



مركز الإحصاء - أبوظبي
STATISTICS CENTRE - ABU DHABI



Statistical Yearbook of Abu Dhabi 2011



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STATISTICS CENTRE - ABU DHABI

Statistical Yearbook

of Abu Dhabi 2011

Vision

To be a recognized Statistics Centre, contributing to the development effort of Abu Dhabi.

Mission

The Centre aims to:

- Develop and organize a statistical system in the Emirate.
- Provide relevant and reliable official statistics serving policy makers, the business community and the public.

Values

• **Independence:**

Maintain independence in the selection of methodologies, definitions and data sources, and in the timing of releases.

• **Transparency:**

Apply transparent and widely accepted procedures, communicating methodologies and adopting unbiased approach.

• **Reliability:**

Strive for accuracy and consistency in collecting, processing, storing and disseminating official statistics.

• **User focus:**

Meet the needs of users with relevant data, ensure easy access to information, and release official statistics in a timely way.

• **Confidentiality:**

Guarantee the privacy of individual Information.



His Highness Sheikh

Khalifa bin Zayed Al Nahyan

President of the United Arab Emirates



His Highness Sheikh

Mohammad bin Zayed Al Nahyan

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

Foreword

Statistics Centre - Abu Dhabi (SCAD) has the pleasure to present Abu Dhabi Statistical Yearbook – 2011 to decision makers, businessmen, researchers and all those interested in statistical data. SCAD's new yearbook closely monitors various indicators of economic, social, environmental and cultural development all over the Emirate under the stewardship of HH Sheikh Khalifa bin Zayed Al Nahyan, President of the United Arab Emirates and Ruler of Abu Dhabi and the unlimited support 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.

This significant release includes some 530 statistical indicators, an increase of about 110 new indicators over the previous year's issue. The book offers a great deal of additional data and new tables, in the context of the Centre's efforts to bring about a qualitative shift in data coverage, accuracy and presentation, in a way that will help in the study and analysis of their implications for planning and the development of integrated strategies to achieve sustainable development in line with Abu Dhabi Vision 2030.

The early release of this issue of Abu Dhabi Statistical Yearbook, translates the SCAD's belief in the importance of timely access to statistical data for sound decision and policy making at all public and private levels.

Even though the Statistics Centre - Abu Dhabi has made thorough efforts in collecting data, conducting surveys and compiling various indicators, the credit for the widespread interest in this book among broad segments of society goes also to the collaboration of our strategic partners, the ministries, local government entities and private enterprises, united by our joint sense of responsibility and the importance of teamwork for the progress of the nation.

We would appreciate any remarks or suggestions about this new issue of the Abu Dhabi Statistical Yearbook regarding its coverage, the quality, analysis and presentation of the data presented, hoping that the book will meet the needs of decision makers and all those interested in statistical data and indicators pertaining to the Emirate of Abu Dhabi.



Butti Ahmed Mohammed Bin Butti Al Qubaisi
Director General

July 2011

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Explanation of Units and Symbols

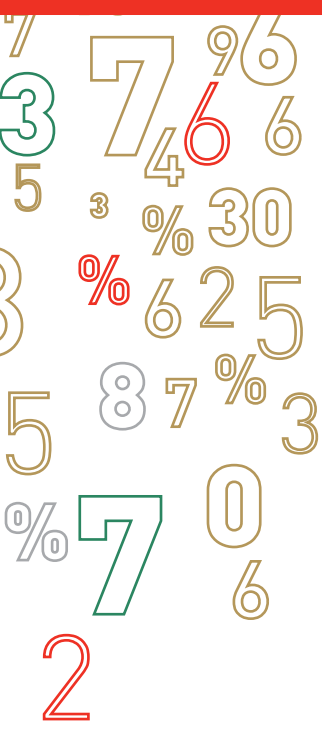
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na , -	= figure not available
0 (0.0)	= less than half of unit concerned
blank	= not applicable
c ^o	= Degree Celsius
GDP	= Gross Domestic Product
No.	= number
mm	= millimetre
kg	= kilogram
km	= kilometre
kwh	= kilowatt per hour
mwh	= megawatt per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

- Abu Dhabi Accounts
- Foreign Trade
- Prices
- Financial Statistics
- Government Finance
- Wages and Compensation
- Foreign Investment

1. Economy

The indicators presented below show that the economy of Abu Dhabi has overcome the impact of the financial crisis, and that the confidence of both firms and consumers has increased. This follows a difficult period in 2009 as economies across the world grappled with the impact of the global financial crisis.

However, the economy of the Emirate of Abu Dhabi has shown great resilience and stability in the face of this crisis. This is demonstrated by the data presented in this section of the Statistical Yearbook, which contains an overview of the Abu Dhabi economy.

The sectors and activities highlighted in this section include national accounts, foreign trade, prices, financial statistics, government finance, and wages and compensation.

2010

GDP at Current Prices (Million AED)	620,316
GDP Growth Rate	15.9%
Oil Share in GDP	49.7%
Per Capita GDP (Thousand AED)	315.3
Fixed Capital Formation (Million AED)	177,467
Foreign Direct Investment (Million AED)	278,105.4
Oil, Gas and Oil Products Exports (Million AED), 2009	202,437
Non-oil Exports (Million AED)	11,610.9
Re-exports (Million AED)	10,991.7
Imports (Million AED)	86,574.1
Inflation Rate (%)	3.1%

1.1. Abu Dhabi Accounts

The Gross Domestic Product (GDP) of the Emirate of Abu Dhabi constitutes more than 60% of the total GDP of the United Arab Emirates, although the Emirate's population represents only about 33% of the total UAE population.

The economy of the Emirate of Abu Dhabi achieved a growth rate of 15.9% at current prices in 2010. This leads to an increase in the Emirate's per capita GDP to AED 315.3 thousand in 2010, up from AED 293.1 thousand in the previous year.

The Emirate's GDP at current prices in 2010 reached AED 620.3 billion. Total fixed capital formation reached AED 177.5 billion, up from AED 155.5 billion in 2009.

This section presents summarized, as well as detailed, statistics for macroeconomic variables, including GDP by economic activity at current prices, annual growth rates and sectoral distribution of gross fixed capital formation in the Emirate of Abu Dhabi.

1.1.1. Gross Domestic Product by Economic Activity at Current Prices

(Million AED)

Economic Activity	2005	2008	2009	2010*
Total	383,430	705,159	535,311	620,316
Non-financial Corporations Sector	365,641	675,438	505,671	586,931
Agriculture, Live Stock and Fishing	5,863	5,786	5,988	6,111
Mining and Quarrying	215,455	412,774	239,006	308,022
Manufacturing Industries	28,645	39,211	30,560	33,860
Electricity, Gas and Water	8,655	14,010	14,458	14,366
Construction	26,321	65,655	79,310	80,925
Wholesale, Retail Trade and Repairing Services	19,864	32,479	28,484	29,999
Restaurants and Hotels	3,602	6,762	6,283	6,572
Transport, Storage and Communications	23,604	39,918	39,134	39,661
Real Estate and Business Services	25,621	46,749	50,223	53,414
Social and Personal Services	8,013	12,096	12,225	14,000
Financial Corporations Sector	17,988	29,575	30,154	34,498
Public Administration and Defence	10,324	18,653	20,559	23,231
Domestic Services of Households	913	1,309	1,503	1,648
Less: Imputed Bank Service Charge	11,436	19,815	22,575	25,990

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.1.2. GDP Per Capita at Current Prices

Item	2005	2008	2009	2010*
GDP (Million AED)	383,430	705,159	535,311	620,316
Oil GDP (Million AED)	215,455	412,774	239,006	308,022
Non-oil GDP (Million AED)	167,975	292,386	296,305	312,294
GDP per capita (Thousand AED)	279.0	415.8	293.1	315.3
Oil GDP per capita (Thousand AED)	156.8	243.4	130.8	156.5
Non-oil GDP per capita (Thousand AED)	122.2	172.4	162.2	158.7
GDP per capita annual growth (%)	26.1	20.0	-29.5	7.6
Oil GDP per capita annual growth (%)	39.7	24.6	-46.2	19.6
Non-oil GDP per capita annual growth (%)	12.1	14.1	-5.9	-2.2

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.1.3. Annual Growth Rates of GDP by Economic Activity at Current Prices

(%)

Economic Activity	2005	2008	2009	2010*
Total	31.7	29.3	-24.1	15.9
Non-financial Corporations Sector	33.4	29.5	-25.1	16.1
Agriculture, Live Stock and Fishing	-2.6	3.5	3.5	2.1
Mining and Quarrying	45.9	34.3	-42.1	28.9
Manufacturing Industries	23.2	11.2	-22.1	10.8
Electricity, Gas and Water	31.3	11.3	3.2	-0.6
Construction	25.6	39.6	20.8	2.0
Wholesale, Retail Trade and Repairing Services	12.5	24.2	-12.3	5.3
Restaurants and Hotels	21.8	39.0	-7.1	4.6
Transport, Storage and Communications	17.5	19.9	-2.0	1.3
Real Estate and Business Services	20.1	16.6	7.4	6.4
Social and Personal Services	7.1	28.9	1.1	14.5
Financial Corporations Sector	17.6	8.4	2.0	14.4
Public Administration and Defence	2.8	61.2	10.2	13.0
Domestic Services of Households	3.7	29.4	14.8	9.6
Less: Imputed Bank Service Charge	25.8	22.1	13.9	15.1

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.1.4. Percentage Distribution of GDP by Economic Activity at Current Prices

(%)

Economic Activity	2005	2008	2009	2010*
Total	100.0	100.0	100.0	100.0
Non-financial Corporations Sector	95.4	95.8	94.5	94.6
Agriculture, Live Stock and Fishing	1.5	0.8	1.1	1.0
Mining and Quarrying	56.2	58.5	44.6	49.7
Manufacturing Industries	7.5	5.6	5.7	5.5
Electricity, Gas and Water	2.3	2.0	2.7	2.3
Construction	6.9	9.3	14.8	13.0
Wholesale, Retail Trade and Repairing Services	5.2	4.6	5.3	4.8
Restaurants and Hotels	0.9	1.0	1.2	1.1
Transport, Storage and Communications	6.2	5.7	7.3	6.4
Real Estate and Business Services	6.7	6.6	9.4	8.6
Social and Personal Services	2.1	1.7	2.3	2.3
Financial Corporations Sector	4.7	4.2	5.6	5.6
Public Administration and Defence	2.7	2.6	3.8	3.7
Domestic Services of Households	0.2	0.2	0.3	0.3
Less: Imputed Bank Service Charge	3.0	2.8	4.2	4.2

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.1.5. Foreign Trade Indicators as a Percentage of GDP

(%)

Item	2005	2008	2009	2010*
Total Exports	51.1	52.9	40.1*	48.5
Oil, gas and oil products exports	48.2	51.1	36.7*	44.8
Non-oil exports	0.8	0.9	1.8	1.9
Re-exports	2.1	0.9	1.6	1.8
Imports	9.2	12.8	17.5	14.0
Goods trade	60.3	65.7	57.7*	62.4
Net trade in goods	41.9	40.1	22.6*	34.5

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.1.6. Exports of Goods as a Percentage of GDP

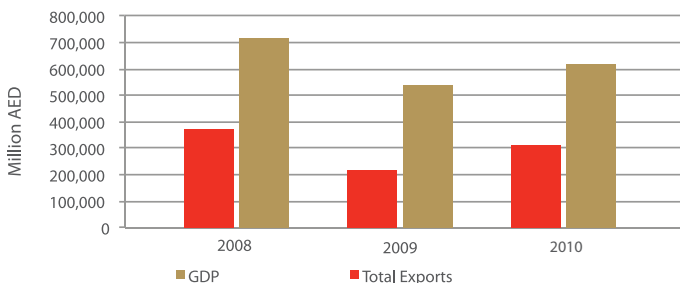
Item	2005	2008	2009	2010*
GDP (Million AED)	383,430	705,159	535,311	620,316
Total Exports (Million AED)	195,819.6	372,844.9	214,827.2*	300,707.9
Total Exports as % of GDP	51.1	52.9	40.1	48.5

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

Figure: 1.1.1

Exports of Goods and GDP



1.1.7. Imports of Goods as a Percentage of GDP at Current Prices

Item	2005	2008	2009	2010
GDP (Million AED)	383,430	705,159	535,311	620,316*
Imports (Million AED)	35,214.3	90,277.0	93,872.2	86,574.1
Imports as % of GDP	9.2	12.8	17.5	14.0*

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

Figure: 1.1.2

Imports of Goods and GDP



1.1.8. Gross Fixed Capital Formation by Economic Activity at Current Prices

(Million AED)

Economic Activity	2005	2008	2009	2010*
Total	47,278	104,427	155,505	177,467
Non-financial Corporations Sector	39,182	81,694	114,687	131,689
Agriculture, Live Stock and Fishing	654	631	656	669
Mining and Quarrying	7,246	18,562	33,930	43,728
Manufacturing Industries	8,641	18,959	25,696	28,472
Electricity, Gas and Water	5,831	15,961	16,196	18,220
Construction	1,985	4,871	4,713	4,809
Wholesale, Retail Trade and Repairing Services	1,110	1,497	1,610	1,696
Restaurants and Hotels	3,642	346	1,456	1,522
Transport, Storage and Communications	6,026	10,256	11,600	12,536
Real Estate and Business Services	2,525	6,161	16,403	17,445
Social and Personal Services	1,523	4,451	2,427	2,592
Financial Corporations Sector	630	1,366	3,603	3,725
Public Administration and Defence	7,466	21,366	37,215	42,053

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

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

(%)

Economic Activity	2005	2008	2009	2010*
Total	100.0	100.0	100.0	100.0
Non-financial Corporations Sector	82.9	78.2	73.8	74.2
Agriculture, Live Stock and Fishing	1.4	0.6	0.4	0.4
Mining and Quarrying	15.3	17.8	21.8	24.6
Manufacturing Industries	18.3	18.2	16.5	16.0
Electricity, Gas and Water	12.3	15.3	10.4	10.3
Construction	4.2	4.7	3.0	2.7
Wholesale, Retail Trade and Repairing Services	2.3	1.4	1.0	1.0
Restaurants and Hotels	7.7	0.3	0.9	0.9
Transport, Storage and Communications	12.7	9.8	7.5	7.1
Real Estate and Business Services	5.3	5.9	10.5	9.8
Social and Personal Services	3.2	4.3	1.6	1.5
Financial Corporations Sector	1.3	1.3	2.3	2.1
Public Administration and Defence	15.8	20.5	23.9	23.7

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.1.10. Gross Fixed Capital Formation by Economic Activity as Percentage of GDP at Current Prices

(%)

Economic Activity	2005	2008	2009	2010*
Total	12.3	14.8	29.0	28.6
Non-financial Corporations Sector	10.2	11.6	21.4	21.2
Agriculture, Live Stock and Fishing	0.2	0.1	0.1	0.1
Mining and Quarrying	1.9	2.6	6.3	7.0
Manufacturing Industries	2.3	2.7	4.8	4.6
Electricity, Gas and Water	1.5	2.3	3.0	2.9
Construction	0.5	0.7	0.9	0.8
Wholesale, Retail Trade and Repairing Services	0.3	0.2	0.3	0.3
Restaurants and Hotels	0.9	0.0	0.3	0.2
Transport, Storage and Communications	1.6	1.5	2.2	2.0
Real Estate and Business Services	0.7	0.9	3.1	2.8
Social and Personal Services	0.4	0.6	0.5	0.4
Financial Corporations Sector	0.2	0.2	0.7	0.6
Public Administration and Defence	1.9	3.0	7.0	6.8

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

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

(%)

Economic Activity	2005	2008	2009	2010*
Total	7.5	69.6	48.9	14.1
Non-financial Corporations Sector	12.3	62.8	40.4	14.8
Agriculture, Live Stock and Fishing	-1.4	2.8	3.9	2.1
Mining and Quarrying	5.3	119.2	82.8	28.9
Manufacturing Industries	11.5	84.2	35.5	10.8
Electricity, Gas and Water	11.5	115.4	1.5	12.5
Construction	20.4	22.6	-3.2	2.0
Wholesale, Retail Trade and Repairing Services	12.9	1.8	7.5	5.3
Restaurants and Hotels	16.7	-92.3	320.9	4.6
Transport, Storage and Communications	15.2	30.1	13.1	8.1
Real Estate and Business Services	25.1	65.6	166.2	6.4
Social and Personal Services	11.7	141.0	-45.5	6.8
Financial Corporations Sector	14.5	70.2	163.6	3.4
Public Administration and Defence	-12.7	101.5	74.2	13.0

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.2 Foreign Trade

Foreign trade is of paramount importance to the economy of Abu Dhabi and makes up a considerable proportion of the Emirate's GDP. In 2010, net trade in goods accounted for 34.5% of 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 total value of commodity imports to Abu Dhabi in 2010 amounted to AED 86.6 billion, the main imports being machinery and transport equipment, which accounted for 52.3% of imports. The top supplier was the USA, from which the Emirate received imports worth AED 11.8 billion. Non-oil exports were valued at AED 11.6 billion, with key goods being machinery and transport equipment, which constituted 53.8% of the total. Brazil was the top destination of Abu Dhabi Non-oil exports, receiving goods worth AED 2.8 billion in 2010.

Re-exports in 2010 were valued at AED 11 billion. The top category was machinery and transport equipment, which made up 65.5% of total Re-exports. The Kingdom of Bahrain was the top destination for Abu Dhabi Re-exports with goods valued at AED 3.6 billion.

The largest value of foreign trade was exchanged with Asian countries, which supplied Abu Dhabi with imports worth AED 38.4 billion and received from the Emirate Non-oil exports valued at AED 5.5 billion and Re-exports worth AED 10.1 billion.

1.2.1. Foreign Trade Statistics

(Million AED)

Item	2005	2008	2009	2010
Total Exports	195,819.6	372,844.9	214,827.2*	300,707.9*
Oil, gas and oil products	184,711.7	360,350.9	196,632.2*	278,105.4*
Non-oil exports	3,186.4	6,252.0	9,500.8	11,610.9
Re-exports	7,921.6	6,242.0	8,694.2	10,991.7
Imports	35,214.3	90,277.0	93,872.2	86,574.1
Net trade in goods	160,605.3	282,567.9	120,955.0*	214,133.8*

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.2.2. Foreign Trade Statistics as a Percentage of Total Trade

(%)

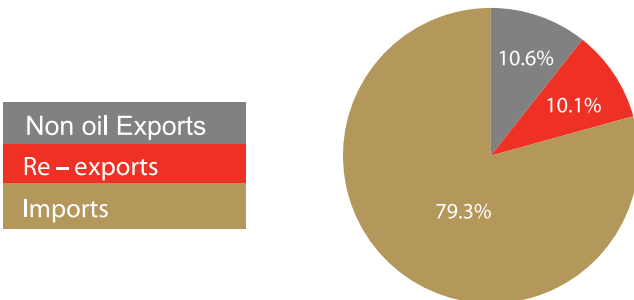
Item	2005	2008	2009	2010
Goods trade	100.0	100.0	100.0	100.0
Total Exports	84.8	80.5	69.6*	77.6*
Oil, gas and oil products	80.0	77.8	63.7*	71.8*
Non-oil exports	1.4	1.3	3.1	3.0
Re-exports	3.4	1.3	2.8	2.8
Imports	15.2	19.5	30.4	22.4

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

Figure: 1.2.1

Non-oil Foreign Trade Statistics, 2010



1.2.3. Trade Balance of Non-oil Trade by Sections of Harmonized System (HS) at Current Prices, 2010

(Million AED)

Item	Exports	Re-Export	Imports	Balance
Total	11,610.9	10,991.7	86,574.1	-63,971.6
Live animals and products thereof	112.3	20.7	1,891.8	-1,758.8
Vegetable products	60.0	65.0	2,816.5	-2,691.5
Animals or vegetable fats, oil and waxes	154.5	1.1	328.3	-172.7
Foodstuffs, beverages, spirits and tobacco	181.1	28.4	1,581.9	-1,372.4
Mineral products	35.9	31.9	2,456.3	-2,388.5
Products of the chemical or allied industries	508.9	469.8	4,102.7	-3,124.0
Plastic, rubber and articles thereof	2,147.8	124.1	4,303.7	-2,031.8
Articles of leather and animal gut; travel goods	1.4	60.3	70.1	-8.4
Articles of wood, cork; Basket ware and wickerwork	11.5	85.7	492.1	-394.9
Pulp of wood, waste, scrap and article of paper	184.1	228.5	1,356.3	-943.7
Textiles and textile articles	70.0	1,373.6	903.2	540.3
Footwear, umbrella, articles of feather and hair	9.1	65.6	118.1	-43.5
Articles of stone, mica; ceramic products and glass	399.0	46.5	2,002.0	-1,556.5
Pearls, stones, precious metals and articles thereof	12.3	11.7	211.1	-187.1
Base metals and articles of base metals	1,414.3	376.0	15,780.3	-13,990.0
Machinery, sound recorder, reproducers and parts	553.4	5,837.1	24,553.5	-18,163.0
Transport vehicles	5,699.4	1,397.9	20,751.4	-13,654.1
Photographic, medical, musical instruments and parts	8.3	176.1	1,681.0	-1,496.5
Arms and ammunition; parts and accessories	36.1	3.6	370.8	-331.1
Miscellaneous manufactured articles	10.0	143.1	725.0	-571.9
Work of art, collectors pieces and antiques	1.6	445.0	78.0	368.5

Source: Statistics Centre - Abu Dhabi

1.2.4. Non-oil Exports to Import Ratio by Sections of Harmonized System (HS)

(%)

Commodity	2005	2008	2009	2010
Total	9.0	6.9	10.1	13.4
Live animals and products thereof	5.0	5.4	6.0	5.9
Vegetable products	2.7	3.0	1.3	2.1
Animals or vegetable fats, oil and waxes	68.9	50.5	40.1	47.1
Foodstuffs, beverages, spirits and tobacco	5.9	10.5	10.2	11.4
Mineral products	12.6	5.7	2.7	1.5
Products of the chemical or allied industries	5.9	5.0	6.0	12.4
Plastic, rubber and articles thereof	82.2	73.5	64.8	49.9
Articles of leather and animal gut; travel goods	8.3	7.9	1.7	2.0
Articles of wood, cork; Basket ware and wickerwork	10.2	0.6	0.7	2.3
Pulp of wood, waste, scrap and article of paper	16.6	20.9	20.5	13.6
Textiles and textile articles	5.8	8.6	3.4	7.7
Footwear, umbrella, articles of feather and hair	0.4	4.4	5.2	7.7
Articles of stone, mica; ceramic products and glass	8.4	12.1	10.2	19.9
Pearls, stones, precious metals and articles thereof	3.7	15.1	1.3	5.8
Base metals and articles of base metals	4.2	3.9	7.9	9.0
Machinery, sound recorder, reproducers and parts	2.9	1.9	2.3	2.3
Transport vehicles	0.5	0.4	16.6	27.5
Photographic, medical, musical instruments and parts	1.5	3.1	2.2	0.5
Arms and ammunition; parts and accessories	0.3	22.3	1.6	9.7
Miscellaneous manufactured articles	4.7	1.5	2.3	1.4
Work of art, collectors pieces and antiques	4.3	0.9	0.3	2.0

Source: Statistics Centre - Abu Dhabi

1.2.5. Key Indicators of Non-oil Exports

(Million AED)

Non-oil Exports of Goods	2008	2009	2010
Total	6,252.0	9,500.8	11,610.9
Agricultural raw materials exports	16.4	17.2	21.3
Food products	521.1	385.8	493.5
Manufactures products	5,549.6	8,838.3	10,319.5
Ores and metals	97.2	216.1	737.7
Other goods	67.8	43.4	38.8

Source: Statistics Centre - Abu Dhabi

1.2.6. Non-oil Exports by Continents

(Million AED)

Continents	2009		2010	
	Value	%	Value	%
Total	9,500.8	100.0	11,610.9	100.0
Asia	7,585.8	79.8	5,459.5	47.0
Africa	1,734.2	18.3	658.8	5.7
Australia	29.5	0.3	21.9	0.2
Caribbean	0.0	0.0	1.4	0.0
Central America	3.4	0.0	3.7	0.0
Europe	86.5	0.9	2,636.7	22.7
Melanesia	0.1	0.0	0.0	0.0
Micronesia	0.0	0.0	0.0	0.0
Northern America	11.7	0.1	27.0	0.2
Polynesia	0.0	0.0	0.0	0.0
South America	49.6	0.5	2,801.8	24.1

Source: Department of Finance - Customs Administration

1.2.7. Non-oil Exports by Sections of Harmonized System (HS)

(Million AED)

Commodity	2005	2008	2009	2010
Total	3,186.4	6,252.0	9,500.8	11,610.9
Live animals and products thereof	48.6	97.8	107.9	112.3
Vegetable products	34.1	61.3	37.7	60.0
Animals or vegetable fats, oil and waxes	125.8	242.9	107.6	154.5
Foodstuffs, beverages, spirits and tobacco	47.8	132.3	143.3	181.1
Mineral products	67.6	91.4	43.6	35.9
Products of the chemical or allied industries	141.8	192.9	237.7	508.9
Plastic, rubber and articles thereof	1,874.5	3,371.5	2,506.3	2,147.8
Articles of leather and animal gut; travel goods	8.8	5.2	1.4	1.4
Articles of wood, cork; Basket ware and wickerwork	39.7	5.0	3.6	11.5
Pulp of wood, waste, scrap and article of paper	114.9	256.1	217.9	184.1
Textiles and textile articles	38.5	83.5	33.4	70.0
Footwear, umbrella, articles of feather and hair	0.4	6.2	6.0	9.1
Articles of stone, mica; ceramic products and glass	76.4	296.9	270.4	399.0
Pearls, stones, precious metals and articles thereof	3.9	29.5	5.2	12.3
Base metals and articles of base metals*	229.4	715.6	1,188.4	1,414.3
Machinery, sound recorder, reproducers and parts	260.9	506.3	703.7	553.4
Transport vehicles **	39.8	79.8	3,814.3	5,699.4
Photographic, medical, musical instruments and parts	11.4	46.6	45.1	8.3
Arms and ammunition; parts and accessories	1.2	16.9	3.8	36.1
Miscellaneous manufactured articles	20.5	13.0	22.5	10.0
Work of art, collectors pieces and antiques***	0.3	1.3	1.1	1.6

Source: Finance Department - Customs Administration

* The rise in 2009 is due to the increase in export of tower lattice masts and parts thereof.

** The rise in 2009 and 2010 is due to the increased exports of floating or submersible drilling or production platforms.

*** During 2008, this section was expanded to cover new articles.

1.2.8. Non-oil Exports to GCC Countries

(Million AED)

Countries	2009		2010	
	Value	%	Value	%
Total	5,353.5	100.0	3095.9	100.0
Saudi Arabia	877.9	16.4	1,205.6	38.9
Oman	466.1	8.7	976.9	31.6
Qatar	3,803.5	71.0	650.5	21.0
Kuwait	138.5	2.6	157.8	5.1
Bahrain	67.3	1.3	105.2	3.4

Source: Department of Finance - Customs Administration

1.2.9. Top Trade Partners (Non-oil Exports)

(Million AED)

Countries	2009		2010	
	Value	%	Value	%
Total	9,500.8	100.0	11,610.9	100.0
Brazil	48.6	0.5	2,800.9	24.1
Norway	0.2	0.0	2,607.8	22.5
Saudi Arabia	877.9	9.2	1,205.6	10.4
Oman	466.1	4.9	976.9	8.4
Qatar	3,803.5	40.0	650.5	5.6
Iran	349.2	3.7	518.7	4.5
China	550.9	5.8	508.5	4.4
India	500.0	5.3	434.2	3.7
Egypt	253.5	2.7	258.7	2.2
Kuwait	138.5	1.5	157.8	1.4
Other Countries	2,512.2	26.4	1,491.2	12.8

Source: Department of Finance - Customs Administration

1.2.10. Non-oil Exports by Mode of Shipping

(Million AED)

Mode of Shipping	2009		2010	
	Value	%	Value	%
Total	9,500.8	100.0	11,610.9	100.0
Marine	7,478.5	78.7	8,348.3	71.9
Road	1,923.4	20.2	3,124.2	26.9
Air	98.9	1.0	138.4	1.2

Source: Department of Finance - Customs Administration

The Emirate of Abu Dhabi exported 744.5 million barrels of crude oil in 2010. As the destination of around 35.6% of the Emirate's total crude oil exports, Japan is the top importer. In 2010, the Emirate exported 8.3 million metric tons of refined oil products, of which France bought 19.6%, followed by Japan, which purchased 18.4%.

LNG exports increased by AED 5242.9 million in 2010 compared with 2009, reaching AED 14155.2 million. Japan topped the list of importers, with a share of 87.4% of the LNG exports value in 2010. Imports of natural gas amounted to 312,423 million cubic feet in 2010 at a daily average of 856 million cubic feet.

1.2.11. Exports of Crude Oil by Country

(Thousand Barrels)

Countries	2009		2010	
	Volume	%	Volume	%
Total	712,994	100.0	744,525	100.0
Japan	269,891	37.9	265,287	35.6
Korea	113,153	15.9	100,294	13.5
Thailand	97,278	13.6	100,174	13.5
India	74,534	10.5	101,311	13.6
Singapore	42,116	5.9	45,467	6.1
China	24,224	3.4	40,394	5.4
Australia	16,694	2.3	12,994	1.7
Taiwan	14,833	2.1	15,369	2.1
Pakistan	13,485	1.9	16,005	2.1
Kenya	11,698	1.6	11,265	1.5
Philippines	8,794	1.2	14,949	2.0
France	985	0.1	0	0.0
New Zealand	3,019	0.4	6,266	0.8
USA	13,483	1.9	0	0.0
Bangladesh	3,254	0.5	4,172	0.6
Tanzania	2,493	0.3	749	0.1
South Africa	2,369	0.3	6,328	0.8
Indonesia	0	0.0	285	0.0
Spain	0	0.0	0	0.0
Srilanka	0	0.0	0	0.0
Malaysia	500	0.1	1,035	0.1
Europe	191	0.0	2,181	0.3

Source: Abu Dhabi National Oil Company - ADNOC

1.2.12. Exports of Refined Petroleum Products by Country

(Metric Tons)

Countries	2009		2010	
	Volume	%	Volume	%
TOTAL	7,391,233	100.0	8,288,700	100.0
France	868,476	11.8	1,622,369	19.6
Japan	1,316,844	17.8	1,523,784	18.4
Korea	1,017,365	13.8	1,297,918	15.7
Holland	1,235,137	16.7	1,122,808	13.5
Taiwan	761,776	10.3	913,316	11.0
U.K	365,107	4.9	276,469	3.3
India	97,602	1.3	262,992	3.2
Saudi Arabia	0	0.0	237,024	2.9
Malaysia	203,775	2.8	155,050	1.9
Singapore	259,491	3.5	141,871	1.7
Kenya	281,671	3.8	134,930	1.6
Djibouti	37,484	0.5	124,984	1.5
South Africa	77,612	1.1	112,418	1.4
Thailand	0	0.0	95,846	1.2
Africa	0	0.0	64,889	0.8
Yemen	43,124	0.6	41,902	0.5
Spain	0	0.0	39,787	0.5
Pakistan	192,011	2.6	39,014	0.5
Mozambique	27,330	0.4	33,327	0.4
Qatar	165,483	2.2	27,000	0.3
Iraq	31,453	0.4	21,000	0.3
Bangladesh	32,953	0.4	0	0.0
Brazil	103,071	1.4	0	0.0
China	52,483	0.7	0	0.0
Indonesia	62,975	0.9	0	0.0
Tanzania	15,344	0.2	0	0.0
UAE	142,666	1.9	0	0.0

Source: Abu Dhabi National Oil Company - ADNOC

1.2.13. Natural Gas Imports

(Million Cubic Feet)

Item	2008	2009	2010
Volume of imports	322,403	310,963	312,423
Daily Average	883.3	852.0	856.0

Source: Dolphin Energy

1.2.14. Exports of Liquefied Natural Gas by Country

(Million AED)

Countries	2009		2010	
	Value	%	Value	%
Total	8,912.2	100.0	14,155.2	100.0
Japan	8,494.1	95.3	12,367.7	87.4
Korea	111.8	1.3	308.0	2.2
Spain	0.0	0.0	67.4	0.5
India	202.8	2.3	0.0	0.0
Taiwan	0.0	0.0	796.6	5.6
Belgium	103.5	1.2	0.0	0.0
Other Countries	0.0	0.0	615.4	4.3

Source: Abu Dhabi National Oil Company - ADNOC

1.2.15. Liquefied Natural Gas Exports by Continents

(Million AED)

Continents	2009		2010	
	Value	%	Value	%
Total	8,912.2	63.0	14,155.2	100.0
Asia	8,808.7	62.2	14,087.8	99.5
Europe	103.5	0.7	67.4	0.5

Source: Abu Dhabi National Oil Company - ADNOC

1.2.16. Key Indicators of Re-exports

(Million AED)

Re-exports of Goods	2008	2009	2010
Total	6,242.0	8,694.2	10,991.7
Agricultural raw materials	31.1	24.7	24.4
Food re-exports	115.9	77.0	101.0
Manufactured products	5,528.9	8,024.2	10,372.7
Ores and metals	43.2	12.7	21.0
Other goods	522.9	555.6	472.5

Source: Statistics Centre - Abu Dhabi

1.2.17. Re-exports by Sections of Harmonized System (HS)

(Million AED)

Commodity	2005	2008	2009	2010
Total	7,921.6	6,242.0	8,694.2	10,991.7
Live animals and products thereof	37.7	40.9	32.9	20.7
Vegetable products	45.0	55.2	19.0	65.0
Animals or vegetable fats, oil and waxes	27.8	3.5	9.7	1.1
Foodstuffs, beverages, spirits and tobacco	50.9	31.9	29.0	28.4
Mineral products	52.1	20.5	55.9	31.9
Products of the chemical or allied industries	101.8	206.5	271.1	469.8
Plastic, rubber and articles thereof	94.8	146.0	109.1	124.1
Articles of leather and animal gut; travel goods	10.2	40.1	138.5	60.3
Articles of wood, cork; Basket ware and wickerwork	26.9	55.9	38.6	85.7
Pulp of wood, waste, scrap and article of paper	56.4	30.3	176.6	228.5
Textiles and textile articles	480.3	292.5	782.8	1,373.6
Footwear, umbrella, articles of feather and hair	65.8	26.6	41.4	65.6
Articles of stone, mica; ceramic products and glass	55.8	139.3	88.2	46.5
Pearls, stones, precious metals and articles thereof	4.1	109.4	56.6	11.7
Base metals and articles of base metals	534.5	412.5	377.3	376.0
Machinery, sound recorder, reproducers and parts	3,503.0	2,583.8	4,311.3	5,837.1
Transport vehicles	2,468.0	1,371.5	1,494.3	1,397.9
Photographic, medical, musical instruments and parts	68.9	138.2	96.0	176.1
Arms and ammunition; parts and accessories	1.7	1.5	2.9	3.6
Miscellaneous manufactured articles	235.3	41.2	65.4	143.1
Work of art, collectors pieces and antiques*	0.5	494.8	497.6	445.0

Source: Finance Department - Customs Administration

*During 2008, this section was expanded to cover new articles.

1.2.18. Re-exports by Continent

(Million AED)

Continents	2009		2010	
	Value	%	Value	%
Total	8,694.2	100.0	10,991.7	100.0
Asia	7,718.5	88.8	10,051.6	91.4
Africa	312.2	3.6	347.6	3.2
Australia	33.2	0.4	28.1	0.3
Caribbean	4.0	0.0	0.3	0.0
Central America	9.7	0.1	42.3	0.4
Europe	545.3	6.3	466.2	4.2
Melanesia	0.0	0.0	0.0	0.0
Micronesia	0.0	0.0	0.0	0.0
Northern America	26.5	0.3	48.7	0.4
Polynesia	0.0	0.0	0.0	0.0
South America	44.9	0.5	7.0	0.1

Source: Statistics Centre - Abu Dhabi

1.2.19. Re-exports to GCC Countries

(Million AED)

Countries	2009		2010	
	Value	%	Value	%
Total	5,951.6	100.0	7,676.1	100.0
Bahrain	1,928.4	32.4	3,588.6	46.8
Qatar	1,572.1	26.4	1,670.2	21.8
Saudi Arabia	1,207.2	20.3	1,271.9	16.6
Oman	715.6	12.0	301.4	3.9
Kuwait	528.3	8.9	844.1	11.0

Source: Department of Finance - Customs Administration

1.2.20. Re-exports by Mode of Shipping

(Million AED)

Mode of shipping	2009		2010	
	Value	%	Value	%
Total	8,694.2	100.0	10,991.7	100.0
Marine	1,904.7	21.9	1,778.6	16.2
Road	1,535.8	17.7	1,285.5	11.7
Air	5,253.7	60.4	7,927.5	72.1

Source: Department of Finance - Customs Administration

1.2.21. Top Trade Partners (Re-exports)

(Million AED)

Countries	2009		2010	
	Value	%	Value	%
Total	8,694.2	100	10,991.7	100
Bahrain	1,928.4	22.2	3,588.6	32.6
Qatar	1,572.1	18.1	1,670.2	15.2
Saudi Arabia	1,207.2	13.9	1,271.9	11.6
Kuwait	528.3	6.1	844.1	7.7
India	457.0	5.3	643.3	5.9
Jordan	237.0	2.7	372.6	3.4
Pakistan	65.2	0.8	308.5	2.8
Oman	715.6	8.2	301.4	2.7
Turkmenistan	239.4	2.8	288.6	2.6
Iran	85.6	1.0	152.8	1.4
Other Countries	1,658.4	19.1	1,549.7	14.1

Source: Department of Finance - Customs Administration

1.2.22. Key Indicators of Imports

(Million AED)

Imports of Goods	2008	2009	2010
Total	90,277.0	93,872.2	86,574.1
Agricultural raw materials	613.8	322.2	365.4
Food	5,014.5	4,945.8	5,245.8
Manufactured products	81,245.5	83,260.8	73,692.8
Ores and metals	1,721.6	2,522.9	4,861.0
Other goods	1,681.7	2,820.5	2,409.1

Source: Statistics Centre - Abu Dhabi

1.2.23. Commodity Imports by Sections of Harmonized System (HS)

(Million AED)

Commodity	2005	2008	2009	2010
Total	35,214.3	90,277.0	93,872.2	86,574.1
Live animals and products thereof	980.1	1,812.5	1,784.3	1,891.8
Vegetable products	1,257.5	2,043.7	2,869.3	2,816.5
Animals or vegetable fats, oil and waxes	182.6	481.0	268.1	328.3
Foodstuffs, beverages, spirits and tobacco	812.3	1,260.7	1,408.7	1,581.9
Mineral products	537.0	1,617.1	1,619.7	2,456.3
Products of the chemical or allied industries	2,385.4	3,838.8	3,956.5	4,102.7
Plastic, rubber and articles thereof	2,279.9	4,589.0	3,865.5	4,303.7
Articles of leather and animal gut; travel goods	106.9	64.9	82.7	70.1
Articles of wood, cork; Basket ware and wickerwork	388.0	865.1	517.5	492.1
Pulp of wood, waste, scrap and article of paper	690.7	1,226.6	1,063.5	1,356.3
Textiles and textile articles	661.5	965.9	973.5	903.2
Footwear, umbrella, articles of feather and hair	107.6	139.9	116.7	118.1
Articles of stone, mica; ceramic products and glass	909.2	2,446.7	2,640.5	2,002.0
Pearls, stones, precious metals and articles thereof	106.9	195.5	413.1	211.1
Base metals and articles of base metals	5,428.6	18,574.6	14,997.7	15,780.3
Machinery, sound recorder, reproducers and parts	9,133.3	27,167.6	30,584.7	24,553.5
Transport vehicles	7,647.7	20,398.1	23,024.5	20,751.4
Photographic, medical, musical instruments and parts	780.2	1,523.1	2,069.1	1,681.0
Arms and ammunition; parts and accessories	375.9	75.8	231.4	370.8
Miscellaneous manufactured articles	435.1	853.0	971.2	725.0
Work of art, collectors pieces and antiques*	7.8	137.7	413.7	78.0

Source: Finance Department - Customs Administration

*During 2008, this section was expanded to cover new articles.

1.2.24. Imports of Goods by Continents

(Million AED)

Continents	2009		2010	
	Value	%	Value	%
Total	93,872.2	100.0	86,574.1	100.0
Asia	30,507.9	32.5	38,358.6	44.3
Africa	10,253.9	10.9	2,980.5	3.4
Australia	62.6	0.1	926.6	1.1
Caribbean	0.6	0.0	38.8	0.0
Central America	417.1	0.4	326.3	0.4
Europe	38,166.0	40.7	29,678.6	34.3
Melanesia	0.0	0.0	0.1	0.0
Micronesia	642.4	0.7	0.0	0.0
Northern America	0.0	0.0	12,797.1	14.8
Polynesia	0.0	0.0	0.1	0.0
South America	13,821.7	14.7	1,467.4	1.7

Source: Statistics Centre - Abu Dhabi

1.2.25. Imports From GCC Countries by Value

(Million AED)

Countries	2009		2010	
	Value	%	Value	%
Total	13,088.0	100.0	13,671.9	100.0
Saudi Arabia	9,559.4	73.0	9,687.2	70.9
Qatar	1,400.3	10.7	1,786.8	13.1
Bahrain	912.8	7.0	882.6	6.5
Kuwait	847.1	6.5	846.7	6.2
Oman	368.5	2.8	468.6	3.4

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 (Imports)

(Million AED)

Countries	2009		2010	
	Value	%	Value	%
Total	93,872.2	100	86,574.1	100
USA	12,571.1	13.4	11,846.9	13.7
Saudi Arabia	9,559.4	10.2	9,687.2	11.2
Japan	8,752.4	9.3	9,312.1	10.8
Germany	10,155.7	10.8	9,026.5	10.4
Italy	5,357.3	5.7	4,046.7	4.7
United Kingdom	3,831.4	4.1	3,767.1	4.4
France	4,802.8	5.1	3,563.4	4.1
South Korea	8,093.5	8.6	3,044.0	3.5
China	2,944.9	3.1	2,383.2	2.8
Turkey	1,229.3	1.3	1,832.0	2.1
Other Countries	26,574.4	28.3	28,065.1	32.4

Source: Department of Finance - Customs Administration

1.2.27. Imports by Mode of Shipping

(Million AED)

Mode of Shipping	2009		2010	
	Value	%	Value	%
Total	93,872.2	100.0	86,574.1	100.0
Marine	57,423.3	61.2	49,677.8	57.4
Road	19,380.5	20.6	20,065.0	23.2
Air	17,068.4	18.2	16,831.3	19.4

Source: Department of Finance - Customs Administration

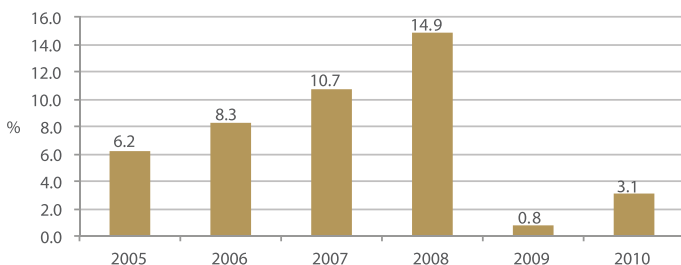
1.3. Prices

Price statistics, which include the inflation rate and price indices, are some of the most important statistical indicators produced by statistics centres. One of SCAD's key indicators is the Consumer Prices Index (CPI), which is compiled with 2007 as a base year. A price index is a tool that measures average change in the prices of goods and services between two periods of time: a reference period, known as the "base period", against which prices during other periods are measured; and a comparison period, the prices during which are compared with those of the base period. Annual and monthly inflation rates can be calculated from the estimates of the CPI. The results of CPI calculations for 2010 are outlined below:

- The inflation rate in 2010 was 3.1%, compared with 0.8% in 2009, as evident from the rise in the CPI from 115.8 points in 2009 to 119.3 points in 2010.
- This means that the rate of increase in the prices of the consumer's basket for the year 2010 compared with 2009 was 3.1%. In other words, if we assume that a specific set of goods and services cost the consumer AED 1000 in 2009, then the cost of the same set of goods and services would have risen to AED 1,031 in 2010.
- The "Housing, water, electricity, gas and other fuels" group contributed 55.4% of the total inflation rate in 2010, which was primarily due to an increase of 4.9% in rental costs.
- The "Food and non-alcoholic beverages" group contributed 36.8% of total inflation in 2010, mainly due to an increase of 6.9% in the prices of this group.
- The "Clothing and footwear" group has slowed down annual inflation with a negative contribution of 28%, while prices in this group fell by 8.3%.
- On the other hand, the "Communication" group detracted 8.3% from annual inflation in 2010 reflecting a decrease of 3.8% in the average prices of this 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 2010 Compared with 2009

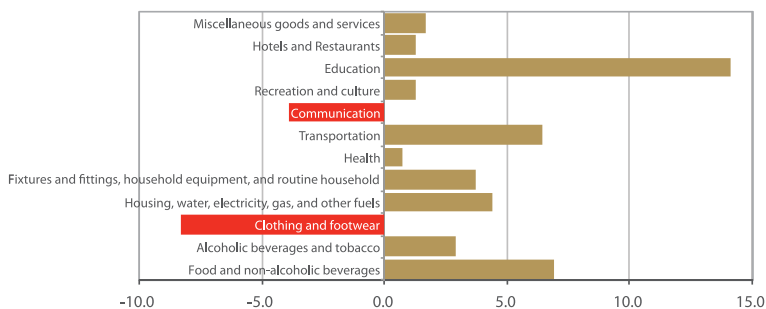
(%)

Major Expenditure Groups	Weight (100.0)	Relative Change	Contribution
Food and non-alcoholic beverages	16.1	6.9	36.8
Alcoholic beverages and tobacco	0.3	2.9	0.2
Clothing and footwear	9.8	-8.3	-28.0
Housing, water, electricity, gas, and other fuels	37.9	4.4	55.4
Fixtures and fittings, household equipment, and routine household maintenance	4.8	3.8	5.7
Health	0.8	0.8	0.2
Transportation	9.7	6.5	19.2
Communication	7.7	-3.8	-8.3
Recreation and culture	2.4	1.3	0.9
Education	2.6	14.2	13.7
Hotels and Restaurants	3.4	1.3	1.5
Miscellaneous goods and services	4.6	1.7	2.6

Source: Statistics Centre - Abu Dhabi

Figure 1.3.2

Relative Change in Average Prices for the Main Expenditure Groups in 2010 Compared with 2009



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

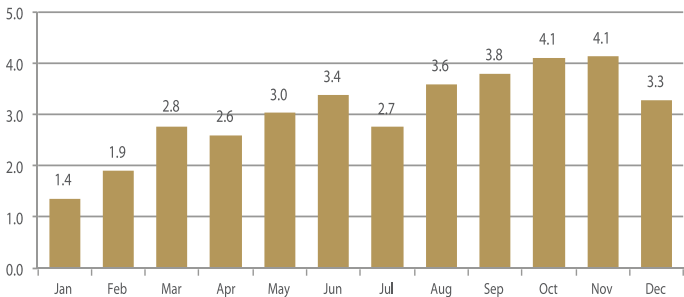
(2007=100)

Groups of Commodities and Services	Weight (100.0)	Percentage Change	
		2009	2010
Food and non - alcoholic beverages	16.1	-3.2	6.9
Alcoholic beverages and tobacco	0.3	13.5	2.9
Clothing and footwear	9.8	-5.5	-8.3
Housing, water, electricity, gas and other fuels	37.9	4.7	4.4
Furnishing, household equipment and routine household maintenance	4.8	-2.7	3.8
Health	0.8	1.8	0.8
Transport	9.7	1.1	6.5
Communication	7.7	0.0	-3.8
Recreation and culture	2.4	-5.5	1.3
Education	2.6	11.3	14.2
hotels and Restaurants	3.4	-0.1	1.3
Miscellaneous goods and services	4.6	-0.1	1.7

Source: Statistics Centre - Abu Dhabi

Figure 1.3.3

Annual Inflation Rates for the Months of 2010



1.3.3. Monthly CPI

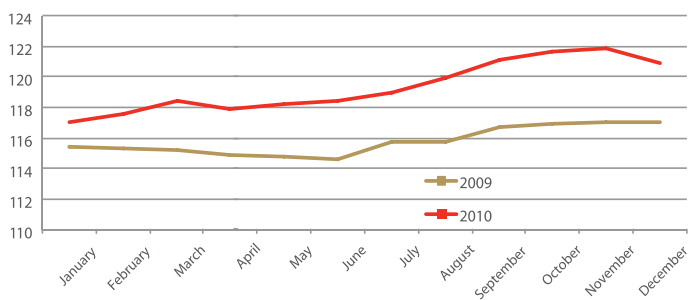
(2007=100)

Month	2009		2010	
	CPI	Current Month - Previous Month	CPI	Current Month - Previous Month
January	115.4	-1.6	117.0	-0.1
February	115.4	-0.1	117.6	0.6
March	115.2	-0.2	118.4	0.8
April	114.9	-0.3	117.9	-0.5
May	114.7	-0.2	118.2	0.3
June	114.6	-0.2	118.5	0.2
July	115.8	1.2	118.9	0.5
August	115.7	-0.0	119.9	1.0
September	116.7	1.0	121.2	1.2
October	116.9	0.2	121.7	0.5
November	117.0	0.2	121.9	0.2
December	117.1	0.0	120.9	-1.0

Source: Statistics Centre - Abu Dhabi

Figure 1.3.4

CPI for the Months of 2009 and 2010



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

Source: Statistics Centre - Abu Dhabi

1.3.5. Percentage Change in the Prices of the Main Groups of Building Materials in 2010 Compared with 2009

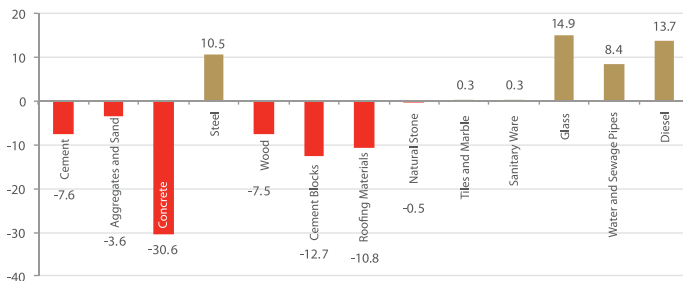
(Price in AED)

Groups	Average Price 2009	Average Price 2010	Percentage Change
Cement	553.4	511.3	-7.6
Aggregates and Sand	49.4	47.6	-3.6
Concrete	376.4	261.3	-30.6
Steel	1947.8	2153.0	10.5
Wood	211.9	196.1	-7.5
Cement Blocks	3079.1	2689.2	-12.7
Roofing Materials	19.4	17.3	-10.8
Natural Stone	118.9	118.3	-0.5
Tiles and Marble	113.8	114.1	0.3
Sanitary Equipment	3542.5	3552.1	0.3
Glass	58.4	67.1	14.9
Water and Sewage Pipes	46.5	50.4	8.4
Diesel	8.6	9.8	13.7

Source: Statistics Centre - Abu Dhabi

Figure 1.3.5

Percentage Change in the Prices of the Main Groups of Building Materials in 2010 Compared with 2009



1.4. Financial Statistics

Financial intermediation is accounting for a growing share in the economy of Abu Dhabi. Statistics on this activity, which set forth its main indicators, provide data that reflects the economic fundamentals of the Emirate's economy. This section also includes statistics from the Survey of Banks and other Financial Institutions, in addition to the main performance indicators of the Abu Dhabi Securities Exchange.

The contribution of financial and insurance establishments to GDP reached 5.6% in 2010. In the securities market, the value of shares traded fell from AED 70 billion in 2009 to making AED 34.6 billion in 2010 which represents 5.6% of Abu Dhabi's GDP. Nevertheless, the market capitalization of the shares traded remained unaffected, reaching AED 294.6 and 283.9 billion in 2009 and 2010 respectively. In 2010, 61 listed domestic companies were trading on in Abu Dhabi Securities Exchange.

1.4.1. Key Statistics of the Financial Intermediation Activity

Indicators	2007	2008	2009	2010*
Share in GDP (%)	5.0	4.2	5.6	5.6
Gross output (% of GDP)	5.5	4.7	6.5	6.4
Capital formation (% GDP)	0.1	0.2	0.7	0.6
Compensation of employees (Million AED)	3,456	4,877	5,525	5,713

Source: Statistics Centre-Abu Dhabi

* Preliminary estimates

1.4.2. Key Statistics of Abu Dhabi Securities Market

Indicators	2005	2008	2009	2010
Total Listed Domestic Companies	55	60	62	61
Market Capitalization (Billion AED)	486.4	252.7	294.6	283.9
Market Capitalization (% of GDP)	126.9	35.8	55.0	45.8*
Value Traded (Billion AED)	104.7	232.0	70.0	34.6
Value Traded (% of GDP)	27.3	32.9	13.1	5.6*
Equity market turnover ratio (%)	21.5	91.8	23.8	12.2

Source: Abu Dhabi Securities Exchange-ADX

* Preliminary estimates

1.5. Government Finance

This section presents the statistics of revenues and expenditure of the Abu Dhabi Government. The percentage contribution of petroleum revenue constituted 82.6% of the total revenues for 2010. The Departments' collections revenue and capital revenues accounted for 7.3% and 10.1% respectively of the total revenue for the year under review.

Current expenditure accounted for 61.6% of the total expenditure in 2010. Current transfers, salaries & wages and goods & services contributed 40.2%, 10.3% and 11.2% respectively of the total government expenditure for 2010. Total capital expenditure accounted for 38.4% of total expenditures, while capital transfers and development expenditures on government projects and capital expenditure on goods and services contributed 24.8% , 12.5% and 1.2% of the total expenditure in 2010 respectively.

1.5.1. Percentage Distribution of Government Revenues

(%)

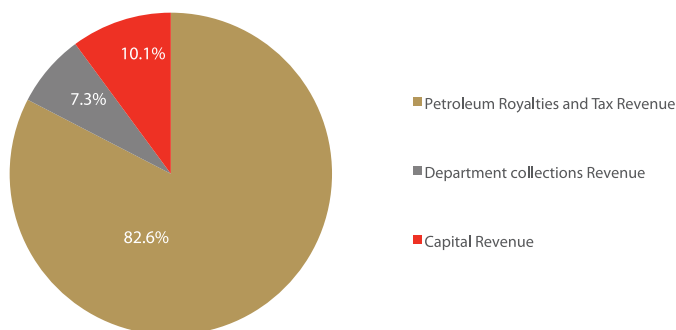
Item	2005	2008	2009	2010*
Total	100	100	100	100
Petroleum Royalties and Tax Revenue	85.9	92.0	89.2	82.6
Department Collections Revenue	11.6	6.4	8.1	7.3
Capital Revenue	2.5	1.6	2.7	10.1

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

Figure 1.5.1

Percentage Distribution of Government Revenues, 2010



1.5.2. Percentage Distribution of Public Expenditures

(%)

Item	2005	2008	2009	2010*
Total	100	100	100	100
Current expenditures	77.6	64.3	60.8	61.6
Salaries and wages	15.4	11.4	9.8	10.3
Goods and services	15.2	10.8	11.2	11.2
Current transfers	47.0	42.1	39.8	40.2
Capital expenditures	22.4	35.7	39.2	38.4
Development expenditures on government projects	12.8	7.2	10.9	12.5
Capital expenditures on goods & services	1.0	0.2	0.4	1.2
Capital transfers	8.6	28.3	27.9	24.8

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.5.3. Percentage Distribution of Public Expenditures by Type

(%)

Item	2005	2008	2009	2010*
Total Expenditure	100	100	100	100
Recurrent Department Expenditure	23.7	26.3	27.6	25.3
Development Expenditure	11.8	6.9	10.8	9.1
Contribution to the Federal Government	42.4	31.8	27.5	32.2
Aid and Loans	18.2	28.0	24.7	23.0
Capital Payments	3.9	7.0	9.3	10.3

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

1.6. Wages and Compensation

Compensation of employees is a key indicator in the national accounts, which indicates the amount of income received by employees in various economic activities in the Emirate of Abu Dhabi.

This section sheds light on the share of each economic activity in total compensation of employees in a time series. Compensation of employees rose to AED 117.4 billion in 2010 compared with AED 107.6 billion in 2009 or by 9.1%. Non-financial corporations accounted for 73.9% of total compensation of employees, followed by the public administration and Defence sector with 19.8% and the financial corporations sector which paid 4.9% of the total compensation of employees in 2010 in the Emirate of Abu Dhabi.

1.6.1. Compensation of Employees by Economic Activity at Current Prices

(Million AED)

Economic Activity	2005	2008	2009	2010*
Total	55,877	95,068	107,618	117,432
Non-financial Corporations Sector	41,865	70,229	80,031	86,841
Agriculture, Live Stock and Fishing	1,889	1,566	1,632	1,666
Mining and Quarrying	3,843	7,154	7,991	10,299
Manufacturing Industries	4,635	7,608	11,166	12,372
Electricity, Gas and Water	1,003	1,174	1,749	1,968
Construction	7,641	14,924	16,169	16,498
Wholesale, Retail Trade and Repairing Services	6,367	9,083	6,772	7,133
Restaurants and Hotels	1,228	1,993	2,038	2,131
Transport, Storage and Communications	4,327	7,609	8,331	9,003
Real Estate and Business Services	6,043	10,706	11,941	12,700
Social and Personal Services	4,887	8,410	12,242	13,071
Financial Corporations Sector	2,776	4,877	5,525	5,713
Public Administration and Defence	10,324	18,653	20,559	23,231
Domestic Services of Households	913	1,309	1,503	1,648

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	2008	2009	2010*
Total	19.4	31.7	13.2	9.1
Non-financial Corporations Sector	24.4	25.0	14.0	8.5
Agriculture, Live Stock and Fishing	8.4	2.9	4.2	2.1
Mining and Quarrying	23.1	46.7	11.7	28.9
Manufacturing Industries	19.9	22.8	46.8	10.8
Electricity, Gas and Water	21.4	-11.7	48.9	12.5
Construction	15.8	23.6	8.3	2.0
Wholesale, Retail Trade and Repairing Services	29.0	22.5	-25.4	5.3
Restaurants and Hotels	24.4	32.2	2.2	4.6
Transport, Storage and Communications	91.3	10.5	9.5	8.1
Real Estate and Business Services	25.8	31.0	11.5	6.4
Social and Personal Services	8.4	36.2	45.6	6.8
Financial Corporations Sector	23.6	41.1	13.3	3.4
Public Administration and Defence	2.8	61.2	10.2	13.0
Domestic Services of Households	3.7	29.5	14.8	9.6

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2005	2008	2009	2010*
Total	14.6	13.5	20.1	18.9
Non-financial Corporations Sector	10.9	10.0	15.0	14.0
Agriculture, Live Stock and Fishing	0.5	0.2	0.3	0.3
Mining and Quarrying	1.0	1.0	1.5	1.7
Manufacturing Industries	1.2	1.1	2.1	2.0
Electricity, Gas and Water	0.3	0.2	0.3	0.3
Construction	2.0	2.1	3.0	2.7
Wholesale, Retail Trade and Repairing Services	1.7	1.3	1.3	1.1
Restaurants and Hotels	0.3	0.3	0.4	0.3
Transport, Storage and Communications	1.1	1.1	1.6	1.5
Real Estate and Business Services	1.6	1.5	2.2	2.0
Social and Personal Services	1.3	1.2	2.3	2.1
Financial Corporations Sector	0.7	0.7	1.0	0.9
Public Administration and Defence	2.7	2.6	3.8	3.7
Domestic Services of Households	0.2	0.2	0.3	0.3

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

1.7. Foreign Investment

The emirate of Abu Dhabi is considered as an attractive market for foreign investment due to its strong economy and investment-encouraging laws. In 2008, Foreign Direct Investment (FDI) amounted to AED 51,612 million, led by the "Electricity, Gas and Water" activity, which attracted foreign investments worth AED 25,271 million, or 49% of total FDI. The "Real Estate and Business Services" activity ranked second, with investments worth AED 12,706 million, followed by "Financial intermediation and insurance" which amounted to AED 5,679 million.

As results by region show, FDI from the GCC region amounted to AED 2,234 million, contributing 4.3% of foreign direct investment into the Abu Dhabi Emirate in 2008. FDI from other Arab countries totalled AED 2,690 million, while European countries accounted for the largest proportion of FDI with 46% in 2008.

Total portfolio investment in the Emirate of Abu Dhabi amounted to AED 6,012 million in 2008. The results reveal that portfolio investments were confined to three activities, namely, "Construction", "Financial institutions and insurance" and "Real estate and business services" amounting to AED 4,286, 1,720 and 6 million respectively.

Other investments in the Emirate of Abu Dhabi in 2008 totalled AED 194,275 million in 2008. The largest share of other investments was in the "Financial institutions and insurance" activity, which accounted for 75.7% of the total other investments in 2008. The second largest share of other investments was the "Electricity, Gas and Water" activity, which totalled AED 18,981 million, followed by "Construction" which contributed 6.9% of total other investment.

1.7.1. Foreign Direct Investment by Economic Activity

(Million AED)

Item	2007		2008	
	Value	%	Value	%
Total	41,241	100	51,612	100
Mining and Quarrying	1,954	4.7	2,697	5.2
Manufacturing Industries	2,705	6.6	3,533	6.8
Electricity, Gas and Water	16,706	40.5	25,271	49
Construction	939	2.3	1,089	2.1
Wholesale, Retail Trade and Repairing Services	258	0.6	282	0.5
Restaurants and Hotels	3	0.0	4	0.0
Transport, Storage and Communication	212	0.5	285	0.6
Financial Institutions and Insurance	6,357	15.4	5,679	11.0
Real Estate and Business Services*	12,064	29.3	12,706	24.6
Education	3	0.0	7	0.0
Health	19	0.0	26	0.1
Social and Personal Services	20	0.0	32	0.1

Source: Statistics Centre - Abu Dhabi

* Include real estate sales to non-residents

1.7.2 Foreign Direct Investment by Region

(Million AED)

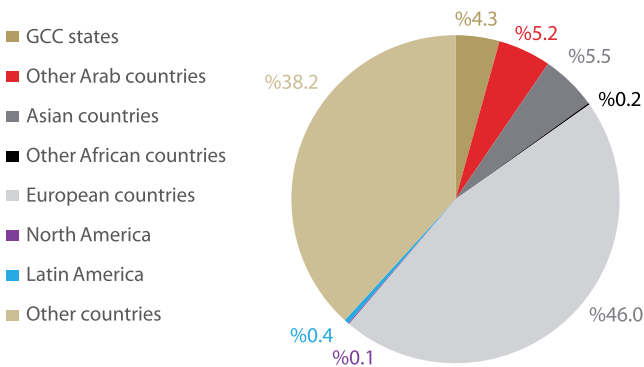
Item	2007		2008	
	Value	%	Value	%
Total	41,241	100	51,612	100
GCC states	3,037	7.4	2,234	4.3
Other Arab countries	2,597	6.3	2,690	5.2
Asian countries	908	2.2	2,836	5.5
Other African countries	0	0.0	81	0.2
European countries	21,290	51.6	23,766	46.0
North America	46	0.1	66	0.1
Latin American	149	0.4	227	0.4
Other countries*	13,214	32.0	19,712	38.2

Source: Statistics Centre - Abu Dhabi

* Include real estate sales to non-residents

Figure 1.7.1

Percentage Distribution of Foreign Direct Investment by Region, 2008



1.7.3. Other Investments in the Emirate of Abu Dhabi by Economic Activity

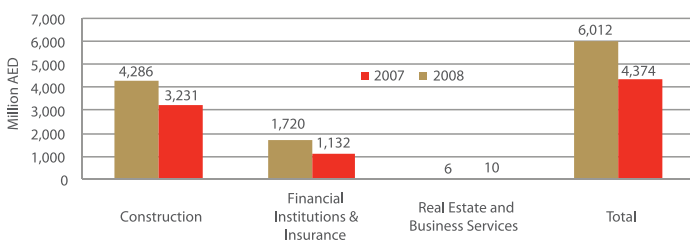
(Million AED)

Item	2007		2008	
	Value	%	Value	%
Total	213,943	100	194,275	100
Mining and Quarrying	3,935	1.8	4,180	2.2
Manufacturing Industries	695	0.3	2,370	1.2
Electricity, Gas and Water	28,901	13.5	18,981	9.8
Construction	6,982	3.3	13,466	6.9
Wholesale, Retail Trade and Repairing Services	0.5	0.0	0.4	0.0
Transport, Storage and Communication	3,558	1.7	5,817	3.0
Financial Institutions & Insurance	167,399	78.2	147,074	75.7
Real Estate and Business Services*	2,472	1.2	2,387	1.2

Source: Statistics Centre - Abu Dhabi

* Include real estate sales to non-residents

Figure 1.7.2
Portfolio Investments by Economic Activity



2. Industry and Business

- Investment Climate
- Manufacturing
- Oil and Gas
- Petrochemicals
- Electricity and Water
- Construction
- Transport
- ICT
- Hotels

2. Industry and Business

One of the most important indicators in the field of oil and gas is the oil reserves, which stood at 92.2 billion barrels in 2009, while the Emirate's total natural gas reserves for the same year amounted to 212 trillion cubic feet. In 2010, average production of crude oil was 2.3 million barrels per day, while that of natural gas was 4,847 million cubic feet per day. Electrical power generation reached 41,713,000 MWH in 2010, compared with 39,219,090 MWH in 2009. However, per capita electricity consumption increased from 19.01 MWH in 2009 to 20.66 MWH in 2010.

In the transport activity 668,833 new vehicles were licensed during 2009. In 2010 11.1 million passengers arrived in, departed from or transferred through the airports of Abu Dhabi Emirate. The number of mobile cellular lines in 2010 stood at 3,161 thousand, while Internet subscriptions reached 401 thousand.

2010

Total businesses registered	96381
Proven oil reserves (Billion Barrels), 2009	92.2
Proven gas reserves (Trillion Cubic Feet), 2009	212
Average daily oil production (Thousand Barrels)	2,255
Average daily gas production (Million Cubic Feet), 2009	4,847
Electricity generated (MWH)	41,713,000
Per capita electricity consumption (MWH)	20.66
Motor vehicles licensed, 2009	668,833
Number of passengers using the emirate's airports (million)	11.1
Number of mobile telephone lines (thousand)	3,161
Number of Internet subscription (thousand)	401
Number of hotel establishments	115
Number of guests (Thousand)	1,812

2.1. Investment Climate

An ideal business environment is made up of many elements and factors that can mutually contribute towards building a broad-based and diverse economy in the Emirate of Abu Dhabi. The Emirate has come a long way in this respect and it can be argued that its current progress and prosperity are largely due to the presence of such environment.

There are several underlying factors behind the Emirate's attractive investment climate, including a strategic geographic location, highly developed infrastructure, miscellaneous facilities offered by the Emirate's free zones and industrial cities, very low tax, easy access to energy sources and credit facilities, etc.

The total number of businesses registered by the Department of Economic Development reached 96,381 in 2010. Newly registered commercial businesses accounted for 10.4% of the total registered commercial businesses. In 2009 the total number of registered commercial businesses was 86,402, while the percentage of new registered commercial businesses was 14.7%.

2.1.1. General Indicators of Investment Climate

Indicators	2007	2008	2009	2010
Total businesses registered (number)	62,991	73,677	86,402	96,381
New businesses registered (number)	na	10,686	12,725	9,979
Business entry rate (new registrations as % of total)	na	14.5	14.7	10.4

Source: Department of Economic Development

2.1.2. Key Statistics of Wholesales Retail Trade and Repairing Services

Indicators	2007	2008	2009	2010*
Share in GDP (%)	4.8	4.6	5.3	4.8
Gross Output (% of GDP)	6.3	5.8	6.6	6.0
Capital Formation (% of GDP)	0.3	0.2	0.3	0.3
Compensation of Employees (Million AED)	7,416	9,083	6,772	7,133

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

2.2. Manufacturing

Manufacturing Industries represent one of the main activities targeted by the Emirate of Abu Dhabi in achieving sustainable development over the next few years. One of the Emirate's key manufacturing activities is the basic metals industry, which accounted for 6.1% of the total output of manufacturing activity and 3.0% of value added of the manufacturing activity in 2009.

2.2.1. Key Statistics of the Manufacturing Activity

Indicators	2007	2008	2009	2010*
Share in GDP (%)	6.5	5.6	5.7	5.5
Gross Output (% of GDP)	19.5	18.4	18.7	17.9
Capital Formation (% of GDP)	1.9	2.7	4.8	4.6
Compensation of Employees(Million AED)	6,194	7,608	11,166	12,372

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

2.2.2. Gross Output and Value Added of Manufacturing Activity

(Million AED)

Type of Manufacturing Activity	2008		2009	
	Gross Output	Value Added	Gross Output	Value Added
Total	129,599	39,211	100,247	30,560
Food, beverages and tobacco	4,009	1,163	3,663	1,342
Textiles, garments and leather products	1,754	1,045	1,551	859
Wood and wood products	1,316	580	648	461
Paper, printing, publishing and reproduction media	1,217	491	2,557	907
Chemicals and plastics and related products	82,429	17,181	54,067	10,861
Non-metallic mineral products (except oil)	10,189	4,602	10,865	4,282
Manufacture of Basic metals	8,242	4,370	6,164	929
Structural metal products except machinery and equipment	10,770	5,324	9,647	5,555
Metal products, machinery, equipment and devices	9,191	4,245	8,707	4,476
Furniture	482	211	2,378	886

Source: Statistics Centre - Abu Dhabi

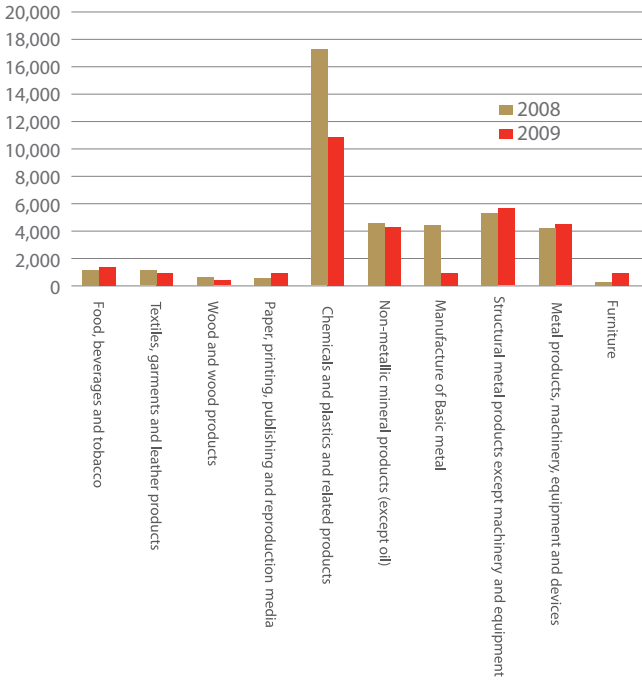
2.2.3. Paid-up Capital and Gross Fixed Capital Formation of Manufacturing Activity

(Million AED)

Type of Manufacturing Activity	2008		2009	
	Paid Up Capital	Gross Fixed Capital Formation	Paid Up Capital	Gross Fixed Capital Formation
Total	9,510	18,959	11,298	25,696
Food, beverages and tobacco	499	220	497	264
Textiles, garments and leather products	505	18	540	16
Wood and wood products	266	14	99	157
Paper, printing, publishing and reproduction media	477	79	380	189
Chemicals and plastics and related products	3,346	12,344	3,455	9,260
Non-metallic mineral products (except oil)	1,482	683	1,703	766
Manufacture of Basic metals	1,642	2,895	1,746	11,719
Structural metal products except machinery and equipment	440	410	1,467	514
Metal products, machinery, equipment and devices	760	2,274	946	2,624
Furniture	93	22	465	188

Source: Statistics Centre - Abu Dhabi

Figure 2.2.1
Value Added for the Manufacturing Activity



2.2.4. Key Statistics of the Basic Metals and Manufacturing Activity

Basic Metal and Manufacturing Activity	2007	2008	2009
Share in GDP (%)	0.3	0.6	0.2
Gross output (% of GDP)	1.1	1.2	1.2
Capital formation (% of GDP)	0.7	0.4	2.2
Compensation of employees (Million AED)	201	292	705
Imports (% of total imports)	na	1.9	2.7
Exports (% of total exports)	na	1.6	2.3

Source: Statistics Centre - Abu Dhabi

2.3. Oil and Gas

The Emirate of Abu Dhabi is one of the world's major producers of oil, which was first discovered in commercial quantities in 1958. Since then the Emirate has been able to achieve remarkable progress in the investment and development of its oil wealth and natural gas.

Abu Dhabi now ranks sixth worldwide in terms of proven oil reserves, sitting atop 7% of the world's oil reserves and accounting for 8% of OPEC's production. The Emirate also ranks seventh worldwide in terms of natural gas reserves. Oil revenues constitute the main source of funding for Abu Dhabi's programmes of sustainable development and income diversification.

The value added of this activity contributed 49.7% of the Emirate's GDP in 2010, leading the Government to adopt a plan aimed at diversifying the economic base and reducing this ratio over the course of the coming years. Such diversification is regarded as the only true guarantee of balanced and sustainable development.

There are two refineries in Abu Dhabi with a refining capacity of 600 thousand barrels per day. The Emirate intends to build a third refinery in the Emirate of Fujairah with a daily capacity of 300 thousand barrels.

2.3.1. Key Statistics of the Oil and Gas Activity

Indicators	2007	2008	2009	2010*
Share in GDP (%)	56.4	58.5	44.6	49.7
Gross output (% of GDP)	60.3	59.9	46.5	51.8
Capital formation (% of GDP)	1.6	2.6	6.3	7.1
Compensation of employees (Million AED)	4,878	7,154	7,991	10,299
Imports (% of total imports)	na	0.6	0.7	na
Exports (% of total exports)	94.3	96.6	91.5	92.5

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

2.3.2. Proven Oil and Natural Gas Reserves

Item	2005	2007	2008	2009
Oil Reserve (Billion Barrels)	92.2	92.2	92.2	92.2
Natural Gas Reserve (Trillion Cubic Feet)	198	212	212	212

Source: Abu Dhabi National Oil Company - ADNOC

2.3.3. Crude Oil Production and Exports

(Thousand Barrels)

Item	2005	2008	2009	2010
Production				
Volume	818,330	928,000	799,000	823,075*
Daily Average	2,242	2,536	2,189	2,255*
Exports				
Volume	749,080	852,072	712,994	744,525
Daily Average	2,052	2,328	1,953	2,040

Source: Abu Dhabi National Oil Company - ADNOC

Note: Production excludes condensates

*Preliminary estimates

2.3.4. Crude Oil Prices by Type

(\$/Barrel)

Type of Crude	2005	2008	2009	2010
Murban	53.1	97.8	63.5	79.2
Umm Al-Shaif	52.5	96.9	62.3	78.7
Lower Zakum	53.1	97.8	63.5	79.0
Upper Zakum	49.0	93.9	61.4	77.3
Price Average	51.9	96.6	62.7	78.5

Source: Abu Dhabi National Oil Company - ADNOC

2.3.5. Natural Gas Production and Usage

(Million cubic feet)

Item	2005	2007	2008	2009*
Production				
Annual Production	2,069,550	2,157,550	2,076,642	1,768,975
Daily Production	5,670	5,911	5,674	4,847
Usage				
Annual Usage	1,903,986	2,049,673	1,972,810	1,733,595
Daily Usage	5,216	5,616	5,390	4,750
Usage %	92	95	95	98

Source: Abu Dhabi National Oil Company - ADNOC

* Preliminary Estimates

2.3.6. Production and Exports of Liquefied Natural Gas Products

(Thousand Metric Tons)

Type of Products	2009		2010	
	Production	Exports	Production	Exports
Total	14,778	14,193	15,223	14,604
LNG	5,467	5,410	5,631	5,567
Propane	2,920	2,871	3,007	2,954
Butane	2,832	2,689	2,917	2,767
Pentane (plus)	1,822	1,843	1,877	1,896
Others (sulpher)	1,738	1,380	1,790	1,420

Source: Abu Dhabi National Oil Company - ADNOC

Note: Excluding Condensates

*Preliminary estimates

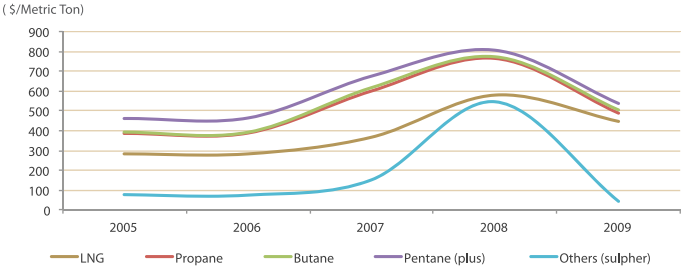
2.3.7. Prices of Liquefied Natural Gas Products

(\$/Metric Ton)

Type of Product	2005	2007	2008	2009
LNG	283	367	579	447
Propane	388	600	764	488
Butane	392	617	773	505
Pentane (plus)	464	675	806	537
Others (sulpher)	75	152	546	44

Source: Abu Dhabi National Oil Company - ADNOC

Figure 2.3.1
Prices of Liquefied Natural Gas Products



2.3.8. Production and Domestic Sales of Refined Petroleum Products

(Thousand Metric Tons)

Item	2005	2008	2009	2010
Production				
Quantity	18,034	16,380	17,468	na
Daily Average	49.4	44.8	47.9	na
Domestic Sales				
Quantity	3,473	8,769	9,360	na
Daily Average	9.5	24.0	25.6	na
Exports				
Quantity	11,049	6,796	7,391	8,288
Daily Average	30.3	18.6	20.2	22.7
Refining capacity (Thousand Barrels/ daily)	480	500	500	500

Source: Abu Dhabi National Oil Company - ADNOC

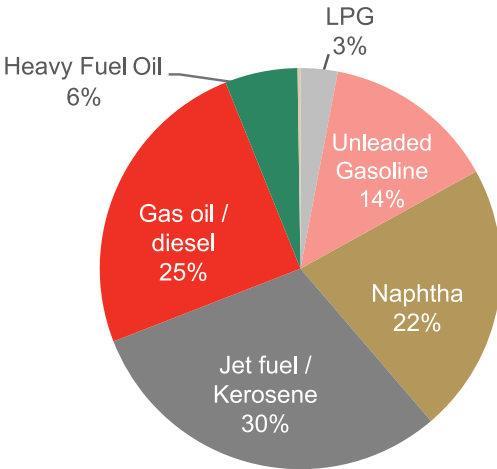
2.3.9. Production of Refined Petroleum Products

(Thousand Metric Tons)

Type of Product	2005	2007	2008	2009
Total	18,034	17,961	16,380	17,468
LPG	488.0	604.0	509.3	521.4
Unleaded Gasoline	1,429.0	2,373.0	2,163.5	2,440.0
Naphtha	4,669.0	3,749.0	3,684.7	3,804.3
Jet fuel / Kerosene	5,494.0	5,070.0	4,895.2	5,302.4
Gas oil / diesel	4,217.0	4,210.0	4,138.8	4,336.1
Heavy Fuel Oil	1,689.0	1,870.0	904.9	1,022.2
Lubricants	48.0	43.0	46.0	na
Sulphur	na	42.0	37.8	41.1

Source: ADNOC Co, ADNOC Fod Co, Takreer

Figure 2.3.2
Production of Refined Petroleum Products



2.3.10. Domestic Sales of Refined Petroleum Products

(Million Imperial Gallon)

Type of Product	Abu Dhabi Emirate		Other Emirates	
	2008	2009	2008	2009
Total	1,528	1,593	465	402
LPG	49.9	57.5	12.1	4.8
Unleaded Gasoline	447.1	500.1	154.2	173.5
Jet fuel / Kerosene	430.3	468.5	83.9	69.8
Gas oil / diesel	575.2	557.5	213.3	153.2
Heavy Fuel Oil	17.3	2.1	0.8	na
Lubricants	8.6	7.3	1.0	1.1

Source: ADNOC Co, ADNOC Fod Co, Takreer

2.3.11. Export Prices of Refined Petroleum Products

(\$/Metric Ton)

Type of Product	2005	2006	2007	2008
LPG	443	588	608	823*
Unleaded Gasoline	500	644	686	961
Naphtha	479	551	658	915
Jet fuel / Kerosene	484	639	665	1,115
Gas oil / Diesel	447	594	614	1,031
Heavy fuel Oil	263	321	361	545

Source: Abu Dhabi National Oil Company - ADNOC

*Preliminary estimates

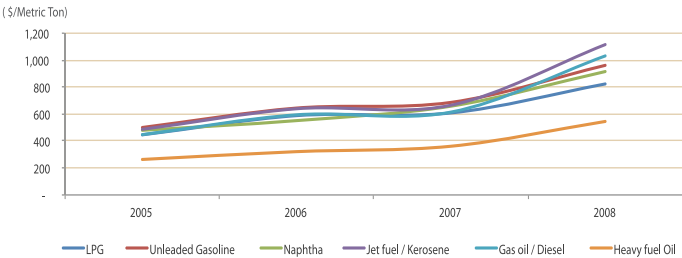
2.3.12. Exports of Refined Petroleum Products

(Thousand Metric Ton)

Type of Product	2005	2008	2009	2010
Total	11,049	6,796	7,390	8,288
Unleaded Gasoline	14	0	0	0
Naphtha	4,628	3,452	3,608	4,269
Jet fuel / Kerosene	3,968	2,541	2,815	3,219
Gas oil / Diesel	1,783	325	725	679
Heavy fuel Oil	656	478	242	121

Source: Abu Dhabi National Oil Company - ADNOC

Figure 2.3.3
Export Prices of Refined Petroleum Products



2.4. Petrochemicals

This section presents statistical indicators of the petrochemicals produced in the Emirate, such as polyethylene, used in plastic industries and chemical fertilizers, such as urea and ammonia.

2.4.1. Production and Exports of Petrochemical products

(Metric Tons)

Type of Products	2008		2009	
	Production	Exports	Production	Exports
Total	1,658,919	1,250,466	1,354,595	1,186,827
Ammonia	456,691	79,600	426,669	222,900
Urea Fertilizer	618,377	583,600	375,621	325,800
Polyethylene	583,851	587,266	552,305	638,127

Source: Abu Dhabi National Oil Company - ADNOC

2.4.2. Domestic Sales of Petrochemical products

(Metric Tons)

Type of Products	2005	2007	2008	2009
Total	43,538	113,879	121,372	81,851
Urea Fertilizer	43,538	62,355	62,318	29,299
Polyethylene	na	51,524	59,054	52,552

Source: Abu Dhabi National Oil Company - ADNOC

2.4.3. Prices of Petrochemical products

(\$/Metric Tons)

Type of Products	2005	2007	2008	2009
Ammonia	277	257.2	426.0	242
Urea Fertilizer	238	292.4	500.0	284
Polyethylene	1,134*	1,521	1,701	1,185

Source: Abu Dhabi National Oil Company - ADNOC

*Include Ethylene

2.5. Electricity and Water

Mindful of the importance of electricity and water as basic utilities, the Government of Abu Dhabi accords particular attention to the improvement and development of these activities. The current rapid development in this sector dates back to March 1998, which marked the promulgation of the law establishing the Abu Dhabi Water and Electricity Authority (ADWEA) as the higher supervisory authority regulating the water and electricity sector and implementing government policies in this regard.

At present there are 16 plants generating electricity and producing desalinated water. They are owned by seven companies, two of which are fully owned by the Emirate's government, which also holds a 60% stake in the remaining five. There are also four ADWEA affiliates dealing with water supplies and power transmission and distribution, namely, Abu Dhabi Water and Electricity Company (ADWEC), Abu Dhabi Distribution Company (ADDC), Al Ain Distribution Company (AADC) and Abu Dhabi Transmission and Dispatch Company (TRANSCO), all fully owned by the Emirate of Abu Dhabi.

In 2010 electricity consumption in the Emirate Abu Dhabi reached 40,644 GWH. The share of total electricity consumption of the Abu Dhabi region for the period under review was 63.6%, followed by Al-Ain region with 24.4% and the Western region with 12%. The Emirate's water consumption totalled 192,028 million imperial gallons, of which Abu Dhabi region consumed 60.6%, Al Ain region 26.6% and the Western region 12.8%.

2.5.1. Key Statistics of Electricity and Water Activity

Indicators	2007	2008	2009	2010*
Share in GDP (%)	2.3	2.0	2.7	2.3
Gross output (% of GDP)	2.9	2.5	3.6	3.1
Capital formation (% of GDP)	1.4	2.3	3.0	2.9
Compensation of employees (Million AED)	1,330	1,174	1,749	1,968

Source: Statistics Centre - Abu Dhabi

*Preliminary estimates

2.5.2. Electrical Power Statistics

(MWH)

Item	2005	2008	2009	2010*
Total Electricity Production by Companies	25,423,723	34,452,127	39,219,090	41,713,000
Net Electricity Transferred from Emal & Takreer	139	na	182,934	147,000
Total	25,423,862	34,452,127	39,402,024	41,860,000
Electricity Exports to Northern Emirates	na	2,974,627	4,685,857	1,216,000
Electricity consumption In Emirate of AD **	25,423,862	31,480,854	34,716,166	40,644,000
Electrical Consumption Per Capita	18.5	18.56	19.01	20.66
Electricity planned capacity (MW)	7,242	8,995	9,249	9,248

Source: Abu Dhabi Water and Electricity Company (ADWEC)

* Preliminary estimates

** Consumption include internal Electrical Consumption by Power Stations & Technical Losses Through the Network

2.5.3. Consumption of Electricity by Region

(MWH)

Region	2005	2008	2009	2010*
Total Consumption**	25,423,862	31,480,854	34,716,166	40,644,000
Abu Dhabi	16,158,411	19,803,499	22,062,262	25,829,424
Al Ain	6,849,131	7,881,926	8,474,342	9,921,348
Western Region	2,416,320	3,795,429	4,179,562	4,893,228

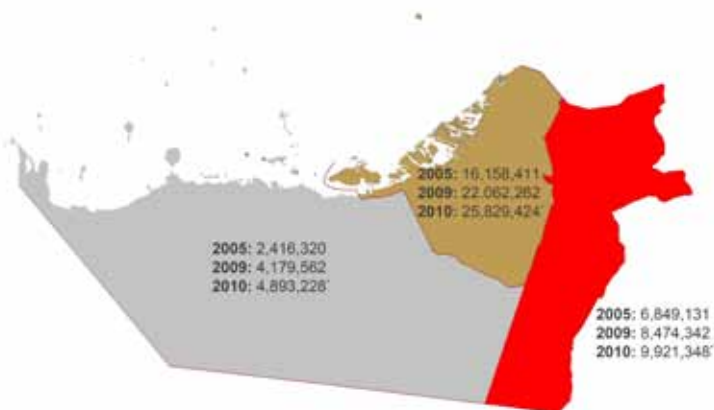
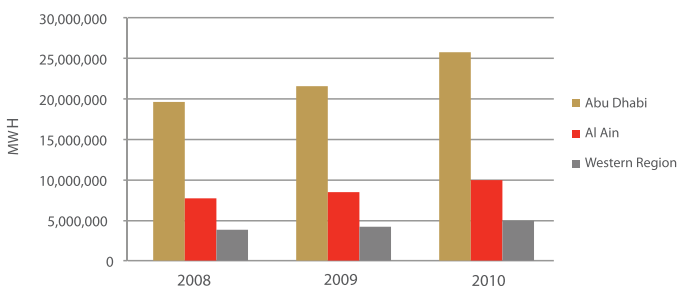
Source: Abu Dhabi Water and Electricity Company (ADWEC)

* Preliminary estimates

** 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. Electricity Consumption by Sector

(MWH)

Sector	2005	2008	2009	2010*
Total**	25,423,862	31,480,854	34,716,166	40,644,000
Domestic	9,919,427	12,281,327	13,544,932	15,857,748
Commercial	7,917,862	9,803,173	10,811,804	12,657,934
Government	4,326,170	5,356,267	5,907,364	6,916,055
Agriculture	2,292,501	2,838,365	3,130,400	3,664,920
Industry	752,456	934,976	1,027,475	1,202,917
Other Sectors	215,447	266,746	294,191	344,425

Source: Abu Dhabi Distribution Company, Al Ain Distribution Company

* Preliminary estimates

** Consumption include internal Electrical Consumption by Power Stations & Technical Losses Through the Network

2.5.5. Fuel Consumption of the Electricity and Water Activity

Item	2005	2007	2008	2009
Natural Gas (Mscft)	356,621	398,714	425,633	451,579
Crude Oil (Thousand Imperial Gallons)	7,924	66,099	481	47,914
Gas Oil (Thousand Imperial Gallons)	3,368	18,149	5,402	31,658
Fuel Oil (Thousand Imperial Gallons)	7.5	13,456	45.5	4,692

Source: Abu Dhabi Water and Electricity Company (ADWEC)

2.5.6. Fuel Consumption of the Electricity and Water Activity

(Billion BTU)

Item	2005	2007	2008	2009
Total	372,818	430,237	486,811	483,597
Natural Gas	370,973	414,062	485,757	469,726
Crude Oil	1,287	10,737	78	7,783
Gas Oil	557	3,003	894	5,239
Fuel Oil	1	2,435	82	849

Source: Abu Dhabi Water and Electricity Company (ADWEC)

2.5.7. Production, Consumption and Planned Capacity of Desalinated Water

(Million Imperial Gallons)

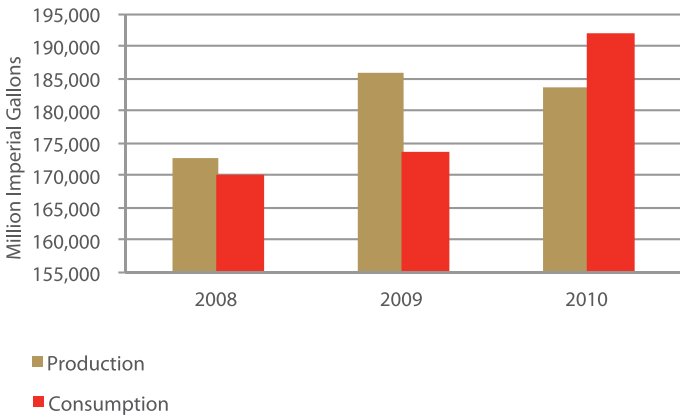
Item	2005	2008	2009	2010*
Total of Available Desalinated Water	163,241	198,648	211,448	211,793
Production	140,100	172,565	185,955	183,561
Supply from Al Fujairah Station	23,141	26,083	25,493	28,232
Consumption	146,727	170,202	173,781	192,028
Daily Consumption	402	465	476	526
Daily Average per Capita (Gallon)	293	274	261	267
Desalinated Water planned capacity (MG/D)	550	581	581	581

Source: Abu Dhabi Water and Electricity Company (ADWEC)

* Preliminary estimates

Figure 2.5.2

Production and Consumption of Desalinated Water



2.5.8. Consumption of Desalinated Water by Region

(Million Imperial Gallons)

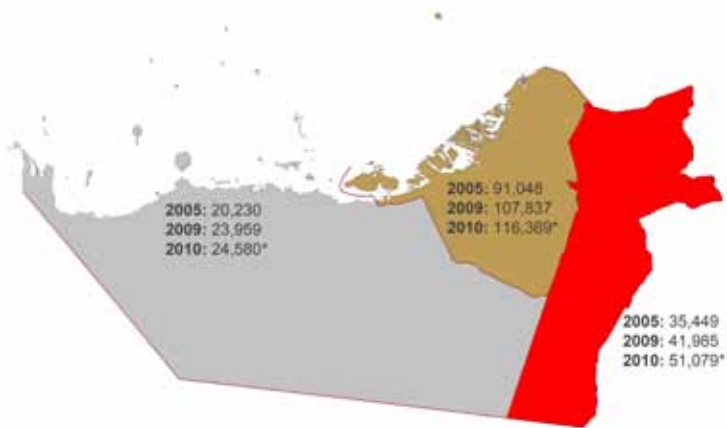
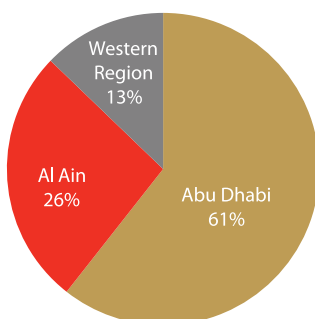
Region	2005	2008	2009	2010*
Total Consumption	146,727	170,202	173,781	192,028
Abu Dhabi	91,048	105,615	107,837	116,369
Al Ain	35,449	41,121	41,985	51,079
Western Region	20,230	23,466	23,959	24,580

Source: Abu Dhabi Water and Electricity Company (ADWEC)

* Preliminary estimates

Figure 2.5.3

Consumption of Desalinated Water by Region, 2010



2.5.9. Consumption of Desalinated Water by Sector

(Million Imperial Gallons)

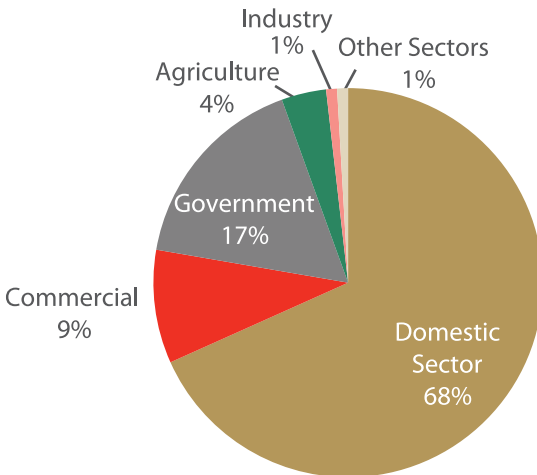
Sector	2005	2008	2009	2010*
Total	146,727	170,202	173,781	192,028
Domestic Sector	100,303	116,350	118,797	131,140
Commercial	14,016	16,259	16,601	18,093
Government	24,701	28,653	29,255	32,184
Agriculture	5,018	5,821	5,943	7,132
Industry	991	1,149	1,174	1,250
Other Sectors	1,698	1,970	2,011	2,229

Source: Abu Dhabi Distribution Company, Al Ain Distribution Company

* Preliminary estimates

Figure 2.5.4

Consumption of Desalinated Water by Sector, 2010



2.6. Construction

Building and construction activity contributed 13% to the GDP in 2010 compared with 14.8% in 2009. Building permits statistics show that the number of residential building permits issued in 2010 reached 7,747 an increase of 16.3% compared with 2009. In addition, 3,785 non-residential building permits were issued in 2010. The number of building permits issued for construction of new buildings represented 28% of the total number of building permits issued in 2010.

This section also contains information on buildings and units obtained from the housing and population census conducted in 2005, which indicates that the total number of buildings in Abu Dhabi amounted to 117,254, while the total number of housing units was 243,251 units.

2.6.1. Key Statistics of the Construction Industry

Indicators	2007	2008	2009	2010*
Share in GDP (%)	8.6	9.3	14.8	13.0
Gross Output (% of GDP)	14.3	16.5	27.4	24.1
Capital Formation (% of GDP)	0.7	0.7	0.9	0.8
Compensation of Employees (Million AED)	12,078	14,924	16,169	16,498

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.6.2. Number of Buildings by Type and Region, 2005

Type of Building	Grand Total	Abu Dhabi	Al Ain	Western Region	Islands
Total	117,254	40,008	56,540	18,669	2,037
Multistorey	4,271	3,632	519	118	2
Villa	22,345	10,803	9,565	1,910	67
Low cost house	31,008	13,434	14,245	2,734	595
One storey house	26,771	4,602	13,599	7,753	817
Shed	13,124	3,265	8,065	1,727	67
Caravan	6,296	1,365	2,137	2,456	338
Shack / Box / Tent	5,651	293	4,292	1,039	27
Others*	7,788	2,614	4,118	932	124

Source: General Census of Population, Housing and Establishments, 2005

*Others include two storey house

2.6.3. Number of Housing Units by Type and Region, 2005

Type of Building	Grand Total	Abu Dhabi	Al Ain	Western Region	Islands
Total	243,251	137,857	83,528	20,002	1,864
Flat	117,981	96,237	19,340	2,290	114
Villa	19,012	8,693	8,383	1,879	57
Part of Villa	4,290	3,141	1,077	72	0
One storey house	19,965	3,325	9,474	6,607	559
Low cost house	26,310	11,935	11,458	2,338	579
Part of low cost house	14,720	3,089	10,160	1,358	113
Separate Room	17,799	6,841	9,395	1,386	177
Shed	9,119	1,157	6,954	991	17
Caravan	5,106	1,117	1,766	2,006	217
Shack / Box / Tent	5,443	284	4,145	991	23
Others	3,506	2,038	1,376	84	8

Source: General Census of Population, Housing and Establishments, 2005

2.6.4. Number of Building Construction Permits Issued - Abu Dhabi and the Western Region

Type of Permit	2005	2006	2007	2008
Total	5,947	6,055	3,316	4,129
Commercial	67	67	134	222
Residential	705	907	852	1,401
Industry	169	192	252	229
Annex of low Cost house	1,566	957	889	174
Public Utilities	278	250	240	335
Temporary Permits*	3,162	3,682	949	1,768

Source: Department of Municipal Affairs - Municipality of Abu Dhabi

*Includes temporary building permits, such as Caravans on construction sites

2.6.5. Number of Building Construction Permits Issued - Al Ain

Type of Permit	2005	2006	2007	2008
Total	2,608	3,576	2,956	2,474
Annex of low Cost house	440	393	466	363
Residential Annexes	386	611	303	503
Residential Villas	1,459	2,128	1,770	1,262
Industrial Shops	68	88	93	124
Labour Sheds	109	136	152	66
Commercial Buildings	54	64	59	45
Government Buildings	92	156	113	111

Source: Department of Municipal Affairs - Municipality of Al Ain

2.6.6. Number of Permits Issued by Type and Region, 2009

Type of Permits	Abu Dhabi	Al Ain	Western Region
Total	8,819	2,949	855
New building	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 - Municipality of Abu Dhabi, Al Ain and the Western Region

2.6.7. Number of Permits Issued by Type and Region, 2010

Type of Permits	Abu Dhabi	Al Ain	Western Region
Total	7,268	3,377	887
New building	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 - Municipality of Abu Dhabi, Al Ain and the Western Region

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

Building Usage	Abu Dhabi	Al Ain	Western Region
Total	8,819	2,949	855
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 - Municipality of Abu Dhabi, Al Ain and the Western Region

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

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

Source: Department of Municipal Affairs - Municipality of Abu Dhabi, Al Ain and the Western Region

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

Building Usage	Type of permits			
	New Building	Permits Renewal or Amendments	Demolition	Additions and Decorations
Total*	1,425	654	264	2,614
Residential	959	491	70	2,193
Commercial	78	63	69	141
Industrial	87	50	77	120
Public Utilities	207	15	48	116
Residential and Commercial	94	35	0	44

Source: Department of Municipal Affairs - Municipality of Abu Dhabi

* Does not Include Temporary Permit and others

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

Building Usage	Type of permits			
	New Building	Permits Renewal or Amendments	Demolition	Additions and Decorations
Total*	1,502	611	89	3,678
Residential	1,267	520	68	2,477
Commercial	105	20	11	772
Industrial	128	70	10	424
Public Utilities	0	0	0	2
Residential and Commercial	2	1	0	3

Source: Department of Municipal Affairs - Municipality of Abu Dhabi

* Does not Include Temporary Permit and others

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

Building Usage	Type of permits			
	New Building	Permits Renewal or Amendments	Demolition	Additions and Decorations
Total*	908	471	185	1,312
Residential	734	336	138	898
Commercial	57	32	33	163
Industrial	80	77	12	63
Public Utilities	31	18	1	127
Agricultural	6	8	1	61
Residential & Commercial	0	0	0	0

Source: Department of Municipal Affairs - Municipality of Al Ain

* Does not Include Temporary Permit and others

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

Building Usage	Type of permits			
	New Building	Permits Renewal or Amendments	Demolition	Additions and Decorations
Total*	937	595	184	1,526
Residential	719	500	91	1,106
Commercial	39	30	15	215
Industrial	69	29	12	86
Public Utilities	28	7	3	45
Agricultural	3	9	0	44
Residential & Commercial	79	20	63	30

Source: Department of Municipal Affairs - Municipality of Al Ain

* Does not Include Temporary Permit and others

2.6.14. Number of Permits Issued by Type and Building Usage - Western Region, 2009

Building Usage	Type of permits			
	New Building	Permits Renewal or Amendments	Demolition	Additions and Decorations
Total*	153	28	5	594
Residential	88	16	3	423
Commercial	30	4	2	110
Industrial	5	0	0	3
Public Utilities	30	7	0	21
Agricultural	0	1	0	37

Source: Department of Municipal Affairs - Municipality of Western Region

* Does not Include Temporary Permit and others

2.6.15. Number of Permits Issued by Type and Building Usage - Western Region, 2010

Building Usage	Type of permits			
	New Building	Permits Renewal or Amendments	Demolition	Additions and Decorations
Total*	140	80	23	598
Residential	82	54	9	494
Commercial	6	4	2	58
Industrial	39	15	9	37
Public Utilities	10	5	3	9
Agricultural	3	2	0	0

Source: Department of Municipal Affairs - Municipality of Western Region

* Does not Include Temporary Permit and others

2.7. Transportation

Transport is considered one of the key activities in the Emirate, given its significant contribution to the GDP of 6.4% in 2010, and its role in connecting the emirate's geographical regions. Transport activity consists of three essential elements which are air, sea, and road transport and its related support services.

This chapter presents a number of statistics obtained from different sources that represent transport activity and highlights the basic components of the transport activity, such as roads, total network details and number of motor vehicles licensed in Abu Dhabi Emirate, which reached 668.8 thousand vehicles in 2009. The number of passengers through the Emirate's airports reached 11.1 million passengers in 2010, a percentage increase of 14% compared with 2009.

2.7.1. Key Statistics of Transportation and Telecommunication

Indicators	2007	2008	2009	2010*
Share in GDP (%)	6.1	5.7	7.3	6.4
Gross Output (% of GDP)	7.9	7.6	10.0	8.7
Capital Formation (% of GDP)	1.4	1.5	2.2	2.0
Compensation of Employees (Million AED)	6,884	7,609	8,331	9,003

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.7.2. Fuel Consumption Indicators

Indicator	2009	2010
Pump price for diesel fuel (AED per liter)	1.8	2.1
Pump price for gasoline (AED per liter)*	1.3	1.5
Passenger cars (per 1,000 people)	356.6	na
Vehicles (per 1,000 people)	406.9	na

Source: Statistics Centre - Abu Dhabi

*Pump price of gasoline E-Plus

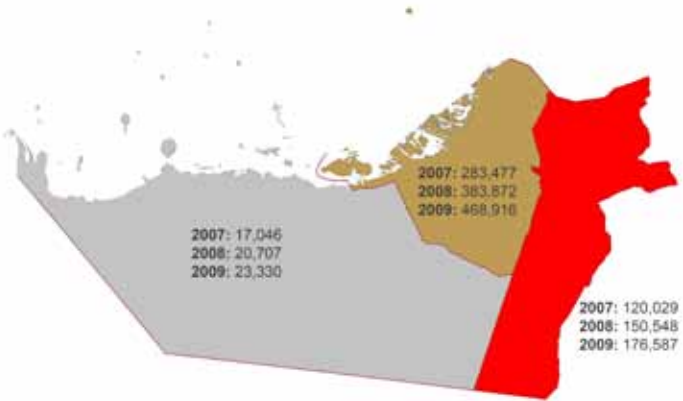
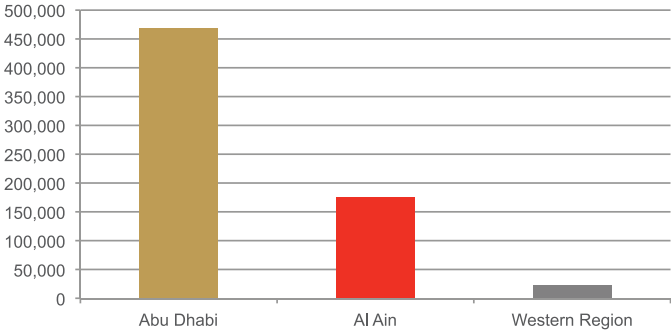
2.7.3. Motor Vehicles Licensed by Region

Type of License	2007	2008	2009
Abu Dhabi Emirate	420,552	555,127	668,833
Motorcycles	2,730	3,794	5,171
Light vehicles	368,535	486,846	586,178
Bus (light and heavy)	7,771	10,905	14,075
Light and heavy trucks	25,574	32,056	37,758
Heavy Mechanical Equipments	15,942	21,526	25,651
Abu Dhabi	283,477	383,872	468,916
Motorcycles	1,888	2,801	3,933
Light vehicles	248,047	335,433	408,699
Bus (light and heavy)	5,848	8,362	11,101
Light and heavy trucks	15,361	20,080	24,421
Heavy Mechanical Equipments	12,333	17,196	20,762
Al Ain	120,029	150,548	176,587
Motorcycles	807	931	1,142
Light vehicles	106,972	134,903	158,974
Bus (light and heavy)	1,648	2,171	2,537
Light and heavy trucks	7,609	8,970	9,926
Heavy Mechanical Equipments	2,993	3,573	4,008
Western Region	17,046	20,707	23,330
Motorcycles	35	62	96
Light vehicles	13,516	16,510	18,505
Bus (light and heavy)	275	372	437
Light and heavy trucks	2,604	3,006	3,411
Heavy Mechanical Equipments	616	757	881

Source: Ministry of Interior

Figure 2.7.1

Motor Vehicles Licensed by Region, 2009



2.7.4. Number of Vehicles by Engine Capacity

Region/Engine Capacity	2007	2008	2009
Abu Dhabi	283,477	383,872	468,916
4-cylinder 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-cylinder	798	1,087	1,445
Greater than 12-cylinder	47	104	162
Al Ain	120,029	150,548	176,587
4-cylinder 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-cylinder	258	360	436
Greater than 12-cylinder	21	38	44
Western Region	17,046	20,707	23,330
4-cylinder 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-cylinder	82	91	108
Greater than 12-cylinder	1	3	0

Source: Ministry of Interior

2.7.5. Number of Vehicles by Plate Type and Region

Region/Plate Type	2007	2008	2009
Abu Dhabi	283,477	383,872	468,916
Taxi	2,570	4,759	6,777
Ceremonies	183	225	273
Driver training	227	443	667
Private	238,014	320,030	389,536
Motorcycle	1,972	2,883	4,014
International organization	66	86	109
Public transport	39,841	54,644	66,534
Diplomatic	604	802	1,006
Al Ain	120,029	150,548	176,587
Taxi	1,809	1,860	1,945
Driver training	82	138	292
Private	103,512	130,414	153,123
Motorcycle	934	1,058	1,269
Public transport	13,692	17,078	19,958
Western Region	17,046	20,707	23,330
Taxi	0	0	0
Private	13,109	16,026	17,636
Motorcycle	35	62	96
Public transport	3,902	4,619	5,598

Source: Ministry of Interior

2.7.6. Driving Licenses Issued by Type of License and Region

Region/Type of license	2005	2007	2008	2009
Abu Dhabi	452,187	523,696	588,164	662,683
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
Al Ain	213,346	237,397	251,000	274,189
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
Western Region	19,500	28,171	33,243	38,501
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. External Road Details, 2010

(length in Km)

Region	Length			
	4Lanes×2	3Lanes×2	2Lanes×2	2Lanes×1
Total	144.0	195.2	939.3	907.2
Abu Dhabi	144.0	77.5	133.3	356.3
Al Ain	0.0	117.7	284.1	452.9
Western	0.0	0.0	521.9	98.0

Source: Department of Transport

2.7.8. Lengths of Internal Roads, 2010

(length in Km)

Region	Total Lengths of Roads
Total	8,379
Al Ain	1,227
Western Region	485
Abu Dhabi	6,667

Source: Department of Municipal Affairs - Municipality of Abu Dhabi, Al Ain and the Western Region

2.7.9. Aircraft Movement by Airport and Month

Airport / Month	2005	2008	2009	2010
Abu Dhabi International Airport*	76,633	93,163	102,118	135,715
January	6,724	7,826	8,049	11,846
February	6,255	7,128	7,480	10,460
March	6,268	7,818	8,171	11,536
April	6,118	7,810	8,218	10,844
May	6,442	7,875	8,612	11,613
June	6,421	7,460	8,593	11,148
July	6,332	7,642	8,548	10,857
August	6,468	7,829	8,802	11,402
September	6,293	7,653	8,285	10,946
October	6,305	7,905	9,131	11,532
November	6,305	8,224	9,287	11,689
December	6,702	7,993	8,942	11,842
Al Ain International Airport	2,636	2,786	3,274	na
January	296	313	377	na
February	235	278	356	na
March	222	288	320	na
April	186	169	211	na
May	216	153	307	na
June	238	194	297	na
July	190	219	342	na
August	193	270	218	na
September	213	198	161	na
October	170	234	235	na
November	190	206	258	na
December	287	264	192	na

Source: Abu Dhabi Airport Company

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

2.7.10. Air Transport by Airport, Passengers and Freight

Item	2005	2008	2009	2010
Abu Dhabi International Airport*				
Aircraft Movement	76,633	93,163	102,118	135,715
Passengers:				
Arrival	2,482,092	4,456,580	4,724,183	5,419,321
Departure	2,458,410	4,231,132	4,650,448	5,343,809
Transit	537,974	329,188	297,694	272,166
Freights (tons):				
In	112,828	187,219	204,120	229,021
Out	100,896	166,601	174,626	208,790
Mail (tons):				
In	807	1,066	1,860	2,113
Out	776	1,096	1,923	2,411
Al Ain International Airport				
Aircraft Movement	2,636	2,786	3,274	68,545
Passengers:				
Arrival	35,041	38,400	34,476	39,395
Departure	42,910	34,123	33,683	43,318
Transit	49,102	78,759	24,230	9,052
Freights (tons):				
In	350	522	658	407
Out	1,045	2,466	1,982	1,354
Mail (tons):				
In	0.13	0.14	0.39	0.00
Out	0.01	0.00	0.31	0.00

Source: Abu Dhabi Airports Company

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

2.7.11. Air Cargo Discharged By Region

(Tons)

Region	2005	2008	2009	2010
Total	113,178	187,741	204,778	229,428
GCC	5,688	8,529	8,422	7,476
Other Arab	11,173	10,958	11,231	9,539
Asia (Except Arab)	48,585	109,036	99,129	112,952
Europe	42,856	47,009	66,591	72,622
North America	168	3,981	3,584	6,546
South America	10	0	111	0
Africa (Except Arab)	245	2,726	7,081	8,800
Australia	12	5,095	8,630	11,493
Others	4,441	407	0	0

Source: Abu Dhabi Airports Company

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

2.7.12. Air Cargo loaded by Region of Destination

(Tons)

Region	2005	2008	2009	2010
Total	101,941	169,067	176,608	210,144
GCC	16,325	35,969	33,771	30,929
Other Arab	16,195	13,303	15,491	20,205
Asia (Except Arab)	22,895	47,205	33,004	43,383
Europe	41,889	53,470	69,344	79,175
North America	261	4,826	4,762	6,786
South America	0	2	0	118
Africa (Except Arab)	397	8,835	11,477	19,099
Australia	1	4,296	8,758	10,449
Others	3,978	1,161	0	0

Source: Abu Dhabi Airports Company

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

2.7.13. Air Passengers Arrivals by Region of Embarkation

Region	2005	2008	2009	2010
Total	2,517,133	4,494,980	4,758,659	5,458,716
GCC	640,458	997,195	1,070,197	1,117,530
Other Arab	344,287	518,752	520,404	595,329
Asia (Except Arab)	1,094,406	1,912,292	1,802,792	2,008,785
Europe	432,234	779,499	1,001,891	1,175,683
North America	3,204	102,619	86,578	163,806
South America	51	86	18	265
Africa (Except Arab)	2,327	60,502	56,085	62,398
Australia	0	123,839	215,003	233,215
Others	166	196	5,691	101,705

Source: Abu Dhabi Airports Company

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

2.7.14. Air Passengers Departures by Region Disembarkation

Region	2005	2008	2009	2010
Total	2,501,320	4,265,255	4,684,131	5,387,127
GCC	657,257	905,633	991,754	963,628
Other Arab	373,511	540,452	555,378	603,145
Asia (Except Arab)	1,048,476	1,718,665	1,745,659	2,054,660
Europe	418,244	816,169	1,033,032	1,194,648
North America	2,392	115,966	83,245	174,284
South America	0	0	32	0
Africa (Except Arab)	1,438	56,686	58,678	64,909
Australia	2	111,684	210,772	229,049
Others	0	0	5,581	102,804

Source: Abu Dhabi Airports Company

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

2.7.15. Main Indicators of Goods Vessels Movement in Zayed Port

Item	2005	2008	2009	2010
Number of Vessels	2,064	2,490	2,123	2,086
Container TEUs*				
Total TEUs	230,354	390,087	530,271	521,156
Discharged	113,538	200,342	263,648	257,302
Loaded	116,816	189,745	266,623	263,854
General Cargo (metric tons)				
Total cargo	1,823,692	5,122,866	4,914,168	5,257,809
Discharged	1,803,626	5,078,297	4,801,450	5,173,363
Loaded	20,066	44,569	112,718	84,446
Vehicle Unit				
Total Units	48,718	92,944	37,951	62,352
Discharged	43,446	90,229	37,078	61,910
Loaded	5,272	2,715	873	442

Source: Abu Dhabi Terminals

* Twenty-foot Equivalent Unit

2.7.16 Vessels Turnaround

Item	2007	2008	2009	2010
Number of Vessels	2,452	2,490	2,123	2,086
Total turnaround (Hours)	57749:15	71629:23	68023:49	80277:46
Average Turnaround	0.98	1.20	1.34	1.60
Total Stay (Hours)	59921:31	73372:13	81403:47	83267:59
Total Gross Tonnage (M.T)	29,225,425	26,509,308	36,592,129	41,123,157

Source: Abu Dhabi Terminals

2.7.17. Distribution of Container TEUs Incoming and Outgoing In Zayed Port by Region

Region	2009		2010	
	Incoming	Outgoing	Incoming	Outgoing
Total	263,648	262,540	257,302	261,543
United Arab Emirates*	34,908	189,318	55,296	195,730
Other GCC Countries	3,309	3,969	4,381	5,009
Total Middle East (Non- GCC)	2,084	6,545	849	5,742
Indian Sub Cont	15,003	14,354	6,098	11,058
South East Asia	13,435	5,042	13,826	8,581
Far East	32,935	13,919	31,101	16,906
North Africa	7,397	5,390	9,179	5,033
South Africa	1,896	455	1,619	667
East Africa	4,389	1,232	4,521	1,355
West Africa	199	132	208	196
Western Europe	34,540	1,561	29,338	1,280
Mediterranean	56,588	4,218	47,148	2,772
Scandinavia	865	61	916	59
Eastern Europe	2,777	44	3,996	14
North America	48,492	583	45,809	970
Caribbean	0	133	1	50
Central America	27	111	611	103
South America	3,016	224	1,504	141
Australasia	1,785	635	898	440
Others	3	14,614	3	5,437

Source: Abu Dhabi Terminals.

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

2.8. Information and Communication Technology

With the growing importance of information and communication technology (ICT) in all aspects of life, the Government of Abu Dhabi has shown increasing interest in recent years in developing ambitious national plans to enhance ICT infrastructure and encourage domestic and foreign investment in knowledge based and high-tech fields, provide access to Internet services in the early stages of education and expand it to include all segments of society.

In this respect, the number of Internet subscribers in the Emirate rose to 401 thousand or 20.4% of the Emirate's total population in 2010, compared with only 17.7% in 2009. The Government of Abu Dhabi is steadily evolving into an excellent provider of quality services to nationals and residents through gradually adopting the concept of electronic government.

This section reflects a number of important statistics on ICT in the Emirate of Abu Dhabi, where the mobile cellular subscribers increased by 9% in 2010 compared with 2009.

2.8.1. Information and Communication Technology Indicators

(%)

Indicators	2007	2008	2009	2010
Internet subscribers per 100 inhabitants	11	16	18	20
Fixed telephone subscribers per 100 inhabitants	15	14	13	14
Mobile cellular subscribers per 100 inhabitants	125	149	159	161
Population covered by mobile network	100	100	100	100

Source: Telecommunications Regulatory Authority

2.8.2. Key Telecommunication Statistics

(Thousand)

Item	2007	2008	2009	2010
Number of fixed telephone line	231	234	235	269
Number of Internet subscriptions	168	270	323	401
Number of Mobile lines	1,975	2,530	2,898	3,161

Source: Telecommunication Regulatory Authority

2.8.3. Tariffs of Telecommunications Services

(AED/Month)

Type of Services	Tariff	
	2009	2010
Consumer fixed broadband Internet access tariff (256 kbps)	149	149
Business fixed broadband Internet access tariff (512 kbps)	775	775
Fixed line telephone tariff:		
Home User	15	15
Business User	50	50
Mobile cellular prepaid tariff (100 minutes/month)	30	30

Source: Emirates Telecommunication Corporation.

2.8.4. Post Offices and Mail Boxes

Item	2005	2008	2009	2010
Number of Post Offices	22	30	34	35
Number of Private Mail Boxes	100,516	113,371	127,627	132,480
Number of Mail Boxes	341	228	227	182

Source: Emirates Post

2.8.5. Postal Traffic by Type

Postal Traffic	2008	2009	2010
Registered Letters			
Internal	152,445	859,653	795,225
External outgoing	79,502	157,708	151,048
External Incoming	200,967	188,737	148,653
Parcels			
Internal	604	1,454	349
External outgoing	23,084	23,870	23,576
External Incoming	22,373	29,836	27,190
Express Mail			
Internal	10,005	14,184	12,634
External outgoing	51,296	56,528	62,595
External Incoming	62,227	62,386	60,791

Source: Emirates Post

2.8.6. Daily Distribution of Local Newspapers by Months, 2010

Month	2010
Total	48,006,546
January	4,177,535
February	3,772,912
March	4,180,074
April	3,936,209
May	4,118,378
June	3,988,379
July	3,981,292
August	3,994,185
September	3,833,399
October	4,162,315
November	3,872,016
December	3,989,852

Source: Local Newspapers

2.9. Hotels

The government of Abu Dhabi pays particular attention to the tourism sector to function as a new development catalyst within the Abu Dhabi 2030 vision. Due to the importance of this vital sector in the agenda of Abu Dhabi government, which aims to diversify the economy and increase sources of income, Statistics Centre-Abu Dhabi has paid special attention to hotel indicators, which have grown significantly in recent years.

The number of hotel establishments in Abu Dhabi remained unchanged at 115 in 2010. However, the number of hotel rooms increased by 8.1% over the same period. This rise in the capacity of hotels reduced the occupancy rate from 72.2% in 2009 to 64.7% in 2010, even though the number of hotel and hotel apartments guests rose by 17.7% in 2010.

Figures also point to a rise in the number of guests for all nationalities to 23.1% except Europe nationals, for whom the number declined by about 3%. Likewise, in 2010 the number of guestnights increased by 18.8% for all nationalities, except for guests from Australia and Pacific for whom guestnights declined by 10%.

There was a slight decline of 2% in the revenue of hotels and hotel apartments in 2010, although the number of guests have increased by 17.7%, mainly due to the decline in the prices of hotel rooms in 2010.

2.9.1. Key Statistics of Hotel Establishments Activity

Item	2007	2008	2009	2010
Number of Hotel Establishments	77	97	115	115
Number of Rooms	10,192	12,727	17,424	18,832
Number of Guests (Thousand)	1,450	1,503	1,540	1,812
Number of Guestnights (Thousand)	4,275	4,673	4,319	5,132
Average Length of Stay (In Days)	3.0	3.1	2.8	2.8
Annual Occupancy Rate % (Hotel + Hotel Apartments)	81.4	83.6	72.2	64.7

Source: Abu Dhabi Tourism Authority

2.9.2. Hotel Establishments Indicators by Type, 2010

Item	Hotel	Hotel Apartments	Total
Number of Hotel Establishments	67	48	115
Number of Rooms	13,720	5,112	18,832
Number of Guests (Thousand)	1,454	358	1,812
Number of Guestnights (Thousand)	3,496	1,636	5,132
Number of Hotel Room (Thousand)	2,656	1,286	3,943
Average Length of Stay (In Days)	2.4	4.6	2.8
Annual Occupancy Rate % (Hotel + Hotel Apt.)	60.7	74.9	64.7
Average Revenue of Hotel Rooms (AED)	624.6	447.5	567.3
Average Revenue of Available Room (AED)	379.2	335.2	366.9

Source: Abu Dhabi Tourism Authority

2.9.3. Hotel Establishments Indicators by Region, 2010

Item	Abu Dhabi	Al Ain	Western Region	Total
Number of Guests (Thousand)	1,474	263	74	1,812
Number of Guestnights (Thousand)	4,458	470	204	5,132
Number of Hotel Room (Thousand)	3,461	338	144	3,943
Average Length of Stay (In days)	3.0	1.8	2.8	2.8
Annual Occupancy Rate % (Hotel + Hotel Apt.)	65.5	60.8	56.1	64.7
Average Revenue of Hotel Rooms (AED)	570	496	674	567
Average Revenue of Available Room (AED)	373	302	378	367

Source: Abu Dhabi Tourism Authority

2.9.4. Guests for Hotel Establishments by Nationality and Hotel Classification, 2010

Nationality	5- star	4- star	<= 3 stars*	Hotel Apartment	Total
Total	622,370	375,652	456,068	357,921	1,812,011
UAE	290,993	144,961	177,959	138,864	752,777
Other GCC	35,890	15,382	26,794	24,001	102,067
Other Arab	38,253	32,488	73,327	62,762	206,830
Asia (Except Arab)	48,691	35,876	85,304	62,956	232,827
Australia and Pacific	11,606	8,898	5,683	4,525	30,712
Africa (Except Arab)	4,726	3,569	4,408	3,388	16,091
Europe	135,415	86,167	58,413	36,706	316,701
North and South America	48,548	25,451	16,788	17,516	108,303
Not Specified	8,248	22,860	7,392	7,203	45,703

Source: Abu Dhabi Tourism Authority

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

2.9.5. Guestnights for Hotel Establishments by Nationality and Hotel Classification, 2010

Nationality	5- star	4- star	<= 3 stars*	Hotel Apartment	Total
Total	1,529,144	960,735	1,006,469	1,635,975	5,132,323
UAE	559,306	236,899	294,303	257,762	1,348,270
Other GCC	72,188	34,296	42,125	51,614	200,223
Other Arab	92,047	72,094	162,576	216,609	543,326
Asia (Except Arab)	119,687	86,014	208,048	353,416	767,165
Australia and Pacific	30,381	23,469	12,625	41,011	107,486
Africa (Except Arab)	14,535	12,601	17,257	19,581	63,974
Europe	449,564	327,950	196,956	398,997	1,373,467
North and South America	164,993	112,589	54,386	255,743	587,711
Not Specified	26,443	54,823	18,193	41,242	140,701

Source: Abu Dhabi Tourism Authority

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

Guestnights for Hotel Establishments by Nationality, 2010



■ UAE 1,348,270	■ Australia and Pacific 107,486
■ Other GCC 200,223	■ Africa (Except Arab) 63,974
■ Other Arab 543,326	■ Europe 1,373,467
■ Asia (Except Arab) 767,165	■ North and South America 587,711

2.9.6. Guests of Hotel Establishments by Nationality

Nationality	2007	2008	2009	2010
Total	1,449,625	1,502,954	1,540,258	1,812,011
UAE	479,264	516,243	650,585	752,777
Other GCC	108,141	96,280	85,670	102,067
Other Arab	154,094	155,893	158,797	206,830
Asia (Except Arab)	222,634	192,369	173,921	232,827
Australia and Pacific	18,984	28,970	26,013	30,712
Africa (Except Arab)	20,034	20,051	13,569	16,091
Europe	327,239	360,413	325,392	316,701
North and South America	78,770	102,137	92,696	108,303
Not Specified	40,465	30,598	13,615	45,703

Source: Abu Dhabi Tourism Authority

2.9.7. Guestnights for Hotel Establishments by Nationality

Nationality	2007	2008	2009	2010
Total	4,275,063	4,673,494	4,318,504	5,132,323
UAE	1,075,851	1,081,783	1,117,628	1,348,270
Other GCC	212,220	192,722	163,247	200,223
Other Arab	485,824	457,666	446,668	543,326
Asia (Except Arab)	617,920	679,418	654,807	767,165
Australia and Pacific	66,805	104,970	119,484	107,486
Africa (Except Arab)	66,699	78,830	53,233	63,974
Europe	1,301,987	1,517,132	1,272,993	1,373,467
North and South America	300,743	428,663	444,646	587,711
Not Specified	147,014	132,310	45,798	140,701

Source: Abu Dhabi Tourism Authority

2.9.8. Average Guestnights for Hotel Establishments by Nationality

Nationality	2009	2010	Difference	Percentage Change
Average	2.80	2.83	0.03	1.10
UAE	1.72	1.79	0.07	4.10
Other GCC	1.91	1.96	0.05	2.60
Other Arab	2.81	2.63	-0.18	-6.40
Asia (Except Arab)	3.76	3.30	-0.46	-12.20
Australia and Pacific	4.59	3.50	-1.09	-23.70
Africa (Except Arab)	3.92	3.98	0.06	1.50
Europe	3.91	4.34	0.43	11.00
North and South America	4.80	5.43	0.63	13.10
Not Specified	3.36	3.08	-0.28	-8.30

Source: Abu Dhabi Tourism Authority

2.9.9. Occupancy Rate for Hotel Establishments by Month

Nationality	2009	2010	Percentage Change
Average	72.17	64.68	-10.40
January	78.26	60.50	-22.70
February	83.35	66.59	-20.10
March	83.50	70.52	-15.50
April	79.35	64.62	-18.60
May	73.92	61.24	-17.20
June	71.34	61.06	-14.40
July	68.43	59.22	-13.50
August	64.96	51.42	-20.80
September	66.13	61.02	-7.70
October	78.09	72.02	-7.80
November	65.25	77.15	18.20
December	59.71	70.20	17.60

Source: Abu Dhabi Tourism Authority

2.9.10. Total Revenue of Hotel Establishments

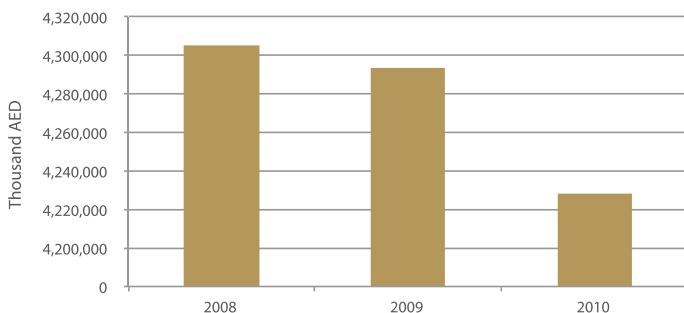
(Thousand AED)

Item	2007	2008	2009	2010
Total revenue	2,809,297	4,304,871	4,293,074	4,228,399
Room revenue	1,610,552	2,660,413	2,582,842	2,268,913
Food & beverage revenue	851,704	1,311,305	1,378,928	1,507,387
Other revenue	347,041	333,153	331,303	452,099

Source: Abu Dhabi Tourism Authority

Figure 2.9.1

Total Revenue of Hotel Establishments





3- Population and Demography

- Population
- Births and Deaths
- Marriage and Divorce
- Migration

3. Population and Demography

This chapter presents data on the size, distribution and structure of the population of the Abu Dhabi Emirate. Included in this chapter are also figures on births, deaths, marriages and divorce, and also on arrivals and departures of individuals to and from the Emirate.

The Abu Dhabi Census 2011 is scheduled to take place during the final quarter of the current year. The Census will provide the most comprehensive, accurate, and updated database about all the people of the Emirate of Abu Dhabi and on their demographic characteristics, for both nationals and non-nationals. The pre-census population estimates in the 2011 Statistical Yearbook are therefore subject to revision after the results of the Abu Dhabi Census 2011 become available in the first half of 2012.

Results of the second phase of the population project prepared by SCAD reveal that the population of the emirate of Abu Dhabi totaled 1,967,659 in mid-2010, including 1,379,618 males and 588,041 females, meaning that the number of males is almost double the female number. In terms of distribution of the population by regions, results show that the number of people who are living in the Abu Dhabi region was 1,197,284 or 60.8% of the total population for the Emirate. Similarly, Al Ain accommodated 568,221 or 28.9% of the Emirate, there were 184,508 or 9.4% in the Western Region and finally 17,646 or 0.9% in the Islands.

The 2010 population pyramid for Abu Dhabi nationals shows a broad-based age sex structure and smaller population size in older age cohorts. The population pyramid indicates a society with declining mortality over the past 20-30 years while maintaining high fertility.

Population estimates by age structure of nationals by broad age-groups are 40.2% below 15 years of age, 57.5% are 15 to 64 years and 2.2% are 65 years and over. In 2010 crude birth and death rates among nationals were 31.1 births per 1000 people and 2.2 deaths per 1000 people respectively.

The average annual population growth rate markedly declined from 10.4% between 1975 and 1985 to 4.0% between 1995 and 2005. The corresponding figures for nationals were 9.5% (1975-1985) and 4.6% (1995-2005), whereas for non-nationals the figures were 10.6% (1975-1985) and 3.8% (1995-2005). The 2010 frame updating project indicates that the Abu Dhabi Emirate had very strong population growth between 2005 and 2010, with annual growth rates exceeding 7.7% per year.

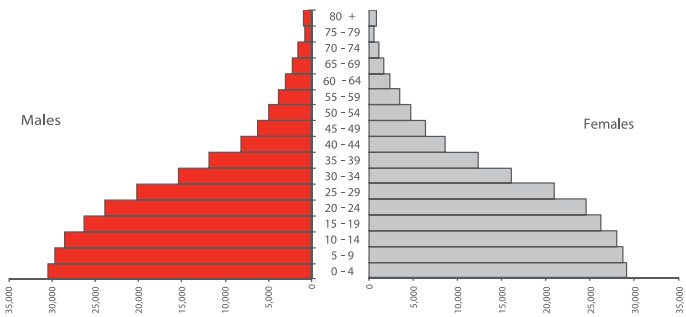
Total Population (Mid -Year Estimate)	1,967,659
Males	1,379,618
Females	588,041
Age Dependency Ratio	28.0
Age Dependency Ratio, Old	1.0
Age Dependency Ratio, Young	27.0
Urban Population	1,289,247
Rural Population	678,412
Percentage of the Population Residing in Rural Areas (%)	34.5
Average Annual Population Growth Rate (2005- 2010) (%)	7.7
General Fertility Rate (Births Per 1000 Women Aged 15 - 49 Years)	80.2
Crude Birth Rate (Per 1000 Population)	14.9
Crude Death Rate (Per 1000 Population)	1.5
Infant Mortality Rate (Per 1000 Live Births)	8.0
Under 5 Mortality Rate (Per 1000 Live Births)	10.0
Life Expectancy at Birth for Males (Years)	74.9
Life Expectancy at Birth for Females (Years)	77.0
Singulate Median Age at First Marriage for Males (Years)	26.6
Singulate Median Age at First Marriage for Females (Years)	25.5

3.1. Population

According to results of the population censuses, the total population of the Abu Dhabi emirate was 211,812 people in 1975. This figure increased to 1,399,484 people in 2005. The population of the Emirate was estimated at about 1,967,659 people in 2010, indicating that in the 35 years from 1975 to 2010 the population of the Abu Dhabi Emirate grew about 9.3 times. About 22% of the population are Emirati nationals, and approximately 46% of the Emirate's populations reside in Abu Dhabi City.

The population density of Abu Dhabi Emirate in 2010 was 33 persons per square kilometre. The population density in Abu Dhabi region, Al-Ain region and the Western Region & Islands was 110,42, and 6 persons per square kilometre respectively.

Figure 3.1.1
Population Pyramid for Nationals, Mid 2010 *



Source: Statistics Centre - Abu-Dhabi

*Estimates are based on the preliminary results of Census (Phase 2) Conducted by SCAD in 2010

3.1.1. Population By Gender and Nationality From Population Censuses

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

Source: Department of Economic Development

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

(%) per annum

	1975-1985	1985-1995	1995-2005	2005-2010*
Grand Total	10.4	5.2	4.0	7.7
Males	9.4	5.5	3.6	9.1
Females	12.6	4.6	5.0	4.9
Nationals	9.5	5.1	4.6	4.8
Males	9.1	4.9	4.6	4.7
Females	9.9	5.2	4.7	4.9
Non- Nationals	10.6	5.3	3.8	8.7
Males	9.5	5.6	3.4	10.1
Females	14.5	4.3	5.1	4.9

Source: Statistics Centre - Abu Dhabi

*2010 Estimates are based on preliminary results of Census (Phase 2) conducted by SCAD in 2010

3.1.3. Population Density (Per Square Kilometre) By Region

Region	2005	2008	2009	2010
Abu Dhabi Emirate	23	29	31	33
Abu Dhabi Region	74	93	101	110
Al Ain Region	33	39	41	42
Western Region & Islands	3	5	5	6

Source: Statistics Centre - Abu Dhabi

3.1.4. Population Estimates by Region and Gender, Mid 2005 and Mid 2010*

Region / Year	Males	Females	Total
Abu Dhabi Emirate			
2005	911,864	462,305	1,374,169
2010	1,379,618	588,041	1,967,659
Abu Dhabi			
2005	523,502	285,542	809,044
2010	830,794	366,490	1,197,284
Al Ain			
2005	292,973	151,684	444,657
2010	377,694	190,527	568,221
Western Region			
2005	85,156	23,395	108,550
2010	155,623	28,885	184,508
Islands			
2005	10,233	1,685	11,918
2010	15,507	2,139	17,646

Source: Statistics Centre - Abu Dhabi

*Preliminary Results of Census (Phase 2) Conducted by SCAD in 2010

3.1.5. Estimated Population (Mid years) by Region, Nationality and Gender

Region / Nationality / Gender	2005	2008	2009	2010
Grand Total	1,374,169	1,695,788	1,826,673	1,967,659
Abu Dhabi Region	809,044	1,016,651	1,103,263	1,197,284
Nationals	177,637	205,884	216,830	228,225
Males	91,366	104,416	109,335	114,432
Females	86,271	101,468	107,495	113,793
Non- Nationals	631,406	810,767	886,433	969,059
Males	432,136	580,108	644,950	716,362
Females	199,271	230,659	241,483	252,697
Al Ain Region	444,657	516,689	542,185	568,221
Nationals	143,939	163,780	170,376	177,128
Males	70,345	80,587	84,079	87,660
Females	73,595	83,193	86,297	89,468
Non- Nationals	300,718	352,909	371,809	391,093
Males	222,629	261,426	275,616	290,034
Females	78,089	91,483	96,193	101,059
Western Region	108,550	147,433	164,938	184,508
Nationals	20,228	23,135	24,164	25,220
Males	10,640	12,489	13,154	13,843
Females	9,588	10,646	11,010	11,377
Non- Nationals	88,322	124,298	140,774	159,288
Males	74,516	108,309	124,036	141,780
Females	13,806	15,989	16,738	17,508
Islands	11,918	15,015	16,287	17,646
Nationals	2,545	2,930	3,071	3,215
Males	1,510	1,740	1,820	1,904
Females	1,035	1,190	1,251	1,311
Non- Nationals	9,373	12,085	13,216	14,431
Males	8,723	11,330	12,427	13,603
Females	650	755	789	828

Source: Statistics Centre - Abu Dhabi

*(2008-2010) Estimates are based on preliminary results of Census (Phase 2) conducted by SCAD in 2010

3.1.6. Population Estimates by Age Group, Nationality and Gender, Mid 2010

Age Group	Nationals		Non - Nationals	
	Males	Females	Males	Females
Total	217,839	215,949	1,161,779	372,092
0 - 4	30,569	29,088	47,041	35,892
5 - 9	29,644	28,675	46,959	35,368
10 - 14	28,499	28,033	43,028	31,846
15 - 19	26,253	26,261	36,676	27,605
20 - 24	23,848	24,474	94,995	43,104
25 - 29	20,151	20,916	183,333	51,622
30 - 34	15,364	16,078	202,398	47,132
35 - 39	11,835	12,421	172,294	37,297
40 - 44	8,212	8,626	134,329	26,864
45 - 49	6,205	6,379	99,420	17,263
50 - 54	4,900	4,762	61,862	9,752
55 - 59	3,864	3,509	28,505	4,135
60 - 64	3,089	2,428	7,448	1,795
65 - 69	2,281	1,690	2,015	917
70 - 74	1,491	1,103	896	662
75 - 79	723	668	274	332
80 +	911	839	305	509

Source: Statistics Centre - Abu Dhabi

3.1.7. Population Estimates by Age Group and Gender, Mid 2010

Age Group	Males	Females	Total
Total	1,379,618	588,041	1,967,659
0-4	77,610	64,980	142,590
5-9	76,604	64,042	140,646
10-14	71,526	59,879	131,406
15-19	62,929	53,866	116,794
20-24	118,843	67,577	186,420
25-29	203,484	72,538	276,021
30-34	217,763	63,210	280,972
35-39	184,129	49,717	233,846
40-44	142,540	35,489	178,030
45-49	105,625	23,642	129,267
50-54	66,763	14,514	81,277
55-59	32,369	7,645	40,013
60-64	10,537	4,223	14,760
65-69	4,296	2,606	6,903
70-74	2,387	1,765	4,152
75-79	997	999	1,996
80+	1,216	1,347	2,564

Source: Statistics Centre - Abu Dhabi

3.1.8. National Population Estimates by Age Group and Gender, Mid 2010

Age Group	Males	Females	Total
Total	217,839	215,949	433,788
0-4	30,569	29,088	59,657
5-9	29,644	28,675	58,319
10-14	28,499	28,033	56,532
15-19	26,253	26,261	52,514
20-24	23,848	24,474	48,322
25-29	20,151	20,916	41,067
30-34	15,364	16,078	31,442
35-39	11,835	12,421	24,256
40-44	8,212	8,626	16,837
45-49	6,205	6,379	12,585
50-54	4,900	4,762	9,663
55-59	3,864	3,509	7,373
60-64	3,089	2,428	5,517
65-69	2,281	1,690	3,971
70-74	1,491	1,103	2,594
75-79	723	668	1,390
80+	911	839	1,749

Source: Statistics Centre - Abu Dhabi

3.1.9. Non-National Population Estimates by Age Group and Gender, Mid 2010

Age Group	Males	Females	Total
Total	1,161,779	372,092	1,533,871
0-4	47,041	35,892	82,933
5-9	46,959	35,368	82,327
10-14	43,028	31,846	74,874
15-19	36,676	27,605	64,281
20-24	94,995	43,104	138,099
25-29	183,333	51,622	234,954
30-34	202,398	47,132	249,530
35-39	172,294	37,297	209,591
40-44	134,329	26,864	161,192
45-49	99,420	17,263	116,683
50-54	61,862	9,752	71,614
55-59	28,505	4,135	32,640
60-64	7,448	1,795	9,244
65-69	2,015	917	2,932
70-74	896	662	1,558
75-79	274	332	605
80+	305	509	814

Source: Statistics Centre - Abu Dhabi

3.1.10. Population Estimates by Age Group and Gender - Abu Dhabi Region, Mid 2010

Age Group	Males	Females	Total
Total	830,794	366,490	1,197,284
0-4	45,064	39,703	84,767
5-9	44,528	39,129	83,657
10-14	41,502	36,399	77,901
15-19	36,405	32,585	68,991
20-24	71,102	42,169	113,271
25-29	123,630	46,079	169,709
30-34	132,871	40,480	173,352
35-39	112,455	31,874	144,329
40-44	87,142	22,789	109,931
45-49	64,563	15,085	79,648
50-54	40,719	9,132	49,851
55-59	19,606	4,658	24,264
60-64	6,215	2,499	8,714
65-69	2,441	1,513	3,954
70-74	1,336	1,031	2,366
75-79	549	577	1,126
80+	667	787	1,454

Source: Statistics Centre - Abu Dhabi

3.1.11. National Population Estimates by Age Group and Gender - Abu Dhabi Region, Mid 2010

Age Group	Males	Females	Total
Total	114,432	113,793	228,225
0-4	16,058	15,328	31,386
5-9	15,572	15,110	30,682
10-14	14,971	14,772	29,742
15-19	13,791	13,838	27,629
20-24	12,528	12,896	25,424
25-29	10,585	11,022	21,607
30-34	8,071	8,472	16,543
35-39	6,217	6,545	12,762
40-44	4,314	4,545	8,859
45-49	3,260	3,361	6,621
50-54	2,574	2,510	5,084
55-59	2,030	1,849	3,879
60-64	1,623	1,279	2,902
65-69	1,198	890	2,089
70-74	783	581	1,365
75-79	380	352	732
80+	478	442	920

Source: Statistics Centre - Abu Dhabi

**3.1.12. Non- National Population Estimates by Age Group and Gender
- Abu Dhabi Region, Mid 2010**

Age Group	Males	Females	Total
Total	716,362	252,697	969,059
0-4	29,006	24,375	53,381
5-9	28,955	24,019	52,975
10-14	26,531	21,628	48,159
15-19	22,615	18,747	41,362
20-24	58,575	29,273	87,847
25-29	113,044	35,058	148,102
30-34	124,800	32,008	156,809
35-39	106,238	25,329	131,567
40-44	82,828	18,244	101,072
45-49	61,303	11,724	73,027
50-54	38,145	6,623	44,767
55-59	17,576	2,808	20,385
60-64	4,593	1,219	5,812
65-69	1,243	623	1,865
70-74	552	449	1,002
75-79	169	225	394
80+	188	346	534

Source: Statistics Centre - Abu Dhabi

3.1.13. Population Estimates by Age Group and Gender - Abu Dhabi Region Urban, Mid 2010

Age Group	Males	Females	Total
Total	643,704	268,614	912,318
0-4	31,531	27,945	59,476
5-9	31,257	27,540	58,797
10-14	28,976	25,343	54,319
15-19	25,192	22,451	47,643
20-24	54,151	30,983	85,134
25-29	98,003	35,038	133,041
30-34	106,464	31,247	137,711
35-39	90,316	24,652	114,968
40-44	70,160	17,677	87,837
45-49	51,959	11,566	63,524
50-54	32,592	6,819	39,411
55-59	15,421	3,259	18,680
60-64	4,552	1,637	6,190
65-69	1,595	947	2,542
70-74	829	655	1,484
75-79	321	356	677
80+	384	501	885

Source: Statistics Centre - Abu Dhabi

3.1.14. National Population Estimates by Age Group and Gender - Abu Dhabi Region Urban, Mid 2010

Age Group	Males	Females	Total
Total	54,763	53,200	107,963
0-4	7,685	7,166	14,851
5-9	7,452	7,064	14,516
10-14	7,164	6,906	14,070
15-19	6,600	6,470	13,069
20-24	5,995	6,029	12,024
25-29	5,066	5,153	10,219
30-34	3,862	3,961	7,823
35-39	2,975	3,060	6,035
40-44	2,064	2,125	4,189
45-49	1,560	1,572	3,132
50-54	1,232	1,173	2,405
55-59	971	864	1,836
60-64	777	598	1,375
65-69	573	416	990
70-74	375	272	647
75-79	182	164	346
80+	229	207	436

Source: Statistics Centre - Abu Dhabi

3.1.15. Non-National Population Estimates by Age Group and Gender - Abu Dhabi Region Urban, Mid 2010

Age Group	Males	Females	Total
Total	588,941	215,414	804,355
0-4	23,847	20,779	44,625
5-9	23,805	20,475	44,280
10-14	21,812	18,437	40,249
15-19	18,592	15,981	34,573
20-24	48,156	24,954	73,110
25-29	92,937	29,885	122,822
30-34	102,602	27,286	129,888
35-39	87,341	21,592	108,933
40-44	68,095	15,552	83,647
45-49	50,399	9,994	60,393
50-54	31,360	5,646	37,005
55-59	14,450	2,394	16,844
60-64	3,776	1,039	4,815
65-69	1,022	531	1,552
70-74	454	383	837
75-79	139	192	331
80+	155	295	449

Source: Statistics Centre - Abu Dhabi

3.1.16. Population Estimates by Age Group and Gender - Abu Dhabi Region Rural, Mid 2010

Age Group	Males	Females	Total
Total	187,090	97,876	284,966
0-4	13,533	11,758	25,291
5-9	13,270	11,590	24,860
10-14	12,525	11,057	23,582
15-19	11,213	10,134	21,348
20-24	16,951	11,186	28,137
25-29	25,627	11,041	36,668
30-34	26,407	9,234	35,641
35-39	22,139	7,222	29,361
40-44	16,982	5,112	22,094
45-49	12,604	3,520	16,124
50-54	8,127	2,313	10,441
55-59	4,185	1,399	5,584
60-64	1,663	861	2,524
65-69	846	566	1,412
70-74	507	376	883
75-79	228	221	449
80+	283	286	569

Source: Statistics Centre - Abu Dhabi

3.1.17. National Population Estimates by Age Group and Gender - Abu Dhabi Region Rural, Mid 2010

Age Group	Males	Females	Total
Total	59,669	60,593	120,262
0-4	8,373	8,162	16,535
5-9	8,120	8,046	16,166
10-14	7,806	7,866	15,672
15-19	7,191	7,369	14,559
20-24	6,532	6,867	13,399
25-29	5,520	5,869	11,388
30-34	4,209	4,511	8,720
35-39	3,242	3,485	6,727
40-44	2,249	2,420	4,670
45-49	1,700	1,790	3,490
50-54	1,342	1,336	2,679
55-59	1,058	985	2,043
60-64	846	681	1,527
65-69	625	474	1,099
70-74	408	310	718
75-79	198	187	385
80+	250	235	485

Source: Statistics Centre - Abu Dhabi

3.1.18. Non-National Population Estimates by Age Group and Gender - Abu Dhabi Region Rural, Mid 2010

Age Group	Males	Females	Total
Total	127,421	37,283	164,704
0-4	5,159	3,596	8,756
5-9	5,150	3,544	8,694
10-14	4,719	3,191	7,910
15-19	4,023	2,766	6,788
20-24	10,419	4,319	14,738
25-29	20,107	5,172	25,280
30-34	22,199	4,723	26,921
35-39	18,897	3,737	22,634
40-44	14,733	2,692	17,425
45-49	10,904	1,730	12,634
50-54	6,785	977	7,762
55-59	3,126	414	3,541
60-64	817	180	997
65-69	221	92	313
70-74	98	66	165
75-79	30	33	63
80+	33	51	84

Source: Statistics Centre - Abu Dhabi

3.1.19. Population Estimates by Age Group and Gender - Al Ain Region, Mid 2010

Age Group	Males	Females	Total
Total	377,694	190,527	568,221
0-4	24,045	21,800	45,844
5-9	23,652	21,486	45,138
10-14	22,210	20,263	42,473
15-19	19,720	18,377	38,098
20-24	33,312	21,846	55,158
25-29	53,877	22,686	76,563
30-34	56,711	19,462	76,173
35-39	47,775	15,276	63,051
40-44	36,839	10,870	47,709
45-49	27,317	7,331	34,648
50-54	17,416	4,622	22,037
55-59	8,671	2,577	11,248
60-64	3,102	1,493	4,596
65-69	1,421	949	2,370
70-74	824	637	1,460
75-79	359	367	726
80+	443	486	928

Source: Statistics Centre - Abu Dhabi

3.1.20. National Population Estimates by Age Group and Gender - Al Ain Region, Mid 2010

Age Group	Males	Females	Total
Total	87,660	89,468	177,128
0-4	12,301	12,051	24,353
5-9	11,929	11,880	23,809
10-14	11,468	11,614	23,082
15-19	10,564	10,880	21,444
20-24	9,597	10,140	19,736
25-29	8,109	8,666	16,774
30-34	6,183	6,661	12,844
35-39	4,763	5,146	9,908
40-44	3,304	3,574	6,878
45-49	2,497	2,643	5,140
50-54	1,972	1,973	3,945
55-59	1,555	1,454	3,009
60-64	1,243	1,006	2,249
65-69	918	700	1,618
70-74	600	457	1,057
75-79	291	277	567
80+	367	347	714

Source: Statistics Centre - Abu Dhabi

3.1.21. Non-National Population Estimates by Age Group and Gender - Al Ain Region, Mid 2010

Age Group	Males	Females	Total
Total	290,034	101,059	391,093
0-4	11,744	9,748	21,492
5-9	11,723	9,606	21,329
10-14	10,742	8,649	19,391
15-19	9,156	7,497	16,653
20-24	23,715	11,707	35,422
25-29	45,768	14,020	59,789
30-34	50,528	12,801	63,329
35-39	43,013	10,130	53,142
40-44	33,535	7,296	40,831
45-49	24,820	4,689	29,508
50-54	15,444	2,649	18,092
55-59	7,116	1,123	8,239
60-64	1,859	488	2,347
65-69	503	249	752
70-74	224	180	403
75-79	68	90	158
80+	76	138	214

Source: Statistics Centre - Abu Dhabi

3.1.22. Population Estimates by Age Group and Gender - Al Ain Region Urban, Mid 2010

Age Group	Males	Females	Total
Total	244,202	132,727	376,929
0-4	15,019	14,811	29,829
5-9	14,787	14,597	29,384
10-14	13,864	13,682	27,546
15-19	12,280	12,336	24,617
20-24	21,392	15,243	36,635
25-29	35,180	16,215	51,395
30-34	37,215	14,071	51,286
35-39	31,386	11,061	42,447
40-44	24,231	7,889	32,120
45-49	17,964	5,273	23,237
50-54	11,423	3,260	14,683
55-59	5,642	1,745	7,387
60-64	1,965	977	2,942
65-69	873	608	1,481
70-74	500	411	911
75-79	216	234	450
80+	266	314	579

Source: Statistics Centre - Abu Dhabi

3.1.23. National Population Estimates by Age Group and Gender - Al Ain Region Urban, Mid 2010

Age Group	Males	Females	Total
Total	51,392	52,505	103,897
0-4	7,212	7,072	14,284
5-9	6,994	6,972	13,965
10-14	6,723	6,816	13,539
15-19	6,193	6,385	12,578
20-24	5,626	5,950	11,577
25-29	4,754	5,085	9,839
30-34	3,625	3,909	7,534
35-39	2,792	3,020	5,812
40-44	1,937	2,097	4,034
45-49	1,464	1,551	3,015
50-54	1,156	1,158	2,314
55-59	912	853	1,765
60-64	729	590	1,319
65-69	538	411	949
70-74	352	268	620
75-79	171	162	333
80+	215	204	419

Source: Statistics Centre - Abu Dhabi

3.1.24. Non-National Population Estimates by Age Group and Gender - Al Ain Region Urban, Mid 2010

Age Group	Males	Females	Total
Total	192,810	80,222	273,032
0-4	7,807	7,738	15,545
5-9	7,793	7,625	15,419
10-14	7,141	6,866	14,007
15-19	6,087	5,951	12,038
20-24	15,765	9,293	25,058
25-29	30,426	11,129	41,556
30-34	33,590	10,161	43,752
35-39	28,594	8,041	36,635
40-44	22,293	5,792	28,085
45-49	16,500	3,722	20,222
50-54	10,267	2,102	12,369
55-59	4,731	892	5,622
60-64	1,236	387	1,623
65-69	334	198	532
70-74	149	143	291
75-79	45	71	117
80+	51	110	160

Source: Statistics Centre - Abu Dhabi

3.1.25. Population Estimates by Age Group and Gender - Al Ain Region Rural, Mid 2010

Age Group	Males	Females	Total
Total	133,492	57,800	191,292
0-4	9,026	6,989	16,015
5-9	8,865	6,889	15,754
10-14	8,346	6,582	14,927
15-19	7,440	6,041	13,481
20-24	11,920	6,603	18,523
25-29	18,697	6,471	25,168
30-34	19,496	5,391	24,887
35-39	16,389	4,215	20,604
40-44	12,609	2,981	15,589
45-49	9,353	2,059	11,412
50-54	5,993	1,361	7,354
55-59	3,029	832	3,861
60-64	1,138	516	1,654
65-69	548	341	889
70-74	323	226	549
75-79	143	133	276
80+	177	172	349

Source: Statistics Centre - Abu Dhabi

**3.1.26. National Population Estimates by Age Group and Gender -
Al Ain Region Rural, Mid 2010**

Age Group	Males	Females	Total
Total	36,268	36,963	73,231
0-4	5,089	4,979	10,068
5-9	4,936	4,908	9,844
10-14	4,745	4,798	9,543
15-19	4,371	4,495	8,866
20-24	3,970	4,189	8,160
25-29	3,355	3,580	6,935
30-34	2,558	2,752	5,310
35-39	1,970	2,126	4,096
40-44	1,367	1,476	2,844
45-49	1,033	1,092	2,125
50-54	816	815	1,631
55-59	643	601	1,244
60-64	514	416	930
65-69	380	289	669
70-74	248	189	437
75-79	120	114	235
80+	152	144	295

Source: Statistics Centre - Abu Dhabi

3.1.27. Non-National Population Estimates by Age Group and Gender - Al Ain Region Rural, Mid 2010

Age Group	Males	Females	Total
Total	97,224	20,837	118,061
0-4	3,937	2,010	5,947
5-9	3,930	1,981	5,910
10-14	3,601	1,783	5,384
15-19	3,069	1,546	4,615
20-24	7,950	2,414	10,363
25-29	15,342	2,891	18,233
30-34	16,938	2,639	19,577
35-39	14,419	2,089	16,507
40-44	11,241	1,504	12,746
45-49	8,320	967	9,287
50-54	5,177	546	5,723
55-59	2,385	232	2,617
60-64	623	101	724
65-69	169	51	220
70-74	75	37	112
75-79	23	19	41
80+	26	28	54

Source: Statistics Centre - Abu Dhabi

3.1.28. Population Estimates by Age Group and Gender - Western Region, Mid 2010

Age Group	Males	Females	Total
Total	155,623	28,885	184,508
0-4	7,683	3,221	10,905
5-9	7,615	3,175	10,789
10-14	7,062	2,975	10,037
15-19	6,144	2,682	8,827
20-24	13,108	3,318	16,426
25-29	23,654	3,531	27,185
30-34	25,676	3,065	28,741
35-39	21,778	2,409	24,188
40-44	16,915	1,718	18,633
45-49	12,527	1,148	13,676
50-54	7,861	710	8,571
55-59	3,724	379	4,104
60-64	1,105	212	1,318
65-69	391	132	523
70-74	204	89	293
75-79	79	51	130
80+	95	68	163

Source: Statistics Centre - Abu Dhabi

**3.1.29. National Population Estimates by Age Group and Gender -
Western Region, Mid 2010**

Age Group	Males	Females	Total
Total	13,843	11,377	25,220
0-4	1,943	1,532	3,475
5-9	1,884	1,511	3,394
10-14	1,811	1,477	3,288
15-19	1,668	1,384	3,052
20-24	1,515	1,289	2,805
25-29	1,281	1,102	2,382
30-34	976	847	1,823
35-39	752	654	1,406
40-44	522	454	976
45-49	394	336	730
50-54	311	251	562
55-59	246	185	430
60-64	196	128	324
65-69	145	89	234
70-74	95	58	153
75-79	46	35	81
80+	58	44	102

Source: Statistics Centre - Abu Dhabi

3.1.30. Non-National Population Estimates by Age Group and Gender - Western Region, Mid 2010

Age Group	Males	Females	Total
Total	141,780	17,508	159,288
0-4	5,741	1,689	7,430
5-9	5,731	1,664	7,395
10-14	5,251	1,498	6,749
15-19	4,476	1,299	5,775
20-24	11,593	2,028	13,621
25-29	22,373	2,429	24,802
30-34	24,700	2,218	26,918
35-39	21,026	1,755	22,781
40-44	16,393	1,264	17,657
45-49	12,133	812	12,945
50-54	7,549	459	8,008
55-59	3,479	195	3,673
60-64	909	84	993
65-69	246	43	289
70-74	109	31	140
75-79	33	16	49
80+	37	24	61

Source: Statistics Centre - Abu Dhabi

3.1.31. Population Estimates by Age Group and Gender - Abu Dhabi Islands, Mid 2010

Age Group	Males	Females	Total
Total	15,507	2,139	17,646
0-4	818	256	1,074
5-9	809	253	1,062
10-14	753	241	994
15-19	659	221	880
20-24	1,321	244	1,565
25-29	2,323	242	2,565
30-34	2,504	202	2,707
35-39	2,121	158	2,279
40-44	1,645	112	1,757
45-49	1,218	77	1,295
50-54	767	51	818
55-59	368	31	398
60-64	114	19	133
65-69	44	12	56
70-74	24	8	32
75-79	10	5	14
80+	12	6	18

Source: Statistics Centre - Abu Dhabi

3.1.32. National Population Estimates by Age Group and Gender - Abu Dhabi Islands, Mid 2010

Age Group	Males	Females	Total
Total	1,904	1,311	3,215
0-4	267	177	444
5-9	259	174	433
10-14	249	170	419
15-19	229	159	389
20-24	208	149	357
25-29	176	127	303
30-34	134	98	232
35-39	103	75	179
40-44	72	52	124
45-49	54	39	93
50-54	43	29	72
55-59	34	21	55
60-64	27	15	42
65-69	20	10	30
70-74	13	7	20
75-79	6	4	10
80+	8	5	13

Source: Statistics Centre - Abu Dhabi

3.1.33. Non-National Population Estimates by Age Group and Gender - Abu Dhabi Islands, Mid 2010

Age Group	Males	Females	Total
Total	13,603	828	14,431
0-4	551	80	631
5-9	550	79	629
10-14	504	71	575
15-19	429	61	491
20-24	1,112	96	1,208
25-29	2,147	115	2,262
30-34	2,370	105	2,475
35-39	2,017	83	2,100
40-44	1,573	60	1,633
45-49	1,164	38	1,203
50-54	724	22	746
55-59	334	9	343
60-64	87	4	91
65+ *	41	5	46

Source: Statistics Centre - Abu Dhabi

*The age groups 65 years and older are aggregated to preserve confidentiality

3.2. Births and Deaths

According to data issued by The Health Authority- Abu Dhabi, the number of births registered in the Abu Dhabi Emirate in 2010 was 29,366, comprising 15,275 males and 14,090 females. The number of deaths during the same year was 2879 including 2051 males and 826 females. The 2010 crude birth rates for nationals, non-nationals and the Emirate as a whole are 31.1, 10.3 and 14.9 births per 1000 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 2010, life expectancy at birth for Abu Dhabi Emirate was 74.9 years for males and 77.0 years for females. Life expectancy at birth was 76.2 for nationals, and 74.6 for non-nationals.

The percentages of births likely to survive to age 65 years among nationals and non-nationals are almost identical at 85%. The corresponding figures among nationals by gender are 83.2% and 87.0% for male and female births respectively. The percentages of individuals likely to survive from 15 to 60 years of age among nationals and non-nationals are 91.7% and 92.9% respectively. The corresponding figures among nationals by gender are 90.1% for male and for 93.4% female adults.

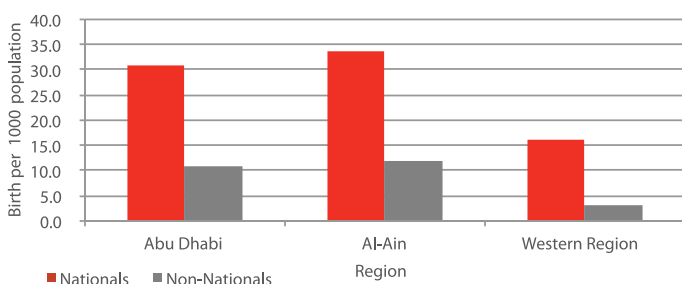
The 2010 infant mortality rates for nationals, non-nationals and the Emirate as a whole are 7.8, 7.8 and 8.0 infant (less than one year old) deaths per 1000 live births respectively. The corresponding figures among nationals by gender are 8.3 male infant deaths per 1000 male live births and 6.9 female infant deaths per 1000 female live births.

Explanatory note

Crude birth rates are based on place of birth. Place of usual residence of the mother is not available. Crude death rates are based on place of death. Place of usual residence of the deceased is not available.

Figure 3.2.1

Crude Birth Rate (Per 1000 Population) by Nationality and Region, 2010



Source: Statistics Centre - Abu Dhabi

3.2.1. Sex Ratio at Birth by Nationality

Male: Female (%)

Nationality	2005	2008	2009	2010
Grand Total	106.3	105.7	105.9	108.4
Nationals	105.2	103.2	106.9	107.3
Non-Nationals	107.2	108.0	105.0	109.3

Source: Statistics Centre - Abu Dhabi

3.2.2. Births by Nationality, Gender and Region, 2010*

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region
Grand Total	29,317	17,648	10,662	1,007
Males	15,247	9,114	5,575	558
Females	14,070	8,534	5,087	449
Nationals	13,497	7,044	5,993	460
Males	6,987	3,580	3,149	258
Females	6,510	3,464	2,844	202
Non-Nationals	15,820	10,604	4,669	547
Males	8,260	5,534	2,426	300
Females	7,560	5,070	2,243	247

Source: Health Authority-Abu Dhabi

*Excluding 49 cases with not stated nationality or gender

3.2.3. Crude Birth Rate (Per 1000 Population) by Nationality *

Nationality / Gender	2005	2008	2009	2010
Grand Total	19.7	16.8	15.9	14.9
Nationals	35.7	33.0	32.5	31.1
Non-Nationals	14.4	11.8	11.0	10.3

Source: Statistics Centre - Abu Dhabi

*Excluding 48 cases with not stated nationality or gender in 2010, 34 cases in 2009 and 12 cases in 2008

3.2.4. Crude Birth Rate (Per 1000 Population) by Nationality and Region, 2010*

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region
Grand Total	14.9	14.8	18.8	5.1
Nationals	31.1	30.9	33.8	16.2
Non-Nationals	10.3	10.9	11.9	3.1

Source: Statistics Centre - Abu Dhabi

*Excluding 48 cases with not stated nationality or gender

3.2.5. Deaths by Nationality , Gender and Region, 2010*

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region
Grand Total	2,853	1,698	960	195
Males	2,034	1,246	615	173
Females	819	452	345	22
Nationals	965	536	383	46
Males	572	317	220	35
Females	393	219	163	11
Non- Nationals	1,888	1,162	577	149
Males	1,462	929	395	138
Females	426	233	182	11

Source: Health Authority-Abu Dhabi

*Excluding 26 cases with not Stated Nationality or Gender

3.2.6. Crude Death Rate (Per 1000 Population) by Nationality and Gender *

Nationality / Gender	2005	2008	2009	2010
Grand Total	1.8	1.7	1.6	1.5
Males	1.9	1.9	1.8	1.5
Females	1.5	1.5	1.3	1.4
Nationals	2.4	2.5	2.4	2.2
Males	2.8	3.1	3.0	2.6
Females	1.9	1.8	1.8	1.8
Non-Nationals	1.6	1.5	1.4	1.2
Males	1.7	1.6	1.5	1.3
Females	1.3	1.3	1.1	1.1

Source: Statistics Centre - Abu Dhabi

*Excluding 26 cases with not Stated Nationality or Gender 2010, 16 cases in 2009 and 22 cases in 2008

3.2.7. Crude Death Rate (Per 1000 Population) by Nationality, Gender and Region, 2010*

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region
Grand Total	1.5	1.4	1.7	1.0
Males	1.5	1.5	1.6	1.0
Females	1.4	1.2	1.8	0.7
Nationals	2.2	2.4	2.2	1.6
Males	2.6	2.8	2.5	2.2
Females	1.8	1.9	1.8	0.9
Non- Nationals	1.2	1.2	1.5	0.9
Males	1.3	1.3	1.4	0.9
Females	1.1	0.9	1.8	0.6

Source: Statistics Centre - Abu Dhabi

*Excluding 26 cases with not Stated Nationality or Gender

3.2.8. Age Specific Death Rate (Per 1000 Population) by Age Group and Gender, 2010*

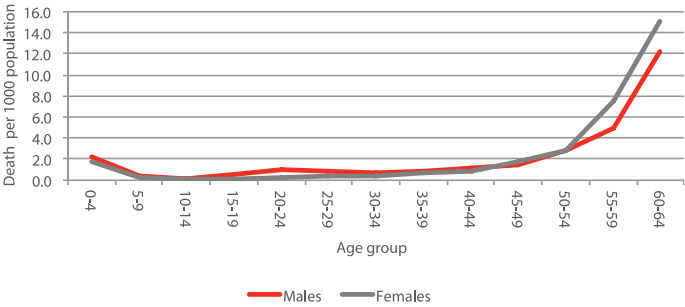
Age Group	Total	Males	Females
Total	1.5	1.5	1.4
0-4	2.1	2.3	1.8
5-9	0.3	0.4	0.2
10-14	0.1	0.1	0.1
15-19	0.4	0.6	0.1
20-24	0.7	0.9	0.3
25-29	0.7	0.8	0.3
30-34	0.7	0.7	0.3
35-39	0.8	0.8	0.6
40-44	1.2	1.2	0.9
45-49	1.4	1.4	1.7
50-54	2.8	2.8	2.9
55-59	5.4	4.9	7.5
60-64	13.1	12.2	15.2
65-69	20.6	20.7	20.3
70-74	38.1	32.7	45.3
75-79	76.7	92.3	61.1
80+	122.9	131.5	115.0

Source: Statistics Centre - Abu Dhabi

* Excluding 4 cases of Unknown Age Group or Gender

Figure 3.2.2

Age Specific Death Rate (Per 1000 Population) by Age Group (up to 64 years) and Gender, 2010*

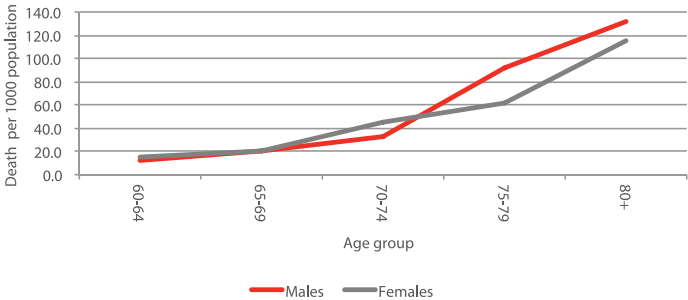


Source: Statistics Centre - Abu Dhabi

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

Figure 3.2.3

Age Specific Death Rate (Per 1000 Population) by Age Group (60 years and over) and Gender, 2010



Source: Statistics Centre - Abu Dhabi

3.2.9. Deaths by Region, Nationality, Gender and Age at Death, 2010

Region / Nationality / Gender	Deaths	Neonatal Deaths	Infant Deaths	Child Deaths
	(All Ages)	Below 1 Month	Under 1 Year	(1-4) Years
Abu Dhabi Emirate	2,879	133	235	60
Abu Dhabi	1,712	73	144	44
Al-Ain	970	59	88	16
Western Region	197	1	3	0
Nationality				
Nationals	967	62	105	30
Non-Nationals	1,888	66	124	29
Not Stated	24	5	6	1
Gender				
Males	2,051	84	139	36
Females	826	47	94	24
Not Stated	2	2	2	0

Source: Health Authority-Abu Dhabi

3.2.10. Infant Mortality Rate (Under 1 year) (Per 1000 Live Births) by Nationality, Gender and Region, 2010*

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region**
Grand Total	8.0	8.2	8.2	-
Males	9.1	9.5	9.1	-
Females	6.7	6.6	7.1	-
Nationals	7.8	8.4	7.5	-
Males	8.3	9.2	7.9	-
Females	6.9	7.2	6.7	-
Non- National	7.8	7.6	9.0	-
Males	9.3	9.4	10.3	-
Females	6.2	5.7	7.6	-

Source: Statistics Centre - Abu Dhabi

* Excluding 8 cases with not Stated Nationality or Gender

** Specific values for the Western Region are excluded due to technical issues, however are included in totals

3.2.11. Child Mortality Rate (Under 5 years)(Per 1000 Live Births) by Nationality, Gender and Region, 2010*

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region **
Grand Total	10.0	10.6	9.7	-
Males	11.5	12.3	11.1	-
Females	8.4	8.8	8.1	-
Nationals	10.0	11.5	8.8	-
Males	11.3	13.1	10.2	-
Females	8.3	9.5	7.0	-
Non-Nationals	9.7	9.7	10.5	-
Males	11.0	11.4	11.5	-
Females	8.2	7.9	9.4	-

Source: Statistics Centre - Abu Dhabi

* Excluding 1 case with not Stated Nationality or Gender

** Specific values for the Western Region are excluded due to technical issues, however are included in totals

3.2.12. Natural Increase Rate (Per 100 Population) by Nationality and Region, 2010

Nationality	Total	Abu Dhabi	Al-Ain	Western Region
Grand Total	1.3	1.3	1.7	0.4
Nationals	2.9	2.9	3.2	1.5
Non-Nationals	0.9	1.0	1.0	0.2

Source: Statistics Centre - Abu Dhabi

3.2.13. General Fertility Rate (births per 1000 women aged 15 - 49 years) by Nationality and Region, 2010

Nationality	Total	Abu Dhabi	Al-Ain	Western Region
Grand Total	80.2	76.5	92.2	53.4
Nationals	117.2	116.1	125.6	68.0
Non Nationals	63.1	62.2	68.5	44.2

Source: Statistics Centre - Abu Dhabi

3.2.14. Life Expectancy at Birth (in years) by Nationality, Gender and Region, 2010

Nationality / Region	Total *	Males	Females
Total	75.9	74.9	77.0
Nationals	76.2	74.1	78.4
Non-Nationals	74.6	74.3	75.0
Abu Dhabi Region	75.9	74.6	77.2
Al-Ain Region	74.7	74.0	75.4
Western Region	-	-	-

Source: Statistics Centre - Abu Dhabi

* Specific values for the Western Region are excluded due to technical issues, however are included in totals

3.2.15. Percentage of Births Surviving to Age 65 Years by Nationality, Gender and Region, 2010

Nationality / Region	Total *	Males	Females
Total	85.8	-	-
Nationals	85.0	83.2	87.0
Non-Nationals	84.9	-	-
Abu Dhabi Region	86.0	-	-
Al-Ain Region	83.7	-	-
Western Region	-	-	-

Source: Statistics Centre - Abu Dhabi

* Some specific values are excluded due to technical issues, however are included in totals

3.2.16. Percentage of Individuals Aged 15 Who Will Survive to Age 60 Years by Nationality, Gender and Region, 2010

Nationality / Region	Total *	Males	Females
Total*	93.0	-	-
Nationals	91.7	90.1	93.4
Non-Nationals	92.9	-	-
Abu Dhabi Region	93.3	-	-
Al-Ain Region	91.8	-	-
Western Region	-	-	-

Source: Statistics Centre - Abu Dhabi

* Some specific values are excluded due to technical issues, however are included in totals

3.3. Marriage and Divorce

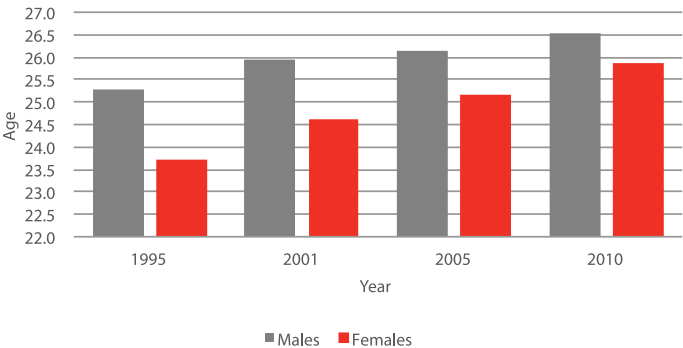
According to data issued by the Department of the Judiciary - Abu Dhabi for 2010 marriage and divorce statistics, there were 5,848 new marriage contracts, in which 3,242 of these the wife was an Emirati national. The number of divorces during the same year was 1,769, of which 820 cases involved national females.

The Singulate Mean Age at first Marriage (SMAM) shows trend of marriage at older ages. National Females SMAM increased from 23.7 years in 1995 to 25.9 years in 2010, while the SMAM for males did not show an equally significant increase (only from 25.3 to 26.5 years).

In 2010, Al Ain Region had the highest refined marriage rate with 15.7 per 1,000 population, followed by Abu Dhabi Region with a rate of 12.4 and 6.5 for the Western Region. The refined divorce rate was slightly higher in Abu Dhabi Region with 1.8 than in Al Ain 1.7. As for the refined marriage rate, the Western Region also had the lowest refined divorce rate of only 0.4 per 1,000 populations.

The refined marriage rate in a given region/country in a specific year/period of time is defined as the number of marriages (and not the number of married couples) per 1000 unmarried population (who have never been married, or who are divorced or widowed) aged 15 years and above within that region/country in that year/period of time. The refined divorce rate within a given region/country in a specific year/period of time is defined as the number of divorces (and not the number of divorced couples) per 1000 married population aged 15 and above in that region/country in that year/period of time.

Figure 3.3.1
Singulate Mean Age at first Marriage (SMAM*) by Gender



Source: Statistics Centre - Abu Dhabi

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

3.3.1. Registered Marriages By Region, Nationality and Gender

Region, Nationality and Gender	2005	2008	2009	2010
Abu Dhabi Emirate	5,552	5,863	5,911	5,848
Nationals				
Males	3,353	3,695	3,687	3,642
Females	3,059	3,315	3,255	3,242
Non- Nationals				
Males	2,199	2,168	2,224	2,206
Females	2,493	2,548	2,656	2,606
Abu Dhabi Region	3318	3227	3410	3347
Nationals				
Males	1,725	1,751	1,878	1,818
Females	1,483	1,499	1,582	1,603
Non- Nationals				
Males	1,593	1,476	1,532	1,529
Females	1,835	1,728	1,828	1,744
Al Ain Region	2021	2380	2253	2250
Nationals				
Males	1,453	1,730	1,594	1,614
Females	1,412	1,604	1,463	1,441
Non- Nationals				
Males	568	650	659	636
Females	609	776	790	809
Western Region	213	256	248	251
Nationals				
Males	175	214	215	210
Females	164	212	210	198
Non- Nationals				
Males	38	42	33	41
Females	49	44	38	53

Source: Department of the Judiciary - Abu Dhabi

3.3.2. Singulate Mean Age at Marriage (SMAM*) by Nationality and Gender

Nationality / Gender	1995	2001	2005	2010
Grand Total				
Males	27.0	27.3	26.7	26.6
Females	24.4	25.2	25.1	25.5
Nationals				
Males	25.3	25.9	26.1	26.5
Females	23.7	24.6	25.2	25.9
Non-Nationals				
Males	27.2	27.5	26.8	26.6
Females	24.5	25.3	25.1	25.4

Source: Statistics Centre - Abu Dhabi

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

3.3.3. Crude Marriage Rates (Per 1000 Population) by Region, Nationality and Gender, 2010

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region
Total	3.0	2.8	4.0	1.2
Male National	16.7	15.9	18.4	13.3
Female National	15.0	14.1	16.1	15.6
Male Non-National	1.9	2.1	2.2	0.3
Female Non-National	7.0	6.9	8.0	2.9

Source: Statistics Centre - Abu Dhabi

3.3.4. Refined Marriage Rates * by Region, Nationality and Gender, 2010

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region
Total	13.0	12.4	15.7	6.5
Male National	62.3	64.3	62.4	48.4
Female National	51.4	54.2	47.7	60.4
Male Non-National	9.2	10.0	10.7	1.5
Female Non-National	28.9	29.5	29.4	14.4

Source: Statistics Centre - Abu Dhabi

* Per 1000 population aged 15 years and above and who have never been married, or who are divorced or widowed

3.3.5. Registered Divorces by Region, Nationality and Gender

Region, Nationality and Gender	2005	2008	2009	2010
Abu Dhabi Emirate	1,804	1,798	1,779	1,769
Nationals				
Males	1,177	1,156	1,097	1,091
Females	839	841	884	820
Non- Nationals				
Males	627	642	682	678
Females	965	957	895	949
Abu Dhabi Region	1,177	1,163	1,156	1,201
Nationals				
Males	713	708	677	707
Females	473	507	537	529
Non- Nationals				
Males	464	455	479	494
Females	704	656	619	672
Al Ain Region	571	594	554	512
Nationals				
Males	421	417	373	346
Females	331	306	304	256
Non- Nationals				
Males	150	177	181	166
Females	240	288	250	256
Western Region and Islands	56	41	69	56
Nationals				
Males	43	31	47	38
Females	35	28	43	35
Non- Nationals				
Males	13	10	22	18
Females	21	13	26	21

Source: Department of the Judiciary - Abu Dhabi

3.3.6. Crude Divorce Rates (Per 1000 Population) by Region, Nationality and Gender, 2010

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region
Total	0.9	1.0	0.9	0.3
Male National	5.0	6.2	3.9	2.3
Female National	3.8	4.6	2.9	2.8
Male Non-National	0.6	0.7	0.6	0.1
Female Non-National	2.5	2.7	2.5	0.9

Source: Statistics Centre - Abu Dhabi

3.3.7. Refined Divorce Rates* by Region, Nationality and Gender, 2010

Nationality / Gender	Total	Abu Dhabi	Al-Ain	Western Region
Total	1.6	1.8	1.7	0.4
Male National	15.4	17.9	13.5	6.5
Female National	12.3	14.2	10.1	8.5
Male Non-National	0.9	1.1	0.8	0.1
Female Non-National	5.3	5.4	5.5	2.0

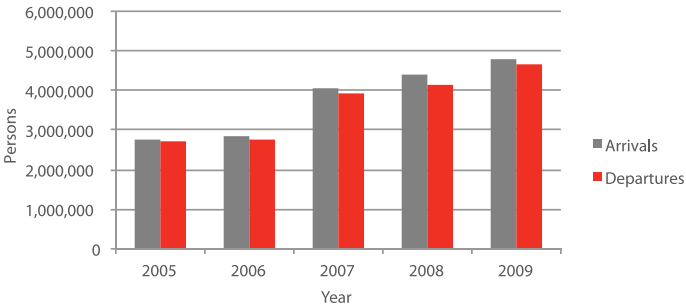
Source: Statistics Centre - Abu Dhabi

* Per 1000 married population aged 15 years and above

3.4. Migration

In 2009 there were a total of 4,770,721 arrivals to Abu Dhabi Emirate. This is an increase by 8.3% from the previous year. Correspondingly, there were 4,643,975 departures, an increase of 12.6% from the previous year. The arrival and departure data is a good indicator of the international passenger flows, showing that number of arrivals to Abu Dhabi Emirate is equivalent to an average of 13071 persons per day.

Figure 3.4.1
Arrivals and Departures



Source: Statistics Centre - Abu Dhabi

3.4.1. Arrivals by Mode of Transport and Point of Entry

Item	2005	2007	2008	2009
Total	2,752,434	4,062,242	4,403,373	4,770,721
Land	1,355,186	2,099,568	2,135,340	2,334,638
Al Ghwefat	1,199,256	1,400,911	1,406,816	1,360,682
Shaklah	45,823	212,242	308,504	686,751
Meziad	110,107	441,720	334,663	238,976
Hili Centre*	*	44,695	85,127	48,154
Valley Aljaze	*	*	230	75
Sea	40,686	11,471	18,870	16,478
Zayed Port	40,686	8,343	16,171	14,197
Mussafah and Al Ruwais Ports*	*	3,128	2,699	2,281
Air	1,356,562	1,951,203	2,249,163	2,419,605
Abu Dhabi Airport	1,326,212	1,914,796	2,213,744	2,387,661
Al Ain Airport	30,350	36,407	35,419	31,944

Source: Ministry of Interior

*Mussafah and Al Ruwais Ports were inaugurated in 2006, Hili Centre in 2007 and Aljaze Valley in 2008

3.4.2. Departures by Mode of Transport and Points of Exit

Item	2005	2007	2008	2009
Total	2,717,242	3,933,073	4,124,115	4,643,975
Land	1,372,825	2,083,122	2,114,874	2,290,051
Al Ghwefat	1,222,349	1,382,138	1,387,137	1,377,088
Shaklah	39,471	203,244	304,725	674,100
Meziad	111,005	449,441	349,525	186,448
Hili Centre*	*	48,299	73,451	52,405
Valley Aljaze	*	*	36	10
Sea	40,837	19,956	26,322	15,442
Zayed Port	40,837	16,851	23,363	13,003
Mussafah and Al Ruwais Ports*	*	3,105	2,959	2,439
Air	1,303,580	1,829,995	1,982,919	2,338,482
Abu Dhabi Airport	1,268,030	1,794,054	1,951,481	2,306,937
Al Ain Airport	35,550	35,941	31,438	31,545

Source: Ministry of Interior

*Mussafah and Al Ruwais Ports were inaugurated in 2006, Hili Centre in 2007 and AljazeValley in 2008

3.4.3. Arrivals and Departures by Nationality and Mode of Transport, 2009

Nationality	Mode of Transport			Total
	Land	Sea	Air	
Arrivals	2,334,638	16,478	2,419,605	4,770,721
Nationals	302,847	19	189,146	492,012
Non- Nationals	2,031,791	16,459	2,230,459	4,278,709
Departures	2,290,051	15,442	2,338,482	4,643,975
Nationals	299,352	34	183,496	482,882
Non- Nationals	1,990,699	15,408	2,154,986	4,161,093

Source: Ministry of Interior



4. Social Statistics

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

4. Social

Abu Dhabi government invests heavily in services for citizens as well as residents living and working in the emirate, so all can enjoy the best standards in terms of security, stability and social welfare. Abu Dhabi is actively developing world class schools, hospitals and clinics to complement the existing modern infrastructure, with new facilities and services coming online every day.

The Abu Dhabi government's strategy of constantly reviewing performance levels and identifying new priorities aim to achieve the best possible outcomes for the population. For example, the health sector enjoys new hospitals and clinics equipped with the latest medical devices. Services are provided by highly trained and experienced staff and are funded by broad based insurance packages. These services are deployed under best practice public health policy providing diversified health services where people live.

2010

Education

Government Schools	305
Private Schools	184
Students in Government Schools	126,492
Students in Private Schools	165,020
Pupils per Teacher	14.3
Pupils per Classroom	24.2
Universities	9
Percentage illiterate population (10 years and over)	7.9

Health

Physians per 1000 population	2.4
Nurses per 1000 population	4.2
Hospitals	33
Health Centres	435
Clinics	239
Pharmacies	468

Social Welfare

Non-Government Organisations (NGO's)	50
Social Aid Beneficiaries in December	11,814
Value of Social Aid Granted in December (000 AED)	55,124

Crime and Justice

Misdemeanor	61,094
Fire Incidents	1,189

Culture and Heritage

Visitors of Public Parks, Al Ain Museum and Al Ain Zoo (000)	2,716
Books Available at National Library	375,923

4.1. Education

Education is a key pillar in the government's plan for the development of the Emirate. The Abu Dhabi Government places a great emphasis on enhancing the education sector, investing a great deal to provide schools and universities with first class facilities as well as teaching and administrative staff. The overarching goal is to establish universities and institutes that are producing first class graduates to help the continuing advancement of Abu Dhabi.

This chapter provides detailed statistics for the school year 2009/2010. During this period the number of schools in the Emirate was 489 (including 305 government and 184 private). Schools are divided as follows; 53 Kindergarten, 91 primary schools, 62 preparatory schools, 46 high schools and 237 multi- stage schools.

There are 489 schools in different stages comprising 12038 classrooms, accommodating 291,512 students, 20,372 teachers and 5,299 administrators. Education indicators show that the number of students per teacher was 14.3, while the number of students per classroom was 24.2. The gross enrolment ratio in the first cycle for the 2008/2009 school year was 88.1% for males, for females 96.3% and the total was 91.9%. The net enrolment ratios were 76.1% for males and 81.5 for females, while the total ratio was 78.6%.

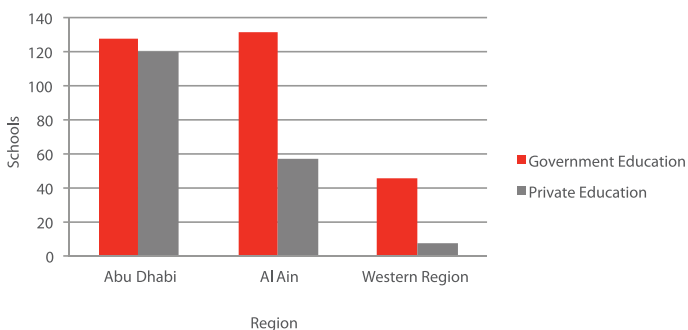
Regarding higher education facilities, the number of universities totaled 9 in the 2009/2010 school year, including 3 government universities, 6 private, in addition to 13 colleges and 7 institutes. The number of higher education graduates reached 7,273 students, including 4,354 who graduated from government universities and 2,919 who graduated from private universities.

4.1.1. Key Education Statistics, 2010

Government Education	
Schools	305
Classrooms	5,272
Pupils	126,492
Teachers	10,854
Administrators	2,233
Private Education:	
Schools	184
Classrooms	6,766
Pupils	165,020
Teachers	9,518
Administrators	3,066
Total Education:	
Pupils per teacher	14.3
Pupils per classroom	24.2
Universities	9
Percentage illiterate population (10 years and over)	7.9
Percentage illiterate male population (10 years and over)	8.7
Percentage illiterate female population(10 years and over)	6.4
Gross Enrollment ratio, first cycle (5 years primary education stage)	91.9
Gross enrollment ratio, secondary education (4 years second cycle +3 years secondary stage) 2008/2009	81.4

Figure 4.1.1

Number of Schools by Region and Sector, 2009/2010



Source: Abu Dhabi Education Council

4.1.1. Government and Private Schools by Educational Stages, 2009/2010

Stage	Government	Private	Total
Total	305	184	489
Kindergarten	44	9	53
Cycle1	91	0	91
Cycle2	62	0	62
Secondary	46	0	46
Multi-Stage	62	175	237

Source: Abu Dhabi Education Council

4.1.2. Higher Education Institutions by Type and Sector, 2009/2010

Type	Government	Private	Total
Total	3	26	29
Universities	3	6	9
Colleges	0	13	13
Institutes	0	7	7

Source: Ministry of Higher Education and Scientific Research

4.1.3. Government and Private Classrooms by Educational Stages, 2009/2010

Stage	Government	Private	Total
Total	5,272	6,766	12,038
Kindergarten	266	1,315	1,581
Cycle1	2,072	3,008	5,080
Cycle2	1,674	1,626	3,300
Secondary	1,260	817	2,077

Source: Abu Dhabi Education Council

4.1.4. Government and Private Pupils by Educational Stages, 2009/2010

Stage	Government*	Private	Total
Total	126,294	165,020	291,314
Kindergarten	11,594	32,396	43,990
Cycle1	44,491	74,281	118,772
Cycle2	40,750	39,114	79,864
Secondary	29,459	19,229	48,688

Source: Abu Dhabi Education Council

* Excluding 198 Pupils in Special Education

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

Item	2005/2006	2007/2008	2008/2009	2009/2010
Total Education				
Schools	495	479	474	489
Classrooms	11,328	11,657	13,751	12,038
Pupils	250,909	258,005	275,758	291,512
Teachers	18,712	19,408	20,239	20,372
Administrators	n.a	4,810	5,114	5,299
Government Education				
Schools	322	305	301	305
Classrooms	5,492	5,253	5,285	5,272
Pupils	127,136	119,965	118,066	126,492
Teachers	10,436	10,245	10,518	10,854
Administrators	n.a	1,921	2,102	2,233
Private Education				
Schools	173	174	173	184
Classrooms	5,836	6,404	8,466	6,766
Pupils	123,773	138,040	157,692	165,020
Teachers	8,276	9,163	9,721	9,518
Administrators	n.a	2,889	3,012	3,066

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, 2009/ 2010 *

Region and Gender	Pupils	Teachers	Administrators
Total			
Abu Dhabi Emirate	291,512	20372	5,245
Males	148,225	n.a	n.a
Females	143,287	n.a	n.a
Abu Dhabi	174,666	11,149	3,034
Males	89,275	n.a	n.a
Females	85,391	n.a	n.a
Al Ain	100,562	7,683	1,856
Males	51,144	n.a	n.a
Females	49,418	n.a	n.a
Western Region	16,284	1,540	355
Males	7,806	n.a	n.a
Females	8,478	n.a	n.a
Government Education			
Abu Dhabi Emirate	126,492	10,854	2,233
Males	60,316	4,281	775
Females	66,176	6,573	1,458
Abu Dhabi	62,648	4,742	953
Males	30713	1,809	326
Females	31935	2,933	627
Al Ain	52,114	4,811	1,026
Males	24267	1956	342
Females	27847	2855	684
Western Region	11,730	1,301	254
Males	5336	516	107
Females	6394	785	147
Private Education			
Abu Dhabi Emirate	165,020	9,518	3,012
Males	87,909	n.a	n.a
Females	77,111	n.a	n.a
Abu Dhabi	112,018	6,407	2,081
Males	58,562	n.a	n.a
Females	53,456	n.a	n.a
Al Ain	48,448	2872	830
Males	26,877	n.a	n.a
Females	21,571	n.a	n.a
Western Region	4,554	239	101
Males	2,470	n.a	n.a
Females	2,084	n.a	n.a

Source: Abu Dhabi Education Council

* Table comprises all stages

Figure 4.1.2

Pupils by Region and Gender in Government and Private Schools 2009/2010

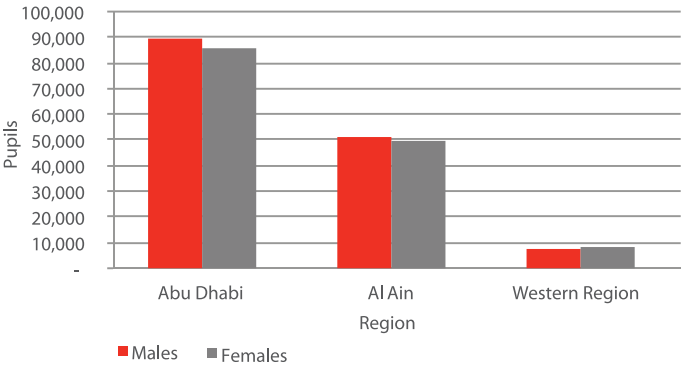
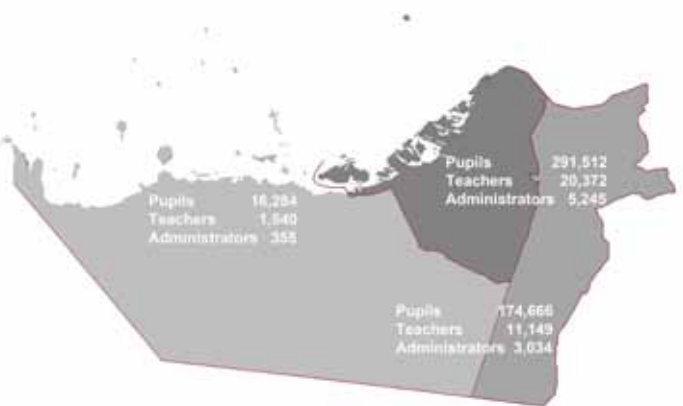


Figure 4.1.3

Pupils, Teachers and Administrators in Government Schools by Region 2009 / 2010



4.1.7. Females/Males Student Ratio in Government and Private Schools by Educational Stage and Gender, 2009/2010

Stage	Males	Females	Total	Females/ Males
Total	148,079	143,235	291,314	96.7
Kindergarten	22,152	21,838	43,990	98.6
Cycle1	60,749	58,023	118,772	95.5
Cycle2	41,054	38,810	79,864	94.5
Secondary	24,124	24,564	48,688	101.8
Government Education*	60,170	66,124	126,294	109.9
Kindergarten	5,199	6,395	11,594	123.0
Cycle1	21,223	23,268	44,491	109.6
Cycle2	20,073	20,677	40,750	103.0
Secondary	13,675	15,784	29,459	115.4
Private Education	87,909	77,111	165,020	87.7
Kindergarten	16,953	15,443	32,396	91.1
Cycle1	39,526	34,755	74,281	87.9
Cycle2	20,981	18,133	39,114	86.4
Secondary	10,449	8,780	19,229	84.0

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

* Excluding 198 Pupils in Special Education

4.1.8. Percentage of Pupils in Government Schools by Region, Nationality, Gender and Education Stage, 2009/2010*

Region, Stage and Nationality	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate				
Grand Total	37.5	51.0	60.5	46.4
Males	34.9	48.9	56.7	43.7
Females	40.1	53.3	64.3	49.2
Nationals	65.8	80.1	79.7	73.4
Males	61.7	76.5	72.8	68.9
Females	70.0	83.9	85.9	78.0
Non - Nationals	15.8	25.9	43.4	24.2
Males	15.0	25.5	43.5	23.7
Females	16.7	26.4	43.3	24.8
Abu Dhabi				
Total	30.3	42.5	53.5	38.7
Males	28.5	41.6	51.1	37.0
Females	32.1	43.4	55.8	40.3
Nationals	60.5	73.8	76.1	68.0
Males	57.2	71.8	70.9	64.7
Females	63.8	76.0	81.0	71.3
Non - Nationals	11.1	20.7	37.1	19.0
Males	10.6	20.6	37.7	18.8
Females	11.6	20.8	36.5	19.2
Al Ain				
Total	45.9	60.6	66.8	55.0
Males	41.8	56.2	60.2	50.1
Females	50.3	65.3	73.2	59.9
Nationals	69.3	85.6	81.3	77.3
Males	63.8	79.7	71.3	70.7
Females	75.0	91.6	89.9	83.8
Non - Nationals	21.1	29.5	49.0	29.2
Males	19.2	28.2	48.3	27.8
Females	23.2	30.9	49.9	30.8
Western Region				
Total	64.1	80.4	93.0	75.2
Males	62.3	79.2	93.0	73.7
Females	66.1	81.6	93.0	76.9
Nationals	93.9	98.6	99.3	96.7
Males	92.2	97.5	100.0	95.7
Females	95.6	99.7	98.6	97.7
Non - Nationals	43.1	65.7	86.7	58.2
Males	42.2	64.6	86.4	57.0
Females	44.1	66.9	87.0	59.5

Source: Statistics Centre - Abu Dhabi

* Excluding 198 Pupils in Special Education

4.1.9. Percentage of Pupils in Private Schools to All Students by Region, Nationality, Gender and Education Stage, 2009/2010

Region, Stage and Nationality	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate				
Grand Total	62.5	49.0	39.5	53.6
Males	65.1	51.1	43.3	56.3
Females	59.9	46.7	35.7	50.8
Nationals	34.2	19.9	20.3	26.6
Males	38.3	23.5	27.2	31.1
Females	30.0	16.1	14.1	22.0
Non - Nationals	84.2	74.1	56.6	75.8
Males	85.0	74.5	56.5	76.3
Females	83.3	73.6	56.7	75.2
Abu Dhabi				
Total	69.7	57.5	46.5	61.3
Males	71.5	58.4	48.9	63.0
Females	67.9	56.6	44.2	59.7
Nationals	39.5	26.2	23.9	32.0
Males	42.8	28.2	29.1	35.3
Females	36.2	24.0	19.0	28.7
Non - Nationals	88.9	79.3	62.9	81.0
Males	89.4	79.4	62.3	81.2
Females	88.4	79.2	63.5	80.8
Al Ain				
Total	54.1	39.4	33.2	45.0
Males	58.2	43.8	39.8	49.9
Females	49.7	34.7	26.8	40.1
Nationals	30.7	14.4	18.7	22.7
Males	36.2	20.3	28.7	29.3
Females	25.0	8.4	10.1	16.2
Non - Nationals	78.9	70.5	51.0	70.8
Males	80.8	71.8	51.7	72.2
Females	76.8	69.1	50.1	69.2
Western Region				
Total	35.9	19.6	7.0	24.8
Males	37.7	20.8	7.0	26.3
Females	33.9	18.4	7.0	23.1
Nationals	6.1	1.4	0.7	3.3
Males	7.8	2.5	0.0	4.3
Females	4.4	0.3	1.4	2.3
Non - Nationals	56.9	34.3	13.3	41.8
Males	57.8	35.4	13.6	43.0
Females	55.9	33.1	13.0	40.5

Source: Statistics Centre - Abu Dhabi

4.1.10. Ratio of National Pupils to Non- National Pupils by Region in Government and Private Schools , 2005/2006 - 2009/2010

Region and Sector	2005/2006	2007/2008	2008/2009	2009/2010
Abu Dhabi Emirate	87.2	91.7	87.4	84.3
Abu Dhabi Region	67.8	74.5	70.0	68.6
Al Ain Region	129.6	128.4	126.2	119.9
Western Region	100.6	92.8	85.5	83.5
Government Education	265.3	318.1	334.2	270.9
Abu Dhabi Region	254.9	338.4	377.5	263.1
Al Ain Region	310.2	348.8	368.8	330.3
Western Region	164.9	165.1	144.0	147.5
Private Education	24.7	30.3	31.5	33.0
Abu Dhabi Region	23.7	27.9	27.1	29.7
Al Ain Region	29.6	38.9	45.1	44.1
Western Region	9.9	12.5	10.0	10.1

Source: Statistics Centre - Abu Dhabi

4.1.11. Teachers by Education Stage and Gender in Government Education, 2009/2010

Stage	Males	Females	Total
Total	4,281	6,573	10,854
Kindergarten	0	634	634
Cycle 1	1,093	2,306	3,399
Cycle 2	1,199	1,105	2,304
Secondary	927	1,126	2,053
Multi-Stage	1,062	1,402	2,464

Source: Abu Dhabi Education Council

*Number of Teachers in Private Education by Education Stages and Gender is not Available

4.1.12. Teaching Staff of Government Schools by Region, Education Stage , Nationality and Gender, 2009/2010 *

Region, Stage, Nationality and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate				
Grand Total	3,399	2,304	2,053	7,756
Males	1,093	1,199	927	3,219
Females	2,306	1,105	1,126	4,537
Nationals	1,570	948	680	3,198
Males	101	203	78	382
Females	1,469	745	602	2,816
Non - Nationals	1,829	1,356	1,373	4,558
Males	992	996	849	2,837
Females	837	360	524	1,721
Abu Dhabi				
Total	1,603	1,227	1,092	3,922
Males	537	586	479	1,602
Females	1,066	641	613	2,320
Nationals	706	507	349	1,562
Males	55	116	51	222
Females	651	391	298	1,340
Non - Nationals	897	720	743	2,360
Males	482	470	428	1,380
Females	415	250	315	980
Al Ain				
Total	1,390	936	834	3,160
Males	437	555	406	1,398
Females	953	381	428	1,762
Nationals	756	414	326	1,496
Males	45	86	27	158
Females	711	328	299	1,338
Non - Nationals	634	522	508	1,664
Males	392	469	379	1,240
Females	242	53	129	424
Western Region				
Total	406	141	127	674
Males	119	58	42	219
Females	287	83	85	455
Nationals	108	27	5	140
Males	1	1	0	2
Females	107	26	5	138
Non - Nationals	298	114	122	534
Males	118	57	42	217
Females	180	57	80	317

Source: Abu Dhabi Education Council

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

4.1.13. Number of Pupils per Teacher by Region, Educational Stage and Gender in Government Education, 2009/2010*

Region and Stage	Males	Females	Both Genders
Abu Dhabi Emirate	-	-	11.4
Cycle1	-	-	11.8
Cycle2	12.5	12.9	12.7
Secondary	11.8	11.0	11.3
Multi-Stage	9.3	9.8	9.6
Abu Dhabi	-	-	12.9
Cycle1	-	-	13.2
Cycle2	14.5	13.3	13.8
Secondary	13.7	11.6	12.5
Multi-Stage	11.4	10.6	10.9
Al Ain	-	-	10.6
Cycle1	-	-	10.8
Cycle2	10.8	12.9	11.6
Secondary	9.9	10.5	10.2
Multi-Stage	9.2	10.3	9.9
Western Region	-	-	8.6
Cycle1	-	-	9.4
Cycle2	9.3	10.8	10.2
Secondary	8.9	8.5	8.6
Multi-Stage	8.2	7.2	7.7

Source: Statistics Centre - Abu Dhabi

* Female teachers teach male students in cycle 1, so data on gender of teacher and gender of students by education stage is not sufficient to calculate pupils per teacher for cycle 1 and hence the total.

4.1.14. Number of Pupils per Classroom and Number of Teachers per Classroom by Region, Educational Stage and Gender in Government Education, 2009/2010*

Region and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate				
Pupils/Classroom	21.5	24.3	23.4	22.9
Males	21.1	24.0	22.6	22.5
Females	21.9	24.7	24.1	23.3
Teacher/Classroom	1.6	1.4	1.6	1.5
Males	1.1	1.4	1.5	1.3
Females	2.2	1.3	1.7	1.8
Abu Dhabi				
Pupils/Classroom	22.5	26.0	26.1	24.6
Males	22.6	26.6	26.0	24.8
Females	22.5	25.4	26.1	24.3
Teacher/Classroom	1.7	1.6	1.9	1.7
Males	1.2	1.5	1.7	1.4
Females	2.1	1.6	2.0	1.9
Al Ain				
Pupils/Classroom	21.5	23.2	22.0	22.2
Males	20.4	21.9	20.4	20.9
Females	22.5	24.7	23.5	23.5
Teacher/Classroom	1.6	1.3	1.6	1.5
Males	1.0	1.5	1.6	1.3
Females	2.2	1.1	1.5	1.6
Western Region				
Pupils/Classroom	17.2	21.6	17.7	18.7
Males	17.3	21.7	17.5	18.7
Females	17.1	21.4	17.9	18.6
Teacher/Classroom	1.7	0.8	0.9	1.2
Males	1.0	0.7	0.6	0.8
Females	2.4	1.0	1.1	1.6

Source: Statistics Centre - Abu Dhabi

* Excluding 198 Pupils in Special Education, Number of teachers does not include teachers in Kindergarten and Multi-Stage schools

4.1.15. Pupils per Classroom by Region and Education Stage in Private Education, 2009/2010

Region	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	24.7	24.1	23.5	24.3
Abu Dhabi	27.0	25.6	23.6	26.0
Al Ain	20.7	22.0	24.5	21.6
Western Region	23.9	14.7	10.2	19.3

Source: Statistics Centre - Abu Dhabi

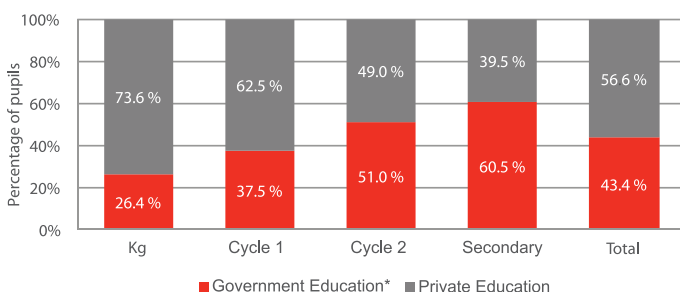
4.1.16. Pupils per Teacher and Number of Teachers per Classroom by Region in Private Education, 2009/2010

Region	Pupil / Teacher	Teacher / Classroom
Abu Dhabi Emirate	13.9	1.7
Abu Dhabi	14.1	1.8
Al Ain	13.4	1.6
Western Region	14.5	1.3

Source: Statistics Centre - Abu Dhabi

Figure 4.1.4

Percentage Distribution of Pupils by Sector & Stage , 2009/2010



Source: Statistics Centre - Abu Dhabi

*Excluding 198 students in Special Education

Educational Enrollment

The number of students, who were enrolled in all educational stages up to the secondary level in 2009/2010, was 291314 (excluding 198 students in the special education). Number of males was 148079, while females were 143235 females, making a 96.7% female/male ratio. This ratio was 109.9% in the government education, while it reached 87.7% in the private education.

The gross enrolment ratio, defined as the number of students, regardless of their age, enrolled in a particular education stage to the number of population in that stage's official age group multiplied by 100. The 2008/2009 gross enrolment ratio in the first cycle was 91.9%, making 88.1% and 96.3%, for males and females respectively. The net enrolment ratio, defined as the number of enrolled students in the official age range of a particular education stage to the number of population in that stage's official age group multiplied by 100. The 2008/2009 net enrolment ratio in the first cycle was 78.6%, making 76.1% and 81.5%, for males and females respectively.

4.1.17. Gross Enrollment Ratio * by Gender and Educational Stage, 2008/2009

Stage	Males	Females	Both Genders
Kindergarten	53.8	57.5	55.6
Class 1	99.4	111.8	105.3
Cycle1	88.1	96.3	91.9
Cycle2	81.1	86.4	83.6
Secondary	73.5	82.5	77.9

Source: Statistics Centre - Abu Dhabi

* Based on updated population estimates

4.1.18. Net Enrollment Ratio * by Gender and Educational Stage, 2008/2009

Stage	Males	Females	Both Genders
Kindergarten	52.4	56.2	54.2
Cycle1	76.1	81.5	78.6
Cycle2	65.2	70.2	67.6
Secondary	55.9	62.8	59.3

Source: Statistics Centre - Abu Dhabi

* Based on updated population estimates

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

Region	2005/2006	2007/2008	2008/2009	2009/2010
Abu Dhabi Emirate	49.3	53.5	57.2	56.6
Abu Dhabi Region	59.7	62.3	65.6	64.1
Al Ain Region	36.3	43.2	48.0	48.2
Western Region	22.7	27.6	25.9	28.0

Source: Statistics Centre - Abu Dhabi

Dropout and Progression

The dropout rate in all education stages of government education during the 2007/2008 school year was 1.8 %, with a rate of 2.4% for males and 1.1% for females. The dropout rate in the first education cycle was 0.7%, increasing in the older educational stages with 1.3% in the second cycle and 4.1% in the secondary stage. This finding applies to both nationals and non-nationals as well as to all the regions of Abu Dhabi Emirate.

Progression ratios in secondary school for males and females were 100.4% and 102.4% respectively, while the overall ratio was 101.4% in 2009/2010.

4.1.20. Ratio of Progression to Secondary School by Gender

Stage	Males	Females	Both Genders
Class 10 (2009/2010)	9,260	9,026	18,286
Class 9 (2008/2009)	9,219	8,818	18,037
% *	100.4	102.4	101.4

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

* Ratio of progression > 100 due to migration, repetition

4.1.21. Drop out Rate by Region, Educational Stage, Nationality and Gender in Government Schools, 2007/2008

Region, Stage and Nationality	Males	Females	Both Genders
Total	2.4	1.1	1.8
Cycle 1	1.0	0.4	0.7
Cycle 2	1.9	0.6	1.3
Secondary	5.5	2.8	4.1
Abu Dhabi	1.9	1.0	1.4
Cycle 1	1.0	0.3	0.6
Cycle 2	1.0	0.4	0.7
Secondary	4.5	2.8	3.6
Al Ain	3.0	1.2	2.1
Cycle 1	0.9	0.4	0.7
Cycle 2	2.8	0.8	1.8
Secondary	7.1	2.9	4.8
Western Region	2.7	1.2	1.9
Cycle 1	1.3	1.0	1.2
Cycle 2	3.0	0.4	1.7
Secondary	4.5	2.7	3.6
Nationals			
Total	2.5	1.0	1.7
Cycle 1	0.9	0.3	0.6
Cycle 2	2.0	0.6	1.3
Secondary	6.8	3.0	4.7
Abu Dhabi	1.9	1.0	1.5
Cycle 1	1.0	0.3	0.6
Cycle 2	1.0	0.3	0.7
Secondary	5.6	3.3	4.4
Al Ain	3.2	1.1	2.1
Cycle 1	0.9	0.3	0.6
Cycle 2	2.9	0.8	1.9
Secondary	8.5	2.9	5.2
Western Region	2.7	1.0	1.8
Cycle 1	0.8	0.9	0.8
Cycle 2	3.3	0.4	1.9
Secondary	5.3	2.2	3.7
Non Nationals			
Total	2.3	1.3	1.8
Cycle 1	1.2	0.7	1.0
Cycle 2	1.7	0.6	1.2
Secondary	3.6	2.4	3.0
Abu Dhabi	1.8	1.0	1.4
Cycle 1	0.9	0.5	0.7
Cycle 2	0.9	0.6	0.8
Secondary	3.0	1.7	2.4
Al Ain	2.6	1.5	2.1
Cycle 1	1.0	0.7	0.9
Cycle 2	2.3	0.8	1.5
Secondary	4.6	3.1	3.8
Western Region	2.7	1.5	2.1
Cycle 1	2.1	1.3	1.7
Cycle 2	2.7	0.3	1.5
Secondary	3.6	3.4	3.5

Source: Statistics Centre - Abu Dhabi

Educational Attainment

Population estimates for mid-2010 (more than 10 years old) show that the number of illiterates was 138,744, where males and females percentages were 78.7% and 21.3% respectively. Estimates reveal that the illiteracy rates among males, females and both sexes were 8.7%, 6.4% and 7.9%, respectively. The corresponding figures among national males, females and both sexes were, 3.5%, 8.8% and 6.1%, respectively. The percentage of the population (aged more than 10 years old) who attained university or higher degree among males, females and both gender were, 13.2%, 16.3% and 14.1% respectively.

4.1.22. Percentage Distribution of Higher Education Students by Sector, Nationality and Gender, 2009/2010

Sector and Nationality	Males	Females	Both Genders
Nationals	73.8	76.1	75.1
Government	88.4	89.6	89.2
Private	57.5	47.3	52.6
Non-Nationals	26.2	23.9	24.9
Government	11.6	10.4	10.8
Private	42.5	52.7	47.4

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

4.1.23. Percentage Distribution of Higher Education Graduates by Nationality, Gender and Sector, 2009/2010

Sector and Nationality	Males	Females	Both Genders
Nationals	75.4	71.3	72.8
Government	90.4	89.6	89.8
Private	61.3	34.6	47.4
Non-Nationals	24.6	28.7	27.2
Government	9.6	10.4	10.2
Private	38.7	65.4	52.6

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

4.1.24. Illiteracy Rate (%) Among Population (10 years and above) by Nationality and Gender

Nationality and Gender	2005	2008	2009	2010
Total	12.6	9.5	8.3	7.9
Males	14.2	10.6	9.2	8.7
Females	9.1	7.3	6.6	6.4
Nationals	8.3	6.8	6.3	6.1
Males	5.0	4.0	3.7	3.5
Females	11.5	9.7	9.0	8.8
Non Nationals	13.9	10.2	8.9	8.4
Males	16.0	11.8	10.2	9.7
Females	7.9	6.1	5.4	5.2

Source: Statistics Centre - Abu Dhabi

4.1.25. Literacy Rate (%) Among Population (10 years and above) by Nationality and Gender

Nationality and Gender	2005	2008	2009	2010
Total	87.4	90.5	91.7	92.1
Males	85.8	89.4	90.8	91.3
Females	90.9	92.7	93.4	93.6
Nationals	91.7	93.2	93.7	93.9
Males	95.0	96.0	96.3	96.5
Females	88.5	90.3	91.0	91.2
Non Nationals	86.1	89.8	91.1	91.6
Males	84.0	88.2	89.8	90.3
Females	92.1	93.9	94.6	94.8

Source: Statistics Centre - Abu Dhabi

4.1.26. Illiteracy Rate (%) Among Youth Population (15-24 years) by Nationality and Gender

Nationality and Gender	2005	2008	2009	2010
Total	5.8	4.3	3.7	3.5
Males	7.5	5.5	4.7	4.5
Females	3.7	2.8	2.5	2.4
Nationals	0.8	0.6	0.5	0.5
Males	0.6	0.5	0.4	0.4
Females	1.0	0.7	0.6	0.6
Non Nationals	9.1	6.6	5.6	5.3
Males	11.2	8.1	6.8	6.5
Females	5.8	4.4	3.9	3.7

Source: Statistics Centre - Abu Dhabi

4.1.27. Literacy Rate (%) Among Youth Population (15-24 years) by Nationality and Gender

Nationality and Gender	2005	2008	2009	2010
Total	94.2	95.7	96.3	96.5
Males	92.5	94.5	95.3	95.5
Females	96.3	97.2	97.5	97.6
Nationals	99.2	99.4	99.5	99.5
Males	99.4	99.5	99.6	99.6
Females	99.0	99.3	99.4	99.4
Non Nationals	90.9	93.4	94.4	94.7
Males	88.8	91.9	93.2	93.5
Females	94.2	95.6	96.1	96.3

Source: Statistics Centre - Abu Dhabi

4.1.28. Total Population Estimates (10 years and over) by Region, Education Status and Gender, Mid 2010

Region and Educational Status	Males	Females	Total
Abu Dhabi Emirate	1,225,404	459,018	1,684,421
Illiterate	109,227	29,518	138,744
Read and Write	227,400	59,119	286,519
Primary	194,831	66,115	260,946
Preparatory	216,848	71,410	288,258
Secondary	264,457	134,157	398,614
Above Secondary and Below University	50,730	23,774	74,504
University	138,844	67,125	205,969
Higher Diploma	5,426	2,538	7,964
Master	12,753	4,235	16,988
Ph.D.	4,888	1,027	5,916
Abu Dhabi	741,202	287,658	1,028,859
Illiterate	66,840	17,934	84,774
Read and Write	138,942	37,797	176,739
Primary	117,570	41,041	158,612
Preparatory	130,392	44,151	174,543
Secondary	158,474	82,993	241,467
Above Secondary and Below University	30,762	15,435	46,197
University	84,241	43,184	127,425
Higher Diploma	3,262	1,629	4,891
Master	7,740	2,820	10,559
Ph.D.	2,978	674	3,653
Al Ain	329,997	147,241	477,238
Illiterate	28,120	9,998	38,118
Read and Write	58,903	18,262	77,165
Primary	52,928	21,576	74,504
Preparatory	59,687	23,469	83,156
Secondary	73,704	44,048	117,752
Above Secondary and Below University	13,533	7,123	20,656
University	36,956	20,484	57,440
Higher Diploma	1,494	778	2,272
Master	3,391	1,203	4,594
Ph.D.	1,280	301	1,581
Western Region	140,325	22,489	162,814
Illiterate	13,003	1,467	14,470
Read and Write	26,934	2,869	29,803
Primary	22,134	3,254	25,388
Preparatory	24,338	3,521	27,859
Secondary	29,332	6,613	35,945
Above Secondary and Below University	5,859	1,145	7,004
University	16,066	3,247	19,313
Higher Diploma	609	123	732
Master	1,477	201	1,678
Ph.D.	574	49	623
Emirate Islands	13,880	1,630	15,510
Illiterate	1,262	119	1,381
Read and Write	2,621	191	2,812
Primary	2,198	245	2,443
Preparatory	2,431	269	2,700
Secondary	2,947	504	3,451
Above Secondary and Below University	577	71	648
University	1,581	210	1,791
Higher Diploma	61	8	69
Master	145	11	156
Ph.D.	56	3	59

Source: Statistics Centre - Abu Dhabi

4.1.29. Nationals Population Estimates (10 years and over) by Region, Education Status and Gender, Mid 2010

Region and Educational Status	Males	Females	Total
Abu Dhabi Emirate	157,626	158,185	315,811
Illiterate	5,580	13,879	19,459
Read and Write	13,964	15,455	29,419
Primary	28,080	25,359	53,439
Preparatory	36,340	28,553	64,893
Secondary	50,296	53,333	103,629
Above Secondary and Below University	5,683	4,671	10,354
University	15,021	15,786	30,807
High Diploma	912	624	1,536
Master	1,357	371	1,728
Ph.D.	391	155	546
Abu Dhabi	82,802	83,355	166,156
Illiterate	2,931	7,314	10,245
Read and Write	7,336	8,144	15,479
Primary	14,751	13,363	28,114
Preparatory	19,090	15,046	34,136
Secondary	26,421	28,104	54,524
Above Secondary and Below University	2,985	2,461	5,446
University	7,890	8,318	16,209
High Diploma	479	329	808
Master	713	196	909
Ph.D.	206	81	287
Al Ain	63,430	65,536	128,966
Illiterate	2,245	5,750	7,996
Read and Write	5,619	6,403	12,022
Primary	11,300	10,506	21,806
Preparatory	14,624	11,830	26,453
Secondary	20,239	22,096	42,336
Above Secondary and Below University	2,287	1,935	4,222
University	6,044	6,540	12,585
Higher Diploma	367	258	625
Master	546	154	700
Ph.D.	158	64	222
Western Region	10,017	8,334	18,350
Illiterate	355	731	1,086
Read and Write	887	814	1,702
Primary	1,784	1,336	3,120
Preparatory	2,309	1,504	3,814
Secondary	3,196	2,810	6,006
Above Secondary and Below University	361	246	607
University	955	832	1,786
Higher Diploma	58	33	91
Master	86	20	106
Ph.D.	25	8	33
Emirate Islands	1,378	960	2,338
Illiterate	49	84	133
Read and Write	122	94	216
Primary	245	154	399
Preparatory	318	173	491
Secondary	440	324	763
Above Secondary and Below University	50	28	78
University	131	96	227
Higher Diploma	8	4	12
Master	12	2	14
Ph.D.	3	1	4

Source: Statistics Centre - Abu Dhabi

4.1.30. Non - Nationals Population Estimates (10 years and over) by Region, Education Status and Gender, Mid 2010

Region and Educational Status	Males	Females	Total
Abu Dhabi Emirate	1,067,778	300,833	1,368,611
Illiterate	103,647	15,638	119,285
Read and Write	213,436	43,664	257,100
Primary	166,750	40,756	207,507
Preparatory	180,508	42,857	223,365
Secondary	214,161	80,824	294,985
Above Secondary and Below University	45,047	19,103	64,151
University	123,823	51,339	175,162
Higher Diploma	4,514	1,915	6,428
Master	11,396	3,864	15,259
Ph.D.	4,497	873	5,369
Abu Dhabi	658,400	204,303	862,703
Illiterate	63,909	10,620	74,530
Read and Write	131,606	29,653	161,259
Primary	102,820	27,679	130,498
Preparatory	111,303	29,105	140,408
Secondary	132,053	54,889	186,943
Above Secondary and Below University	27,777	12,974	40,750
University	76,350	34,866	111,216
Higher Diploma	2,783	1,300	4,083
Master	7,027	2,624	9,651
Ph.D.	2,773	593	3,365
Al Ain	266,567	81,705	348,272
Illiterate	25,875	4,247	30,122
Read and Write	53,283	11,859	65,142
Primary	41,629	11,069	52,698
Preparatory	45,063	11,640	56,703
Secondary	53,465	21,951	75,416
Above Secondary and Below University	11,246	5,188	16,434
University	30,912	13,944	44,855
Higher Diploma	1,127	520	1,647
Master	2,845	1,049	3,894
Ph.D.	1,123	237	1,360
Western Region	130,308	14,155	144,463
Illiterate	12,649	736	13,385
Read and Write	26,047	2,055	28,102
Primary	20,350	1,918	22,267
Preparatory	22,029	2,017	24,045
Secondary	26,136	3,803	29,939
Above Secondary and Below University	5,497	899	6,396
University	15,111	2,416	17,527
Higher Diploma	551	90	641
Master	1,391	182	1,572
Ph.D.	549	41	590
Emirate Islands	12,502	670	13,172
Illiterate	1,214	35	1,248
Read and Write	2,499	97	2,596
Primary	1,952	91	2,043
Preparatory	2,114	95	2,209
Secondary	2,508	180	2,687
Above Secondary and Below University	527	43	570
University	1,450	114	1,564
Higher Diploma	53	4	57
Master	133	9	142
Ph.D.	53	2	55

Source: Statistics Centre - Abu Dhabi

4.2. Health

The Emirate of Abu Dhabi accords special importance to health services through the application of best practices in the field of medical and preventive services. This section presents the key statistics and indicators of health for the Emirate of Abu Dhabi.

The number of physicians in the emirate reached 4,757 in 2010. The Emirate's health resources and professionals also included 3,579 hospital beds and 8,221 nurses. The rate per 1000 population gives a clearer view of the coverage of health resources, and to this end there were 2.4 physicians, 1.8 beds and 4.2 nurses per 1000 population.

The health sector data also point to a rise in the number of physicians in government hospitals from 1,822 in 2009 to 2026 in 2010. In addition, the number of outpatients grew from 1,331,900 in 2009 to 1,386,700 in 2010, while admitted patients increased from 105,100 in 2009 to 105,200 in 2010.

Although the number of hospitals fell from 39 in 2009 to 33 in 2010, health services have observed a marked increase during the period in question, with the number of health centres growing from 365 in 2009 to 435 in 2010, and clinics from 207 to 239. Furthermore, the number of available hospitals beds increased from 3,621 in 2009 to 3,579 in 2010.

2010

Physicians per 1000 population	2.4
Beds per 1000 population	1.8
Nurses per 1000 population	4.2
Hospitals	33
Hospital Beds	3,579
Health Centres	435
Clinics	239
Pharmacies	408
Physicians	4,757
Nurses	8,221

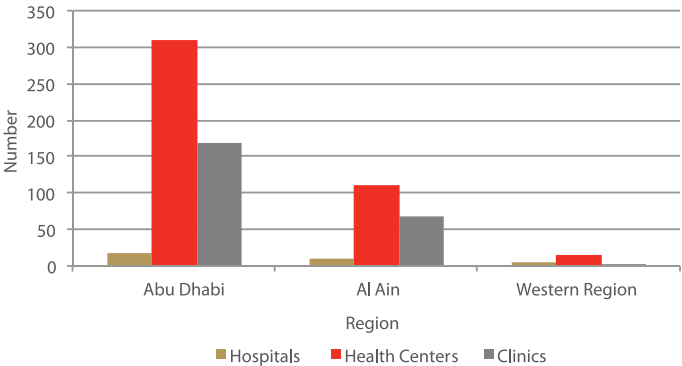
4.2.1. Summary of Government Health Statistics

Details	2008	2009	2010
Hospitals	12	12	12
Clinics	51	59	48
Beds	2,596	2,652	2,582
Patients Admitted	106,200	105,100	105,200
Doctors	2,786	1,822	2,026
Out - Patients	1,379,800	1,331,900	1,386,700
Labouratory Tests	10,979,049	n.a	n.a
X Rays	776,705	n.a	n.a
Operations Performed	33,338	n.a	n.a

Source: Health Authority - Abu Dhabi

Figure 4.2.1

Hospitals, Health Centres and Clinics by Region, 2010



Source: Health Authority - Abu Dhabi

4.2.2. Hospitals by Region and Sector

Region and Sector	2008	2009	2010
Abu Dhabi Emirate	39	39	33
Government	12	12	12
Private	25	25	19
Military	2	2	2
Abu Dhabi	24	23	18
Government	4	4	4
Private	19	18	13
Military	1	1	1
Al Ain	9	10	9
Government	3	3	3
Private	5	6	5
Military	1	1	1
Western Region	6	6	6
Government	5	5	5
Private	1	1	1
Military	0	0	0

Source: Health Authority - Abu Dhabi

4.2.3. Hospitals, Health Centres and Clinics by Region

Region and Sector	2008	2009	2010
Total			
Hospitals	39	39	33*
Health Centres	386	365	435
Clinics	196	207	239
Abu Dhabi			
Hospitals	24	23	18
Health Centres	286	260	310
Clinics	125	134	168
Al Ain			
Hospitals	9	10	9
Health Centres	95	95	110
Clinics	66	68	68
Western Region			
Hospitals	6	6	6
Health Centres	5	10	15
Clinics	5	5	3

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 license to operate.

4.2.4. Death Rate (Per 100,000 Population) by Causes of Death, 2010

Causes of Death	Rate
Diseases of the Circulatory System	38.8
External Causes of Morbidity and Mortality	27.7
Neoplasms	23.6
Congenital Malformations, Deformations and Chromosomal	7.2
Injury, Poisoning and certain other consequences of external causes	2.1
Endocrine, Nutritional and Metabolic diseases	9.9
Diseases of the respiratory System	7.6
Certain Infectious and Parasitic Diseases	2.8
Certain conditions originating in the prenatal period	3.1
Diseases of the digestive system	2.9
Diseases of the genitourinary system	2.4
Diseases of the nervous system	1.9
Factor influencing health status and contact with health services	0.3
Diseases of the blood and blood - forming organs and certain disorders involving the immune mechanism	0.9
Diseases of the musculoskeletal system and connective tissues	0.5
Mental and behavioral disorders	0.2
Diseases of the skin and subcutaneous tissues	0.2
Pregnancy, childbirth and the puerperoum	0.1
Symptoms, signs and abnormal clinical and labouratory findings not elsewhere classified	12.8
Causes of death not identified	1.2

Source: Statistics Centre - Abu Dhabi

4.2.5. Clinicians per 100,000 population by Region

Region	2008	2009	2010
Abu Dhabi Emirate			
Physicians	312	237	242
Nurses	406	446	418
Dentists	49	45	45
Abu Dhabi Region			
Physicians	-	294	258
Nurses	-	498	433
Dentists	-	57	50
Al Ain Region			
Physicians	-	222	251
Nurses	-	515	45
Dentists	-	41	449
Western Region			
Physicians	-	116	118
Nurses	-	260	244
Dentists	-	16	13

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

4.2.6. Notifications of Infectious Diseases

Infectious Diseases	2005	2008	2009	2010
Total	12,345	18,489	13,355	14,322
Acute Flaccid Paralysis	14	11	11	11
Chicken Pox	6307	15161	7219	7429
Measles	18	24	34	50
Mumps	117	184	200	221
Rubella	23	19	48	22
Tetanus	0	1	3	1
Whooping Cough	10	29	40	73
Influenza	53	0	0	248
Campylobacter food poisoning	0	13	0	0
Para Typhoid	15	12	30	12
Salmonella food poisoning	105	39	205	0
Salmonella Others	0	8	0	90
Staphylococcus food poisoning	0	3	0	0
Other food poisoning	111	85	309	471
Typhoid Fever	45	117	133	335
Hepatitis A	186	212	181	193
Hepatitis B Cases	384	585	518	711
Hepatitis C Cases	191	425	479	668
V Hepatitis Other	0	8	12	26
Meningococcal Meningitis	1	6	0	0
H Influenza Meningitis	0	1	0	0
Viral Mening	76	0	0	36
Viral Mening Aseptic	0	23	33	0
Other Bacterial Meningitis	15	22	24	0
Leprosy	3	7	0	0
Malaria	570	991	1393	1415
Scabies	42	317	495	654
Scarlet Fever	71	162	175	105
Cholera	2	0	0	0
Seasonal Influenza	0	0	951	0
Pulmonary Tuberculosis	239	0	192	450
Extra Pulmonary Tuberculosis	0	0	79	175
Syphilis	335	0	145	62
Other STD	51	0	65	318
Ascariasis	1037	0	0	0
Bacillary Dysentery	32	0	52	51
Other bacterial Dysentery	0	0	123	0
Amoebic Dysentery	470	0	0	0
Gonorrhoea	25	0	27	62
Brucellosis	28	0	45	52
Ancylostomiasis	193	0	0	0
Strep-pneumonia	6	0	0	0
Schistosomiasis	5	0	36	1
Other intestinal parasites	672	0	0	0
Acute Encephalites	6	0	10	10
Giardia Lambia	863	0	36	55
Other	24	24	52	315

Source: Health Authority - Abu Dhabi

4.2.7. Beds and Admissions in Government Hospitals by Region

Region	2008	2009	2010
Abu Dhabi Emirate			
Beds	2,596	2,652	2,582
Patients Admitted	106,200	105,100	105,200
Abu Dhabi			
Beds	1,492	1,550	1,504
Patients Admitted	59,000	58,700	59,100
Al Ain			
Beds	831	851	824
Patients Admitted	39,100	38,400	38,900
Western Region			
Beds	273	251	254
Patients Admitted	8,100	8,000	7,200

Source: Health Authority - Abu Dhabi

4.2.8. Immunizations Carried Out by Type

Vaccinations	2008	2009
Total	750,881	588,451
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	-
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 *

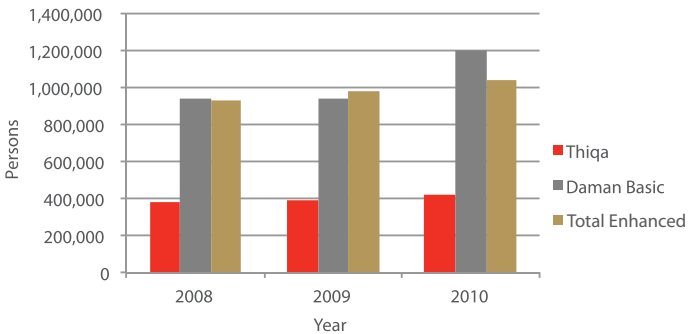
Insurance Company	2008	2009	2010
Thiqa	383,795	394,618	422,239
Daman Basic	944,344	936,207	1,204,418
Total Enhanced	932,610	981,744	1,044,734
Daman Enhanced	304,649	301,447	299,089
Oman Insurance Company	155,735	205,690	171,478
Abu Dhabi National Insurance Company	97,058	90,190	151,654
Al Sagr National Insurance Company	94,758	27,661	0
Al Khazna Insurance Company	90,229	137,648	78,147
Alliance Insurance Company	40,960	881	14,822
Al O Buhaira National Insurance Company	25,083	51,215	49,838
Arab Orient Insurance company	24,337	1,524	26,742
Emirate Insurance Company	26,517	15,167	17,721
Methaq Takaful	0	0	17,002
Al Dhafra Insurance Company	14,087	957	12,590
Tkaful Emarat Insurance	12,721	16,222	1,600
Qatar Insurance Company	10,381	9,332	6,305
Ras al Khaimah National Insurance company	8,827	11,368	10,508
American Life Insurance Company	6,431	1,030	10,384
Al Ain Ahlia Insurance Company	4,707	23,857	24,419
Arabian Scandinavian Insurance Company	4,489	1	29
Al Fujairah National Insurance Company	2,112	36	4,099
United Insurance Company	1,887	3,645	825
Lebanese Insurance Company	1,437	3,596	7,044
Islamic Arab Insurance Company (Salama)	926	1,726	622
Dubai Islamic Insurance & Reinsurance Co (Aman)	916	258	286

National General Insurance Company	792	627	2,798
Saudi Arabian Insurance Company	469	2,445	0
Royal and Sun alliance Insurance (Middle East)Ltd	9	781	1,381
Arabian Insurance Company	49	443	1,076
Al Wathba National Insurance Company	0	41,583	48,038
Axa Insurance- Gulf	3,044	3,537	886
Al Hilal Tkaful -PSC	0	5,003	11,075
NoorTakaful	0	47	2,094
Dubai Insurance Company	0	2,486	170
Green Crescent Insurance Company	0	21,341	70,881
Abu Dhabi Takaful	0	0	1,131

Source: Health Authority - Abu Dhabi

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

Figure 4.2.2
Persons Insured by Insurance Companies



4.3. Social Welfare

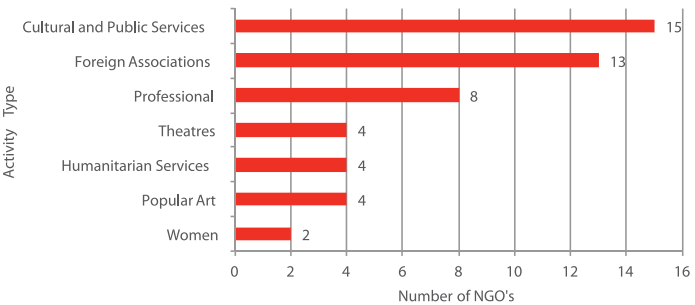
The Abu Dhabi government makes a variety of social services available for its citizens, aiming to provide them a dignified and prosperous life, at both individual and family levels, regardless of the social vulnerability they are facing.

In 2010, the elderly age group was the largest among all groups who enjoyed the care provided by Abu Dhabi government receiving 27.5% of all services followed by 'divorce' with a 23.5 %.The value of social aid spent on 'old age' was more than 185 million AED, and 124 million AED was spent on 'divorce' cases.

The numbers of cases seeking social benefits have experienced a consistent, monthly growth in the Emirate. The number of cases seeking social benefits was 10,884 in January, 2010, costing over AED 51 million, which increased every month to 11,814 cases in December, 2010, costing over 55 million AED.

In 2005 the number of employees working at nurseries (under supervision of the Ministry of Social Affairs) was 282, increasing to 836 in 2010, with the number of nurseries doubling from 31 to 66 over the same period. The number of non-government organizations has increased from 42 in 2005 to 50 in 2010, mostly through growth in cultural and public services.

Figure 4.3.1
Non - Government Organizations by Activity, 2010



Source: Statistics Centre - Abu Dhabi

4.3.1. Non - Government Organizations by Activity

Activity	2005	2008	2009	2010
Total	42	46	47	50
Women	4	4	2	2
Professional	7	7	8	8
Popular Art	4	4	4	4
Cultural and Public Services	10	12	13	15
Humanitarian Services	1	2	3	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
Total	50	23,594	3,022	26,616
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 Value of Social Aid Offered to Nationals by Reason of Aid, 2010

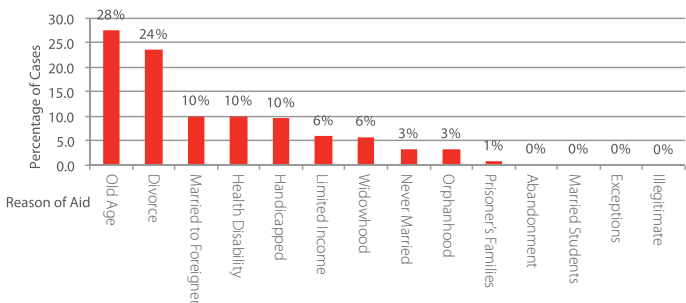
(values in AED)

Case Type	Cases	Total Aid Value	Cases %
Total	11,814	630,347,645	100.0
Health Disability	1,131	78,748,206	9.6
Limited Income	698	31,822,336	5.9
Never Married	386	19,732,574	3.3
Widowhood	687	37,658,953	5.8
Abandonment	18	1,554,000	0.2
Orphanhood	386	21,970,440	3.3
Married Students	0	0	0.0
Prisoner's Families	93	8,561,620	0.8
Exceptions	13	1,544,400	0.1
Handicapped	1,181	58,537,128	10.0
Illegitimate	14	674,300	0.1
Married to Foreigner	1,177	59,603,470	10.0
Old Age	3,249	185,319,677	27.5
Divorce	2,781	124,620,541	23.5

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

Figure 4.3.2

Percentage Distribution of Social Aid Cases by Reason of Aid, 2010



Source: Statistics Centre - Abu Dhabi

4.3.4. Beneficiary Cases and Social Aid Value Given by Month of Aid,2010

(values in Million AED)

Month	Cases	Aid Value
Total	-	630.3
January	10,884	51.7
February	10,929	51.8
March	10,952	51.8
April	10,993	51.9
May	11,010	51.9
June	11,059	52.1
July	11,100	52.1
August	11,164	52.4
September	11,231	52.7
October	11,319	53.1
November	11,440	53.7
December	11,814	55.1

Source: Ministry of Social Affairs

4.3.5. Nurseries , Employees and Children in Nurseries Operating Under the Supervision of the Ministry of Social Affairs

Item	2005	2008	2009	2010
Number of Nurseries	31	42	46	66
Number of Employees at Nurseries	282	436	653	836
Number of Children at Nurseries	2275	3620	3970	6225

Source: Ministry of Social Affairs

4.3.6. Nurseries , Employees and Children Ratios in Nurseries Operating Under the Supervision of the Ministry of Social Affairs

Item	2005	2008	2009	2010
Children / Nurseries	73.4	86.2	86.3	94.3
Children /employees at Nurseries	8.1	8.3	6.1	7.4
Employees at Nurseries / Nurseries	9.1	10.4	14.2	12.7

Source: Statistics Centre - Abu Dhabi

4.3.7. Children in Nurseries Operating Under the Supervision of Ministry of Social Affairs by Gender, Age and Nationality

Items	2005	2008	2009	2010
Total	2,275	3,620	3,970	6,225
Nationals	481	894	776	1,755
Non - Nationals	1,794	2,726	3,194	4,470
Females	1,172	1,886	1,910	3,262
Males	1,103	1,734	2,060	2,963
Infants	321	336	257	565
Non - Infants	1954	3284	3713	5660

Source: Ministry of Social Affairs

4.3.8. Disabled Students in Government and Private Care Centres by Nationality and Gender, 2010

Item	Males	Females	Total
Total	1,100	691	1,791
Nationals	705	454	1,159
Handicapped Care and Rehabilitation Centre in Abu Dhabi	303	221	524
Al Ain Centre for Care and Rehabilitation	100	92	192
Special Care Centre	0	0	0
Al Silla Centre for Special Needs	21	8	29
Ghiaththy Centre for Special Need	14	12	26
Alqoo, Centre for Rehabilitation and care for Individuals	8	11	19
Zayed City Centre for special Need	11	15	26
Abu Dhabi Centre for Autism	31	5	36
Stars Centre for Special Abilities	3	3	6
Al Ain Private Centre for Care and Rehabilitation	55	22	77
Al Najah Private Rehabilitation Centre	4	0	4
Future Centre for Special Needs	37	30	67
Gulf Autism Centre	15	4	19
Al Noor Speech Hearing and Capacity development Centre	8	4	12
Al Amal Handicapped Care and Rehabilitation Centre	3	3	6
Zayed Centre for Agriculture and Development and Rehabilitation	43	0	43
Capacity Development Centre for Special Need	5	1	6
The New England Centre for Children	23	10	33
Emirates Centre for Autism	16	7	23
Hope Centre for Special Need	1	2	3
Delma Centre for Special Needs	2	4	6
Enduraty Centre for Special Need	2	0	2

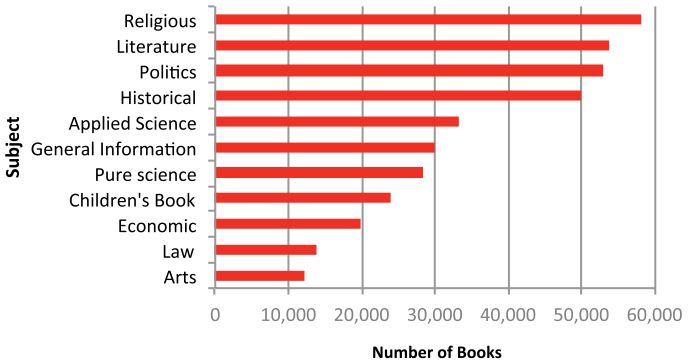
Non - Nationals	395	237	632
Handicapped Care and Rehabilitation Centre in Abu Dhabi	22	19	41
Al Ain Centre for Care and Rehabilitation	19	16	35
Special Care Centre	39	24	63
Al Silla Centre for Special Needs	2	1	3
Ghiathy Centre for Special Need	2	2	4
Alqoo, Centre for Rehabilitation and care for Individuals	6	5	11
Zayed City Centre for special Need	13	7	20
Abu Dhabi Centre for Autism	0	0	0
Stars Centre for Special Abilities	8	6	14
Al Ain Private Centre for Care and Rehabilitation	47	21	68
Al Najah Private Rehabilitation Centre	17	12	29
Future Centre for Special Needs	57	45	102
Gulf Autism Centre	12	4	16
Al Noor Speech Hearing and Capacity development Centre	62	43	105
Al Amal Handicapped Care and Rehabilitation Centre	3	4	7
Zayed Centre for Agriculture and Development and Rehabilitation	0	0	0
Capacity Development Centre for Special Need	28	8	36
The New England Centre for Children	3	0	3
Emirates Centre for Autism	17	6	23
Hope Centre for Special Need	26	8	34
Delma Centre for Special Needs	0	1	1
Enduraty Centre for Special Need	12	5	17

Source: Ministry of Social Affairs

4.5. Culture and Heritage

From 2005 to 2009 the number of books available at the national library has increased from 242,500 to 375,713. Meanwhile, the number of visitors to the zoo, museums and public parks was dropped from 3,178,865 in 2009 to 2716251 in 2010, which is a decline of 14.6% during this period.

Figure 4.5.1
Books Available at National Library by Subject, 2010



Source: Abu Dhabi Authority for Culture and Heritage

4.5.1. Cultural Season's Lectures by Subject

Lecture Subject	2005	2008	2009	2010
Total	72	51	62	58
Scientific	26	8	9	9
Religious	10	10	14	8
Arts	6	14	18	20
Politics and Economics	13	11	12	12
Technical	17	8	9	9

Source: Cultural Foundation

4.5.2. Books Available at the National Library by Subject

Subject	2005	2008	2009	2010
Total	240,220	340,681	366,758	375,923
Religious	35,500	52,500	57,116	58,112
Historical	34,200	44,600	48,350	49,830
Literature	41,800	50,980	52,012	53,814
Politics	38,000	52,260	52,623	52,840
Economic	9,700	14,229	19,600	19,960
Law	7,800	13,100	13,230	13,818
Arts	7,000	11,200	11,712	12,314
Pure science	17,300	26,400	26,400	28,265
Applied Science	18,000	24,800	32,432	33,162
Children's Book	15,200	23,612	23,661	23,890
General Information	15,720	27,000	29,622	29,918

Source: Abu Dhabi Authority for Culture and Heritage

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

Item	2005	2007	2008	2009
Visitors	170,339	109,434	123,772	132,859
Males	91,541	64,812	70,960	77,216
Females	78,798	44,622	52,812	55,643
Borrowers	10,524	18,050	19,600	22,332
Males	5,682	11,798	12,168	14,520
Females	4,842	6,252	7,432	7,812

Source: Abu Dhabi Authority for Culture and Heritage

* The Library has been closed in 2010 due to rehabilitation of the building

4.5.4. Visitors to the Zoo, Museums and Public Parks

Item	2006	2008	2009	2010
Total	2,628,486	3,670,443	3,178,865	2,716,251
Zoo	619,042	728,691	761,715	954,006
Hili Fun city	235,132	263,711	205,942	338,073
Public Parks	1,664,640	2,545,267	2,075,024	1,295,057
Al Ain Museum	53,110	56,693	38,195	38,634
Al Ain Palace Museum	56,562	72,281	82,776	77,119
Dalma Museum*	*	3,800	1,804	1,918
Al Jahili Fort Museum**	**	**	13,409	11,444

Source: Municipalities of Abu Dhabi city, Western Region ,Al Hili Fun City , Al Ain Wildlife Park and Resort and Abu Dhabi Authority for Culture and Heritage

* Started in 2008

**Started in 2009

4.5.5. Printing Press Shops, Book Stores, Publishers, Advertisers and Cinemas by Region, 2009

Item	Total	Abu Dhabi	Al Ain	Western Region
Printing Press Shop	110	89	21	0
Book Stores	206	128	70	8
Publishers*	180	158	21	1
Newspapers/Magazines	83	70	12	1
Advertisers	328	309	17	2
Cinemas	17	10	7	0

Source: National Media Council

*Includes Publication and Distribution

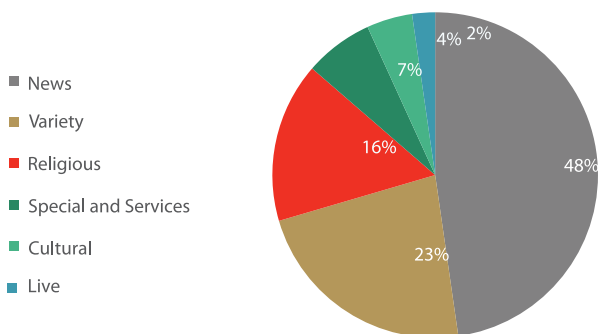
4.5.6. Programs Broadcasted by Abu Dhabi Radio Station by Type of Program

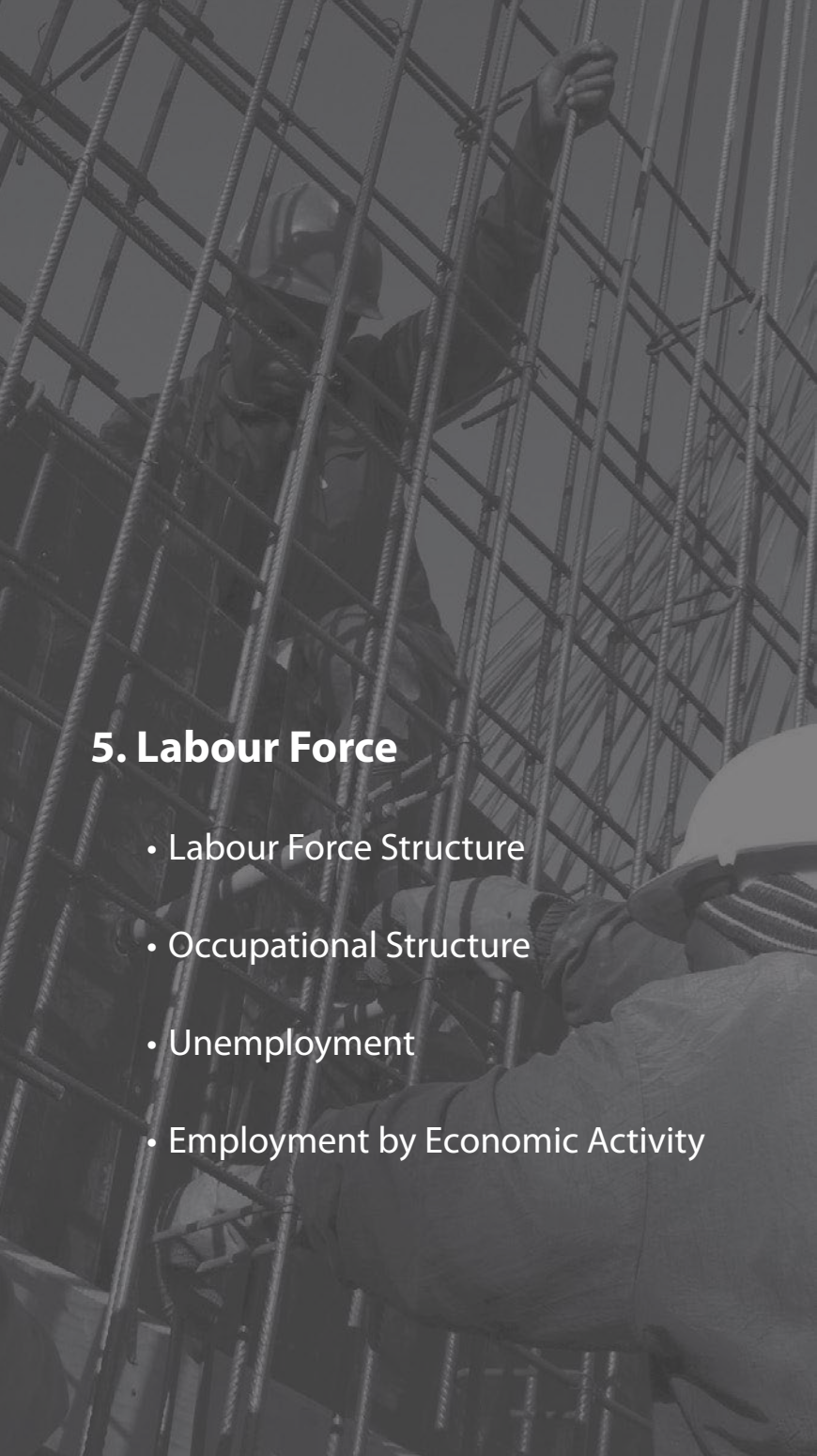
Type of Program	2009	2010
Total	43	44
Religious	5	7
Cultural	8	2
News	17	21
Variety	7	10
Live	3	1
Special and Services	3	3

Source: Abu Dhabi Media Company

Figure 4.5.2

Percentage of Programs Broadcasted by Abu Dhabi Radio Station by Type of Program, 2010





5. Labour Force

- Labour Force Structure
- Occupational Structure
- Unemployment
- Employment by Economic Activity

5. Labour Force

Due to ongoing economic growth the Emirate of Abu Dhabi has observed a significant increase in the labour force, growing from 297,406 in 1985 to 815,311 in 2005, according to censuses taken in those years. In 2010, the labour force was estimated at over 1.2 million, including 84,403 male nationals and 21,535 female nationals, or 105,938 nationals in total. In contrast, there were 124,910 non-national females and 974,480 males, making 1,099,390 non-nationals in total. Overall, 8.78% of the labour force are nationals and 12.1% are females.

Explanatory note – Estimates of Labour Force

Following the census (phase 2) conducted in 2010:

- Labour force estimates for 2010 have been produced by Nationality and gender, and revised estimates produced from 2006 to 2009.
- Labour force estimates have not been produced for 2010 by age and region. The latest estimates of the labour force by age and region are for 2008.
- Employment status of the labour force for 2010 has not been estimated. The latest estimates of the employment status of the labour force are for 2008.
- Following the 2011 Census, all labour force estimates will be revised.

Important Note: The age and regional structure of the labour force has not been revised since 2008. These data cannot be compared with revised estimates of population or in aggregate with revised estimates of the total labour force. They are provided to give an understanding of the age and regional profile.

2010

Percentage of Population in the Labour force	61.2%
Females as a percentage of total labour force	12.1%
Economic Dependency Ratio	63.2%

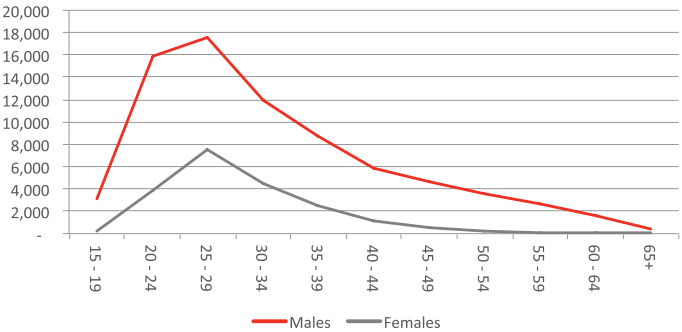
5.1. Labour Force Structure

The labour force comprises both employed and unemployed persons who are 15 years old and over. In 1985 the number of employed people was 294,524, which grew to a total of 786,738 in 2005. SCAD's mid-2008 estimates show that the number of employed was 889,418 people (aged 15 years and over), of which 9.7% were nationals and 15.5% females.

In 1985 the number of unemployed was 2,882, which grew to 28,573 in 2005 according to census data collected in those years. SCAD's mid-2008 estimates indicate the number of unemployed to be 29,881 people (aged 15-64 years), of which 33.6% are nationals and 27.3% females.

In relation to the age structure of the labour force in 2008, the 25-29 years age group was the largest amongst nationals with 26%, while the corresponding largest group for non-nationals was the 30-34 years age group comprising of 20.7%. Overall, the 30-34 age group was the largest age group in the labour force with 20.3%.

Figure 5.1.1
National Labour Force Estimates (15 years and over) by Age Group and Gender, Mid - 2008



Source: Statistics Centre - Abu Dhabi

5.1.1. Labour Force by Employment Status and Nationality, Censuses years

Indicator	1985	1995	2001	2005
Labour Force	297,406	532,881	676,547	815,311
Nationals	22,358	43,183	71,651	85,838
Non-Nationals	275,048	489,698	604,896	729,473
Employed	294,524	525,457	649,342	786,738
Nationals	21,579	40,981	60,753	75,518
Non-Nationals	272,945	484,476	588,589	711,220
Unemployed	2,882	7,424	27,205	28,573
Nationals	779	2,202	10,898	10,320
Non-Nationals	2,103	5,222	16,307	18,253

Source: Ministry of Economy , Department of Economic Development

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

(%)

Nationality and Gender	1980-1985	1985-1995	1995-2001	2001-2005
Total	1.7	6.0	4.1	4.7
Males	0.8	5.9	3.5	4.1
Females	16.0	6.8	9.7	8.6
Nationals	5.5	6.8	9.0	4.5
Males	5.2	6.1	7.3	4.0
Females	16.3	16.9	20.1	6.7
Non-Nationals	1.4	5.9	3.7	4.7
Males	0.4	5.9	3.1	4.1
Females	16.0	6.1	8.3	8.9

Source: Statistics Centre - Abu Dhabi

5.1.3 Unemployment Rate by Nationality and Gender

(%)

Nationality and Gender	1985	1995	2001	2005
Total	1.0	1.4	4.0	3.5
Males	0.8	1.3	2.8	2.8
Females	2.5	2.4	12.5	7.6
Nationals	3.5	5.1	15.2	12.0
Males	3.5	5.1	12.6	11.1
Females	4.2	4.9	26.6	15.5
Non - Nationals	0.8	1.1	2.7	2.5
Males	0.6	1.0	1.8	1.9
Females	2.4	2.1	9.8	6.3

Source: Statistics Centre - Abu Dhabi

5.1.4. Total Labour Force Estimates (15 years and over) by Age Group, Nationality and Gender, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	773,349	145,949	919,298
15 - 19	6,798	2,818	9,617
20 - 24	76,692	26,756	103,448
25 - 29	147,068	37,845	184,914
30 - 34	155,831	30,688	186,519
35 - 39	131,329	21,105	152,434
40 - 44	101,543	13,002	114,546
45 - 49	75,392	7,672	83,064
50 - 54	47,474	4,095	51,569
55 - 59	22,803	1,472	24,275
60 - 64	6,729	384	7,113
65+	1,690	110	1,800
Nationals	75,870	20,449	96,319
15 - 19	3,071	271	3,342
20 - 24	15,842	3,827	19,669
25 - 29	17,584	7,466	25,050
30 - 34	11,920	4,501	16,420
35 - 39	8,710	2,492	11,202
40 - 44	5,892	1,077	6,969
45 - 49	4,627	482	5,109
50 - 54	3,523	182	3,704
55 - 59	2,614	102	2,716
60 - 64	1,671	37	1,709
65+	417	12	429
Non-Nationals	697,479	125,500	822,979
15 - 19	3,728	2,547	6,275
20 - 24	60,850	22,930	83,779
25 - 29	129,484	30,380	159,864
30 - 34	143,911	26,187	170,099
35 - 39	122,619	18,613	141,232
40 - 44	95,652	11,925	107,577
45 - 49	70,765	7,190	77,954
50 - 54	43,951	3,914	47,865
55 - 59	20,189	1,370	21,559
60 - 64	5,057	347	5,404
65+	1,273	98	1,371

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.5. Labour Force Estimates (15 years and over) by Age Group, Nationality and Gender- Abu Dhabi Region, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	437,786	94,175	531,961
15 - 19	3,093	1,618	4,711
20 - 24	42,581	16,029	58,610
25 - 29	81,943	24,081	106,024
30 - 34	87,804	20,025	107,829
35 - 39	73,709	13,939	87,648
40 - 44	57,452	8,827	66,279
45 - 49	43,302	5,284	48,586
50 - 54	28,393	2,960	31,354
55 - 59	13,926	1,043	14,969
60 - 64	4,353	285	4,638
65+	1,229	84	1,313
Nationals	41,753	12,755	54,508
15 - 19	1,113	169	1,283
20 - 24	7,910	2,324	10,234
25 - 29	9,539	4,487	14,026
30 - 34	6,984	2,796	9,780
35 - 39	5,219	1,631	6,850
40 - 44	3,583	759	4,342
45 - 49	2,734	357	3,091
50 - 54	2,038	128	2,167
55 - 59	1,473	70	1,543
60 - 64	908	23	931
65+	250	11	262
Non-Nationals	396,033	81,420	477,453
15 - 19	1,979	1,449	3,428
20 - 24	34,671	13,705	48,376
25 - 29	72,404	19,594	91,998
30 - 34	80,820	17,230	98,050
35 - 39	68,490	12,308	80,799
40 - 44	53,869	8,068	61,937
45 - 49	40,568	4,928	45,496
50 - 54	26,355	2,832	29,187
55 - 59	12,453	972	13,425
60 - 64	3,445	262	3,707
65+	978	73	1,051

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.6. Labour Force Estimates (15 years and over) by Age Group, Nationality and Gender- Al Ain Region, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	243,085	45,306	288,391
15 - 19	3,233	1,032	4,265
20 - 24	26,027	9,463	35,490
25 - 29	47,706	12,261	59,967
30 - 34	48,451	9,279	57,729
35 - 39	40,784	6,192	46,976
40 - 44	31,332	3,595	34,927
45 - 49	22,745	2,012	24,757
50 - 54	13,903	969	14,872
55 - 59	6,537	385	6,922
60 - 64	1,983	98	2,081
65+	383	21	405
Nationals	28,277	7,007	35,284
15 - 19	1,752	83	1,834
20 - 24	6,499	1,316	7,815
25 - 29	6,561	2,735	9,297
30 - 34	4,129	1,580	5,709
35 - 39	2,886	798	3,684
40 - 44	1,843	291	2,133
45 - 49	1,566	113	1,679
50 - 54	1,251	48	1,299
55 - 59	966	28	994
60 - 64	686	13	699
65+	139	1	140
Non-Nationals	214,808	38,300	253,108
15 - 19	1,482	949	2,431
20 - 24	19,528	8,147	27,675
25 - 29	41,145	9,525	50,670
30 - 34	44,321	7,699	52,020
35 - 39	37,898	5,394	43,292
40 - 44	29,489	3,305	32,794
45 - 49	21,179	1,898	23,077
50 - 54	12,652	921	13,573
55 - 59	5,571	356	5,928
60 - 64	1,297	85	1,382
65+	245	20	265

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.7. Labour Force Estimates (15 years and over) by Age Group, Nationality and Gender- Western Region, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	82,027	5,968	87,995
15 - 19	407	146	553
20 - 24	7,023	1,156	8,179
25 - 29	15,671	1,377	17,048
30 - 34	17758	1302	19060
35 - 39	15321	904	16224
40 - 44	11421	546	11966
45 - 49	7964	339	8303
50 - 54	4226	149	4375
55 - 59	1853	43	1896
60 - 64	320	0	320
65+	64	5	70
Nationals	4912	601	5513
15 - 19	164	15	179
20 - 24	1218	148	1366
25 - 29	1234	217	1451
30 - 34	651	116	767
35 - 39	534	60	594
40 - 44	410	27	437
45 - 49	269	10	279
50 - 54	195	5	200
55 - 59	146	4	150
60 - 64	68	0	68
65+	22	0	22
Non-Nationals	77115	5367	82481
15 - 19	243	131	375
20 - 24	5804	1008	6813
25 - 29	14437	1160	15597
30 - 34	17107	1187	18294
35 - 39	14787	844	15630
40 - 44	11010	519	11529
45 - 49	7695	329	8024
50 - 54	4031	144	4175
55 - 59	1707	40	1747
60 - 64	251	0	251
65+	42	5	47

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.8. Labour Force Estimates (15 years and over) by Age Group, Nationality and Gender- Abu Dhabi Islands, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	10,451	500	10,951
15 - 19	65	22	87
20 - 24	1,060	109	1,169
25 - 29	1,748	127	1,875
30 - 34	1,818	82	1,900
35 - 39	1,514	71	1,585
40 - 44	1,339	34	1,373
45 - 49	1,381	37	1,418
50 - 54	952	17	968
55 - 59	487	1	488
60 - 64	73	1	74
65+	13	0	13
Nationals	928	86	1,014
15 - 19	42	4	46
20 - 24	215	39	254
25 - 29	249	26	275
30 - 34	155	10	165
35 - 39	70	4	74
40 - 44	56	0	56
45 - 49	58	2	61
50 - 54	39	0	39
55 - 59	29	0	29
60 - 64	9	1	10
65+	6	0	6
Non-Nationals	9,523	414	9,937
15 - 19	23	17	41
20 - 24	845	70	915
25 - 29	1,499	101	1,600
30 - 34	1,663	72	1,735
35 - 39	1,444	67	1,511
40 - 44	1,283	34	1,318
45 - 49	1,323	34	1,357
50 - 54	913	17	929
55 - 59	458	1	459
60 - 64	64	0	64
65+	8	0	8

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.9. Estimates of Total Employed (15 years and over) by Age Group, Nationality and Gender, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	751,632	137,785	889,417
15 - 19	5,167	2,150	7,317
20 - 24	72,139	23,986	96,125
25 - 29	143,501	35,796	179,298
30 - 34	153,682	29,714	183,396
35 - 39	129,623	20,452	150,075
40 - 44	99,973	12,584	112,558
45 - 49	73,675	7,389	81,064
50 - 54	45,634	3,921	49,555
55 - 59	21,245	1,362	22,607
60 - 64	5,303	320	5,623
65+	1,690	110	1,800
Nationals	68,074	18,198	86,272
15 - 19	2,635	150	2,784
20 - 24	14,705	2,879	17,583
25 - 29	16,751	6,745	23,496
30 - 34	11,436	4,304	15,740
35 - 39	8,235	2,373	10,609
40 - 44	5,267	1,014	6,281
45 - 49	3,704	448	4,151
50 - 54	2,451	155	2,606
55 - 59	1,653	90	1,743
60 - 64	819	29	848
65+	417	12	429
Non-Nationals	683,558	119,587	803,145
15 - 19	2,532	2,000	4,532
20 - 24	57,434	21,107	78,542
25 - 29	126,750	29,052	155,802
30 - 34	142,246	25,410	167,656
35 - 39	121,388	18,078	139,466
40 - 44	94,706	11,570	106,276
45 - 49	69,972	6,941	76,913
50 - 54	43,182	3,766	46,949
55 - 59	19,592	1,272	20,864
60 - 64	4,483	292	4,775
65+	1,273	98	1,371

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.10. Estimates of Total Employed (15 years and over) by Age Group, Nationality and Gender - Abu Dhabi Region, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	425,488	88,649	514,137
15 - 19	2,282	1,223	3,505
20 - 24	39,900	14,343	54,243
25 - 29	79,823	22,788	102,611
30 - 34	86,473	19,271	105,744
35 - 39	72,736	13,424	86,160
40 - 44	56,595	8,471	65,066
45 - 49	42,335	5,047	47,382
50 - 54	27,445	2,806	30,252
55 - 59	13,088	957	14,045
60 - 64	3,580	237	3,816
65+	1,229	84	1,313
Nationals	37,701	11,713	49,414
15 - 19	901	105	1,006
20 - 24	7,303	1,911	9,213
25 - 29	9,091	4,212	13,303
30 - 34	6,727	2,689	9,416
35 - 39	4,984	1,563	6,547
40 - 44	3,283	707	3,990
45 - 49	2,243	331	2,574
50 - 54	1,493	107	1,601
55 - 59	956	61	1,017
60 - 64	468	17	486
65+	250	11	262
Non-Nationals	387,787	76,936	464,722
15 - 19	1,381	1,118	2,499
20 - 24	32,597	12,432	45,029
25 - 29	70,732	18,576	89,308
30 - 34	79,746	16,582	96,328
35 - 39	67,752	11,861	79,613
40 - 44	53,312	7,763	61,076
45 - 49	40,091	4,717	44,808
50 - 54	25,952	2,699	28,651
55 - 59	12,133	895	13,028
60 - 64	3,112	219	3,331
65+	978	73	1,051

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.1.1. Estimates of Total Employed (15 years and over) by Age Group, Nationality and Gender - Al Ain Region, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	234,762	42,878	277,640
15 - 19	2,489	789	3,278
20 - 24	24,386	8,474	32,860
25 - 29	46,415	11,559	57,974
30 - 34	47,744	9,075	56,818
35 - 39	40,184	6,063	46,247
40 - 44	30,737	3,538	34,275
45 - 49	22,105	1,966	24,071
50 - 54	13,083	949	14,032
55 - 59	5,859	361	6,220
60 - 64	1,378	82	1,460
65+	383	21	405
Nationals	24,947	5,907	30,854
15 - 19	1,565	40	1,605
20 - 24	6,084	833	6,917
25 - 29	6,226	2,324	8,549
30 - 34	3,932	1,496	5,428
35 - 39	2,668	750	3,418
40 - 44	1,546	281	1,826
45 - 49	1,167	105	1,272
50 - 54	761	42	804
55 - 59	553	25	578
60 - 64	307	10	317
65+	139	1	140
Non-Nationals	209,815	36,971	246,786
15 - 19	924	749	1,673
20 - 24	18,302	7,641	25,943
25 - 29	40,190	9,235	49,425
30 - 34	43,811	7,579	51,390
35 - 39	37,516	5,313	42,829
40 - 44	29,191	3,258	32,449
45 - 49	20,938	1,861	22,799
50 - 54	12,321	907	13,228
55 - 59	5,306	336	5,642
60 - 64	1,070	73	1,143
65+	245	20	265

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.12. Estimates of Total Employed (15 years and over) by Age Group, Nationality and Gender - Western Region, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	80,983	5,780	86,764
15 - 19	335	119	453
20 - 24	6,801	1,074	7,874
25 - 29	15,518	1,328	16,846
30 - 34	17,649	1,289	18,938
35 - 39	15,198	894	16,092
40 - 44	11,314	541	11,855
45 - 49	7,858	339	8,197
50 - 54	4,161	149	4,310
55 - 59	1,812	43	1,855
60 - 64	274	0	274
65+	64	5	70
Nationals	4,517	510	5,027
15 - 19	131	2	133
20 - 24	1,109	108	1,218
25 - 29	1,186	186	1,372
30 - 34	622	111	733
35 - 39	513	57	570
40 - 44	384	26	410
45 - 49	235	10	245
50 - 54	163	5	168
55 - 59	115	4	119
60 - 64	36	0	36
65+	22	0	22
Non-Nationals	76,466	5271	81,737
15 - 19	204	116	320
20 - 24	5,692	965	6,657
25 - 29	14,332	1142	15,474
30 - 34	17,027	1178	18,205
35 - 39	14,685	836	15,522
40 - 44	10,930	515	11,445
45 - 49	7,623	329	7,952
50 - 54	3,997	144	4,141
55 - 59	1,697	40	1,736
60 - 64	238	0	238
65+	42	5	47

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.13. Estimates of Total Employed (15 years and over) by Age Group, Nationality and Gender - Abu Dhabi Islands, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	10,399	477	10,877
15 - 19	61	19	80
20 - 24	1,052	96	1,148
25 - 29	1,745	121	1,866
30 - 34	1,816	80	1,896
35 - 39	1,505	71	1,576
40 - 44	1,328	34	1,362
45 - 49	1,378	37	1,414
50 - 54	945	17	962
55 - 59	485	1	487
60 - 64	71	1	72
65+	13	0	13
Nationals	909	69	977
15 - 19	38	2	40
20 - 24	209	26	235
25 - 29	248	24	272
30 - 34	154	9	163
35 - 39	70	4	74
40 - 44	55	0	55
45 - 49	58	2	61
50 - 54	34	0	34
55 - 59	29	0	29
60 - 64	8	1	9
65+	6	0	6
Non-Nationals	9,491	409	9,899
15 - 19	23	17	40
20 - 24	843	70	913
25 - 29	1,497	98	1,594
30 - 34	1,662	71	1,733
35 - 39	1,435	67	1,502
40 - 44	1,273	34	1,307
45 - 49	1,319	34	1,354
50 - 54	912	17	928
55 - 59	456	1	458
60 - 64	63	0	63
65+	8	0	8

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.1.14. Percentage of Employed Population (15 years and Over) by Age Group, Nationality and Gender, Mid- 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	100.0	100.0	100.0
15 - 19	0.7	1.6	0.8
20 - 24	9.6	17.4	10.8
25 - 29	19.1	26.0	20.2
30 - 34	20.4	21.6	20.6
35 - 39	17.2	14.8	16.9
40 - 44	13.3	9.1	12.7
45 - 49	9.8	5.4	9.1
50 - 54	6.1	2.8	5.6
55 - 59	2.8	1.0	2.5
60 - 64	0.7	0.2	0.6
65+	0.2	0.1	0.2
Nationals	100.0	100.0	100.0
15 - 19	3.9	0.8	3.2
20 - 24	21.6	15.8	20.4
25 - 29	24.6	37.1	27.2
30 - 34	16.8	23.7	18.2
35 - 39	12.1	13.0	12.3
40 - 44	7.7	5.6	7.3
45 - 49	5.4	2.5	4.8
50 - 54	3.6	0.8	3.0
55 - 59	2.4	0.5	2.0
60 - 64	1.2	0.2	1.0
65+	0.6	0.1	0.5
Non-Nationals	100.0	100.0	100.0
15 - 19	0.4	1.7	0.6
20 - 24	8.4	17.7	9.8
25 - 29	18.5	24.3	19.4
30 - 34	20.8	21.2	20.9
35 - 39	17.8	15.1	17.4
40 - 44	13.9	9.7	13.2
45 - 49	10.2	5.8	9.6
50 - 54	6.3	3.1	5.8
55 - 59	2.9	1.1	2.6
60 - 64	0.7	0.2	0.6
65+	0.2	0.1	0.2

Source: Statistics Centre - Abu Dhabi

5.1.15. Percentage of Employed Population (15 years and Over) by Age Group, Nationality and Gender - Abu Dhabi Region, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	100.0	100.0	100.0
15 - 19	0.5	1.4	0.7
20 - 24	9.4	16.2	10.6
25 - 29	18.8	25.7	20.0
30 - 34	20.3	21.7	20.6
35 - 39	17.1	15.1	16.8
40 - 44	13.3	9.6	12.7
45 - 49	9.9	5.7	9.2
50 - 54	6.5	3.2	5.9
55 - 59	3.1	1.1	2.7
60 - 64	0.8	0.3	0.7
65+	0.3	0.1	0.3
Nationals	100.0	100.0	100.0
15 - 19	2.4	0.9	2.0
20 - 24	19.4	16.3	18.6
25 - 29	24.1	36.0	26.9
30 - 34	17.8	23.0	19.1
35 - 39	13.2	13.3	13.2
40 - 44	8.7	6.0	8.1
45 - 49	6.0	2.8	5.2
50 - 54	4.0	0.9	3.2
55 - 59	2.5	0.5	2.1
60 - 64	1.2	0.1	1.0
65+	0.7	0.1	0.5
Non-Nationals	100.0	100.0	100.0
15 - 19	0.4	1.5	0.5
20 - 24	8.4	16.2	9.7
25 - 29	18.2	24.1	19.2
30 - 34	20.6	21.6	20.7
35 - 39	17.5	15.4	17.1
40 - 44	13.7	10.1	13.1
45 - 49	10.3	6.1	9.6
50 - 54	6.7	3.5	6.2
55 - 59	3.1	1.2	2.8
60 - 64	0.8	0.3	0.7
65+	0.3	0.1	0.2

Source: Statistics Centre - Abu Dhabi

5.1.16. Percentage of Employed Population (15 years and Over) by Age Group, Nationality and Gender - Al Ain Region, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	100.0	100.0	100.0
15 - 19	1.1	1.8	1.2
20 - 24	10.4	19.8	11.8
25 - 29	19.8	27.0	20.9
30 - 34	20.3	21.2	20.5
35 - 39	17.1	14.1	16.7
40 - 44	13.1	8.3	12.3
45 - 49	9.4	4.6	8.7
50 - 54	5.6	2.2	5.1
55 - 59	2.5	0.8	2.2
60 - 64	0.6	0.2	0.5
65+	0.2	0.0	0.1
Nationals	100.0	100.0	100.0
15 - 19	6.3	0.7	5.2
20 - 24	24.4	14.1	22.4
25 - 29	25.0	39.3	27.7
30 - 34	15.8	25.3	17.6
35 - 39	10.7	12.7	11.1
40 - 44	6.2	4.8	5.9
45 - 49	4.7	1.8	4.1
50 - 54	3.1	0.7	2.6
55 - 59	2.2	0.4	1.9
60 - 64	1.2	0.2	1.0
65+	0.6	0.0	0.5
Non-Nationals	100.0	100.0	100.0
15 - 19	0.4	2.0	0.7
20 - 24	8.7	20.7	10.5
25 - 29	19.2	25.0	20.0
30 - 34	20.9	20.5	20.8
35 - 39	17.9	14.4	17.4
40 - 44	13.9	8.8	13.1
45 - 49	10.0	5.0	9.2
50 - 54	5.9	2.5	5.4
55 - 59	2.5	0.9	2.3
60 - 64	0.5	0.2	0.5
65+	0.1	0.1	0.1

Source: Statistics Centre - Abu Dhabi

5.1.17. Percentage of Employed Population (15 years and Over) by Age Group, Nationality and Gender - Western Region, Mid - 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	100.0	100.0	100.0
15 - 19	0.4	2.1	0.5
20 - 24	8.4	18.6	9.1
25 - 29	19.2	23.0	19.4
30 - 34	21.8	22.3	21.8
35 - 39	18.8	15.5	18.5
40 - 44	14.0	9.4	13.7
45 - 49	9.7	5.9	9.4
50 - 54	5.1	2.6	5.0
55 - 59	2.2	0.7	2.1
60 - 64	0.3	0.0	0.3
65+	0.1	0.1	0.1
Nationals	100.0	100.0	100.0
15 - 19	2.9	0.5	2.7
20 - 24	24.6	21.3	24.2
25 - 29	26.3	36.4	27.3
30 - 34	13.8	21.8	14.6
35 - 39	11.3	11.2	11.3
40 - 44	8.5	5.1	8.2
45 - 49	5.2	2.0	4.9
50 - 54	3.6	1.0	3.3
55 - 59	2.6	0.7	2.4
60 - 64	0.8	0.0	0.7
65+	0.5	0.0	0.4
Non-Nationals	100.0	100.0	100.0
15 - 19	0.3	2.2	0.4
20 - 24	7.4	18.3	8.1
25 - 29	18.7	21.7	18.9
30 - 34	22.3	22.4	22.3
35 - 39	19.2	15.9	19.0
40 - 44	14.3	9.8	14.0
45 - 49	10.0	6.2	9.7
50 - 54	5.2	2.7	5.1
55 - 59	2.2	0.7	2.1
60 - 64	0.3	0.0	0.3
65+	0.1	0.1	0.1

Source: Statistics Centre - Abu Dhabi

5.1.18. Percentage of Employed Population (15 years and Over) by Age Group, Nationality and Gender - Abu Dhabi Islands, Mid - 2008*

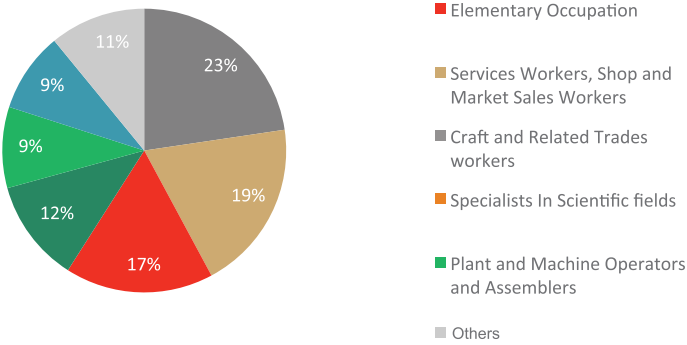
Age Group / Nationality	Males	Females	Total
Grand Total	100.0	100.0	100.0
15 - 19	0.6	4.0	0.7
20 - 24	10.1	20.1	10.6
25 - 29	16.8	25.4	17.2
30 - 34	17.5	16.7	17.4
35 - 39	14.5	14.9	14.5
40 - 44	12.8	7.2	12.5
45 - 49	13.2	7.7	13.0
50 - 54	9.1	3.5	8.8
55 - 59	4.7	0.3	4.5
60 - 64	0.7	0.3	0.7
65+	0.1	0.0	0.1
Nationals	100.0	100.0	100.0
15 - 19	4.2	3.6	4.1
20 - 24	23.0	38.2	24.1
25 - 29	27.3	34.5	27.8
30 - 34	17.0	12.7	16.7
35 - 39	7.7	5.5	7.6
40 - 44	6.0	0.0	5.6
45 - 49	6.4	3.6	6.2
50 - 54	3.7	0.0	3.4
55 - 59	3.2	0.0	3.0
60 - 64	0.9	1.8	0.9
65+	0.6	0.0	0.6
Non-Nationals	100.0	100.0	100.0
15 - 19	0.2	4.0	0.4
20 - 24	8.9	17.1	9.2
25 - 29	15.8	23.9	16.1
30 - 34	17.5	17.4	17.5
35 - 39	15.1	16.5	15.2
40 - 44	13.4	8.4	13.2
45 - 49	13.9	8.4	13.7
50 - 54	9.6	4.0	9.4
55 - 59	4.8	0.3	4.6
60 - 64	0.7	0.0	0.6
65+	0.1	0.0	0.1

Source: Statistics Centre - Abu Dhabi

5.2. Occupational Structure

The distribution of the employed population by the main occupation shows that the occupational category accounting for the largest portion is that of elementary occupations 22.7%, followed by workers in services, shop and market sales workers 19.5%, craft and related trades workers 16.9%, specialists in scientific fields 11.7%, and other occupational categories in smaller percentages. This 2008 pattern of the total employed population by the main occupation is identical to that of non-nationals. However, for nationals, the corresponding pattern is somewhat different since the occupational category accounting for largest proportion of the employed population relates to technicians and associated professionals 28.8%, followed by workers in services, shop and market sales workers 24.7%, specialists in scientific fields 18.6%, and by other occupational categories in considerably smaller percentages.

Figure 5.2.1
Percentage Distribution of Estimated Employed Population (15 years and over) by Main Occupation, Mid - 2008



Source: Statistics Centre - Abu Dhabi

5.2.1. Estimated Employed Population (15 years and over) by Main Occupation and Gender, Mid - 2008*

Main Occupation	Males	Females	Total
Total	751,633	137,785	889,418
Legislators, Senior Officials and Managers	26,418	2,969	29,387
Specialists In Scientific fields	75,372	28,686	104,058
Technicians and Associate Professionals	63,431	17,583	81,014
Clerks	23,735	7,009	30,744
Services Workers, Shop and Market Sales Workers	98,274	75,106	173,380
Skilled Agriculture and Fishery Workers	30,595	83	30,678
Craft and Related Trades workers	149,144	1,035	150,179
Plant and Machine Operators and Assemblers	81,320	854	82,174
Elementary Occupation	197,388	4,096	201,484
Not Stated	5,956	364	6,320

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.2.2. Percentage Distribution of Estimated Employed Population (15 years and over) by Main Occupation and Gender, Mid - 2008*

Main Occupation	Males	Females	Total
Total	100.0	100.0	100.0
Legislators, Senior Officials and Managers	3.5	2.2	3.3
Specialists In Scientific fields	10.0	20.8	11.7
Technicians and Associate Professionals	8.4	12.8	9.1
Clerks	3.2	5.1	3.5
Services Workers, Shop and Market Sales Workers	13.1	54.5	19.5
Skilled Agriculture and Fishery Workers	4.1	0.1	3.4
Craft and Related Trades workers	19.8	0.8	16.9
Plant and Machine Operators and Assemblers	10.8	0.6	9.2
Elementary Occupation	26.3	3.0	22.7
Not Stated	0.8	0.3	0.7

Source: Statistics Centre - Abu Dhabi

5.2.3. Estimated Employed Nationals (15 years and over) by Main Occupation and Gender, Mid - 2008*

Main Occupation	Males	Females	Total
Total	68,073	18,199	86,272
Legislators, Senior Officials and Managers	7,300	1,077	8,377
Specialists In Scientific fields	8,743	7,289	16,032
Technicians and Associate Professionals	19,733	5,096	24,829
Clerks	5,870	2,702	8,572
Services Workers, Shop and Market Sales Workers	19,726	1,547	21,273
Skilled Agriculture and Fishery Workers	397	9	406
Craft and Related Trades workers	1,591	118	1,709
Plant and Machine Operators and Assemblers	2,155	53	2,208
Elementary Occupation	1,868	166	2,034
Not Stated	690	142	832

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.2.4. Percentage Distribution of Estimated Employed Nationals (15 years and over) by Main Occupation and Gender, Mid - 2008*

Main Occupation	Males	Females	Total
Total	100.0	100.0	100.0
Legislators, Senior Officials and Managers	10.7	5.9	9.7
Specialists In Scientific fields	12.8	40.1	18.6
Technicians and Associate Professionals	29.0	28.0	28.8
Clerks	8.6	14.8	9.9
Services Workers, Shop and Market Sales Workers	29.0	8.5	24.7
Skilled Agriculture and Fishery Workers	0.6	0.0	0.5
Craft and Related Trades workers	2.3	0.6	2.0
Plant and Machine Operators and Assemblers	3.2	0.3	2.6
Elementary Occupation	2.7	0.9	2.4
Not Stated	1.0	0.8	1.0

Source: Statistics Centre - Abu Dhabi

5.2.5. Estimated Employed Non-Nationals (15 years and over) by Main Occupation and Gender, Mid-2008*

Main Occupation	Males	Females	Total
Total	683,559	119,587	803,146
Legislators, Senior Officials and Managers	19,118	1,892	21,010
Specialists In Scientific fields	66,629	21,397	88,026
Technicians and Associate Professionals	43,698	12,487	56,185
Clerks	17,865	4,307	22,172
Services Workers, Shop and Market Sales Workers	78,547	73,559	152,106
Skilled Agriculture and Fishery Workers	30,198	74	30,272
Craft and Related Trades workers	147,553	917	148,470
Plant and Machine Operators and Assemblers	79,165	802	79,967
Elementary Occupation	195,520	3,930	199,450
Not Stated	5,266	222	5,488

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.2.6. Percentage Distribution of Estimated Employed Non-Nationals (15 years and over) by Main Occupation and Gender, 2008*

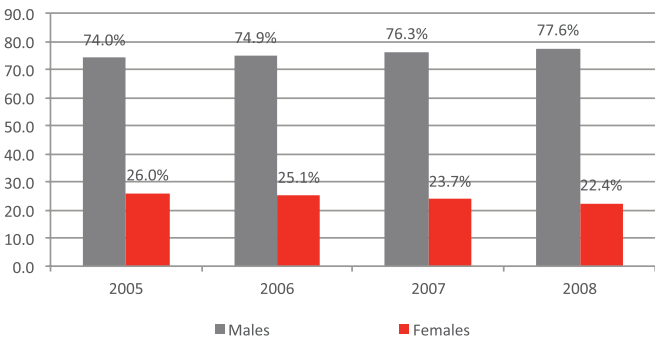
Main Occupation	Males	Females	Total
Total	100.0	100.0	100.0
Legislators, Senior Officials and Managers	2.8	1.6	2.6
Specialists In Scientific fields	9.7	17.9	11.0
Technicians and Associate Professionals	6.4	10.4	7.0
Clerks	2.6	3.6	2.8
Services Workers, Shop and Market Sales Workers	11.5	61.5	18.9
Skilled Agriculture and Fishery Workers	4.4	0.1	3.8
Craft and Related Trades workers	21.6	0.8	18.5
Plant and Machine Operators and Assemblers	11.6	0.7	10.0
Elementary Occupation	28.6	3.3	24.8
Not Stated	0.8	0.2	0.7

Source: Statistics Centre - Abu Dhabi

5.3. Unemployment

The estimated unemployed population increased from 28,573 people in 2005 to 29,881 in 2008, with 33.6% nationals and 27.3% female. The largest portion of the unemployed falls within the age group 20-24 years, with 24.5%, for both nationals and non-nationals. Regarding the educational structure of the unemployed, the largest proportion of those have secondary school certificates the largest group have secondary certificate, with 31%, followed by holders of university degrees with 25.8% those with preparatory education 12.5% and other educational categories at smaller percentages. The 2008 unemployment rates among nationals, non-nationals and the total labour force were 10.43%, 2.41% and 3.25% respectively.

Figure 5.3.1
Percentage Distribution of Unemployed Nationals by Gender



Source: Statistics Centre - Abu Dhabi

5.3.1. Unemployed by Nationality and Gender

Nationality/Gender	2005*	2007**	2008**
Total	28,573	29,332	29,881
Nationals	10,320	10,145	10,047
Males	7,640	7,737	7,796
Females	2,680	2,408	2,251
Non-Nationals	18,253	19,187	19,834
Males	11,954	13,126	13,921
Females	6,299	6,061	5,913

Source: Statistics Centre - Abu Dhabi

* 2005 Census figures

** Based on 2005 Census results

5.3.2. Estimates of Total Unemployed (15- 64 years) by Age Group, Nationality and Gender, Mid- 2008*

Age Group / Nationality	Males	Females	Total
Grand Total	21,717	8,164	29,881
15 - 19	1,632	668	2,300
20 - 24	4,553	2,770	7,324
25 - 29	3,567	2,049	5,616
30 - 34	2,149	974	3,123
35 - 39	1,705	654	2,359
40 - 44	1,570	418	1,988
45 - 49	1,717	283	2,000
50 - 54	1,840	174	2,014
55 - 59	1,558	110	1,668
60 - 64	1,426	64	1,490
Nationals	7,796	2,251	10,047
15 - 19	436	122	558
20 - 24	1,138	948	2,086
25 - 29	833	721	1,553
30 - 34	484	197	680
35 - 39	474	118	593
40 - 44	624	63	687
45 - 49	923	34	958
50 - 54	1,071	27	1,098
55 - 59	960	13	973
60 - 64	852	8	860
Non-Nationals	13,921	5,913	19,834
15 - 19	1,196	546	1,742
20 - 24	3,416	1,822	5,238
25 - 29	2,734	1,328	4,063
30 - 34	1,665	777	2,443
35 - 39	1,231	535	1,766
40 - 44	946	355	1,300
45 - 49	793	249	1,042
50 - 54	769	147	916
55 - 59	597	98	695
60 - 64	574	55	630

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.3.3. Estimates of Unemployed (15- 64 years) by Age Group, Nationality and Gender - Abu Dhabi Region, Mid-2008*

Age Group / Nationality	Males	Females	Total
Grand Total	12,298	5,526	17,824
15 - 19	811	395	1206
20 - 24	2681	1686	4367
25 - 29	2120	1293	3413
30 - 34	1331	754	2085
35 - 39	973	515	1488
40 - 44	857	356	1213
45 - 49	967	237	1204
50 - 54	948	154	1102
55 - 59	838	86	924
60 - 64	773	48	821
Nationals	4,052	1,042	5,094
15 - 19	212	65	277
20 - 24	607	413	1020
25 - 29	448	275	723
30 - 34	257	107	364
35 - 39	235	68	303
40 - 44	300	52	352
45 - 49	491	26	517
50 - 54	545	21	566
55 - 59	517	9	527
60 - 64	440	5	445
Non-Nationals	8,246	4,484	12,730
15 - 19	599	330	929
20 - 24	2074	1273	3347
25 - 29	1672	1018	2690
30 - 34	1074	648	1721
35 - 39	738	447	1185
40 - 44	557	304	861
45 - 49	476	211	688
50 - 54	403	133	536
55 - 59	320	77	397
60 - 64	333	43	376

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.3.4. Estimates of Unemployed (15- 64 years) by Age Group, Nationality and Gender, Al-Ain Region, Mid-2008*

Age Group / Nationality	Males	Females	Total
Grand Total	8,323	2,429	10,752
15 - 19	745	243	987
20 - 24	1,642	989	2,631
25 - 29	1,291	702	1,992
30 - 34	707	204	911
35 - 39	600	129	729
40 - 44	595	57	652
45 - 49	640	46	686
50 - 54	821	20	840
55 - 59	678	24	702
60 - 64	606	16	621
Nationals	3,330	1,100	4,430
15 - 19	187	43	230
20 - 24	415	483	898
25 - 29	336	412	747
30 - 34	197	84	281
35 - 39	218	48	266
40 - 44	297	10	307
45 - 49	399	8	407
50 - 54	490	6	496
55 - 59	412	3	416
60 - 64	379	3	382
Non-Nationals	4,994	1,328	6,322
15 - 19	558	200	758
20 - 24	1,226	506	1,732
25 - 29	955	290	1,245
30 - 34	510	120	630
35 - 39	382	81	463
40 - 44	298	47	345
45 - 49	241	38	279
50 - 54	331	14	345
55 - 59	266	21	286
60 - 64	227	12	239

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.3.5. Estimates of Unemployed (15- 64 years) by Age Group, Nationality and Gender - Western Region, Mid-2008*

Age Group / Nationality	Males	Females	Total
Grand Total	1,044	187	1,231
15 - 19	72	28	100
20 - 24	222	83	305
25 - 29	153	49	202
30 - 34	109	13	122
35 - 39	123	10	133
40 - 44	107	5	111
45 - 49	106	0	106
50 - 54	65	0	65
55 - 59	41	0	41
60 - 64	45	0	45
Nationals	395	92	486
15 - 19	33	13	45
20 - 24	109	39	149
25 - 29	48	31	79
30 - 34	29	5	34
35 - 39	21	3	24
40 - 44	27	1	27
45 - 49	34	0	34
50 - 54	32	0	32
55 - 59	31	0	31
60 - 64	33	0	33
Non-Nationals	649	96	744
15 - 19	40	15	55
20 - 24	113	43	156
25 - 29	105	18	123
30 - 34	80	8	89
35 - 39	101	8	109
40 - 44	80	4	84
45 - 49	72	0	72
50 - 54	34	0	34
55 - 59	10	0	10
60 - 64	13	0	13

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.3.6. Estimates of Unemployed (15- 64 years) by Age Group, Nationality and Gender -Abu Dhabi Islands, Mid-2008*

Age Group / Nationality	Males	Females	Total
Grand Total	52	22	74
15 - 19	4	3	7
20 - 24	8	13	21
25 - 29	3	5	9
30 - 34	2	2	4
35 - 39	9	0	9
40 - 44	12	0	12
45 - 49	3	0	3
50 - 54	6	0	6
55 - 59	1	0	1
60 - 64	2	0	2
Nationals	19	18	37
15 - 19	4	2	6
20 - 24	6	13	19
25 - 29	1	3	4
30 - 34	1	1	2
35 - 39	0	0	0
40 - 44	1	0	1
45 - 49	0	0	0
50 - 54	5	0	5
55 - 59	0	0	0
60 - 64	1	0	1
Non-Nationals	33	5	37
15 - 19	0	1	1
20 - 24	2	0	2
25 - 29	2	3	5
30 - 34	1	1	2
35 - 39	9	0	9
40 - 44	10	0	10
45 - 49	3	0	3
50 - 54	1	0	1
55 - 59	1	0	1
60 - 64	1	0	1

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.3.7. Estimated Unemployed Population (15- 64 years) by Educational Status and Gender- AD Emirate, Mid-2008*

Educational Status	Males	Females	Total
Total	21,718	8,164	29,882
Illiterate	1,246	560	1,806
Read and Write	1,421	686	2,107
Primary	1,650	559	2,209
Preparatory	2,789	940	3,729
Secondary	6,716	2,575	9,291
Over Secondary and Below	1,595	599	2,194
University diploma	5,648	2,069	7,717
University	205	63	268
Higher Diploma	370	83	453
Master	78	30	108
Ph.D.			

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.3.8. Percentage Distribution of Unemployed Population (15- 64 years) by Educational Status and Gender, 2008*

Educational Status	Males	Females	Total
Total	100.0	100.0	100.0
Illiterate	5.7	6.9	6.0
Read and Write	6.5	8.4	7.1
Primary	7.6	6.8	7.4
Preparatory	12.8	11.5	12.5
Secondary	30.9	31.5	31.1
Non- Degree Post	7.3	7.3	7.3
Secondary Diploma	26.0	25.3	25.8
University	0.9	0.8	0.9
Higher Diploma	1.7	1.0	1.5
Master	0.4	0.4	0.4
Ph.D.			

Source: Statistics Centre - Abu Dhabi

5.3.9. Estimated Unemployed Nationals (15- 64 years) by Educational Status and Gender, Mid-2008*

Educational Status	Males	Females	Total
Total	7,796	2,250	10,046
Illiterate	896	24	920
Read and Write	1,086	14	1,100
Primary	1,260	52	1,312
Preparatory	1,772	137	1,909
Secondary	1,955	741	2,696
Non- Degree Post Secondary	186	273	459
Diploma	534	974	1,508
University	32	25	57
Higher Diploma	63	8	71
Master	12	2	14
Ph.D.			

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.3.10. Percentage Distribution of Unemployed Nationals (15- 64 years) by Educational Status and Gender, 2008*

Educational Status	Males	Females	Total
Total	100.0	100.0	100.0
Illiterate	11.5	1.1	9.2
Read and Write	13.9	0.6	10.9
Primary	16.2	2.3	13.1
Preparatory	22.7	6.1	19.0
Secondary	25.1	32.9	26.8
Non- Degree Post Secondary	2.4	12.1	4.6
Diploma	6.8	43.3	15.0
University	0.4	1.1	0.6
Higher Diploma	0.8	0.4	0.7
Master	0.2	0.1	0.1
Ph.D.			

Source: Statistics Centre - Abu Dhabi

5.3.11. Estimated Unemployed Non-Nationals (15- 64 years) by Educational Status and Gender, Mid-2008*

Educational Status	Males	Females	Total
Total	13,921	5,913	19,834
Illiterate	351	536	887
Read and Write	335	672	1,007
Primary	390	507	897
Preparatory	1,016	803	1,819
Secondary	4,761	1,834	6,595
Non- Degree Post Secondary Diploma	1,409	326	1,735
University	5,114	1,095	6,209
Higher Diploma	173	38	211
Master	306	74	380
Ph.D.	66	28	94

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.3.12. Percentage Distribution of Unemployed Non-Nationals (15-64 years) by Educational Status and Gender, 2008*

Educational Status	Males	Females	Total
Total	100.0	100.0	100.0
Illiterate	2.5	9.1	4.5
Read and Write	2.4	11.4	5.1
Primary	2.8	8.6	4.5
Preparatory	7.3	13.6	9.2
Secondary	34.2	31.0	33.3
Non- Degree Post Secondary Diploma	10.1	5.5	8.7
University	36.7	18.5	31.3
Higher Diploma	1.2	0.6	1.1
Master	2.2	1.3	1.9
Ph.D.	0.5	0.5	0.5

Source: Statistics Centre - Abu Dhabi

5.4. Employment by Economic Activity

The 2008 distribution of employed people by economic activity shows that the economic activity category accounting for largest proportion of the employed population was the construction activity with 19.9%, followed by public administration and defence with 13%, agriculture, hunting and forestry with 11.3% and other economic activity categories in smaller percentages. This pattern is very similar to that of non-nationals, while the corresponding pattern for nationals is somewhat different, with six out of every ten of employed nationals working in public administration and defence.

5.4.1. Estimated Employed Population (15 years and over) by Economic Activity and Gender - AD Emirate, Mid-2008*

Economic Activity	Males	Females	Total
Total	751,632	137,785	889,417
Agriculture, Hunting and Forestry	100,114	251	100,365
Fishing	826	3	828
Mining and Quarrying	35,165	1,660	36,825
Manufacturing	49,550	1,611	51,161
Electricity, Gas and Water Supply	13,234	850	14,085
Construction	174,882	1,903	176,785
Wholesale and Retail Trade, Repair of Motor Vehicles	76,786	6,712	83,497
Hotels and Restaurant	28,887	4,398	33,285
Transport, storage and Communication	39,745	3,197	42,943
Financial Intermediation	9,706	3,168	12,875
Real Estate, Renting and Business Activities	38,127	4,247	42,374
Public Administration and Defence	106,027	9,690	115,717
Education	13,833	17,867	31,700
Health and Social Work	11,387	12,389	23,775
Other Community, Social and Personal Service Activities	16,452	2,623	19,075
Activities of Private Households as Employers and Undifferentiated Production Activities of Private Households	33,471	66,671	100,142
Extraterritorial organizations and Bodies	1,180	439	1,619
Not stated	2,261	105	2,366

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.4.2. Percentage Distribution of Employed Population (15 years and over) by Economic Activity and Gender, 2008*

Economic Activity	Males	Females	Total
Total	100.0	100.0	100.0
Agriculture, Hunting and Forestry	13.3	0.2	11.3
Fishing	0.1	0.0	0.1
Mining and Quarrying	4.7	1.2	4.1
Manufacturing	6.6	1.2	5.8
Electricity, Gas and Water Supply	1.8	0.6	1.6
Construction	23.3	1.4	19.9
Wholesale and Retail Trade, Repair of Motor Vehicles	10.2	4.9	9.4
Hotels and Restaurant	3.8	3.2	3.7
Transport, storage and Communication	5.3	2.3	4.8
Financial Intermediation	1.3	2.3	1.4
Real Estate, Renting and Business Activities	5.1	3.1	4.8
Public Administration and Defence	14.1	7.0	13.0
Education	1.8	13.0	3.6
Health and Social Work	1.5	9.0	2.7
Other Community, Social and Personal Service Activities	2.2	1.9	2.1
Activities of Private Households as Employers and Undifferentiated	4.5	48.4	11.3
Production Activities of Private Households			
Extraterritorial organizations and Bodies	0.2	0.3	0.2
Not stated	0.3	0.1	0.3

Source: Statistics Centre - Abu Dhabi

5.4.3. Estimated Employed Nationals (15 years and over) by Economic Activity and Gender, Mid-2008*

Economic Activity	Males	Females	Total
Total	68,074	18,198	86,272
Agriculture, Hunting and Forestry	676	64	740
Fishing	45	0	45
Mining and Quarrying	4,328	649	4,978
Manufacturing	1,648	339	1,987
Electricity, Gas and Water Supply	2,090	610	2,700
Construction	587	65	652
Wholesale and Retail Trade, Repair of Motor Vehicles	2,334	285	2,619
Hotels and Restaurant	96	21	117
Transport, storage and Communication	2,862	718	3,580
Financial Intermediation	1,254	913	2,167
Real Estate, Renting and Business Activities	1,321	349	1,670
Public Administration and Defence	47,690	7,064	54,754
Education	1,103	4,935	6,038
Health and Social Work	837	1,473	2,310
Other Community, Social and Personal Service Activities	856	471	1,327
Activities of Private Households as Employers and Undifferentiated Production Activities of Private Households	200	206	406
Extraterritorial organizations and Bodies	6	9	14
Not stated	141	29	169

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.4.4. Percentage Distribution of Employed Nationals (15 years and over) by Economic Activity and Gender, 2008*

Economic Activity	Males	Females	Total
Total	100.0	100.0	100.0
Agriculture, Hunting and Forestry	1.0	0.3	0.9
Fishing	0.1	0.0	0.1
Mining and Quarrying	6.4	3.6	5.8
Manufacturing	2.4	1.9	2.3
Electricity, Gas and Water Supply	3.1	3.4	3.1
Construction	0.9	0.4	0.8
Wholesale and Retail Trade, Repair of Motor Vehicles	3.4	1.6	3.0
Hotels and Restaurant	0.1	0.1	0.1
Transport, storage and Communication	4.2	3.9	4.1
Financial Intermediation	1.8	5.0	2.5
Real Estate, Renting and Business Activities	1.9	1.9	1.9
Public Administration and Defence	70.1	38.8	63.5
Education	1.6	27.1	7.0
Health and Social Work	1.2	8.1	2.7
Other Community, Social and Personal Service Activities	1.3	2.6	1.5
Activities of Private Households as Employers and Undifferentiated Production Activities of Private Households	0.3	1.1	0.5
Extraterritorial organizations and Bodies	0.0	0.0	0.0
Not stated	0.2	0.2	0.2

Source: Statistics Centre - Abu Dhabi

5.4.5. Estimated Employed Non-Nationals (15 years and over) by Economic Activity and Gender , Mid-2008*

Economic Activity	Males	Females	Total
Total	683,558	119,587	803,145
Agriculture, Hunting and Forestry	99,438	188	99,625
Fishing	781	3	784
Mining and Quarrying	30,837	1,011	31,848
Manufacturing	47,901	1,272	49,174
Electricity, Gas and Water Supply	11,145	240	11,384
Construction	174,295	1,839	176,134
Wholesale and Retail Trade, Repair of Motor Vehicles	74,452	6,426	80,878
Hotels and Restaurant	28,791	4,377	33,168
Transport, storage and Communication	36,883	2,480	39,363
Financial Intermediation	8,453	2,255	10,708
Real Estate, Renting and Business Activities	36,806	3,898	40,704
Public Administration and Defence	58,337	2,626	60,963
Education	12,730	12,932	25,662
Health and Social Work	10,550	10,916	21,466
Other Community, Social and Personal Service Activities	15,596	2,152	17,748
Activities of Private Households as Employers and Undifferentiated Production Activities of Private Households	33,271	66,465	99,736
Extraterritorial organizations and Bodies	1,174	430	1,605
Not stated	2,120	76	2,197

Source: Statistics Centre - Abu Dhabi

* Estimates are based on census 2005 and should not be compared with population estimates of Mid 2008. See note in the summary of this section

5.4.6. Percentage Distribution of Employed Non-Nationals (15 years and over) by Economic Activity and Gender, 2008*

Economic Activity	Males	Females	Total
Total	100.0	100.0	100.0
Agriculture, Hunting and Forestry	14.5	0.2	12.4
Fishing	0.1	0.0	0.1
Mining and Quarrying	4.5	0.8	4.0
Manufacturing	7.0	1.1	6.1
Electricity, Gas and Water Supply	1.6	0.2	1.4
Construction	25.5	1.5	21.9
Wholesale and Retail Trade, Repair of Motor Vehicles	10.9	5.4	10.1
Hotels and Restaurant	4.2	3.7	4.1
Transport, storage and Communication	5.4	2.1	4.9
Financial Intermediation	1.2	1.9	1.3
Real Estate, Renting and Business Activities	5.4	3.3	5.1
Public Administration and Defence	8.5	2.2	7.6
Education	1.9	10.8	3.2
Health and Social Work	1.5	9.1	2.7
Other Community, Social and Personal Service Activities	2.3	1.8	2.2
Activities of Private Households as Employers and Undifferentiated Production Activities of Private Households	4.9	55.6	12.4
Extraterritorial organizations and Bodies	0.2	0.4	0.2
Not stated	0.3	0.1	0.3

Source: Statistics Centre - Abu Dhabi

6. Agriculture and Environment

- Agriculture
- Environment

6. Agriculture and Environment

Given the crucial importance of agriculture and the environment, statistical data and information on these sectors offer indispensable support to decision-making. Such data also gives insight into a wide range of economic activities and serves as a basis for building plans and projects aimed at developing and promoting sustainable agriculture sector that preserves the environment and contribute to the enhancement of food security.

In spite of the daunting challenges facing this sector, such as water scarcity, high soil salinity, elevated temperatures and high humidity, sound agricultural policies and plans can prove very beneficial to the agricultural sector, not only in terms of the sector's output and its contribution to the economy, but in other ways as well, such as improving air quality.

The Emirate of Abu Dhabi's policies and programs reflect the increasing awareness for a better and cleaner environment. Environmental issues are considered amongst the most complicated topics because environment includes a variety of areas, such as air, water and its resources, earth, soil, and the impacts they have on human health and development. Therefore, providing efficient statistics covering a wide range of important environmental aspects has become a necessity for policy makers, analysts, and researchers in order to work on the conservation and development of the Emirate's resources.

Statistics centre- Abu Dhabi seeks to provide agricultural and environmental statistics that monitor the real status and cover all its aspects as well as monitoring the development taking place in both areas, agriculture and environment, to attain the goal of sustainable development.

Agriculture

Total Number of Holdings (Plant Holdings)	24,290
Total Agriculture Area (Donums)	747,679
Total Cultivated Area (Donums)	556,109
Number of Poultry Farms	12
Broiler - Chicken Meat Production (Tons)	15,225
Egg Production (Thousand Eggs)	127,013
Number of Modern Cattle Farms	11
Number of Cattle	9,192
Number of Milking Cows	4,809
Milk Production (Tons)	66,085
Number of Fishing Boats	1,051
Total Number of Fishermen	4,400
Quantity of Fish Caught (Tons)	6,333
Exported Agricultural Goods (Thousand AED)	561,997
Re - Exported Agricultural Goods (Thousand AED)	115,901

Environment

Average Minimum Temperature (C°)	23.0
Average Minimum Relative Humidity (%)	33.1
Average Rainfall in Millimeters	23.2
Average Maximum Temperature(C°)	34.8
Average Maximum Relative Humidity (%)	78.1
Average Atmospheric Pressure (hPA)	1008.7
% increase in CO ₂ Emissions - Oil and Gas Sector	9.5
% increase in CO ₂ Emissions - Water and Electricity Sector	0.8
Number of Working Wells	68,200
Average Withdrawal of Groundwater (MCM)	2,250.9
Average Water consumption per Agricultural Hectare (Cubic Meters)	32,227.7
Total Non-Conventional Water Resources (MCM)	999.3
Quantity of Treated Wastewater (MCM)	246.6
Total Amount of Waste Generated (Tons)	9,974,190
Daily Average of Waste Generated (Tons)	27,326.55

6.1. Agriculture

Agriculture and fisheries activity is one of the main sectors of production and one of the major components of GDP, in addition to being the source of a wide range of food commodities and a supplier for the Emirate's numerous food processing industries. The agricultural policy further aims to bolster the contribution of Agriculture to economic development raise efficiency in utilizing available agricultural resources technically, economically, and environmentally to attain sustainable development. It also aims to maximize productivity, support agricultural industries, and increase their GDP contribution, as well as achieving a balanced development in the agricultural sector in relation to other economic sectors.

Agricultural statistics present data on the number and area of farms and indicators of the area under crops and the quantities and values of agricultural yield. In 2010, there were 24,290 agricultural holdings in the Abu Dhabi Emirate, with a total area of 747,679 donums. About 87% of area was put to various kinds of agricultural land use in 2010.

The total number of livestock from sheep and goats in the Emirate of Abu Dhabi was about 2.3 million heads in 2009. The bulk was concentrated in Al-Ain region, where 63% of sheep and goats are raised. The total number of camels reached 378,076 head, 54% of which was in Al-Ain region, too, while cattle numbers were more or less evenly spread over the Emirate's regions in 2009.

Plant Production

Plant production statistics provide data describing the various developments affecting this activity, which vary from one season to another, and reflect the sector's contribution to food production and food security in general. These statistics also give insight into the present levels of surplus or shortage in any plant products, thereby enabling the formulation of policies on foreign trade in agricultural products to plan export and import quantities and develop plans of agricultural land use patterns in a way that would reduce the shortage or surplus in certain field crops.

6.1.1. Number and Area of Plant Holdings by Region

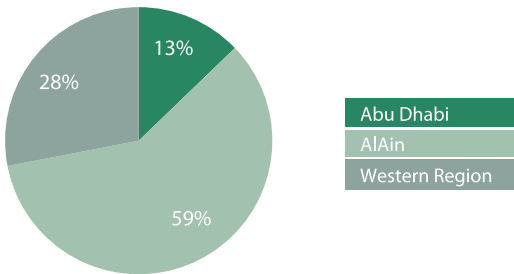
(Donums)

Region	2005	2008	2009	2010
Total				
Number	23,704	24,015	24,097	24,290
Area	739,686	731,512	737,957	747,679
Abu Dhabi				
Number	4,793	3,854	3,814	3,837
Area	111,452	97,045	94,380	95,483
Al Ain				
Number	11,529	11,751	11,782	11,894
Area	438,820	443,988	436,656	441,637
Western Region				
Number	7,382	8,410	8,501	8,559
Area	189,414	190,479	206,921	210,559

Source: Abu Dhabi Food Control Authority

Figure: 6.1.1

Percentage Distribution of Plant Holdings Area by Region, 2010



6.1.2. Area of Plant Holdings by Land Use and Region, 2010

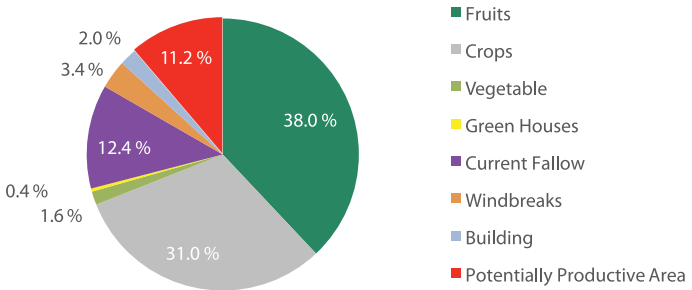
(Donums)

Item	Total	Abu Dhabi	Al Ain	Western Region
Total Area of Holdings	747,679	95,483	441,637	210,559
Fruits	283,976	26,447	180,220	77,309
Crops	231,919	33,708	134,734	63,477
Vegetable	11,910	4,483	3,687	3,740
Green Houses	2,825	113	1,632	1,080
Current Fallow	92,364	5,977	60,471	25,916
Windbreaks	25,479	7,675	8,720	9,084
Building	15,293	4,026	6,897	4,370
Potentially Productive Area	83,913	13,054	45,276	25,583

Source: Abu Dhabi Food Control Authority

Figure 6.1.2

Percentage Distribution of Plant Holdings Area by Land Use, 2010



6.1.3. Area Cultivated with Field Crops by Region

(Donums)

Region	2005	2008	2009	2010
Total	200,541	242,148	232,143	231,919
Abu Dhabi	27,310	33,456	29,470	33,708
Al Ain	118,682	141,191	139,048	134,734
Western Region	54,549	67,501	63,625	63,477

Source: Abu Dhabi Food Control Authority

6.1.4. Quantity of Production of Field Crops by Region

(Tons)

Region	2005	2008	2009	2010
Total	1,329,889	1,249,438	1,206,638	1,041,325
Abu Dhabi	210,578	178,663	165,466	153,663
Al Ain	758,609	716,451	683,936	667,801
Western Region	360,702	534,324	357,236	219,861

Source: Abu Dhabi Food Control Authority

6.1.5. Value of Production of Field Crops by Region

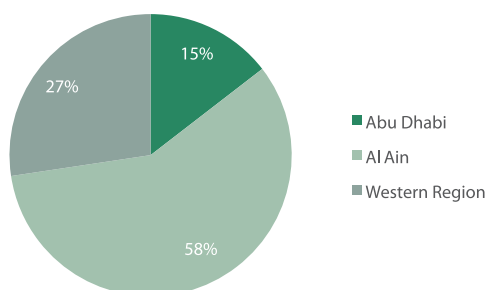
(Thousand AED)

Region	2005	2008	2009	2010
Total	2,123,580	2,061,569	1,990,953	1,699,723
Abu Dhabi	338,036	294,793	273,019	250,819
Al Ain	1,204,466	1,182,141	1,128,495	1,090,031
Western Region	581,078	584,635	589,439	358,873

Source: Abu Dhabi Food Control Authority

Figure: 6.1.3

Percentage Distribution of Area Cultivated with Field Crops by Region, 2010

**6.1.6. Quantity of Production, Cultivated Area, and Average Yield of Vegetables by Type, 2010**

Type	Production (Tons)	Cultivated Area (Donums)	Average Yield (Tons/Domum)
Tomato	9,112.6	4,635	1.97
Pepper	47.6	267	0.18
Cucumber	214.8	664	0.32
Marrow	87.1	1,069	0.08
Watermelon	54.4	34	1.60
Sweet Melon	7.7	102	0.08
Onion	622.1	904	0.69
Eggplant	32.0	274	0.12
Cauliflower	20.8	242	0.09
B.Bean	0.2	2	0.11
Cabbage	1,807.2	1,344	1.34
J.Mallow	14.5	32	0.45
Beets	53.6	53	1.01
Corn	1,417.2	1,331	1.06
Turnip	3.5	5	0.70
Carrot	4.8	28	0.17
Beans	104.8	824	0.13
Other Vegetables	11.9	99	

Source: Abu Dhabi Food Control Authority

6.1.7. Number and Area of Greenhouses by Region

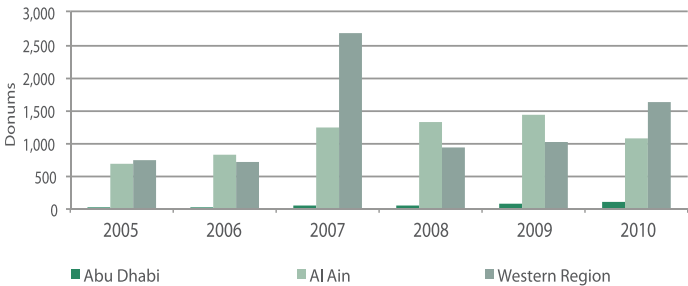
(Donums)

Region	2005	2008	2009	2010
Total*				
Number	4,514	6,916	7,683	8,363
Area	1,473	2,322	2,554	2,825
Abu Dhabi				
Number	54	102	191	243
Area	22	46	87	113
Al Ain				
Number	2,141	3,948	4,313	3,268
Area	693	1,328	1,443	1,080
Western Region				
Number	2,319	2,866	3,179	4,852
Area	758	948	1,025	1,632

Source: Abu Dhabi Food Control Authority

* Figures may not sum up to totals due to rounding

Figure 6.1.4
Area of Greenhouses by Region



6.1.8. Number and Area of Fruit Trees by Type

(Donums)

Fruit Trees*	2009		2010	
	Number	Area	Number	Area
Total	196,239	6,504	96,134	2,817
Lemon	31,316	910	33,459	941
Orange	9,526	285	9,176	275
Mango	10,193	328	11,870	378
Pomegranate	4,592	123	4,989	118
Figs	13,961	164	14,485	315
Guavas	6,151	160	5,728	144
Grapes	4,772	159	1,516	42
Mulberry	1,084	36	1,950	65
Almonds	494	16	1,139	40
Banana	942	31	1,555	52
Cider	96,701	3,842	10,124	442
Others	16,507	450	143	5

Source: Abu Dhabi Food Control Authority

* Except for date palm

6.1.9. Number and Area of Fruit Trees by Type - Abu Dhabi

(Donums)

Fruit Trees*	2009		2010	
	Number	Area	Number	Area
Total	18,900	1,383	3,750	104
Lemon	2,000	75	2,000	75
Orange	250	6	250	6
Mango	500	13	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	15,000	1,275	0	0
Others	150	3	0	0

Source: Abu Dhabi Food Control Authority

* Except for date palm

6.1.10. Number and Area of Fruit Trees by Type - Al Ain

(Donums)

Fruit Trees*	2009		2010	
	Number	Area	Number	Area
Total	103,236	3,441	52,673	1,749
Lemon	17,133	571	19,241	640
Orange	7,516	251	7,136	240
Mango	8,824	295	10,431	347
Pomegranate	2,080	69	2,528	86
Figs	3,372	112	3,929	129
Guavas	3,197	107	3,105	103
Grapes	4,772	159	1,516	42
Mulberry	1,084	36	1,950	65
Almonds	494	16	1,139	40
Banana	942	31	1,555	52
Ziziphus	43,402	1,447	0	0
Others	10,420	347	143	5

Source: Abu Dhabi Food Control Authority

* Except for date palm

6.1.11. Number and Area of Fruit Trees by Type - Western Region

(Donums)

Fruit Trees*	2009		2010	
	Number	Area	Number	Area
Total	74,103	1,680	39,711	964
Lemon	12,183	264	12,218	226
Orange	1,760	28	1,790	29
Mango	869	20	939	19
Pomegranate	2,212	46	2,161	24
Figs	10,289	50	10,256	184
Guavas	2,554	52	2,223	40
Grapes	0	0	0	0
Mulberry	0	0	0	0
Almonds	0	0	0	0
Banana	0	0	0	0
Ziziphus	38,299	1,120	10,124	442
Others	5,937	100	0	0

Source: Abu Dhabi Food Control Authority

* Except for date palm

6.1.12. Number and Area of Forest Trees by Region, 2010

(Donums)

Region	Number	Area
Total	1,133,032	25,479
Abu Dhabi	307,000	7,675
Al Ain	342,574	8,720
Western Region	483,458	9,084

Source: Abu Dhabi Food Control Authority

6.1.13. Number and Area of Ornamental Plants by Region

(Donums)

Item	2005	2008	2009
Total			
Number	1,128,205	618,049	1,106,139
Area	33,889.0	15,070.0	26,091.7
Abu Dhabi			
Number	334,200	55,000	256,000
Area	8,470.0	1,375.0	6,400.0
Al Ain			
Number	153,218	251,847	282,884
Area	4,165.0	5,037.0	5,632.0
Western Region			
Number	640,787	311,202	567,255
Area	21,254.0	8,658.0	14,059.7

Source: Abu Dhabi Food Control Authority

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

(Quantity in Tons, Value in Thousand AED)

Product	2009		2010	
	Quantity	Value	Quantity	Value
Total *	1,246,187.7	2,056,748.8	1,054,941.3	1,722,949.0
Tomato	32,431.8	46,826.0	9,112.6	12,804.6
Pepper	383.8	1,255.6	47.6	101.0
Cucumber	211.2	420.3	214.8	424.4
Marrow	206.6	394.1	87.1	157.1
Watermelon	41.6	53.5	54.4	70.5
Sweet Melon	8.0	12.1	7.7	11.4
Onion	1,243.3	3,258.9	622.1	1,621.0
Cowpeas	0.2	1.1	0.1	0.5
S.Cucumber	0.3	0.4	0.0	0.0
Beans	309.3	1,534.3	104.8	521.4
Peas	3.7	18.5	0.4	2.1
Eggplant	96.1	91.6	32.0	29.2
G Rocket	0.2	0.1	1.0	0.5
Cauliflower	227.7	314.2	20.8	29.0
B.Bean	17.3	85.2	0.2	1.1
Cabbage	1,285.3	1,277.7	1,807.2	1,803.1
Lettuce	0.9	1.4	1.8	3.3
Spinach	0.4	0.4	0.0	0.0
J.Mallow	28.6	28.0	14.5	14.5
Coriander	0.9	0.8	0.6	0.6
Beets	44.2	39.7	53.6	48.1
Parsley	17.6	25.6	7.6	11.0
Potato	0.3	1.3	0.0	0.0
Corn	2,567.6	9,578.3	1,417.2	5,561.0
Turnip	91.5	109.8	3.5	4.2
Carrot	331.1	466.0	4.8	6.3
Grass/Hay (Livestock fed)	1,206,638.2	1,990,953.9	1,041,325.0	1,699,723.0

Source: Abu Dhabi Food Control Authority

* Figures may not sum up to totals due to rounding

6.1.15. Agriculture Producers Price Indices

(2005 = 100)

Crop	2007	2008	2009	2010
All Products	102.0	95.2	104.8	103.5
F.Tomato	100.0	95.2	97.3	94.7
Pepper	113.9	74.8	115.3	74.8
Cucumber	99.7	101.8	100.9	100.2
Marrow	105.5	100.2	98.5	93.1
S. Cucumber	na	na	89.2	na
Watermelon	119.8	119.9	99.5	100.3
Sweet Melon	103.7	102.1	99.5	104.4
Onion	86.6	113.6	108.9	108.2
Cowpeas	na	100.9	110.0	100.0
Okra	110.0	na	na	na
Beans	100.3	100.6	100.3	100.5
Peas	99.5	101.2	100.9	100.5
Eggplant	100.4	97.7	101.0	96.5
Cauliflower	97.2	97.5	102.7	103.7
B.Bean	40.0	99.4	98.5	100.0
Cabbage	100.0	86.7	104.9	105.3
Lettuce	96.8	104.4	107.6	129.3
Spinach	100.0	82.4	100.0	na
J.Mallow	101.3	115.9	107.7	110.0
Coriander	100.1	105.1	94.9	104.4
Beets	101.5	93.6	89.8	89.7
Parsley	102.8	101.1	103.0	102.4
Potato	101.6	107.2	111.2	na
Corn	149.2	112.4	108.9	114.6
Turnip	96.1	97.2	100.0	100.0
Carrot	99.4	111.6	101.9	96.3
G Rocket	na	na	106.0	105.5

Source: Statistics Centre - Abu Dhabi

Livestock and Fisheries

Livestock is considered 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 governments over the past few years through the implementation of policies and programs that have successfully achieved a steady growth in livestock populations.

Coastlines are considered very important in meeting the population's demand for fish, which is the basic food component for coast inhabitants. Fisheries are one of the important renewable economic resources, and an essential source of national income.

6.1.16. Number of Livestock by Type - Abu Dhabi Emirate

Type	2005	2007	2008	2009
Total	2,078,608	2,519,841	2,377,777	2,726,671
Sheep and Goats	1,761,713	2,127,604	1,998,280	2,305,603
Cattle	30,630	38,900	42,596	42,992
Camels	286,265	353,337	336,901	378,076

Source: Abu Dhabi Food Control Authority

6.1.17. Number of Livestock by Type - Abu Dhabi

Type	2005	2007	2008	2009
Total	306,141	554,527	559,444	570,437
Sheep and Goats	253,145	456,783	464,155	473,193
Cattle	5,125	10,507	11,445	11,799
Camels	47,871	87,237	83,844	85,445

Source: Abu Dhabi Food Control Authority

6.1.18. Number of Livestock by Type - Al Ain

Type	2005	2007	2008	2009
Total	1,429,327	1,419,120	1,280,721	1,667,948
Sheep and Goats	1,255,408	1,231,951	1,102,856	1,443,121
Cattle	15,800	19,442	21,240	22,000
Camels	158,119	167,727	156,625	202,827

Source: Abu Dhabi Food Control Authority

6.1.19. Number of Livestock by Type - Western Region

Type	2005	2007	2008	2009
Total	343,140	546,194	537,612	488,286
Sheep and Goats	253,160	438,870	431,269	389,289
Cattle	9,705	8,951	9,911	9,193
Camels	80,275	98,373	96,432	89,804

Source: Abu Dhabi Food Control Authority

Figure 6.1.5

Percentage Distribution of Number of Livestock by Region, 2009

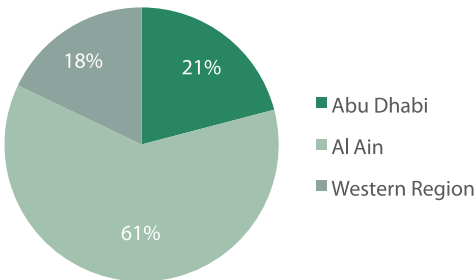
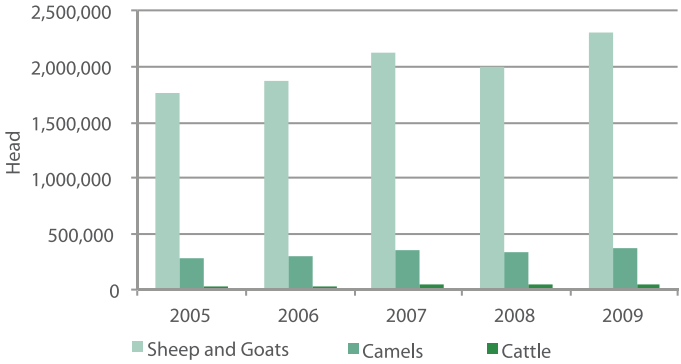


Figure 6.1.6

Number of Livestock by Type - Abu Dhabi Emirate



6.1.20. Number and Value of Camels Supplied, Sold and Slaughtered (Quantity in Kg, Value in AED)

Item	2005	2008	2009	2010
Supplied Camels				
Number	13,468	953	710	1,838
Value	38,146,500	2,630,500	2,384,500	6,489,375
Sold Meat				
Quantity	1,717,391	102,493	81,759	244,018
Value	10,524,993	1,416,066	1,355,243	3,229,909
Sold Camels				
Number	756	213	151	238
Value	1,801,400	691,400	590,700	992,975

Source: Abu Dhabi Food Control Authority

6.1.21. Number and Production of Poultry Farms by Type

Type	Unit	2008	2009	2010
Broilers				
	Number	9	7	8
	Ton	12,000	13,228	15,225
Layers				
	Number	4	3	4
	Thousand egg	130,121	155,648	127,013

Source: Abu Dhabi Food Control Authority

6.1.22. Quantity and Value of Fish Caught by Major Fish Families

(Quantity in Tons, Value in Million AED)

Fish Families	2009		2010	
	Quantity	Value	Quantity	Value
Total	5,977	104.8	6,333	124.4
Carangidae	1,009	15.8	940	14.0
Haemulidae	727	3.9	684	4.0
Lethrinidae	1,111	15.6	927	13.7
Lutjanidae	275	2.1	133	1.9
Portunidae	133	1.5	76	1.2
Scombridae	954	26.3	1,636	45.9
Serranidae	940	29.2	1,022	34.7
Sparidae	162	1.7	121	1.6
Others	666	8.8	794	7.4

Source: Environment Agency - Abu Dhabi

6.1.23. Number of Animals Treated at Veterinary Clinics by Region

Region	2007	2008	2009	2010
Total	2,824,054	3,102,291	2,714,613	1,127,777
Abu Dhabi and Western Region	1,365,804	1,166,816	1,132,559	530,499
Al Ain	1,458,250	1,935,475	1,582,054	597,278

Source: Abu Dhabi Food Control Authority

6.1.24. Number of Cases Treated and Vaccinated by Type of Animal and Region, 2010

Type of Animal	Grand Total	Abu Dhabi	Al Ain	Western Region
Total	1,003,165	142,532	546,683	313,950
Sheep	447,951	59,966	221,123	166,862
Goats	415,545	56,640	240,555	118,350
Cattle	20,365	2,663	15,790	1,912
Camels	115,906	22,359	67,927	25,620
Other	3,398	904	1,288	1,206

Source: Abu Dhabi Food Control Authority

6.1.25. Number of Incidence of Poultry Diseases by Region

Region	2005	2008	2009	2010
Total	201,992	427,579	743,469	124,613
Abu Dhabi and Western Region	175,365	63,167	97,601	74,017
Al Ain	26,627	364,412	645,868	50,596

Source: Abu Dhabi Food Control Authority

Agricultural Goods Trade

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

6.1.26. Value of Imports of Agricultural Goods and Food

(Thousand AED)

Item	2005	2008	2009	2010
Total*	3,317,479	5,679,425	6,395,953	6,705,965
Live animals and products thereof	980,136	1,812,451	1,784,291	1,891,753
Vegetable products	1,257,529	2,043,674	2,869,276	2,816,459
Animals or vegetable fats, oils and waxes	182,638	480,983	268,108	328,253
Foodstuffs, beverages, spirits and tobacco	812,332	1,260,677	1,408,733	1,581,916
Fertilizers	61,320	54,408	38,648	52,728
Pesticides and rodents, fungi, weeds	23,524	27,231	26,898	34,857

Source: Statistics Centre - Abu Dhabi

* Figures may not sum up to totals due to rounding

6.1.27. Value of Exports of Agricultural Goods and Food

(Thousand AED)

Item	2005	2008	2009	2010
Total*	293,298	614,156	447,497	561,997
Live animals and products thereof	48,647	97,841	107,913	112,270
Vegetable products	34,120	61,300	37,667	60,009
Animals or vegetable fats, oils and waxes	125,751	242,928	107,554	154,475
Foodstuffs, beverages, spirits and tobacco	47,761	132,307	143,326	181,108
Fertilizers	37,020	79,692	51,036	53,929
Pesticides and rodents, fungi, weeds	0	87	0	205

Source: Statistics Centre - Abu Dhabi

* Figures may not sum up to totals due to rounding

6.1.28. Value of Re-exports of Agricultural Goods and Food

(Thousand AED)

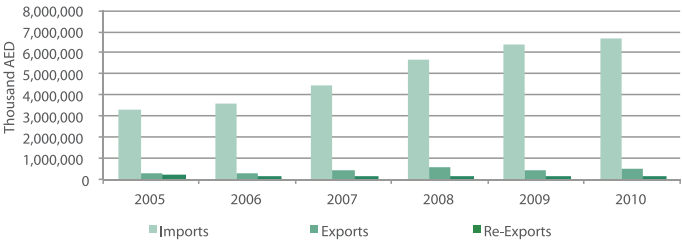
Item	2005	2008	2009	2010
Total*	163,206	131,842	91,691	115,901
Live animals and products thereof	37,679	40,855	32,854	20,673
Vegetable products	45,012	55,238	18,965	64,977
Animals or vegetable fats, oils and waxes	27,766	3,521	9,655	1,106
Foodstuffs, beverages, spirits and tobacco	50,855	31,853	29,004	28,416
Fertilizers	682	202	948	630
Pesticides and rodents, fungi, weeds	1,213	173	264	98

Source: Statistics Centre - Abu Dhabi

* Figures may not sum up to totals due to rounding

Figure 6.1.7

Value of Imports, Exports, and Re-exports of Agricultural Goods and Food



6.1.29. Quantity and Value of Imports, Exports and Re-exports of Agricultural Fertilizers

(Quantity in Tons, Value in Thousand AED)

Description	2005	2008	2009	2010
Imports				
Quantity	85,897	20,892	18,690	24,707
Value	61,320	54,408	38,648	52,728
Exports				
Quantity	18,805	20,361	19,138	18,935
Value	37,020	79,692	51,036	53,929
Re-exports				
Quantity	310	188	103	300
Value	682	202	948	630

Source: Statistics Centre - Abu Dhabi

6.1.30. Quantity of Pesticides Used by Type and Region, 2010

Item	Abu Dhabi	Al Ain	Western Region	Total
Insecticides				
Liter	365	106,352	1,234	107,951
Kilogram	40	2,065	286	2,391
Fungicides				
Liter	0	6,116	142	6,258
Kilogram	14	27,741	300	28,055
Acaroids				
Liter	48	10,771	259	11,078
Kilogram	0	1,453	6	1,459
Phostoxin				
Number	106	9,222	1,945	11,273
Kilogram	70	44,048	188	44,306
Pheromones (Number)	10,315	70,908	73,230	154,453
Kairmone (Number)	10,316	0	0	10,316
Others				
Liter	0	190	0	190
Kilogram	0	21	0	21

Source: Abu Dhabi Food Control Authority

6.1.31. Total Loans given to the Farmers in Agricultural Sector by Region

(Thousand AED)

Region	2005	2008	2009	2010
Total*	46,509.0	42,430.6	25,755.1	26,718.8
Abu Dhabi and Western Region	5,688.7	4,145.0	4,280.3	4,966.9
Al Ain	40,820.3	38,285.6	21,474.8	21,751.9

Source: Abu Dhabi Food Control Authority

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

6.1.32. Number of Agriculture Centres by Region, 2010

Region	Extension Centres	Supply Centres	Marketing Centres	Marketing Centres Feed
Total	39	24	22	20
Abu Dhabi	2	3	10	2
Al Ain	25	9	7	7
Western Region	12	12	5	11

Source: Abu Dhabi Food Control Authority

6.2. Environment

The Emirate of Abu Dhabi is showing an increased interest in developing the fields of environment, environment protection, and the conservation of natural resources. Environmental statistics reflect that interest through revealing the impact of development and the resultant change in a number of key elements of environmental statistics, such as climate, air, water, and waste management.

In 2010, the average minimum temperature of the Abu Dhabi Emirate was 23°C while the average maximum temperature was 34.8°C. Average annual rainfall decreased from 81.8 mm in 2009 to 23.2 mm in 2010. Average minimum relative humidity was 33.1% while average maximum relative humidity was 78.1%. Average atmospheric pressure was 1,008.7 hectopascal and the maximum daily solar radiation exceeded 8,000 Watt /m²/h in some regions.

Regarding air quality, the concentrations of air pollutants in 2010 were within their allowable limits in general except for particulate matter, with a diameter of 10 microns or less, where the annual average concentration reached 226.6 mcg/m³ in the region of Abu Dhabi, and the highest averages were recorded in the residential and industrial areas in the emirate.

The quantity of treated wastewater in 2010 was 246.6 MCM. Abu Dhabi region accounts for about 74% of treated wastewater, while the share of Western Region did not exceed 3.6% of the total. The average withdrawal of groundwater decreased by 6.2% and reached 2,250.9 MCM.

In 2010, there were 1259 cases of foodborne illnesses and food poisoning in the Abu Dhabi Emirate. Typhoid constituted 26.6% of the cases while Salmonella made up around 7% of the cases.

The Emirate of Abu Dhabi generated more than 27.3 thousand tons of waste per day in 2010, which adds up to approximately 9.97 million tons annually. Construction and demolition waste constituted the highest percentage with 74% 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 some 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

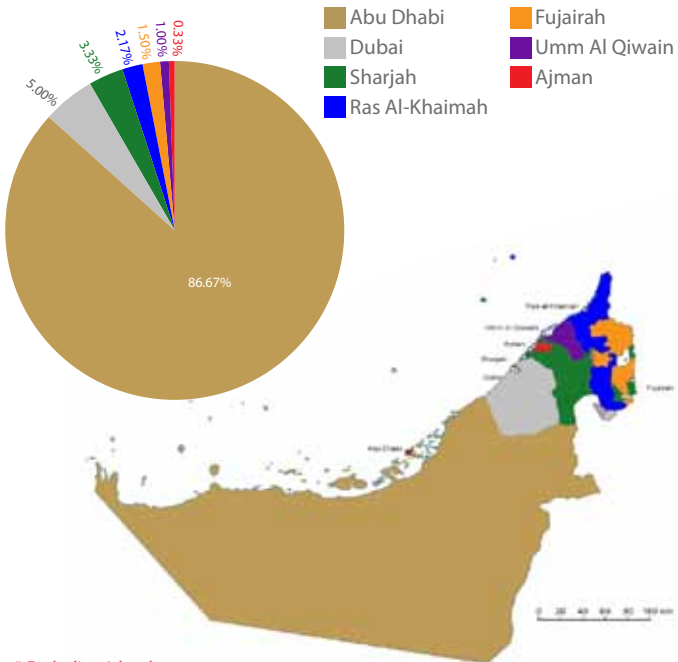
Emirate	Sq. mile	Sq. kilometre	%
Total	30,000.14	77,700	100
Abu Dhabi	26,000.12	67,340	86.67
Dubai	1,500.01	3,885	5.00
Sharjah	1,000.00	2,590	3.33
Ras Al-Khaimah	650.20	1,684	2.17
Fujairah	449.81	1,165	1.50
Umm Al Qiwain	300.00	777	1.00
Ajman	100.00	259	0.33

Source: Ministry of Economy

* Excluding islands

Figure 6.2.1

Area* of The United Arab Emirates



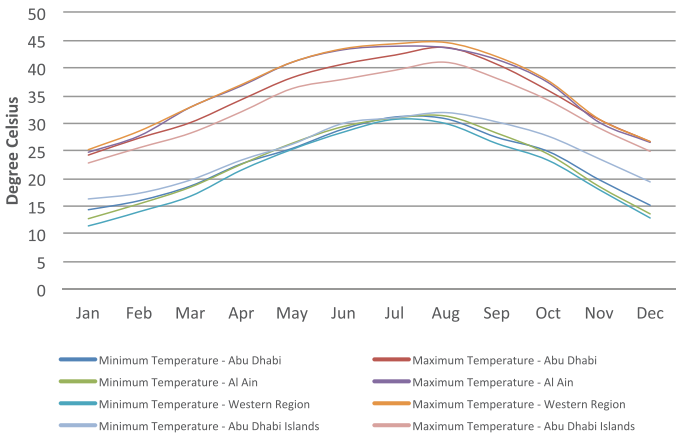
* Excluding islands

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 relatively high temperatures throughout the year, especially in summer. The Emirate's high summer temperatures are associated with high relative humidity, especially in coastal areas. Abu Dhabi receives scant rainfall and has warm winters with occasionally low temperatures. There is a variation in temperatures between the coastal strip, the desert interior and areas of higher elevation that together make up the topography of the Emirate. 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 wind speed, high temperature and low rainfall.

Figure 6.2.2

Average Maximum and Minimum Air Temperature by Month and Region, 2010



6.2.2. Air Temperature by Month - Abu Dhabi , 2010

(Degree Celsius)

Month	Absolute Minimum	Average Minimum	Absolute Maximum	Average Maximum
January	8.0	14.3	30.2	24.3
February	7.3	16.0	36.6	27.3
March	11.9	18.6	41.3	30.1
April	15.8	22.7	44.3	34.3
May	18.8	25.5	45.9	38.3
June	19.3	29.0	49.0	40.7
July	25.3	31.1	49.0	42.3
August	26.1	30.8	48.4	43.7
September	21.7	27.4	47.5	40.7
October	18.0	24.9	42.2	36.0
November	10.2	19.8	39.9	30.7
December	5.9	15.2	32.3	26.7

Source: National Centre for Meteorology and Seismology

6.2.3. Air Temperature by Month - Al Ain, 2010

(Degree Celsius)

Month	Absolute Minimum	Average Minimum	Absolute Maximum	Average Maximum
January	7.5	12.7	30.6	24.8
February	4.1	15.4	35.6	27.7
March	8.6	18.4	39.9	32.9
April	14.8	22.6	44.5	36.8
May	17.6	26.4	47.7	41.1
June	20.7	29.4	49.9	43.3
July	21.5	30.9	49.9	43.9
August	22.9	31.3	49.8	43.7
September	23.0	28.2	48.1	41.5
October	17.9	24.4	43.8	37.4
November	11.1	18.6	37.3	30.2
December	5.6	13.6	33.5	26.6

Source: National Centre for Meteorology and Seismology

6.2.4. Air Temperature by Month - Western Region, 2010

(Degree Celsius)

Month	Absolute Minimum	Average Minimum	Absolute Maximum	Average Maximum
January	4.8	11.3	31.1	25.2
February	5.9	14.0	38.6	28.6
March	10.0	16.8	41.8	32.9
April	12.3	21.5	45.4	37.0
May	18.8	25.3	47.0	41.1
June	23.4	28.4	49.2	43.5
July	23.0	30.7	49.9	44.4
August	25.1	30.0	49.0	44.6
September	21.2	26.3	47.1	42.1
October	18.5	23.3	43.4	37.7
November	11.3	18.0	36.1	30.8
December	4.2	12.9	33.4	26.7

Source: National Centre for Meteorology and Seismology

6.2.5. Air Temperature by Month - Abu Dhabi Islands, 2010

(Degree Celsius)

Month	Absolute Minimum	Average Minimum	Absolute Maximum	Average Maximum
January	8.0	16.3	29.4	22.8
February	10.7	17.4	36.5	25.6
March	13.1	19.7	41.9	28.2
April	14.0	23.3	42.0	32.1
May	19.9	26.2	45.0	36.3
June	24.7	30.0	46.9	38.0
July	24.7	31.0	47.7	39.6
August	26.9	31.9	47.0	41.0
September	23.3	30.2	44.8	38.1
October	21.4	27.7	38.8	34.2
November	17.4	23.6	35.6	29.2
December	9.5	19.4	30.3	24.9

Source: National Centre for Meteorology and Seismology

6.2.6. Average Rainfall by Month and Region, 2010

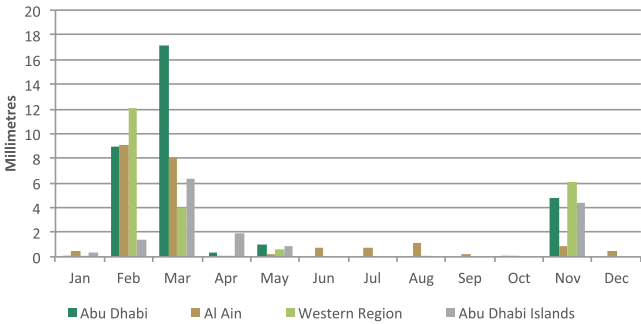
(Millimetres)

Month	Abu Dhabi	Al Ain	Western Region	Abu Dhabi Islands
January	Trace	Trace	Trace	Trace
February	8.9	9.0	12.1	1.5
March	17.2	8.0	4.0	6.4
April	Trace	Trace	Trace	1.9
May	1.0	Trace	Trace	Trace
June	0.0	Trace	0.0	0.0
July	0.0	Trace	0.0	0.0
August	0.0	1.1	Trace	0.0
September	0.0	Trace	0.0	0.0
October	Trace	Trace	0.0	0.0
November	4.8	Trace	6.1	4.4
December	0.0	Trace	0.0	0.0

Source: National Centre for Meteorology and Seismology

Figure 6.2.3

Average Rainfall by Month and Region, 2010

**6.2.7. Rainfall in Abu Dhabi and Al Ain Regions by Month, 2010***(Millimetres)*

Month	Abu Dhabi		Al Ain	
	Heaviest Fall in one Day	Total for Month	Heaviest Fall in one Day	Total for Month
January	Trace	Trace	1.4	4.2
February	18.6	35.6	26.4	81.1
March	42.8	68.6	24.4	72.4
April	1.6	1.6	Trace	Trace
May	1.6	3.0	Trace	2.4
June	0.0	0.0	6.2	6.8
July	0.0	0.0	1.8	7.1
August	0.0	0.0	3.8	8.6
September	0.0	0.0	1.6	1.6
October	Trace	Trace	0.0	Trace
November	17.2	19.2	4.8	7.0
December	0.0	0.0	2.6	4.2

Source: National Centre for Meteorology and Seismology

6.2.8. Rainfall in Western Region and Abu Dhabi Islands by Month, 2010

(Millimetres)

Month	Western Region		Abu Dhabi Islands	
	Heaviest Fall in one Day	Total for Month	Heaviest Fall in one Day	Total for Month
January	Trace	Trace	1.2	1.2
February	25.6	72.8	2.6	5.8
March	13.0	23.8	14.0	25.4
April	Trace	Trace	2.8	7.4
May	2.8	3.4	2.8	3.6
June	0.0	0.0	0.0	0.0
July	0.0	0.0	0.0	0.0
August	Trace	Trace	0.0	0.0
September	0.0	0.0	0.0	0.0
October	0.0	0.0	0.0	0.0
November	36.4	36.6	14.0	17.4
December	0.0	0.0	0.0	0.0

Source: National Centre for Meteorology and Seismology

6.2.9. Average Atmospheric Pressure by Month and Region, 2010

(Hectopascal)

Month	Abu Dhabi	Al Ain	Western Region	Abu Dhabi Islands
January	1,018.7	1,019.3	1,019.5	1,020.0
February	1,014.3	1,015.1	1,015.1	1,015.2
March	1,013.5	1,014.1	1,014.3	1,014.4
April	1,010.2	1,010.7	1,010.9	1,010.9
May	1,005.1	1,005.5	1,005.8	1,005.9
June	1,000.0	1,000.6	1,000.5	1,000.9
July	996.7	996.9	997.1	997.5
August	999.2	999.1	999.7	999.7
September	1,003.8	1,003.8	1,004.3	1,004.5
October	1,008.9	1,008.5	1,009.6	1,009.8
November	1,014.0	1,013.7	1,014.8	1,014.7
December	1,015.4	1,015.1	1,016.0	1,016.7

Source: National Centre for Meteorology and Seismology

6.2.10. Average Relative Humidity by Month and Region, 2010

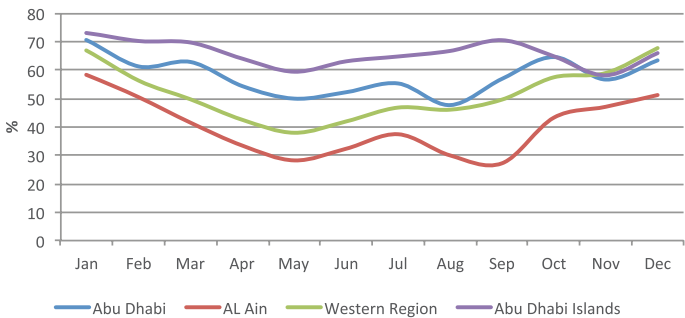
(%)

Month	Abu Dhabi	Al Ain	Western Region	Abu Dhabi Islands
January	70.9	58.5	67.2	73.3
February	61.2	50.4	56.3	70.2
March	62.8	41.5	49.7	69.7
April	54.3	33.4	42.5	64.0
May	49.9	28.2	37.9	59.4
June	52.2	32.3	41.9	63.1
July	55.3	37.4	46.8	64.8
August	47.7	30.0	46.0	66.7
September	56.9	27.2	49.6	70.5
October	64.5	43.2	57.4	64.8
November	56.6	47.1	58.9	58.1
December	63.4	51.2	67.7	65.9

Source: National Centre for Meteorology and Seismology

Figure 6.2.4

Average Relative Humidity by Month and Region, 2010



6.2.11. Relative Humidity by Month - Abu Dhabi, 2010

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	70.9	46.2	87.9
February	61.2	36.4	81.7
March	62.8	33.0	85.4
April	54.3	27.4	76.1
May	49.9	22.6	72.9
June	52.2	29.5	73.4
July	55.3	30.1	75.7
August	47.7	19.6	71.0
September	56.9	24.6	83.7
October	64.5	37.1	83.7
November	56.6	34.3	75.7
December	63.4	39.5	81.7

Source: National Centre for Meteorology and Seismology

6.2.12. Relative Humidity by Month - Al Ain, 2010

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	58.5	28.8	88.9
February	50.4	25.1	79.6
March	41.5	16.6	70.7
April	33.4	14.1	59.4
May	28.2	11.3	52.2
June	32.3	14.0	58.6
July	37.4	18.8	61.9
August	30.0	14.0	49.6
September	27.2	10.5	59.2
October	43.2	16.3	74.6
November	47.1	23.4	73.5
December	51.2	22.6	79.1

Source: National Centre for Meteorology and Seismology

6.2.13. Relative Humidity by Month - Western Region, 2010

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	67.2	53.1	94.2
February	56.3	45.4	85.3
March	49.7	43.4	82.5
April	42.5	36.0	72.5
May	37.9	30.3	65.9
June	41.9	35.9	71.6
July	46.8	38.2	72.7
August	46.0	34.7	72.2
September	49.6	39.4	81.6
October	57.4	47.4	88.9
November	58.9	42.5	87.1
December	67.7	50.9	93.6

Source: National Centre for Meteorology and Seismology

6.2.14. Relative Humidity by Month - Abu Dhabi Islands, 2010

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	73.3	53.1	89.4
February	70.2	45.4	89.4
March	69.7	43.4	91.6
April	64.0	36.0	87.4
May	59.4	30.3	86.1
June	63.1	35.9	85.8
July	64.8	38.2	85.9
August	66.7	34.7	84.7
September	70.5	39.4	85.1
October	64.8	47.4	80.8
November	58.1	42.5	73.5
December	65.9	50.9	82.7

Source: National Centre for Meteorology and Seismology

6.2.15. Average Wind Speed by Month and Region, 2010

(Knot*)

Month	Abu Dhabi	Al Ain	Western Region	Abu Dhabi Islands
January	5.2	4.4	5.8	7.1
February	6.4	5.5	6.8	7.6
March	6.0	5.1	6.9	8.1
April	6.8	6.0	7.7	8.7
May	6.4	6.0	7.1	7.6
June	6.8	6.2	7.7	7.9
July	6.6	6.7	7.2	8.3
August	6.6	6.5	6.7	7.4
September	6.1	5.7	5.8	6.3
October	5.4	5.4	5.4	6.8
November	5.3	4.8	5.7	6.9
December	5.3	4.9	5.9	7.4

Source: National Centre for Meteorology and Seismology

*Knot = 1.15 mph

6.2.16. Wind Speed by Month - Abu Dhabi , 2010

(Knot*)

Month	Average	Absolute Maximum	Average Maximum
January	5.2	20.9	9.9
February	6.4	24.7	12.2
March	6.0	26.8	12.1
April	6.8	30.0	14.3
May	6.4	27.0	13.7
June	6.8	21.9	13.1
July	6.6	18.0	12.9
August	6.6	19.2	13.2
September	6.1	18.0	12.6
October	5.4	16.4	11.2
November	5.3	28.0	10.9
December	5.3	21.8	10.5

Source: National Centre for Meteorology and Seismology

*Knot = 1.15 mph

6.2.17. Wind Speed by Month - Al Ain, 2010

(Knot*)

Month	Average	Absolute Maximum	Average Maximum
January	4.4	19.6	10.0
February	5.5	31.4	12.4
March	5.1	29.5	12.5
April	6.0	29.0	14.4
May	6.0	30.2	14.7
June	6.2	33.3	14.2
July	6.7	36.5	14.8
August	6.5	32.8	14.8
September	5.7	30.1	13.9
October	5.4	28.4	12.5
November	4.8	25.0	11.4
December	4.9	30.7	11.0

Source: National Centre for Meteorology and Seismology

*Knot = 1.15 mph

6.2.18. Wind Speed by Month - Western Region, 2010

(Knot*)

Month	Average	Absolute Maximum	Average Maximum
January	5.8	28.3	11.4
February	6.8	30.1	13.5
March	6.9	33.8	14.1
April	7.7	31.0	16.7
May	7.1	32.1	16.2
June	7.7	33.7	15.9
July	7.2	31.1	14.8
August	6.7	33.0	14.7
September	5.8	21.5	13.3
October	5.4	19.6	11.2
November	5.7	29.0	12.0
December	5.9	33.5	12.0

Source: National Centre for Meteorology and Seismology

*Knot = 1.15 mph

6.2.19. Wind Speed by Month - Abu Dhabi Islands, 2010

(Knot*)

Month	Average	Absolute Maximum	Average Maximum
January	7.1	24.1	12.2
February	7.6	30.5	13.8
March	8.1	38.8	14.2
April	8.7	30.8	17.0
May	7.6	29.6	15.0
June	7.9	28.8	14.2
July	8.3	24.6	13.9
August	7.4	22.1	12.7
September	6.3	24.7	12.2
October	6.8	20.1	11.5
November	6.9	49.6	12.7
December	7.4	24.4	12.6

Source: National Centre for Meteorology and Seismology

*Knot = 1.15 mph

6.2.20. Average Daily Sunshine in Abu Dhabi and Al Ain Regions by Month, 2010

(Hours)

Month	Abu Dhabi	Al Ain
January	8.4	9.4
February	8.6	9.0
March	9.6	9.6
April	9.8	9.8
May	10.2	9.8
June	11.0	10.5
July	10.0	9.3
August	10.3	9.8
September	10.0	10.4
October	9.6	9.8
November	8.6	9.1
December	8.6	8.6

Source: National Centre for Meteorology and Seismology

6.2.21. Average Daily Total Solar Radiation by Month and Region, 2010

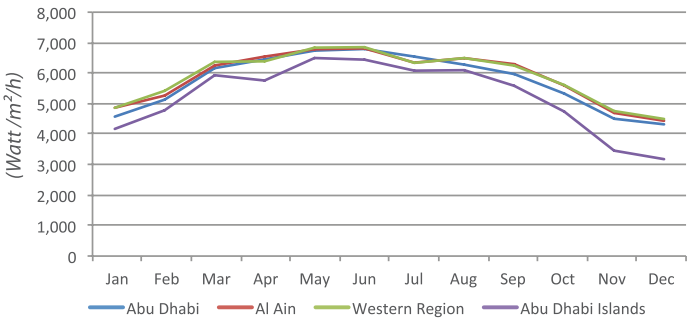
(Watt/m²/h)

Month	Abu Dhabi	Al Ain	Western Region	Abu Dhabi Islands
January	4,473	4,797	4,793	4,041
February	5,097	5,244	5,417	4,723
March	6,252	6,348	6,480	6,001
April	6,573	6,675	6,501	5,808
May	6,895	6,945	7,002	6,630
June	6,955	6,977	7,021	6,570
July	6,676	6,452	6,444	6,168
August	6,380	6,617	6,621	6,185
September	6,034	6,398	6,343	5,614
October	5,320	5,615	5,630	4,676
November	4,396	4,606	4,674	3,248
December	4,191	4,317	4,383	2,936

Source: National Centre for Meteorology and Seismology

Figure 6.2.5

Average Daily Total Solar Radiation by Month and Region, 2010



6.2.22. Daily Total Solar Radiation by Month - Abu Dhabi, 2010

(Watt /m²/h)

Month	Average	Minimum	Maximum
January	4,473	2,763	5,418
February	5,097	1,937	6,200
March	6,252	3,103	7,150
April	6,573	2,830	7,800
May	6,895	3,268	8,280
June	6,955	5,629	7,930
July	6,676	4,178	8,279
August	6,380	1,942	7,518
September	6,034	4,714	7,170
October	5,320	4,336	6,357
November	4,396	2,875	5,220
December	4,191	3,361	4,810

Source: National Centre for Meteorology and Seismology

6.2.23. Daily Total Solar Radiation by Month - Al Ain, 2010

(Watt /m²/h)

Month	Average	Minimum	Maximum
January	4,797	1,281	5,809
February	5,244	1,554	6,446
March	6,348	2,281	7,472
April	6,675	4,922	7,842
May	6,945	3,589	8,265
June	6,977	4,816	8,326
July	6,452	4,294	7,750
August	6,617	4,932	7,631
September	6,398	5,011	7,192
October	5,615	4,459	6,962
November	4,606	2,750	5,805
December	4,317	2,304	5,553

Source: National Centre for Meteorology and Seismology

6.2.24. Daily Total Solar Radiation by Month - Western Region, 2010

(Watt/m²/h)

Month	Average	Minimum	Maximum
January	4,793	2,953	5,972
February	5,417	1,165	6,662
March	6,480	1,856	7,639
April	6,501	2,018	7,818
May	7,002	2,697	8,288
June	7,021	3,920	7,865
July	6,444	3,854	7,513
August	6,621	3,631	7,515
September	6,343	4,464	7,317
October	5,630	4,417	8,913
November	4,674	2,161	5,562
December	4,383	3,121	5,139

Source: National Centre for Meteorology and Seismology

6.2.25. Daily Total Solar Radiation by Month - Abu Dhabi Islands, 2010

(Watt/m²/h)

Month	Average	Minimum	Maximum
January	4,041	1,545	5,695
February	4,723	1,492	6,506
March	6,001	2,884	7,636
April	5,808	1,682	7,877
May	6,630	2,329	8,148
June	6,570	3,611	8,010
July	6,168	4,347	7,720
August	6,185	4,732	6,941
September	5,614	3,682	6,803
October	4,676	2,125	6,665
November	3,248	1,612	5,937
December	2,936	1,523	4,898

Source: National Centre for Meteorology and Seismology

Air Statistics

Air pollution has health and environmental impacts on ecosystems and their inhabitants from humans, plants, and animals. Therefore the government of Abu Dhabi seeks to improve air quality and reduce emissions resulting from various economic activities; particularly those resulting from the burning of fossil fuels used in electricity production, transport or industry, or from the use of solvents in chemical and metal industries.

Air pollution figures in the Emirate of Abu Dhabi are generally within the normal range. However, the readings vary with different locations: 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. Generally, the concentrations of air pollutants in 2010 were within their allowable limits except for particulate matter, with a diameter of 10 microns or less, where the annual average concentration reached 226.6 mcg/m³ in the region of Abu Dhabi, and the highest averages were recorded in the residential and industrial areas in the emirate.

6.2.26. Annual Average of Air Pollution Indicators in Urban Areas by Region and Station, 2010

Indicator (Maximum Allowable Limit)	Abu Dhabi		Al Ain	Western Region
	Khalifa school	Baniyas School	Al Ain School	Bida Zayed
Sulphur Dioxide (350 mcg/m ³ in 1 hour)	8.2	12.9	5.2	8.0
Nitrogen Dioxide (400 mcg/m ³ in 1 hour)	39.7	30.7	29.3	17.4
Ground Level Ozone (200 mcg/m ³ in 1 hour)	53.5	52.1	37.9	68.4
Particulate Matter (150 mcg/m ³ in 24 hours)	71.6	189.3	72.0	102.3

Source: Environment Agency - Abu Dhabi

6.2.27. Sulphur Dioxide Concentration in Ambient Air by Region, 2010

(Microgram/m³)

Station Location	Average	Maximum	Minimum
Abu Dhabi			
City Centre - Khadija School	9.5	98.5	0.2
Urban/ Residential - Khalifa School	8.2	76.0	0.1
Road Side - Hamdan Street	9.8	128.4	0.2
Urban/ Residential - Baniyas School	12.9	68.4	0.3
Industrial - Mussafah	6.5	89.2	0.3
Al Ain			
Urban/ Residential - Al Ain School	5.2	70.1	0.3
Road Side - Al Ain Street	5.9	74.2	0.1
Western Region			
Urban/ Residential - Bida Zayed	8.0	240.1	0.3
City Centre - Gayathi School	6.0	66.3	0.2
Regional Background - Liwa Oasis	4.7	105.1	0.1

Source: Environment Agency - Abu Dhabi

6.2.28. Nitrogen Dioxide Concentration in Ambient Air by Region, 2010

(Microgram/m³)

Station Location	Average	Maximum	Minimum
Abu Dhabi			
City Centre - Khadija School	52.6	292.5	0.4
Urban/ Residential - Khalifa School	39.7	232.4	0.2
Road Side-Hamdan Street	59.1	304.3	0.9
Urban/ Residential - Baniyas School	30.7	154.0	0.2
Industrial-Mussafah	59.3	355.7	0.9
Al Ain			
Urban/ Residential - Al Ain School	29.3	95.4	4.7
Road Side - Al Ain Street	35.3	147.2	0.1
Western Region			
Urban/ Residential - Bida Zayed	17.4	225.7	0.0
City Centre - Gayathi School	11.4	125.1	0.2
Regional Background - Liwa Oasis	3.6	35.9	0.2

Source: Environment Agency - Abu Dhabi

6.2.29. Methane Concentration in Ambient Air by Region, 2010

(Microgram/m³)

Station Location	Average	Maximum	Minimum
Abu Dhabi			
City Centre - Khadija School	1.22	11.53	0.01
Urban/ Residential - Khalifa School	0.45	3.45	0.01
Road Side - Hamdan Street	0.76	2.98	0.01
Urban/ Residential - Baniyas School	0.30	2.14	0.01
Industrial - Mussafah	na	na	na
Al Ain			
Urban/ Residential - Al Ain School	2.37	6.82	0.06
Road Side - Al Ain Street	1.34	3.27	0.07
Western Region			
Urban/ Residential - Bida Zayed	5.16	9.42	0.30
City Centre - Gayathi School	0.21	1.48	0.01
Regional Background - Liwa Oasis	1.26	3.57	0.07

Source: Environment Agency - Abu Dhabi

6.2.30. Ground level Ozone Concentration in Ambient Air by Region, 2010

(Microgram/m³)

Station Location	Average	Maximum	Minimum
Abu Dhabi			
City Centre - Khadija School	59.0	169.7	0.2
Urban/ Residential - Khalifa School	53.5	181.0	0.1
Urban/ Residential - Banyas School	52.1	176.3	0.2
Al Ain			
Urban/ Residential - Al Ain School	37.9	143.6	0.2
Western Region			
Urban/ Residential - Bida Zayed	68.4	294.6	1.2
City Centre - Gayathi School	87.9	270.4	1.5
Regional background - Liwa Oasis	81.5	223.1	15.7

Source: Environment Agency - Abu Dhabi

6.2.31. Particulate Matter (PM₁₀) Concentration in Ambient Air by Region, 2010

(Microgram/m³)

Station Location	Average	Maximum	Minimum
Abu Dhabi			
City Centre - Khadija School	132.8	814.1	20.4
Urban/ Residential - Khalifa School	71.6	528.2	11.8
Road Side - Hamdan Street	143.2	785.5	30.6
Urban/ Residential - Banyas School	189.3	796.3	18.2
Industrial - Mussafah	226.6	835.6	7.9
Al Ain			
Urban/ Residential - Al Ain School	72.0	375.3	14.0
Road Side - Al Ain Street	151.3	815.7	51.5
Western Region			
Urban/ Residential - Bida Zayed	102.3	629.9	14.4
City Centre - Gayathi School	128.4	786.5	21.6
Regional Background - Liwa Oasis	153.0	892.9	28.6

Source: Environment Agency - Abu Dhabi

6.2.32. Hydrogen Sulphide Concentration in Ambient Air by Region, 2010

(Microgram/m³)

Station Location	Average	Maximum	Minimum
Abu Dhabi			
City Centre - Khadija School	2.81	13.19	0.05
Urban/ Residential - Khalifa School	2.62	29.27	0.14
Urban/ Residential - Baniyas School	5.55	57.28	0.03
Industrial - Mussafah	6.95	41.00	0.14
Al Ain			
Urban/ Residential - Al Ain School	1.88	19.55	0.13
Western Region			
Urban/ Residential - Bida Zayed	2.49	12.82	0.13
City Centre - Gayathi School	2.14	29.42	0.14

Source: Environment Agency - Abu Dhabi

6.2.33. Carbon Monoxide Concentration in Ambient Air by Region, 2010

(Milligram/m³)

Station Location	Average	Maximum	Minimum
Abu Dhabi			
Road Side - Hamdan Street	1.04	5.28	0.01
Al Ain			
Road Side - Al Ain Street	0.85	3.99	0.02

Source: Environment Agency - Abu Dhabi

6.2.34. Noise Level by Region, 2010

(Decibels)

Station Location	Average	Maximum	Minimum
Abu Dhabi			
City Centre - Khadija School	57.4	63.1	51.7
Urban/ Residential - Khalifa School	53.0	74.0	44.7
Road Side - Hamdan Street	66.6	76.6	59.5
Urban/ Residential - Baniyas School	53.7	78.5	43.7
Industrial - Mussafah	48.3	54.1	38.8
Al Ain			
Urban/ Residential - Al Ain School	48.9	60.3	41.9
Road Side - Al Ain Street	61.6	72.5	53.3
Western Region			
Urban/ Residential - Bida Zayed	na	na	na
City Centre - Gayathi School	50.6	66.6	41.2
Regional Background - Liwa Oasis	50.6	75.7	36.4

Source: Environment Agency - Abu Dhabi

6.2.35. Sulphur Dioxide Emissions - Oil and Gas Sector

(Tons)

Business Sector	2005	2008	2009	2010
Total	262,539	156,674	185,870	219,022
Exploration and Production	103,516	45,619	76,641	153,500
Independent Operators	*	*	*	52,790
Shared Services**	**	**	**	74
Marketing and Refining	10,040	11,506	11,271	12,318
Gas Processing	148,743	99,349	97,780	*
Petrochemicals	240	200	178	340

Source : Abu Dhabi National Oil Company - ADNOC

* Included with exploration and production

** New business sector

6.2.36. Nitrogen Oxides Emissions - Oil and Gas Sector

(Tons)

Business Sector	2005	2008	2009	2010
Total	56,225	52,755	54,782	58,901
Exploration and Production	16,655	15,045	17,670	29,288
Independent Operators	*	*	*	2,336
Shared Services**	**	**	**	802
Marketing and Refining	17,795	20,253	20,031	23,430
Gas Processing	20,263	16,004	15,696	*
Petrochemicals	1,512	1,453	1,385	3,045

Source: Abu Dhabi National Oil Company - ADNOC

* Included with exploration and production

** New business sector

6.2.37. Volatile Organic Compounds Emissions - Oil and Gas Sector

(Tons)

Business Sector	2005	2008	2009	2010
Total	64,915	65,475	57,999	62,170
Exploration and Production	47,490	50,404	42,835	51,464
Independent Operators	*	*	*	1,166
Marketing and Refining	8,222	8,310	8,343	7,808
Gas Processing	8,503	5,978	6,206	*
Petrochemicals	700	783	615	1,732

Source: Abu Dhabi National Oil Company - ADNOC

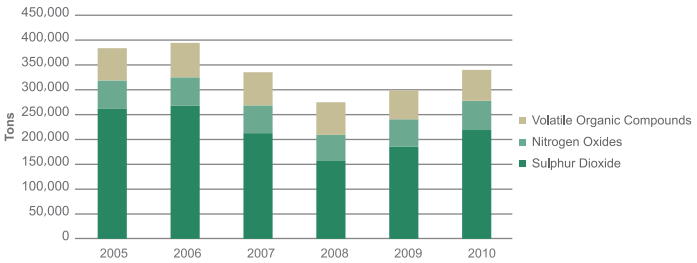
* Included with exploration and production

6.2.38. Air Pollutant Total Emissions - Oil and Gas Sector

(Tons)

Pollutant	2005	2008	2009	2010
Total	383,679	274,904	298,651	340,093
Sulphur Dioxide (SO ₂)	262,539	156,674	185,870	219,022
Nitrogen Oxides (NO _x)	56,225	52,755	54,782	58,901
Volatile Organic Compounds (VOC)	64,915	65,475	57,999	62,170

Source: Abu Dhabi National Oil Company - ADNOC

Figure 6.2.6**Air Pollutant Total Emissions - Oil and Gas Sector****6.2.39. Per Capita Air Pollutant Total Emissions - Oil and Gas Sector***(Tons)*

Pollutant	2005	2008	2009	2010
Total	0.279	0.162	0.164	0.173
Sulphur Dioxide (SO ₂)	0.191	0.092	0.102	0.111
Nitrogen Oxides (NOx)	0.041	0.031	0.030	0.030
Volatile Organic Compounds (VOC)	0.047	0.039	0.032	0.032

Source : Statistics Centre- Abu Dhabi

6.2.40. Carbon Dioxide Emissions - Oil and Gas Sector*(Million Tons)*

Business Sector	2006	2008	2009	2010
Total	23.0	21.0	21.0	23.0
Exploration and Production	16.0	15.0	14.0	15.0
Independent Operators	1.0	1.0	1.0	1.0
Marketing & Refining	5.0	4.0	5.0	4.0
Petrochemicals	1.0	1.0	1.0	3.0

Source: Abu Dhabi National Oil Company - ADNOC

6.2.41. Per Capita Carbon Dioxide Emissions - Oil and Gas Sector

(Tons)

Business Sector	2006	2008	2009	2010
Total	15.73	12.39	11.50	11.68
Exploration and Production	10.95	8.85	7.66	7.62
Independent Operators	0.68	0.59	0.55	0.51
Marketing & Refining	3.42	2.36	2.74	2.03
Petrochemicals	0.68	0.59	0.55	1.52

Source: Statistics Centre- Abu Dhabi

6.2.42. Sulphur Dioxide Emissions - Water and Electricity Production Sector

(Tons)

Source	2005	2008	2009	2010
Total	1,141.07	1,233.47	5,383.04	4,240.03
Arabian Power Company	841.00	706.00	4,104.00	2,314.00
Shuweihat CMS International Power Company	108.00	146.00	245.00	372.79
Emirates CMS Power Company	173.84	150.00	219.84	215.82
Gulf Total Tractebel Power Company	15.63	19.54	19.49	21.00
Taweelah Asia Power Company	na	207.00	789.00	1,309.71
Al Mirfa Power and Distillation Plant	2.26	4.90	5.69	6.71
Madinat Zayed Power Plant	0.34	0.03	0.02	na

Source: Abu Dhabi Water and Electricity Authority - ADWEA

6.2.43. Nitrogen Oxides Emissions - Water and Electricity Production Sector

(Tons)

Source	2005	2008	2009	2010
Total	25,161.27	11,307.25	14,479.63	13,481.09
Arabian Power Company	18,510.00	3,324.00	5,710.00	4,759.00
Shuweihat CMS International Power Company	889.00	2,349.00	2,542.00	2,927.10
Emirates CMS Power Company	831.18	637.64	568.90	545.79
Gulf Total Tractebel Power Company	1,958.04	2,094.48	2,490.84	2,724.00
Taweelah Asia Power Company	2,368.00	1,752.00	1,836.00	2,350.85
Al Mirfa Power and Distillation Plant	526.25	1,142.29	1,326.86	174.35
Madinat Zayed Power Plant	78.80	7.84	5.03	na

Source: Abu Dhabi Water and Electricity Authority - ADWEA

6.2.44. Volatile Organic Compounds Emissions - Water and Electricity Production Sector

(Tons)

Source	2005	2008	2009	2010
Total	167.06	224.29	231.03	189.00
Gulf Total Tractebel Power Company	143.29	179.10	178.70	189.00
Al Mirfa Power and Distillation Plant	20.67	44.88	52.13	na
Madinat Zayed Power Plant	3.10	0.31	0.20	na

Source: Abu Dhabi Water and Electricity Authority - ADWEA

6.2.45. Air Pollutant Total Emissions - Water and Electricity Production Sector

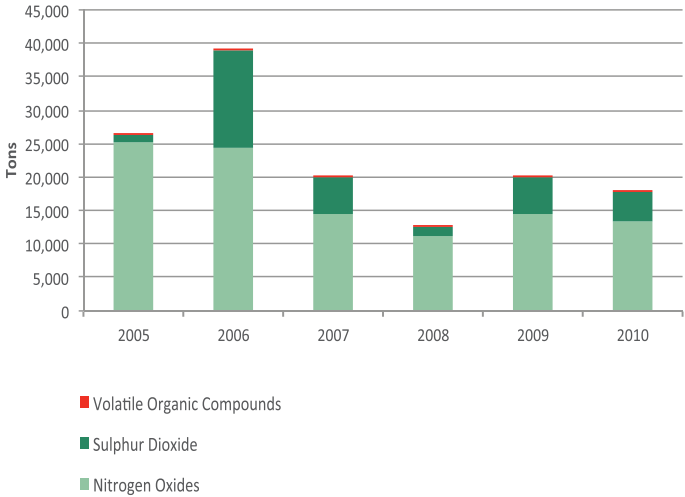
(Tons)

Pollutant	2005	2008	2009	2010
Total	26,469.40	12,765.01	20,093.70	17,910.12
Sulphur Dioxide (SO ₂)	1,141.07	1,233.47	5,383.04	4,240.03
Nitrogen Oxides (NOx)	25,161.27	11,307.25	14,479.63	13,481.09
Volatile Organic Compounds (VOC)	167.06	224.29	231.03	189.00

Source: Abu Dhabi Water and Electricity Authority - ADWEA

Figure 6.2.7

Air Pollutant Total Emissions - Water and Electricity Production Sector



6.2.46. Carbon Dioxide Emissions - Water and Electricity Production Sector

(Million Tons)

Source	2005	2008	2009	2010
Total	19.76	24.15	26.88	27.10
Arabian Power Company	7.25	6.49	7.23	8.04
Shuweihat CMS International Power Company	2.31	4.58	5.25	5.31
Emirates CMS Power Company	2.66	2.57	2.39	2.49
Gulf Total Tractebel Power Company	3.05	3.87	3.87	4.08
Taweelah Asia Power Company	3.97	5.65	7.00	7.17
Al Mirfa Power and Distillation Plant	0.45	0.98	1.14	0.01
Madinat Zayed Power Plant	0.07	0.01	0.00	na

Source: Abu Dhabi Water and Electricity Authority - ADWEA

6.2.47. Other Emissions - Water and Electricity Production Sector

(Tons)

Pollutant	2005	2008	2009	2010
Carbon Monoxide (CO)	3,505.66	4,896.82	5,360.69	5,236.34
Lead (Pb)	0.02	0.02	0.02	0.02
Methane (CH ₄)	69.94	93.89	96.61	79.00

Source: Abu Dhabi Water and Electricity Authority - ADWEA

Water

The Emirate of Abu Dhabi pays particular attention to water activity as an essential part of its key priorities to preserve its natural resources since water is the basic for all economic, social, and sustainable environment development demands. The government of Abu Dhabi is working hard in increasing the awareness of the importance of water, its resources, and the rationalisation of water consumption by households or by Economic Activity, such as industry and agriculture.

In 2010, the number of working wells in the Emirate of Abu Dhabi was 68,200 compared to 21,800 non-working wells according to estimations made by the Environment Agency - Abu Dhabi. The average withdrawal of groundwater reached 2,250.9 MCM in 2010, whereas the amount of groundwater reserves reached 636,620 MCM.

The Western Region was the lowest producer of treated wastewater in 2010 accounting for only 3.6% of the Emirate's total treated wastewater, while Abu Dhabi region ranked top in this regard, producing 74% of the total.

6.2.48. Number of Working and Non-Working Wells by Region

Region	2005	2008	2009	2010*
Total				
Working Wells	74,870	69,250	65,290	68,200
Non-Working Wells	41,050	34,840	31,330	21,800
Abu Dhabi				
Working Wells	4,240	3,780	2,980	8,500
Non-Working Wells	2,130	1,160	1,100	1,500
Al Ain				
Working Wells	41,650	39,820	35,460	32,000
Non-Working Wells	22,250	18,760	16,350	11,000
Western Region				
Working Wells	28,980	25,650	26,850	27,700
Non-Working Wells	16,670	14,920	13,880	9,300

Source: Environment Agency - Abu Dhabi

*Estimates

6.2.49. Average Withdrawal of Groundwater by Region

(Million Cubic Metres)

Region	2005	2008	2009	2010
Total*	2,862.1	2,585.6	2,400.0	2,250.9
Abu Dhabi	158.2	122.7	101.3	78.0
Al Ain	1,570.0	1,455.1	1,286.9	1,260.8
Western Region	1,133.9	1,007.7	1,011.7	912.0

Source: Environment Agency - Abu Dhabi

* Figures may not sum up to totals due to rounding

6.2.50. Amount of Groundwater Reserves by Type

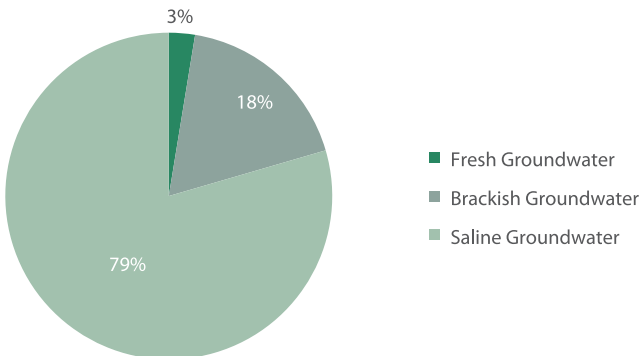
(Million Cubic Metres)

Type	2005	2008	2009	2010
Total	646,750	640,280	638,410	636,620
Fresh Groundwater	16,250	16,380	16,410	16,420
Brackish Groundwater	119,000	115,300	114,800	114,000
Saline Groundwater	511,500	508,600	507,200	506,200

Source: Environment Agency - Abu Dhabi

Figure 6.2.8

Percentage Distribution of Groundwater Reserves by Type, 2010



6.2.51. Total Non-Conventional Water Resources by Type

(Million Cubic Metres)

Type	2005	2008	2009	2010
Total	770.0	897.9	909.6	999.3
Desalinated Water Consumption	667.0	773.8	790.0	873.0
Quantity of Treated Wastewater Reuse	103.0	124.1	119.6	126.3

Source: Statistics Centre - Abu Dhabi

6.2.52. Quantity of Treated Wastewater by Region

(Million Cubic Metres)

Region	2005	2008	2009	2010
Total	148.3	213.8	220.9	246.6
Abu Dhabi	113.9	156.3	165.2	183.0
Al Ain	33.0	50.0	48.1	54.8
Western Region	1.4	7.5	7.6	8.8

Source: Abu Dhabi Sewerage Services Company

6.2.53. Quantity of Treated Wastewater Reused by Region

(Million Cubic Metres)

Region	2005	2008	2009	2010
Total	103.0	124.1	119.6	126.3
Abu Dhabi	69.7	73.3	71.7	65.5
Al Ain	31.9	45.3	40.6	52.0
Western Region	1.4	5.5	7.3	8.8

Source: Abu Dhabi Sewerage Services Company

6.2.54. Total Wastewater Treatment Plant Capacity by Region

(Million Cubic Metres)

Region	2005	2008	2009	2010
Total	135.774	135.774	183.198	511.363
Abu Dhabi	95.872	95.872	130.320	360.260
Al-Ain	29.426	29.426	41.585	139.760
Western Region	10.476	10.476	11.293	11.343

Source: Abu Dhabi Sewerage Services Company

6.2.55. Total Conventional Wastewater Treatment Plants Capacity by Region

(Million Cubic Metres)

Region	2005	2008	2009	2010
Total	134.391	134.391	171.605	488.780
Abu Dhabi	95.872	95.872	124.845	343.830
Al-Ain	29.211	29.211	35.690	133.870
Western Region	9.308	9.308	11.070	11.080

Source: Abu Dhabi Sewerage Services Company

6.2.56. Total Non-Conventional Wastewater Treatment Plants Capacity by Region

(Million Cubic Metres)

Region	2005	2008	2009	2010
Total	1.383	1.383	11.593	22.583
Abu Dhabi	na	na	5.475	16.430
Al-Ain	0.215	0.215	5.895	5.890
Western Region	1.168	1.168	0.223	0.263

Source: Abu Dhabi Sewerage Services Company

6.2.57. Total Consumption of Water in the Irrigation of Agricultural Areas

(Million Cubic Metres)

Item	2007	2008	2009	2010
Groundwater Consumption	2,668.8	2,585.6	2,400.0	2,250.9
Desalinated Water Consumption	25.9	26.5	27.0	32.4
Treated Wastewater Reused	117.3	124.1	119.6	126.3
Total Consumption	2,812.0	2,736.2	2,546.6	2,409.6
Agricultural area (Hectare)	70,374.8	73,151.2	73,795.7	74,767.9
Average water Consumption per Agricultural Hectare (Cubic Meters)	39,957.5	37,404.7	34,508.8	32,227.7
% Reduction of Water Consumption per Agricultural Hectare	na	6.39	7.74	6.61

Source: Statistics Centre - Abu Dhabi, Environment Agency, Abu Dhabi Food Control Authority, Abu Dhabi Sewerage Services Company, Abu Dhabi Water and Electricity Company

Waste

The interest in waste management and treatment increases with the increase of human and economic development. The growth and development of a sector correlates directly with the amount of waste generated from that sector. Consequently, an increasing need for safe and effective waste management system emerges along with waste recycling that contribute economic benefits to society and its economic sectors. Safe disposal of solid waste is one of the challenging issues that societies and developing countries are facing in order to reduce health risks and environmental damages that can result from improper disposal of waste, especially hazardous waste.

Total amount of waste generated in 2010 reached about 9.97 million tons in the Emirate of Abu Dhabi with a rate of 27.3 thousand tons per day. The demolition and construction activity accounts for 74% of total waste generated, whereas the amount of solid municipal waste reached about 834 thousand tons of which 63% was in the Abu Dhabi region.

6.2.58. Waste Generation by Region and Source Activity, 2010

(Tons)

Source	Total	Abu Dhabi	Al Ain	Western Region
Total	9,974,190	8,155,950	1,206,780	611,460
Daily average	27,326.55	22,345.07	3,306.25	1,675.23
Municipal Solid Waste	834,300	525,000	234,300	75,000
Commercial and Industrial Waste	875,400	761,400	82,500	31,500
Agricultural Waste	828,600	250,200	184,800	393,600
Construction and Demolition	7,402,500	6,587,700	703,800	111,000
Hazardous Medical waste*	4,890	3,150	1,380	360
Hazardous Waste	28,500	28,500	0	0

Source: The Centre of Waste Management - Abu Dhabi

* Estimates

Health and Safety

Occupational health and safety is one major area that receives a great deal of attention from the Emirate of Abu Dhabi, and from this sense, statistics give a clearer picture of health and safety within some economic sectors to reduce occupational incidents and take appropriate measures through increasing the awareness in environment, health, and safety management systems.

In 2010, there were 75 cases of fatal occupational incidents and 26 fatal occupational road accidents in the Emirate of Abu Dhabi. There were 1,259 cases of foodborne illnesses and food poisoning caused by consuming foods or drinks contaminated with bacteria and viruses. Typhoid accounted for the largest share of poisoning cases, claiming 335 victim or 26.6% of the total cases of poisoning during the year 2010.

6.2.59. Number of Food Poisoning and Foodborne illnesses by Type

Type	2007	2008	2009	2010
Total	1,051	489	1,114	1,259
Salmonella	128	47	205	90
Other Food Poisoning	215	85	309	471
Typhoid Fever	77	117	133	335
Viral Hepatitis A	211	212	181	193
Giardia Lambia	170	na	36	55
Bacillary Dysentery	71	na	52	51
Bacterial Dysentery	na	na	123	na
Paratyphoid Fever	5	12	30	12
Brucellosis	69	na	45	52
Other	105	16	na	na

Source: Health Authority - Abu Dhabi

6.2.60. Number of Injury Deaths

Injury Category	2007	2008	2009	2010
Total	527	498	538	451
Road Traffic Injury (RTI)	427	422	430	350
Occupational Injury	66	68	82	75
Occupational RTI	34	8	26	26

Source: Health Authority - Abu Dhabi

6.2.61. Number of Occupational Health and Safety Incidents - Oil and Gas Sector

Item	2005	2008	2009	2010
Fatality Incidents	6	4	7	4
Fatality Non Recordable	na	9	7	11
Disability Incident	0	2	1	0
Lost Time Injury Incidents	53	68	75	66
Medical Treatment Case	123	114	93	144
Restricted Workday Case	41	48	44	58
Serious Near Miss	na	na	164	131
Journey Incident	na	na	na	na
Reporting Dangerous Occurrence	na	na	na	na
Occurrence of Occupational Disease	na	na	na	na
Road Traffic Incidents	171	169	135	177
Other (near miss)	na	na	24,255	30,055

Source: Abu Dhabi National Oil Company - ADNOC

6.2.62. Rate of Injuries and Incidents Registered Per Million Man-Hours Worked - Oil and Gas Sector

Item	2005	2008	2009	2010
Number of Working Hours (Million Hours)	171.00	298.00	313.00	355.00
Lost Time Injury Frequency Rate (LTIFR)	0.31	0.23	0.24	0.19
Lost Time Injury Severity Rate (LTISR)	na	na	na	na
Total Reportable Case Frequency (TRCF)	1.27	0.79	0.68	0.76
Fatal Accident Rate (FAR)	3.50	1.34	2.23	1.13

Source: Abu Dhabi National Oil Company - ADNOC

6.2.63. Number Occupational Health and Safety Incidents - Water and Electricity Production Sector

Item	2005	2008	2009	2010
Fatality Incidents	1	3	3	6
Fatality Non Recordable	0	0	0	0
Disability Incident	0	0	0	1
Lost Time Injury Incidents	9	27	19	22
Medical Treatment Case	5	290	531	472
Restricted Workday Case	0	3	4	1
Serious Near Miss	4	66	72	51
Journey Incident	0	0	3	0
Reporting Dangerous Occurrence	0	6	9	4
Occurrence of Occupational Disease	0	0	0	0
Road Traffic Incidents	44	15	8	3
Other (near miss)	43	948	1,423	545

Source: Abu Dhabi Water and Electricity Authority - ADWEA

6.2.64. Rate of Injuries and Incidents Registered Per Million Man-Hours Worked - Water and Electricity Production Sector

Item	2005	2008	2009	2010
Number of Working Hours (Million Hours)	9.85	36.85	50.57	42.13
Lost Time Injury Frequency Rate (LTIFR)	0.91	0.73	0.38	0.52
Lost Time Injury Severity Rate (LTISR)	2.10	6.10	4.70	17.10
Total Reportable Case Frequency (TRCF)*	0.10	8.00	10.60	11.30

Source: Abu Dhabi Water and Electricity Authority - ADWEA

*Includes Fatal Accident Rate (FAR)

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% 30%
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7 0

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