



مركز الإحصاء - أبوظبي  
STATISTICS CENTRE - ABU DHABI

Demographic Statistics

# DEATHS 2011

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## Introduction

This report presents statistics on deaths in Abu Dhabi Emirate in 2011. Statistics of deaths in the years 2002, 2006 and 2010 are included to show trends in mortality. It contains numbers of deaths, age specific mortality rates and child mortality. It also covers life expectancy and survival Indicators.

The first section provides a brief summary of the key statistics supported by figures to highlight trends, regional variation and seasonal patterns.

The second section provides detailed statistical tables for readers who wish to analyze the data more closely.

The main source for these statistics is the Health Authority - Abu Dhabi (HAAD). SCAD acknowledges the productive partnership with HAAD which aims to continually improve the coverage and quality of death statistics.

The Explanatory Notes section at the end of this report provides an explanation of the key terms and technical concepts used for mortality and life expectancy. Readers are encouraged to refer to that section in conjunction with reading the statistics and information outlined in the report.

## Key Indicators, Abu Dhabi Emirate, 2011

### Deaths

Total	*2,902
Citizens	861
Non-citizens	1,953

\*Including 10 cases with "Not Stated" citizenship, gender or region and there are 78 citizens who died outside UAE and were registered by HAAD

### Crude Death Rate (per 1000 population)

Total	1.4
Citizens	2.1
Non-citizens	1.2

### Infant Mortality Rate – Below 1 Year (per 1000 live births)

Total	6.3
Citizens	5.7
Non-citizens	6.7

### Child Mortality Rate – Under 5 Years (per 1000 live births)

Total	8.5
Citizens	8.1
Non-citizens	8.9

### Life Expectancy at Birth (years)

Total	77.6
Citizens	76.5
Non-citizens	78.2

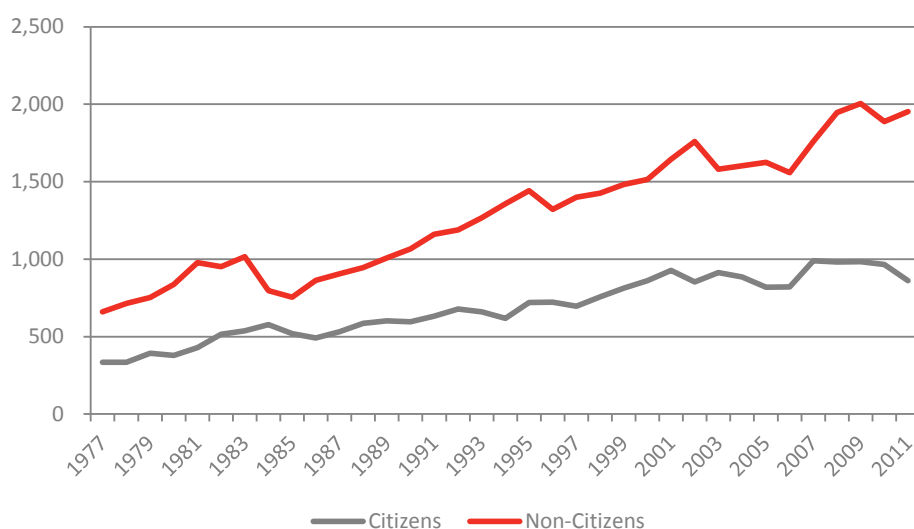
## Key Points

- There were 2,902 deaths in Abu Dhabi Emirate in 2011, compared with 2,612 in 2002, representing a rise of 11.1% in nine years.
- The Crude Death Rate (CDR) decreased to 1.4 deaths (per 1000 population) in 2011, while it was 2.2 deaths (per 1000 population) in 2002.
- In 2011, the life expectancy at birth was 77.6 years for the whole Emirate, 77.1 years for males and 78.2 years for females.
- According to life tables of 2011, female citizens are expected to live two years more than the male citizens; In addition, Al Ain residents will live one year longer than Abu Dhabi Residents.

## Deaths trends

Administrative records show a rise in deaths in Abu Dhabi Emirate. The number of deaths in 1977 totaled 995. It increased significantly in the period to 2011 reaching 2,902 deaths, representing an increase of 2.9 times during this period.

**Figure 1: Deaths by Citizenship, Abu Dhabi Emirate, 1977-2011**



Source: Ministry of Health (1977-2005), Health Authority – Abu Dhabi (2006-2011)

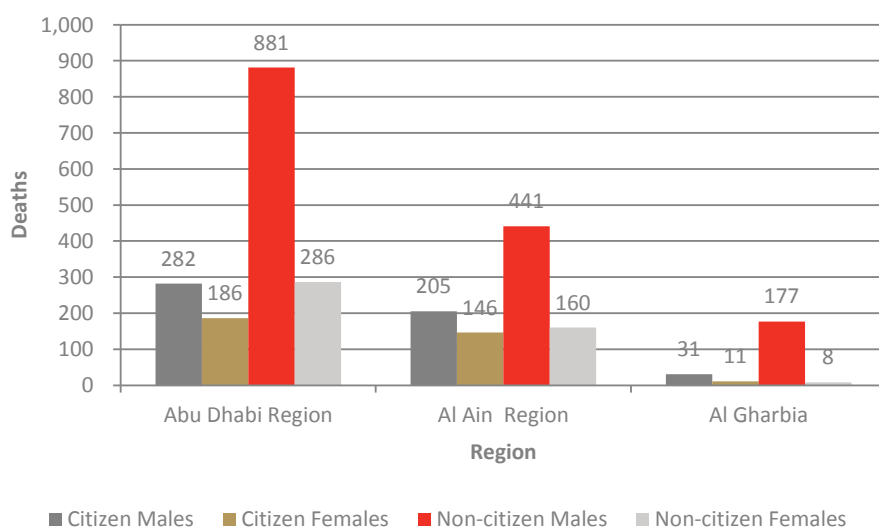
## Deaths

The administrative records indicate that 2,902 deaths occurred in 2011. It varies between regions. Abu Dhabi Region had the highest number with 1,635 deaths; Al Ain region had 952 deaths, whereas Al Gharbia recorded the lowest number of deaths with 227.

Classifying deaths by gender, the number of deaths was 2.5 times higher for men than for women, partly reflecting the higher proportion of males in the total population and partly higher mortality among males. In Abu Dhabi Region there were 1,163 male deaths (71%) and 472 female deaths (29%) and in Al Gharbia 10.9 times more male deaths with 208 (92%) men and 19 (8%) women. This big difference between the genders in Al Gharbia results from the gender composition of the people living there.

When deaths are categorized by citizenship, it is observed that incidents among citizens account for about one third (31%) of the total number of deaths, which is partly a reflection of the proportion of citizens in the population (21%), and partly an expression of non-citizens returning to their home country after retirement. Abu Dhabi Region had most deaths with 282 and 186 for citizen males and females, respectively, and 881 and 286 for non-citizens males and females, respectively. The lowest numbers are in Al Gharbia with 31 and 11 for citizen males and females, respectively, and 177 and 8 for non-citizen males and females, respectively.

**Figure 2: Deaths by Citizenship, Gender and Region, Abu Dhabi Emirate, 2011**

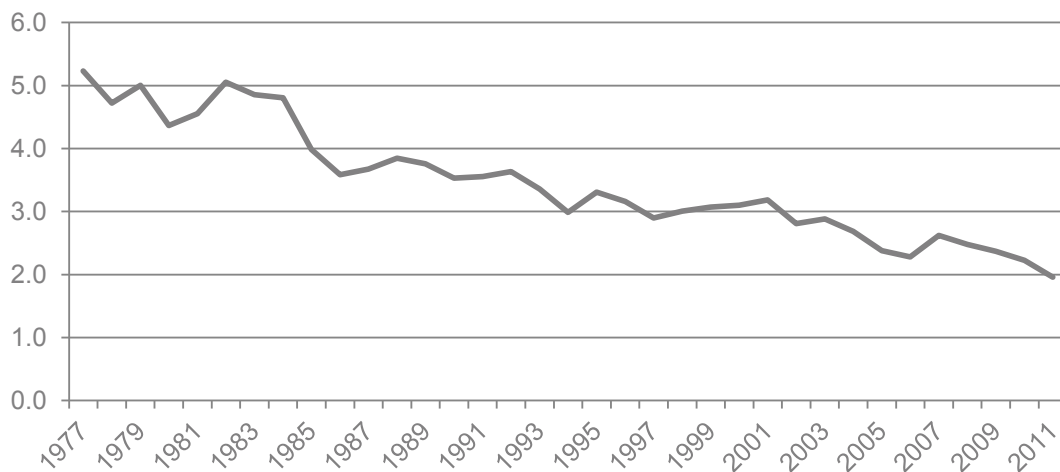


Source: Statistics Centre – Abu Dhabi

## Crude Death Rate

Generally, mortality rates for citizens have decreased. In 2002 the CDR was 2.8 deaths per 1000 persons. It decreased to 2.3 and 2.2 in 2006 and 2010 respectively. The CDR dropped further to 2.1 in 2011, which is a reduction by 25% from 2002 to 2011.

**Figure 3: Crude Death Rate for Citizens (per 1000 population), Abu Dhabi Emirate, 1977-2011**



Source: Statistics Centre – Abu Dhabi

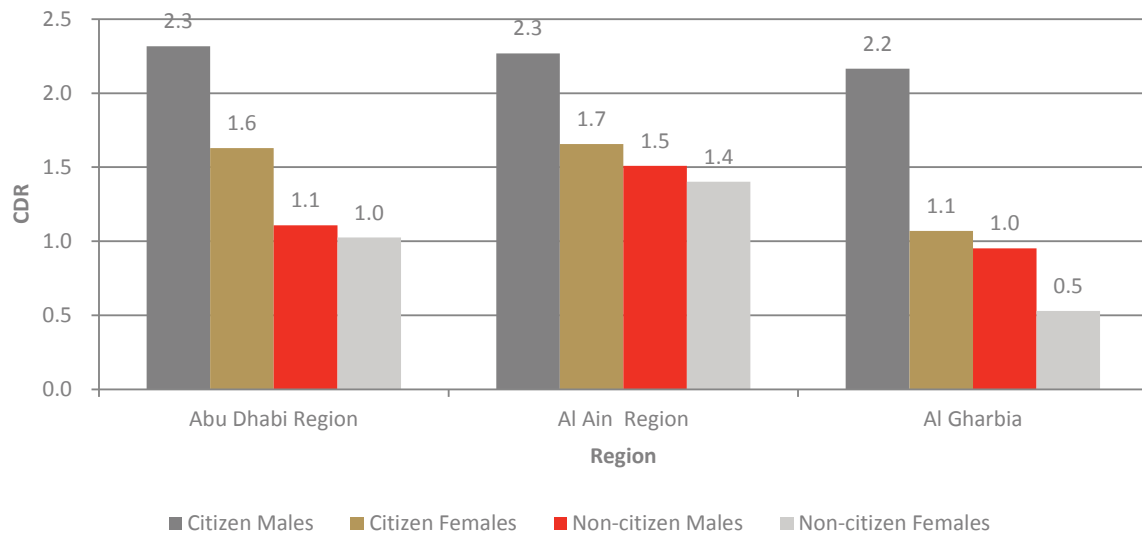
For non-citizens, the CDR decreased from 2002, when it was 1.9 death incidents per 1000 persons, to 1.2 death incidents per 1000 in 2011, a 37% decrease between 2002 and 2011, indicating health improvements for both citizens and non-citizens in Abu Dhabi Emirate.

In 2011, the CDR was 1.4 for the whole Emirate. It was 1.6 in Al Ain Region, with 1.7 for males and 1.5 for females. This is higher than Abu Dhabi Region where the total rate was 1.3, comprising 1.3 and 1.2 for males and females, respectively.

By comparing the rates by citizenship and region, it is found that CDR among citizens was 2.1, with 2.0 for both Abu Dhabi Region and Al Ain Region. The CDR for non-citizens was 1.2, with 1.1 in Abu Dhabi Region and 1.5 in Al Ain Region.



**Figure 4: Crude Death Rate (per 1000 population) by Citizenship, Gender and Region, Abu Dhabi Emirate, 2011**

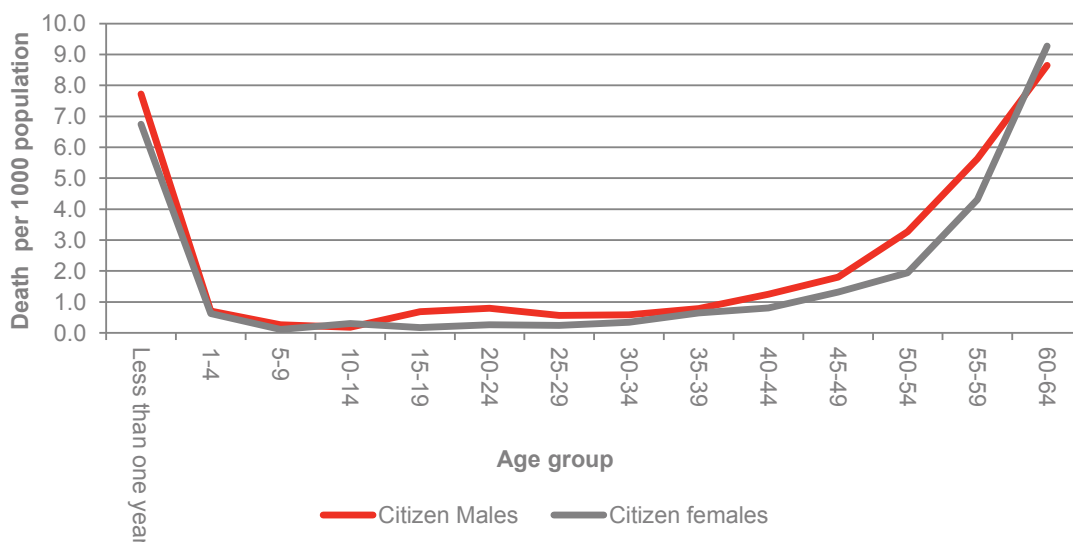


Source: Statistics Centre – Abu Dhabi

### Age Specific Death Rates (ASDR) by gender

Death rates by age and gender are important rates giving more precise information to separately analyse the mortality level of males and females of each age group. In 2011, the death rates by age and gender for citizens are higher among males than females in all age categories except for the age groups 10-14 years and 60-64 years and above 80 years old. Death rates for citizen children younger than 1 year are higher for males (7.7 per 1000) than females (6.7). There is a large decrease in the rates for both genders in the age category of 1 to 4 years, with 0.7 per 1000 for males and 0.6 for females. Starting from this category, the rates gradually decreased for both genders. Then in the age 15-34 years it is observed that there is a significant difference between the death rates among citizen males and females. The death rates for citizen males ranged between 0.6 and 0.8 which is higher than the females which range between 0.2 and 0.3. Thereafter, the ASDR experienced a gradual and continuing increase for both males and females.

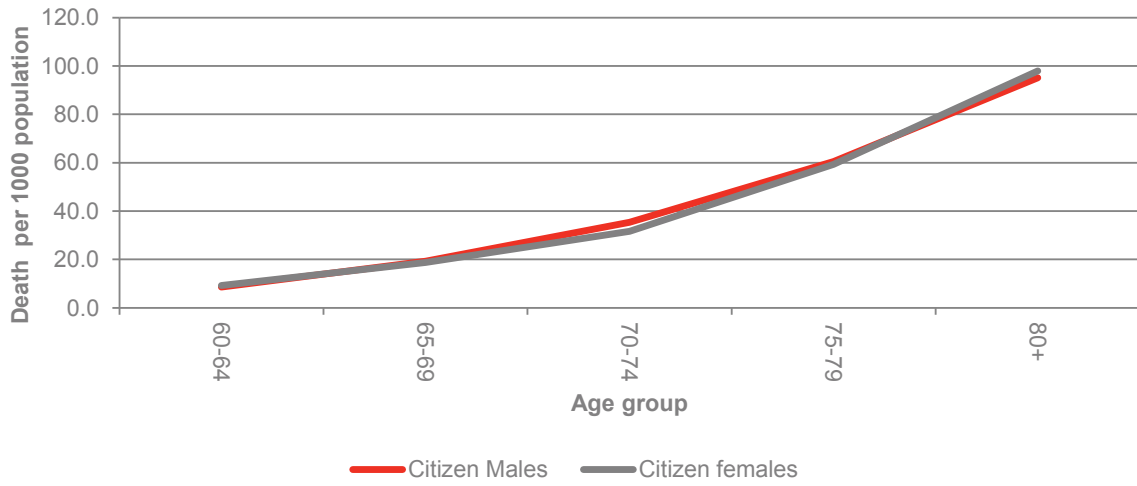
**Figure 5: Age Specific Deaths Rate for Citizens (per 1000 population) by Age Group (up to 64 years) and Gender, Abu Dhabi Emirate, 2011**



Source: Statistics Centre – Abu Dhabi

From age 50-54 ASDR<sub>s</sub> for citizens grow rapidly from 3.0 to 8.9 at 60-64, 19.1 at 65-69 and 60.0 at 75-79.

**Figure 6: Age Specific Death Rate for Citizens (per 1000 population) by Age Group (60 years and over) and Gender, Abu Dhabi Emirate, 2011**



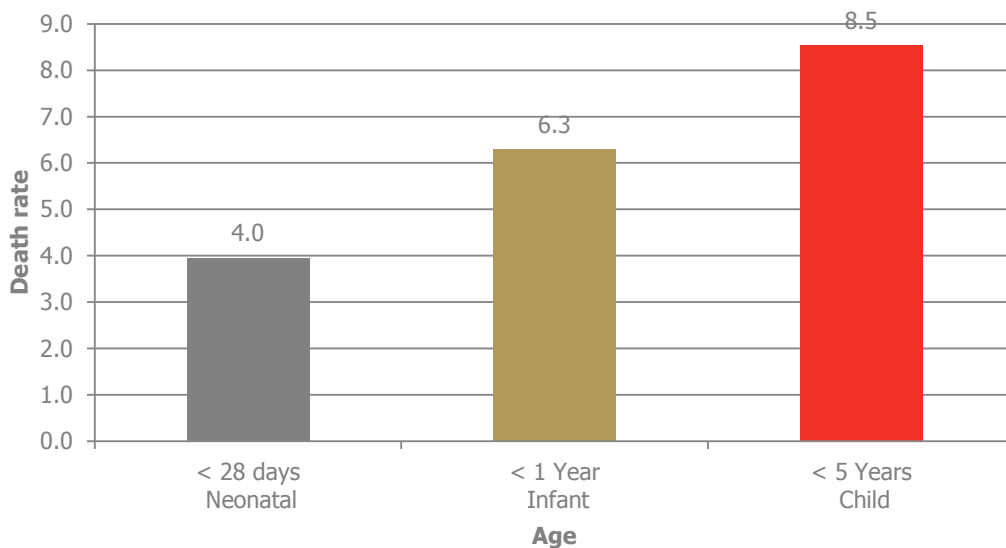
Source: Statistics Centre – Abu Dhabi

## Child Mortality

Child Mortality forms a considerable share of all deaths, especially among the infants less than one year of age. This part provides information on neonatal, infant and under-five mortality. These mortality rates are relevant to a demographic assessment of the population and are an important measure of the Emirate's level of quality of life. They can also be used for monitoring and evaluating population and health programs.

The problems facing infant mortality statistics are to be addressed as the registration of infant deaths is not complete; a case might not be registered in the same domicile as their usual residence, which provides a source of error when comparing this data upon registration to population by place of usual residence. In general, the population is too small to produce accurate indicators. In 2011, child mortality dropped to 8.5 deaths of children less than 5 years per 1000 live births. Neonatal and Infant Mortality was 4.0 and 6.3 respectively. In-depth analysis is in the next sections.

**Figure 7: Child Mortality rates (per 1000 live births) Abu Dhabi – 2011**

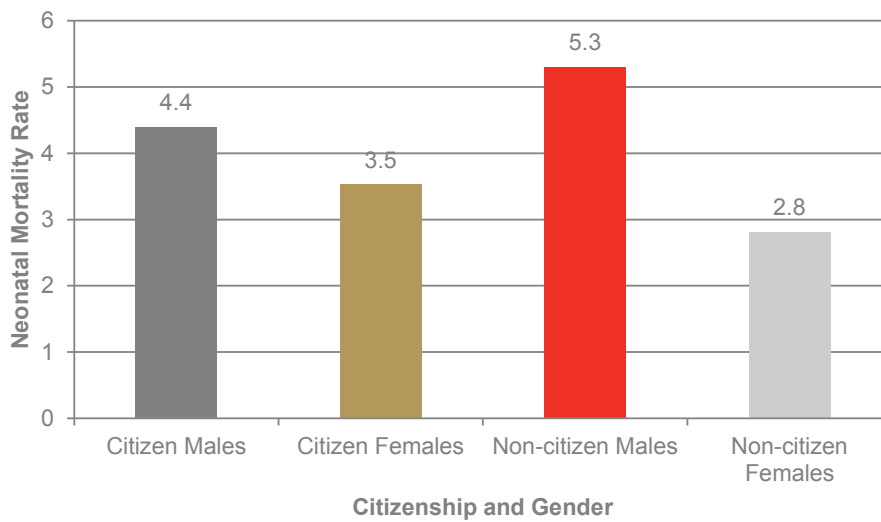


Source: Statistics Centre – Abu Dhabi

## Neonatal Mortality Rates

New-born infant death rates (below 1 month) indicate 4.0, 4.1 and 4.0 deaths per 1000 live-born for citizens, non-citizen and the whole Emirate respectively, with 4.4 for males and 3.5 for females in Abu Dhabi Emirate. As for distribution by region, the Abu Dhabi Region had 5.2 deaths per 1000 live-born with 6.0 for males and 4.4 for females while Al Ain Region has 2.0 deaths per 1000 live-born with 3.0 and 1.1 for males and females respectively. Al Gharbia has 3.7 deaths per 1000 live-born with 5.4 and 1.9 for males and females respectively.

**Figure 8: Neonatal Mortality rates (below one month) by Citizenship and Gender, Abu Dhabi - 2011**



Source: Statistics Centre – Abu Dhabi

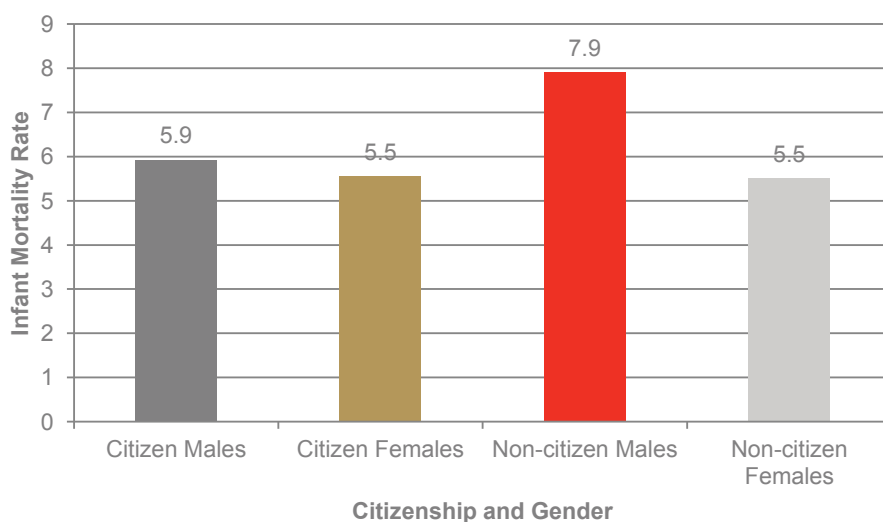
## Infant Mortality Rates

The Infant Mortality Rate (below 1 year) was 6.3 per 1000 live-born in 2011. Males were 7.0 and females 5.5 per 1000 live-born. Comparing these rates by region, Abu Dhabi Region was 9.0 and 7.1 for males and females respectively and Al Ain Region was 3.8 and 3.2 for males and females respectively, while Al Gharbia was 5.4 and 3.8 for males and females respectively.

Rates for citizens show 5.7 infant death cases per 1000 live-born, with 5.9 and 5.5 for males and females respectively for the Emirate. Abu Dhabi Region showed 9.0 and 8.0 for citizen males and females respectively, Al Ain Region was 1.9 and 2.9 for citizen males and females respectively while Al Gharbia was 11.9 and 4.2 for citizen males and females respectively.

Rates for non-citizens show 6.7 infant deaths per 1000 live-born for the whole Emirate, with infant mortality rates of 7.8, 4.9 and 1.7 for Abu Dhabi Region, Al Ain Region and Al Gharbia respectively.

**Figure 9: Infant Mortality Rate (under 1 year) by Citizenship and Gender, Abu Dhabi Emirate, 2011**

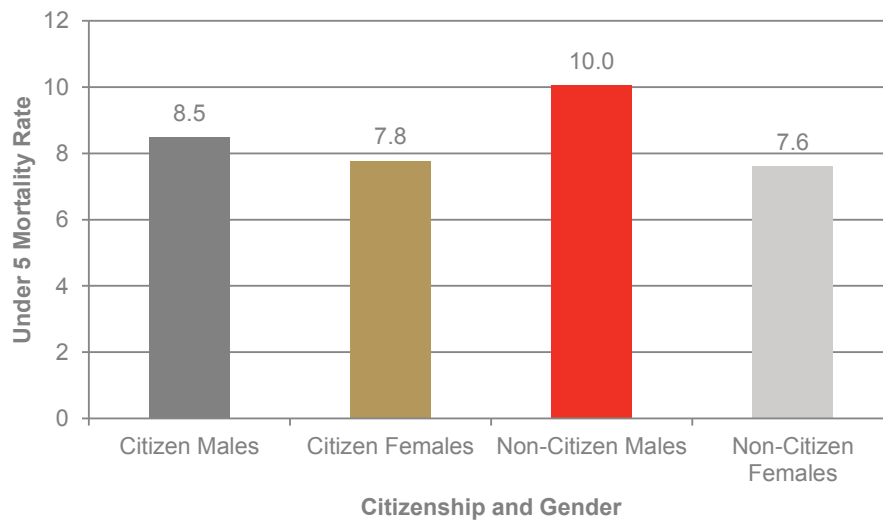


Source: Statistics Centre – Abu Dhabi

## Under-5 years Mortality Rates

The mortality rate for children under the age of five years is one of the most important indicators measuring healthcare and welfare improvement all over the world. Reducing under-five-year old under-5 mortality to two thirds between 1990 and 2015 is an indicator of development sought by countries in cooperation with the United Nations. Among total Abu Dhabi Emirate show 8.5 child deaths per 1000 live-born, with 9.3 per 1000 males live-born and 7.7 per 1000 female live-born. As for their distribution by region, under-5 Mortality Rate of Abu Dhabi Region was 11.8 for males and 9.2 for females and for Al Ain Region under-5 Mortality Rate was 5.2 for males and 5.7 for females.

**Figure 10: Under-5 years Mortality Rates by Citizenship, Gender, Abu Dhabi Emirate 2011**



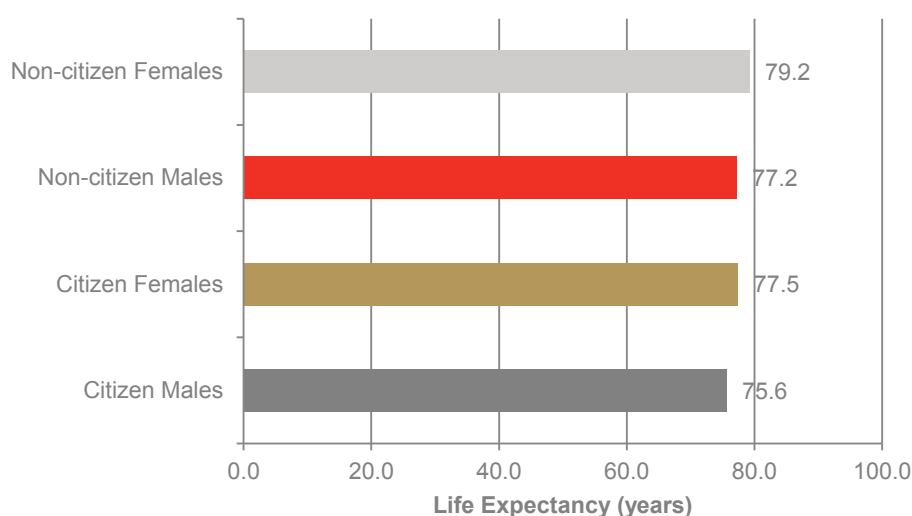
Source: Statistics Centre – Abu Dhabi

## Life expectancy and survival

Life expectancy at birth varies by citizenship, gender and region. In 2011, the life expectancy at birth was 77.6 years for the whole Emirate, 77.1 years for males and 78.2 years for females, and by region it was 77.5 years for Abu Dhabi Region and 77.9 years for Al Ain Region and 79.5 years for Al Gharbia.

Life expectancy for all citizens is 76.5 years with 75.6 years for males and 77.5 years for females, which indicate that the female citizens are expected to live two years more than the male citizens. The life expectancy by region for males was 77.1 years and 76.7 years in Abu Dhabi Region and Al Ain Region, respectively, and for females 77.8 years and 79.2 years respectively, which indicate that Al Ain residents will live one year longer than Abu Dhabi Residents.

**Figure 11: Life Expectancy at Birth by Citizenship and Gender, Abu Dhabi Emirate, 2011**



Source: Statistics Centre – Abu Dhabi

The births surviving till the age of 65 years in the Emirate of Abu Dhabi reached 88.6 in 2011, with a lower percentage among citizen males than citizen females; 82.8 and 89.2 respectively. The percentage of births surviving till the age of 65 years among citizens and non-citizens was converging with 85.9 and 89.3 respectively. Values for the same year for Abu Dhabi Region, Al Ain Regions and Al Gharbia were 90.0, 85.3 and 88.8 respectively.

In 2011, the percentage of individuals aged 15 years expected to live to 60 years in the Emirate of Abu Dhabi was 93.8, where citizens accounted for 91.7, while the percentage was higher for the non-citizens with 94.3. It was lower among males than females with 92.6 for males and 95.1 for females. Of this percentage, the values of the same year for Abu Dhabi Region, Al Ain regions and Al Gharbia were 94.5, 92.1 and 93.2 respectively.



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**Table 1: Deaths by Citizenship, Gender and Region, Abu Dhabi Emirate, 2011 \***

Citizenship / Gender	Total	Abu Dhabi	Al Ain	Al Gharbia
<b>Grand Total</b>	<b>2,814</b>	<b>1,635</b>	<b>952</b>	<b>227</b>
Males	2,017	1,163	646	208
Females	797	472	306	19
<b>Citizens</b>	<b>861</b>	<b>468</b>	<b>351</b>	<b>42</b>
Males	518	282	205	31
Females	343	186	146	11
<b>Non-citizens</b>	<b>1,953</b>	<b>1,167</b>	<b>601</b>	<b>185</b>
Males	1,499	881	441	177
Females	454	286	160	8

Source: Health Authority - Abu Dhabi

\*Excluding 10 cases with Not Stated Citizenship, Gender or Region and 78 citizens cases who died out side UAE and registered by HAAD

**Table 2: Crude Death Rate (per 1000 population) by Citizenship and Gender, Abu Dhabi Emirate, 2002, 2006, 2010 and 2011 \***

Citizenship / Gender	2002	2006	2010	2011
<b>Grand Total</b>	<b>2.2</b>	<b>1.6</b>	<b>1.5</b>	<b>1.4</b>
Males	2.4	1.7	1.5	1.4
Females	1.8	1.4	1.4	1.3
<b>Citizens</b>	<b>2.8</b>	<b>2.3</b>	<b>2.2</b>	<b>2.1</b>
Males	3.4	2.8	2.6	2.5
Females	2.2	1.7	1.8	1.7
<b>Non-citizens</b>	<b>1.9</b>	<b>1.4</b>	<b>1.2</b>	<b>1.2</b>
Males	2.1	1.5	1.3	1.2
Females	1.5	1.2	1.1	1.1

Source: Statistics Centre - Abu Dhabi

\*Excluding 4 cases with Not Stated Citizenship or Gender in 2011 and 26 cases in 2010

**Table 3: Crude Death Rate (per 1000 population) by Citizenship, Gender and Region, Abu Dhabi Emirate, 2011 \***

Citizenship / Gender	Total	Abu Dhabi	Al Ain	Al Gharbia
<b>Grand Total</b>	<b>1.4</b>	<b>1.3</b>	<b>1.6</b>	<b>1.0</b>
Males	1.4	1.3	1.7	1.0
Females	1.3	1.2	1.5	0.7
<b>Citizens</b>	<b>2.1</b>	<b>2.0</b>	<b>2.0</b>	<b>1.7</b>
Males	2.5	2.3	2.3	2.2
Females	1.7	1.6	1.7	1.1
<b>Non-citizens</b>	<b>1.2</b>	<b>1.1</b>	<b>1.5</b>	<b>0.9</b>
Males	1.2	1.1	1.5	1.0
Females	1.1	1.0	1.4	0.5

Source: Statistics Centre - Abu Dhabi

\* There were 78 citizens who died out UAE

**Table 4: Age Specific Death Rate (per 1000 population) by Citizenship and Gender, Abu Dhabi Emirate, 2011\***

Age Group	Citizenship and Gender								
	Citizens			Non-citizens			Total		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
<b>Total</b>	<b>1.4</b>	<b>1.3</b>	<b>1.4</b>	<b>2.5</b>	<b>1.7</b>	<b>2.1</b>	<b>1.2</b>	<b>1.1</b>	<b>1.2</b>
Less than one year	7.7	6.7	7.3	6.7	7.0	6.8	8.4	6.6	7.6
1-4	0.7	0.6	0.7	0.8	0.6	0.7	0.6	0.6	0.6
5-9	0.3	0.1	0.2	0.4	0.1	0.2	0.2	0.2	0.2
10-14	0.2	0.3	0.2	0.3	0.2	0.3	0.1	0.4	0.2
15-19	0.7	0.2	0.4	1.1	0.1	0.6	0.3	0.2	0.3
20-24	0.8	0.3	0.6	1.6	0.3	1.0	0.7	0.2	0.6
25-29	0.6	0.2	0.5	0.7	0.2	0.5	0.6	0.2	0.5
30-34	0.6	0.3	0.5	0.6	0.3	0.5	0.6	0.4	0.5
35-39	0.8	0.6	0.8	1.2	0.8	1.0	0.8	0.6	0.7
40-44	1.2	0.8	1.1	2.2	1.1	1.7	1.2	0.7	1.1
45-49	1.8	1.3	1.7	3.0	1.3	2.2	1.7	1.3	1.6
50-54	3.3	1.9	3.0	4.8	1.8	3.3	3.1	2.0	2.9
55-59	5.6	4.3	5.3	7.6	5.5	6.5	5.4	3.7	5.1
60-64	8.6	9.3	8.9	12.2	9.2	10.8	7.6	9.3	8.1
65-69	19.3	18.7	19.1	22.6	17.7	20.5	17.3	19.7	18.1
70-74	35.4	31.7	33.8	34.4	28.6	31.8	36.8	36.0	36.5
75-79	60.5	59.4	60.0	59.1	65.5	61.9	62.8	52.0	57.3
80+	95.1	98.0	97.0	90.9	99.2	95.3	106.5	95.2	99.0

Source: Statistics Centre - Abu Dhabi

\*Excluding 10 cases with Not Stated Citizenship, Gender or Region

**Table 5: Neonatal Mortality Rate (under 1 month) (per 1000 live births) by Citizenship, Gender and Region, 2011**

Citizenship / Gender	Total	Abu Dhabi	Al Ain	Al Gharbia
<b>Grand Total</b>	<b>4.0</b>	<b>5.2</b>	<b>2.0</b>	<b>3.7</b>
Males	4.9	6.0	3.0	5.4
Females	3.1	4.4	1.1	1.9
<b>Citizens</b>	<b>4.0</b>	<b>5.9</b>	<b>1.3</b>	<b>8.2</b>
Males	4.4	6.5	1.3	11.9
Females	3.5	5.3	1.3	4.2
<b>Non-citizens</b>	<b>4.1</b>	<b>4.8</b>	<b>2.9</b>	<b>n.a</b>
Males	5.3	5.7	5.0	n.a
Females	2.8	3.9	0.8	n.a

Source: Statistics Centre - Abu Dhabi

\*Data Collection for Death Change 2011,HAAD

\*Excluding one case with not stated citizenship or gender

**Table 6: Infant Mortality Rate (under 1 year) (per 1000 live births) by Citizenship, Gender and Region, Abu Dhabi Emirate, 2011 \***

Citizenship / Gender	Total	Abu Dhabi	Al Ain	Al Gharbia
<b>Grand Total</b>	<b>6.3</b>	<b>8.1</b>	<b>3.5</b>	<b>4.6</b>
Males	7.0	9.0	3.8	5.4
Females	5.5	7.1	3.2	3.8
<b>Citizens</b>	<b>5.7</b>	<b>8.5</b>	<b>2.4</b>	<b>8.2</b>
Males	5.9	9.0	1.9	11.9
Females	5.5	8.0	2.9	4.2
<b>Non-citizen</b>	<b>6.7</b>	<b>7.8</b>	<b>4.9</b>	<b>1.7</b>
Males	7.9	9.1	6.2	n.a
Females	5.5	6.5	3.6	3.4

Source: Statistics Centre - Abu Dhabi

\*Data Collection for Death Change 2011,HAAD

\*Excluding one case with not stated citizenship or gender

**Table 7: Under-5 years Mortality Rates(per 1000 live births) by Citizenship, Gender and Region, Abu Dhabi Emirate, 2011 \***

Citizenship / Gender	Total	Abu Dhabi	Al Ain	Al Gharbia
<b>Grand Total</b>	<b>8.5</b>	<b>10.5</b>	<b>5.4</b>	<b>7.3</b>
Males	9.3	11.8	5.2	10.8
Females	7.7	9.2	5.7	3.8
<b>Citizens</b>	<b>8.1</b>	<b>11.4</b>	<b>4.0</b>	<b>14.3</b>
Males	8.5	12.4	2.9	23.8
Females	7.8	10.4	5.2	4.2
<b>Non-citizens</b>	<b>8.9</b>	<b>9.9</b>	<b>7.2</b>	<b>1.7</b>
Males	10.0	11.4	8.1	0.0
Females	7.6	8.4	6.3	3.4

Source: Statistics Centre - Abu Dhabi

\*Excluding 1 case with Not Stated Citizenship or Gender

Data Collection for Death Change 2011,HAAD

**Table 8: Life Expectancy at Birth (years) by Citizenship, Region and Gender, Abu Dhabi Emirate, 2011**

Citizenship / Region	Total	Males	Females
<b>Total</b>	<b>77.6</b>	<b>77.1</b>	<b>78.2</b>
Citizens	76.5	75.6	77.5
Non-citizens	78.2	77.2	79.2
Abu Dhabi Region	77.5	77.1	77.8
Al Ain Region	78.2	77.2	79.2
Al Gharbia	79.5	n.a	n.a

Source: Statistics Centre - Abu Dhabi

**Table 9: Percentage of Births Surviving to Age 65 Years by Citizenship, Gender and Region, Abu Dhabi Emirate, 2011**

Citizenship / Region	Total	Males	Females
<b>Total</b>	<b>88.6</b>	<b>87.6</b>	<b>89.8</b>
Citizens	85.9	82.8	89.2
Non-citizens	89.3	88.5	90.0
Abu Dhabi Region	90.0	88.4	91.6
Al Ain Region	84.9	83.9	86.0
Al Gharbia	88.8	n.a	n.a

Source: Statistics Centre - Abu Dhabi

**Table 10: Percentage of Individuals Aged 15 who will Survive to Age 60 Years by Citizenship, Gender and Region, Abu Dhabi Emirate, 2011**

Citizenship / Region	Total	Males	Females
<b>Total</b>	<b>93.8</b>	<b>92.6</b>	<b>95.1</b>
Citizens	<b>91.7</b>	89.2	94.4
Non-citizens	<b>94.3</b>	93.1	95.4
Abu Dhabi Region	<b>94.5</b>	93.2	96.0
Al Ain Region	<b>90.9</b>	88.5	93.5
Al Gharbia	<b>93.2</b>	n.a	n.a

Source: Statistics Centre - Abu Dhabi

**Table 11: Population Estimates by region, citizenships and gender, Abu Dhabi Emirate - mid-2011 \***

Citizenship / Gender	Total	Abu Dhabi Region	Al Ain Region	Al Gharbia
<b>Grand Total</b>	<b>2,120,700</b>	<b>1,310,300</b>	<b>584,800</b>	<b>225,700</b>
Males	1,499,800	917,100	382,500	200,300
Females	620,900	393,200	202,300	25,400
<b>Citizens</b>	<b>439,100</b>	<b>236,000</b>	<b>178,500</b>	<b>24,600</b>
Males	226,500	121,700	90,400	14,300
Females	212,600	114,200	88,100	10,300
<b>Non-Citizens</b>	<b>1,681,600</b>	<b>1,074,300</b>	<b>406,300</b>	<b>201,100</b>
Males	1,273,400	795,300	292,100	185,900
Females	408,300	279,000	114,200	15,100

Source: Statistics Centre - Abu Dhabi

All numbers are rounded to the nearest 100 persons .Therefore, numbers may not add to totals\*

## Explanatory Notes

### Glossary

This report contains certain terms specific to deaths and mortality. They include the following terms:

#### **Age Specific Death Rate (ASDR)**

The number of death incidents of an age group taking place within a period of time (usually one calendar year) per 1000 population of the same age category as at the middle of that period.

$$\frac{\text{Number of death incidents in specific age}}{\text{Total population in mid year of the specific age}} * 1000$$

#### **Crude death rate**

The number of death incidents taking place within a period of time (usually one calendar year) per 1000 population as at the middle of that period.

$$\frac{\text{Number of death incidents}}{\text{Total population in mid year}} * 1000$$

#### **Death**

The death incident is “the state of permanent stop of all aspects of life of an individual at any time after birth including psychosis, cardiac arrest, respiratory arrest, response arrest”. This definition is related to the live-birth and excludes the category of the stillbirth and all other cases of foetus loss, i.e. spontaneous abortion and induced abortion.

#### **Infant mortality rate**

The number of death incidents per 1000 live-births within a certain year before completing the first year of life.

$$\frac{\text{Number of death incidents before completing the first year of life}}{\text{Number of live births}} * 1000$$

**Neonatal mortality rate (less than one month)**

The number of deaths within a year of infants whose age is 28 days or less per 1000 live-births within the same year.

$$\frac{\text{Number of death incidents of infants whose age is 28 days or less}}{\text{Number of live births}} * 1000$$

**The life expectancy at birth**

The life expectancy at birth is defined as the average number of years to be lived by a new born baby if he/she experiences throughout his/her life the set of age-specific mortality rates observed in a certain time period.

**Under 5 Years mortality rate (Under-five) (per 1000 live-born)**

The number of death incidents of children under the age of five within a certain year per 1000 live-births within the same year.

$$\frac{\text{Number of death incidents of children under the age of five}}{\text{Number of live births}} * 1000$$



### **Data sources**

Data are obtained from HAAD. The data are processed and passed to Statistics Centre – Abu Dhabi for further editing and compilation.

### **Technical notes**

Base Population: Population for Abu Dhabi Emirate and its regions are based on mid-year preliminary population estimates.

Occurrences and registrations: Deaths were recorded at place of registration, rather than the location of the deceased's usual residence, resulting in those deaths occurring in locations outside the region (such as major hospital locations) being recorded in a different region to the population to which they belong.

HAAD improved the data collection method by conducting a new notification process system that lead to a significant deference in 2011 comparing to previous years. This system was tested in mid-2010.

### **Abbreviations used**

ASDR	Age Specific Death Rate
CDR	Crude Death Rate
HAAD	Health Authority – Abu Dhabi
SCAD	Statistics Centre – Abu Dhabi
n.a	not available

### **Notes on tables**

Changes (levels and per cent) in all tables are based on unrounded numbers.

Totals in some tables may not add up due to rounding.

Data for 2011 was updated by HAAD in June 2012

### **More information and next release**

For more information about Deaths, Life Table and other official statistics, please visit the statistics link on the SCAD website at <http://www.scad.ae>

The next release is expected in November 2013.

