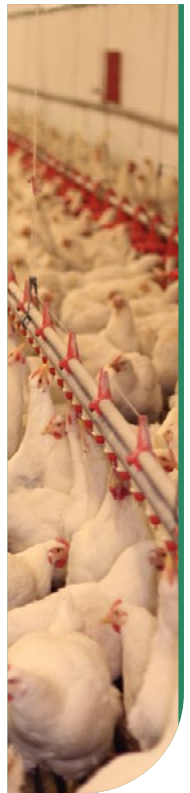
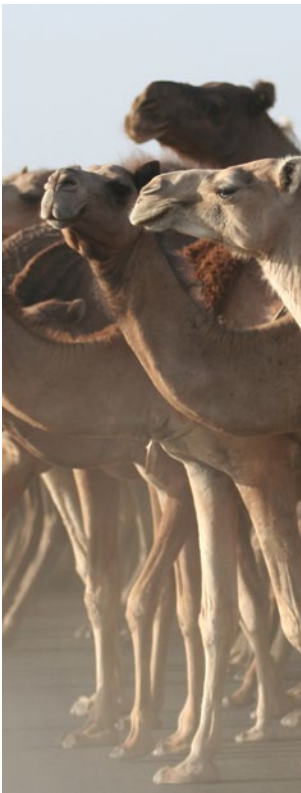




مركز الإحصاء - أبوظبي  
STATISTICS CENTRE - ABU DHABI



# Livestock Statistics 2011

Issued in September 2012

## Forward

Statistics Centre – Abu Dhabi (SCAD) is pleased to provide decision and policy makers, businessmen, researchers, and all those concerned with agricultural statistics and indicators; with the second edition of the Annual Livestock Bulletin, which sheds light on and accurately monitors indicators and evidences of the comprehensive agricultural development in Abu Dhabi during 2011, under the wise leadership of H.H. Sheikh Khalifa Bin Zayed Al Nahyan – President of the UAE and Ruler of Abu Dhabi; in addition to the unlimited support of H.H. 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 Abu Dhabi.

The report tackles in detail all aspects of the livestock, whose importance stems from the fact that it consists of a large array of analytical statistics and indicators that assist in pursuing the directives of this sector; in addition to studying them in-depth and analyzing their effect to forecast the future, and develop integrated policies and strategies; in fulfillment of sustainable development of the agricultural sector that corresponds to the Abu Dhabi Vision 2030.

Further, the report consists of many detailed charts that cover numerous livestock indicators pertinent to all aspects of this sector, in addition to graphs and a summary of the important outcomes.

We are hopeful that this Agricultural Bulletin of the Emirate of Abu Dhabi shall meet the requirements of the developmental process of the agricultural sector in the Emirate. The Statistics Centre – Abu Dhabi wishes to extend its thanks and appreciation to all those who contributed to the success of this bulletin, particularly the strategic partners; all of whom believe in the importance of team work, and are keen to achieve sublimation of the one homeland, the home of all.

Regards,

Butti Ahmed Mohammed Butti Al Qubaisi

Director General

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## Summary of indicators

The bulletin consists of a number of charts and tables that include detailed statistical data of the livestock sector for 2011. The key indicators of Abu Dhabi livestock sector are listed below:

### Livestock statistics (Non- organized farm)

| Indicator                 |            |           |
|---------------------------|------------|-----------|
| Number of animal holdings | (holdings) | 19,030    |
| Number of sheep           | (head)     | 515,786   |
| Number of goats           | (head)     | 1,564,837 |
| Number of cattle          | (head)     | 39,692    |
| Number of camels          | (head)     | 277,577   |

### Commercial farms statistics

| Indicator                     |         |         |
|-------------------------------|---------|---------|
| Number of Broiler farms       | farms   | 8       |
| Number of layer farms         | farms   | 4       |
| Number of cattle's farms      | farms   | 13      |
| Number of cattle's            | head    | 17,475  |
| Number of milking cows        | head    | 8,100   |
| Quantity of Cow milk          | ton     | 70,975  |
| Quantity of chicken           | ton     | 17,350  |
| Quantity of eggs production   | 000 egg | 150,451 |
| Quantity of organizing manure | ton     | 90,968  |

### Fish production statistics

| Indicator               |             |       |
|-------------------------|-------------|-------|
| Quantity of fish catch  | ton         | 3,922 |
| Value of fish catch     | Million AED | 69.4  |
| Number of fishermen     | No          | 4542  |
| Number of fishing boats | No          | 1085  |

# 1. Livestock statistics

## 1.1 Introduction

The livestock sector is regarded as one of the pillars of development and integration in the emirate of Abu Dhabi, and one of the most important activities of the agricultural sector in Abu Dhabi.

The statistics center – Abu Dhabi was covetous to follow the latest statistical methodologies in data collection and processing and in estimating indicators related to livestock. These indicators are of great importance for policy formulation, and the preparation of future plans and programs to meet the increasing demand on livestock production due to population growth, and consequently to bridge the gap between production and consumption to adjust the balance of trade.

This bulletin includes the results of livestock number by type, and region, and it includes data about of the commercial farm 2011.



## 1.2 Structural change in the size of livestock

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 through the implementations of policies and programs. Where the total number of livestock 2,397,892 head of sheep, goats, cows and camels in 2011.

Detailed by type, the livestock data of Abu Dhabi Emirate shows that the emirate head 2,080,623 sheep and goats, at 87% of the total livestock in the Emirate of Abu Dhabi; and 39,692 head of cattle at 2% and 277,577 head of camels at 11% of the total livestock in the Emirate of Abu Dhabi in 2011.

. In Abu Dhabi, total livestock reached 429,110 heads, making up 18% of total livestock in the Emirate of Abu Dhabi.

A breakdown of this figure by type shows that Abu Dhabi has 379,883 head of sheep and goats, which is 88% of the total livestock population in Abu Dhabi and 18% of sheep and goats population in Emirate of Abu Dhabi. The total cattle herd in Abu Dhabi reached 3,948 heads, which is 1% of the regions total livestock, and 10% of the total cattle population in the Emirate of Abu Dhabi. The number of camels reached 45,279 head which is 11% of the total livestock population in Abu Dhabi and 16% of the total number of camels in the Emirate of Abu Dhabi.

In Al Ain, total livestock reached 1,507,623 heads, making up 63% of total livestock in the Emirate of Abu Dhabi.

The number of sheep and goats in Al Ain 1,308,974 heads or 87% of the total livestock population in Al Ain, and 63% of sheep and goats population in Emirate of Abu Dhabi. The Number of cattle heads reached 34,640 which make up 2% of the total livestock herd in Al Ain and 87% of the cattle population in the Emirate of Abu Dhabi. The number of camels in Al Ain reached 164,009 which constitute 11% of the total livestock in Al Ain, and 59% of the camel's population in the Emirate of Abu Dhabi in 2011.

In Al Gharbia, total livestock reached 461,159 heads, making up 19% of total livestock in the Emirate of Abu Dhabi.

The number of sheep and goats in Al Gharbia amounted to 391,766 heads or 85% of the total livestock population in region, and 19% of the total number of sheep and goats in the Emirate of ABU Dhabi. The Number of cattle heads reached 1,104 which make up 0.2% of the total livestock herd in region and 3% of the cattle population in the Emirate of Abu Dhabi. The number of camels in Al Gharbia reached 68,289 which constitutes 14.9% of the total livestock in Al Gharbia region, and 24% of the camel's population in the Emirate of Abu Dhabi in 2011.

**Table 1.1 Number of livestock by type, sex and age in non-organized farms, 2011**

| Region       | Total            | Male               |                    |                | Female             |                    |                  |
|--------------|------------------|--------------------|--------------------|----------------|--------------------|--------------------|------------------|
|              |                  | Less than one year | One year and above | Total          | Less than one year | One year and above | Total            |
| <b>Total</b> | <b>2,397,892</b> | <b>242,535</b>     | <b>147,251</b>     | <b>389,786</b> | <b>374,488</b>     | <b>1,602,755</b>   | <b>1,977,242</b> |
| Sheep        | 1,064,109        | 104,507            | 76,419             | 180,925        | 170,720            | 712,464            | 883,184          |
| Goats        | 1,016,514        | 107,783            | 48,890             | 156,673        | 152,976            | 706,866            | 859,842          |
| Cattle       | 39,692           | 5,162              | 4,209              | 9,371          | 8,187              | 22,134             | 30,321           |
| Camels       | 277,577          | 25,083             | 17,733             | 42,817         | 42,605             | 192,155            | 234,760          |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 1.2 Number of sheep by sex, age and region in non-organized farms, 2011**

| Region       | Total            | Male               |                    |                | Female             |                    |                |
|--------------|------------------|--------------------|--------------------|----------------|--------------------|--------------------|----------------|
|              |                  | Less than one year | One year and above | Total          | Less than one year | One year and above | Total          |
| <b>Total</b> | <b>1,064,109</b> | <b>104,507</b>     | <b>76,419</b>      | <b>180,925</b> | <b>170,720</b>     | <b>712,464</b>     | <b>883,184</b> |
| Abu Dhabi    | 194,287          | 19,081             | 13,953             | 33,034         | 31,170             | 130,083            | 161,253        |
| Al Ain       | 669,458          | 65,748             | 48,077             | 113,825        | 107,404            | 448,229            | 555,633        |
| Al Gharbia   | 200,364          | 19,678             | 14,389             | 34,067         | 32,145             | 134,152            | 166,297        |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 1.3 Number of goats by sex, age and region in non-organized farms, 2011**

| Region       | Total            | Male               |                    |                | Female             |                    |                |
|--------------|------------------|--------------------|--------------------|----------------|--------------------|--------------------|----------------|
|              |                  | Less than one year | One year and above | Total          | Less than one year | One year and above | Total          |
| <b>Total</b> | <b>1,016,514</b> | <b>107,783</b>     | <b>48,890</b>      | <b>156,673</b> | <b>152,976</b>     | <b>706,866</b>     | <b>859,841</b> |
| Abu Dhabi    | 185,597          | 19,679             | 8,926              | 28,606         | 27,931             | 129,061            | 156,991        |
| Al Ain       | 639,515          | 67,809             | 30,758             | 98,567         | 96,241             | 444,707            | 540,948        |
| Al Gharbia   | 191,403          | 20,295             | 9,206              | 29,500         | 28,804             | 133,098            | 161,902        |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 1.4 Number of cattle by sex, age and region in non-organized farms, 2011**

| Region       | Total         | Male               |                    |              | Female             |                    |               |
|--------------|---------------|--------------------|--------------------|--------------|--------------------|--------------------|---------------|
|              |               | Less than one year | One year and above | Total        | Less than one year | One year and above | Total         |
| <b>Total</b> | <b>39,692</b> | <b>5,162</b>       | <b>4,209</b>       | <b>9,371</b> | <b>8,187</b>       | <b>22,134</b>      | <b>30,321</b> |
| Abu Dhabi    | 3,948         | 513                | 419                | 932          | 814                | 2,202              | 3,016         |
| Al Ain       | 34,640        | 4,505              | 3,673              | 8,178        | 7,145              | 19,317             | 26,462        |
| Al Gharbia   | 1,104         | 144                | 117                | 261          | 228                | 615                | 843           |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 1.5 Number of camels by sex, age and region in non-organized farms, 2011**

| Region       | Total          | Male               |                    |               | Female             |                    |                |
|--------------|----------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|
|              |                | Less than one year | One year and above | Total         | Less than one year | One year and above | Total          |
| <b>Total</b> | <b>277,577</b> | <b>25,083</b>      | <b>17,733</b>      | <b>42,817</b> | <b>42,605</b>      | <b>192,155</b>     | <b>234,760</b> |
| Abu Dhabi    | 45,279         | 4,092              | 2,893              | 6,984         | 6,950              | 31,344             | 38,295         |
| Al Ain       | 164,009        | 14,821             | 10,478             | 25,299        | 25,174             | 113,537            | 138,710        |
| Al Gharbia   | 68,289         | 6,171              | 4,363              | 10,534        | 10,482             | 47,274             | 57,755         |

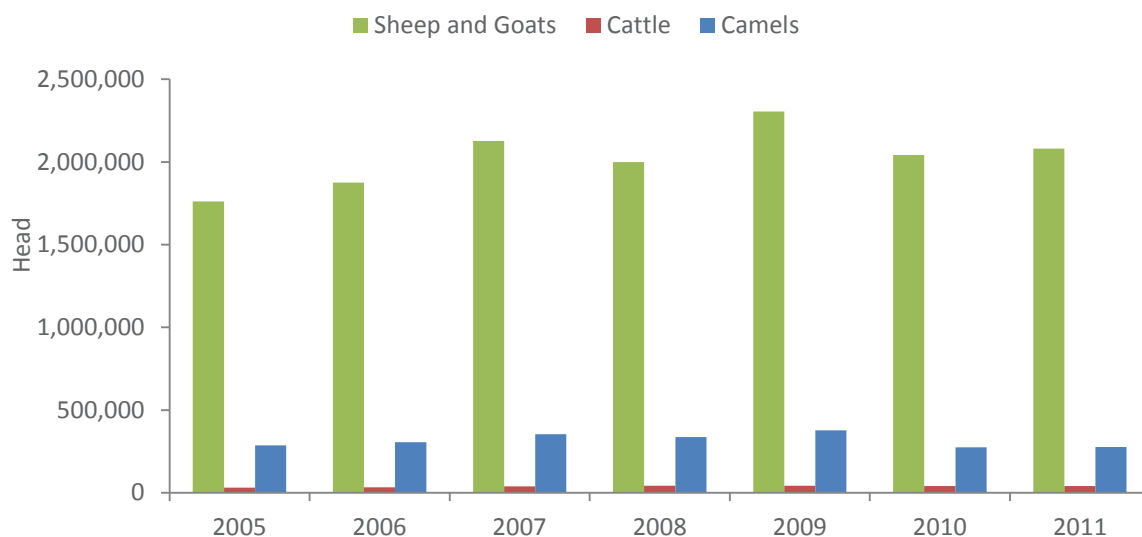
Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 1.6 Number of livestock by type in non-organized farms, 2005 to 2011**

| Year | Total            | Number of livestock |        |         |
|------|------------------|---------------------|--------|---------|
|      |                  | Sheep and goats     | Cattle | Camels  |
| 2005 | <b>2,078,608</b> | 1,761,713           | 30,630 | 286,265 |
| 2006 | <b>2,215,552</b> | 1,876,054           | 33,430 | 306,068 |
| 2007 | <b>2,519,841</b> | 2,127,604           | 38,900 | 353,337 |
| 2008 | <b>2,377,777</b> | 1,998,280           | 42,596 | 336,901 |
| 2009 | <b>2,726,671</b> | 2,305,603           | 42,992 | 378,076 |
| 2010 | <b>2,357,065</b> | 2,041,902           | 39,778 | 275,385 |
| 2011 | <b>2,397,892</b> | 2,080,623           | 39,692 | 277,577 |

Source: Abu Dhabi Food Control Authority

**Figure 1.1 Number of livestock by type in non-organized farms, 2005 to 2011**



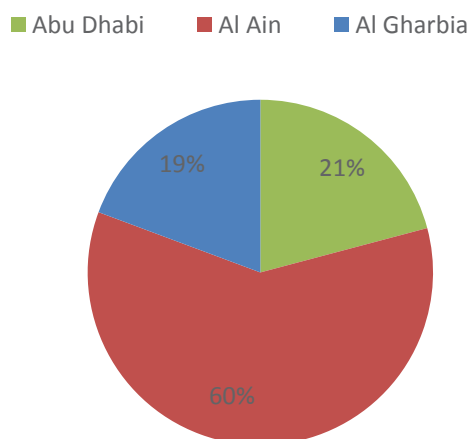
Source: Abu Dhabi Food Control Authority

**Table 1.7 Number of holdings and livestock by type and region in non-organized farms, 2011**

| Region       | Number of holdings | Number of livestock |               |                |                  |
|--------------|--------------------|---------------------|---------------|----------------|------------------|
|              |                    | Sheep and goats     | Cattle        | Camels         | Total            |
| <b>Total</b> | <b>19,030</b>      | <b>2,080,623</b>    | <b>39,692</b> | <b>277,577</b> | <b>2,397,892</b> |
| Abu Dhabi    | 3,971              | 379,883             | 3,948         | 45,279         | 429,110          |
| Al Ain       | 11,381             | 1,308,974           | 34,640        | 164,009        | 1,507,623        |
| Al Gharbia   | 3,678              | 391,766             | 1,104         | 68,289         | 461,159          |

Source: Abu Dhabi Food Control Authority

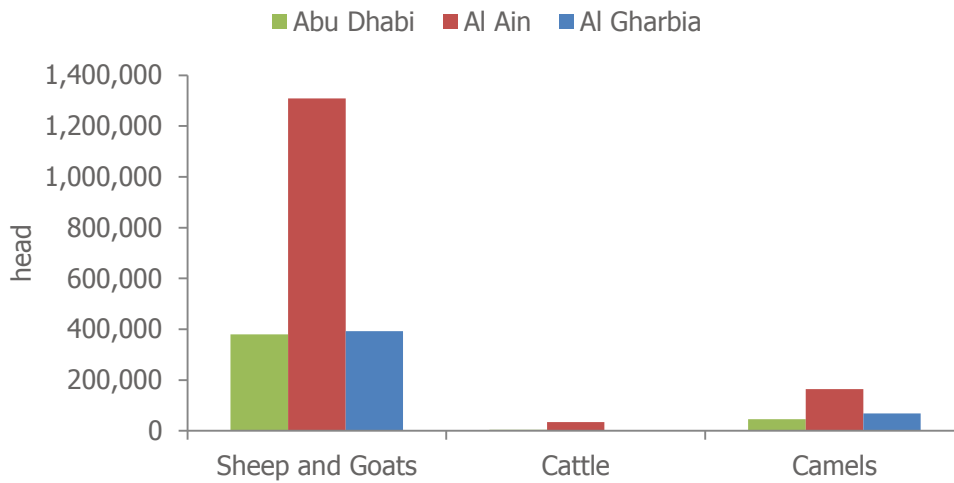
**Figure 1.2 Percentage distributions for Animal holdings by Region, 2011**



Source: Statistics Centre - Abu Dhabi

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**Figure 1.3 Number of livestock by type and region in non-organized farms, 2011**



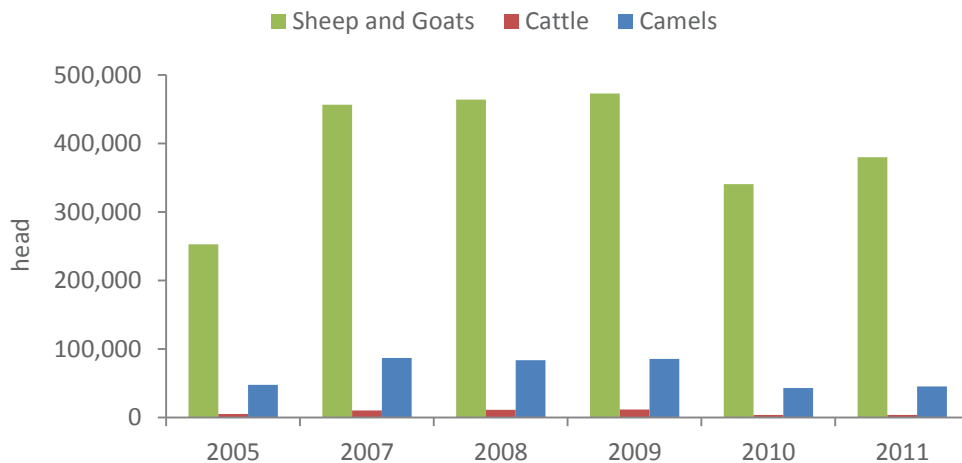
Source: Abu Dhabi Food Control Authority

**Table 1.8 Number of livestock by type in non-organized farms in Abu Dhabi, 2005 to 2011**

| Year | Total   | Number of livestock |        |        |
|------|---------|---------------------|--------|--------|
|      |         | Sheep and goats     | Cattle | Camels |
| 2005 | 306,141 | 253,145             | 5,125  | 47,871 |
| 2007 | 554,527 | 456,783             | 10,507 | 87,237 |
| 2008 | 559,444 | 464,155             | 11,445 | 83,844 |
| 2009 | 570,437 | 473,193             | 11,799 | 85,445 |
| 2010 | 387,379 | 340,699             | 3,764  | 42,916 |
| 2011 | 429,110 | 379,883             | 3,948  | 45,279 |

Source: Abu Dhabi Food Control Authority

**Figure 1.4 Number of livestock by type in non-organized farms in Abu Dhabi, 2005 to 2011**



Source: Abu Dhabi Food Control Authority

**Table 1.9 Number of holdings and livestock by type and region in non-organized farms in Abu Dhabi, 2011**

| Region       | Number of holdings | Number of livestock |              |               |                |
|--------------|--------------------|---------------------|--------------|---------------|----------------|
|              |                    | Sheep and goats     | Cattle       | Camels        | Total          |
| <b>Total</b> | <b>3,971</b>       | <b>379,883</b>      | <b>3,948</b> | <b>45,279</b> | <b>429,110</b> |
| Al Wahtba    | 828                | 93,119              | 627          | 16,992        | <b>110,738</b> |
| Al Khatem    | 2,181              | 208,585             | 2,258        | 21,297        | <b>232,140</b> |
| Al Samha     | 962                | 78,179              | 1,063        | 6,990         | <b>86,232</b>  |

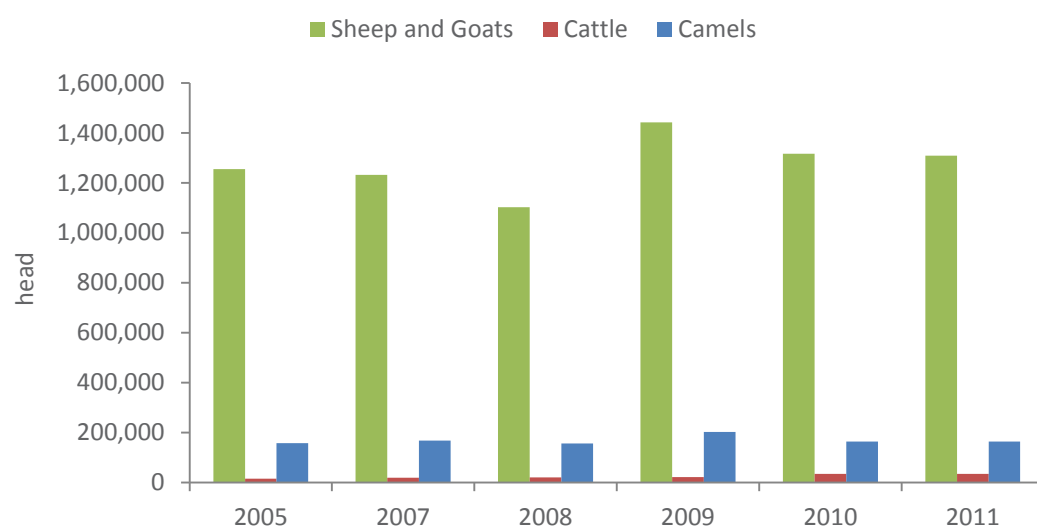
Source: Abu Dhabi Food Control Authority

**Table 1.10 Number of livestock by type in non-organized farms in Al Ain, 2005 to 2011**

| Year        | Total            | Number of livestock |        |         |
|-------------|------------------|---------------------|--------|---------|
|             |                  | Sheep and goats     | Cattle | Camels  |
| <b>2005</b> | <b>1,429,327</b> | 1,255,408           | 15,800 | 158,119 |
| <b>2007</b> | <b>1,419,120</b> | 1,231,951           | 19,442 | 167,727 |
| <b>2008</b> | <b>1,280,721</b> | 1,102,856           | 21,240 | 156,625 |
| <b>2009</b> | <b>1,667,948</b> | 1,443,121           | 22,000 | 202,827 |
| <b>2010</b> | <b>1,516,657</b> | 1,316,938           | 34,911 | 164,808 |
| <b>2011</b> | <b>1,507,623</b> | 1,308,974           | 34,640 | 164,009 |

Source: Abu Dhabi Food Control Authority

**Figure 1.5 Number of livestock by type in non-organized farms in Al Ain, 2005 to 2011**



Source: Abu Dhabi Food Control Authority

**Table 1.11 Number of holdings and livestock by type and region in non-organized farms in Al Ain, 2011**

| Region       | Number of holdings | Number of livestock |               |                |                  |
|--------------|--------------------|---------------------|---------------|----------------|------------------|
|              |                    | Sheep and goats     | Cattle        | Camels         | Total            |
| <b>Total</b> | <b>11,381</b>      | <b>1,308,974</b>    | <b>34,640</b> | <b>164,009</b> | <b>1,507,623</b> |
| Al Hayar     | 609                | 103,951             | 1,943         | 11,992         | 117,886          |
| Myzad        | 798                | 73,650              | 1,388         | 8,194          | 83,232           |
| Al Wagan     | 803                | 79,498              | 230           | 18,206         | 97,934           |
| Suwehan      | 683                | 90,456              | 781           | 12,836         | 104,073          |
| Alqatara     | 1,662              | 213,820             | 15,424        | 24,185         | 253,429          |
| Masaken      | 174                | 30,358              | 1,222         | 3,901          | 35,481           |
| Zakher       | 909                | 110,759             | 1,149         | 8,464          | 120,372          |
| Al Faqa      | 154                | 21,479              | 222           | 6,431          | 28,132           |
| Al Araad     | 602                | 62,397              | 638           | 6,749          | 69,784           |
| Al Khazna    | 359                | 44,451              | 271           | 4,724          | 49,446           |
| Al Shuwab    | 207                | 44,213              | 279           | 3,950          | 48,442           |
| Malaqet      | 940                | 69,717              | 1,381         | 13,702         | 84,800           |
| Al Nyadat    | 717                | 74,158              | 5,945         | 5,977          | 86,080           |
| Abu Samra    | 502                | 86,523              | 1,689         | 4,619          | 92,831           |
| Seh Sabra    | 190                | 22,741              | 341           | 2,306          | 25,388           |
| Al Yahar     | 1,001              | 97,302              | 1,629         | 10,659         | 109,590          |
| Al Quaa      | 1,071              | 83,501              | 108           | 17,114         | 100,723          |

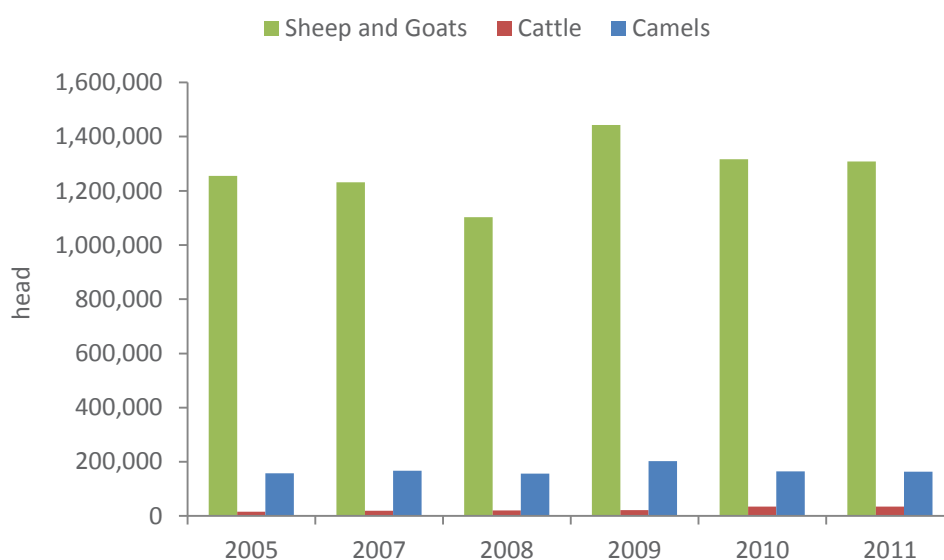
Source: Abu Dhabi Food Control Authority

**Table 1.12 Number of livestock by type in non-organized farms in Al Gharbia, 2005 to 2011**

| Year        | Total          | Number of livestock |        |        |
|-------------|----------------|---------------------|--------|--------|
|             |                | Sheep and goats     | Cattle | Camels |
| <b>2005</b> | <b>343,140</b> | 253,160             | 9,705  | 80,275 |
| <b>2007</b> | <b>546,194</b> | 438,870             | 8,951  | 98,373 |
| <b>2008</b> | <b>537,612</b> | 431,269             | 9,911  | 96,432 |
| <b>2009</b> | <b>488,286</b> | 389,289             | 9,193  | 89,804 |
| <b>2010</b> | <b>453,029</b> | 384,265             | 1,103  | 67,661 |
| <b>2011</b> | <b>461,159</b> | 391,766             | 1,104  | 68,289 |

Source: Abu Dhabi Food Control Authority

**Figure 1.6 Number of livestock by type in non-organized farms in Al Gharbia, 2005 to 2011**



Source: Abu Dhabi Food Control Authority

**Table 1.13 Number of holdings and livestock by type and region in non-organized farms in Al Gharbia, 2011**

| Region        | Number of holdings | Number of livestock |              |               |                |
|---------------|--------------------|---------------------|--------------|---------------|----------------|
|               |                    | Sheep and goats     | Cattle       | Camels        | Total          |
| <b>Total</b>  | <b>3,678</b>       | <b>391,766</b>      | <b>1,104</b> | <b>68,289</b> | <b>461,159</b> |
| Al Tharwanea  | 290                | 33,048              | 20           | 6,870         | 39,938         |
| Al Marfaa     | 147                | 12,278              | 158          | 250           | 12,686         |
| Madinat Zayed | 956                | 111,421             | 390          | 21,235        | 133,046        |
| Husaan        | 220                | 25,047              | 56           | 3,503         | 28,606         |
| Delma         | 100                | 6,155               | 131          | 18            | 6,304          |
| Mzera'a       | 541                | 88,293              | 198          | 4,029         | 92,520         |
| Al Sela       | 408                | 35,889              | 70           | 6,326         | 42,285         |
| Ghayathi      | 1,016              | 79,635              | 81           | 26,058        | 105,774        |

Source: Abu Dhabi Food Control Authority



### 1.3 Health statistics of livestock

Health statistics of livestock aim to present data on the veterinary activity of livestock that have been treated and vaccinated with vaccines in 2011.

The number of livestock cases in the Emirate of Abu Dhabi totaled 1,333,637 cases, including 680,465 cases in Al Ain with 60% of the total number of cases in the Emirate of Abu Dhabi, followed Abu Dhabi region with 23%, and Al Gharbia with 17% of the total number of cases in the Emirate of Abu Dhabi in 2011.

**Table 1.14 Number of treated animals by type and region, 2011**

| Region     | Total     | Goats   | Sheep   | Cattle | Camels  | Others |
|------------|-----------|---------|---------|--------|---------|--------|
| Total      | 1,133,637 | 487,596 | 441,633 | 21,294 | 176,298 | 6,816  |
| Abu Dhabi  | 262,135   | 111,282 | 100,535 | 6,552  | 42,592  | 1,174  |
| Al Ain     | 680,465   | 282,275 | 279,689 | 13,770 | 99,490  | 5,241  |
| Al Gharbia | 191,037   | 94,039  | 61,409  | 972    | 34,216  | 401    |

Source: Abu Dhabi Food Control Authority

**Table 1.15 Number of treated animals by type and region in Abu Dhabi, 2011**

| Region    | Total   | Goats   | Sheep   | Cattle | Camels | Others |
|-----------|---------|---------|---------|--------|--------|--------|
| Total     | 262,135 | 111,282 | 100,535 | 6,552  | 42,592 | 1,174  |
| Al khatam | 96,187  | 42,232  | 30,285  | 1,830  | 21,765 | 75     |
| Al Samha  | 137,700 | 58,424  | 60,562  | 4,385  | 13,458 | 871    |
| Al Wathba | 28,248  | 10,626  | 9,688   | 337    | 7,369  | 228    |

Source: Abu Dhabi Food Control Authority

**Table 1.16 Number of treated animals by type and region in Al Ain, 2011**

| Region       | Total          | Goats          | Sheep          | Cattle        | Camels        | Others       |
|--------------|----------------|----------------|----------------|---------------|---------------|--------------|
| <b>Total</b> | <b>680,465</b> | <b>282,275</b> | <b>279,689</b> | <b>13,770</b> | <b>99,490</b> | <b>5,241</b> |
| Abu Samra    | 35,428         | 14,728         | 12,906         | 3,139         | 4,192         | 463          |
| Al Araad     | 13,692         | 6,397          | 5,951          | 393           | 949           | 2            |
| Al Faqa      | 17,775         | 7,027          | 5,909          | 467           | 4,372         | 0            |
| Al Hayar     | 39,365         | 20,027         | 15,681         | 434           | 3,213         | 10           |
| Al Khazna    | 35,729         | 16,402         | 14,302         | 1,299         | 3,690         | 36           |
| Al Nyadat    | 11,633         | 4,674          | 4,477          | 634           | 1,837         | 11           |
| Al Quaa      | 30,017         | 8,878          | 17,013         | 121           | 3,989         | 16           |
| Alqatara     | 71,895         | 26,625         | 27,133         | 2,392         | 15,714        | 31           |
| Al Shuwab    | 24,563         | 10,568         | 9,730          | 736           | 3,529         | 0            |
| Al Wagan     | 84,295         | 37,002         | 41,625         | 963           | 4,705         | 0            |
| Al Yahar     | 60,928         | 30,304         | 25,605         | 68            | 4,946         | 5            |
| Malaqet      | 100,268        | 39,727         | 39,025         | 393           | 21,120        | 3            |
| Masaken      | 17,533         | 6,165          | 5,949          | 116           | 5,212         | 91           |
| Myzad        | 20,270         | 5,032          | 11,572         | 413           | 3,244         | 9            |
| Seh Sabra    | 17,545         | 4,714          | 4,322          | 71            | 8,414         | 24           |
| Suwehan      | 39,193         | 12,097         | 13,128         | 1,634         | 7,806         | 4,528        |
| Zakher       | 60,336         | 31,908         | 25,361         | 497           | 2,558         | 12           |

Source: Abu Dhabi Food Control Authority

**Table 1.17 Number of treated animals by type and region in Al Gharbia, 2011**

| Region        | Total          | Goats         | Sheep         | Cattle     | Camels        | Others     |
|---------------|----------------|---------------|---------------|------------|---------------|------------|
| <b>Total</b>  | <b>191,037</b> | <b>94,039</b> | <b>61,409</b> | <b>972</b> | <b>34,216</b> | <b>401</b> |
| Al Marfaa     | 4,556          | 846           | 3,442         | 130        | 120           | 18         |
| Al Selaa      | 20,704         | 8,398         | 6,373         | 51         | 5,878         | 4          |
| Dalma         | 12,566         | 3,670         | 8,476         | 176        | 125           | 119        |
| Ghayathi      | 44,946         | 19,058        | 14,213        | 68         | 11,606        | 1          |
| Khanoor       | 35,981         | 22,459        | 9,010         | 117        | 4,392         | 3          |
| Madenat Zayed | 37,314         | 19,882        | 7,004         | 224        | 10,018        | 186        |
| Mzera'a       | 13,246         | 7,828         | 4,492         | 143        | 721           | 62         |
| Al Tharwaneaa | 21,724         | 11,898        | 8,399         | 63         | 1,356         | 8          |

Source: Abu Dhabi Food Control Authority

**Table 1.18 Number of birds treated by type and region, 2011**

| Region     | Total  | Chicken | Duck  | Geese | Ostrich | Pigeon |
|------------|--------|---------|-------|-------|---------|--------|
| Total      | 98,817 | 95,822  | 2,048 | 24    | 2       | 921    |
| Abu Dhabi  | 20,750 | 20,727  | -     | 23    | -       | -      |
| Al Ain     | 44,476 | 44,476  | -     | -     | -       | -      |
| Al Gharbia | 33,591 | 30,619  | 2,048 | 1     | 2       | 921    |

Source: Abu Dhabi Food Control Authority

**Table 1.19 Number of birds treated by type and region in Abu Dhabi, 2011**

| Region    | Total  | Chicken | Duck | Geese | Ostrich | Pigeon |
|-----------|--------|---------|------|-------|---------|--------|
| Total     | 20,750 | 20,727  | -    | 23    | -       | -      |
| Al khatam | 7,535  | 7,535   | -    | -     | -       | -      |
| Al Samha  | 7,199  | 7,176   | -    | 23    | -       | -      |
| Al Wathba | 6,016  | 6,016   | -    | -     | -       | -      |

Source: Abu Dhabi Food Control Authority

**Table 1.20 Number of birds treated by type and region in Al Ain, 2011**

| Region    | Total  | Chicken | Duck | Geese | Ostrich | Pigeon |
|-----------|--------|---------|------|-------|---------|--------|
| Total     | 44,476 | 44,476  | 0    | 0     | 0       | 0      |
| Abu Samra | 5,445  | 5,445   | 0    | 0     | 0       | 0      |
| Al Araad  | 312    | 312     | 0    | 0     | 0       | 0      |
| Al Faqa   | 770    | 770     | 0    | 0     | 0       | 0      |
| Al Hayar  | 10,095 | 10,095  | 0    | 0     | 0       | 0      |
| Al Khazna | 7,050  | 7,050   | 0    | 0     | 0       | 0      |
| Al Nyadat | 72     | 72      | 0    | 0     | 0       | 0      |
| Al Quaa   | 0      | 0       | 0    | 0     | 0       | 0      |
| Alqatara  | 3,665  | 3,665   | 0    | 0     | 0       | 0      |
| Al Shuwab | 6,365  | 6,365   | 0    | 0     | 0       | 0      |
| Al Wagan  | 0      | 0       | 0    | 0     | 0       | 0      |
| Al Yahar  | 0      | 0       | 0    | 0     | 0       | 0      |
| Malaqet   | 1,115  | 1,115   | 0    | 0     | 0       | 0      |
| Masaken   | 1,400  | 1,400   | 0    | 0     | 0       | 0      |
| Myzad     | 755    | 755     | 0    | 0     | 0       | 0      |
| Seh Sabra | 110    | 110     | 0    | 0     | 0       | 0      |
| Suwehan   | 1,717  | 1,717   | 0    | 0     | 0       | 0      |
| Zakher    | 5,605  | 5,605   | 0    | 0     | 0       | 0      |

Source: Abu Dhabi Food Control Authority

**Table 1.21 Number of birds treated by type and region in Al Gharbia, 2011**

| Region        | Total         | Chicken       | Duck         | Geese    | Ostrich  | Pigeon     |
|---------------|---------------|---------------|--------------|----------|----------|------------|
| <b>Total</b>  | <b>33,591</b> | <b>30,619</b> | <b>2,048</b> | <b>1</b> | <b>2</b> | <b>921</b> |
| Al Marfaa     | 896           | 876           | 20           | -        | -        | -          |
| Al Selaa      | 730           | 730           | -            | -        | -        | -          |
| Dalma         | 6,319         | 6,218         | -            | 1        | -        | 100        |
| Ghayathi      | 355           | 355           | -            | -        | -        | -          |
| Khanoor       | 16,075        | 14,812        | 443          | -        | -        | 820        |
| Madenat Zayed | 1,931         | 401           | 1,530        | -        | -        | -          |
| Mzera'a       | 5,802         | 5,747         | 55           | -        | -        | -          |
| Al Tharwanea  | 1,483         | 1,480         | -            | -        | 2        | 1          |

Source: Abu Dhabi Food Control Authority

**Table 1.22 Number of vaccinated animal by type and region, 2011**

| Animals      | Total            | Abu Dhabi        | Al Ain           | Al Gharbia       |
|--------------|------------------|------------------|------------------|------------------|
| <b>Total</b> | <b>6,428,620</b> | <b>1,253,445</b> | <b>3,737,913</b> | <b>1,437,262</b> |
| Goats        | 3,276,989        | 650,737          | 1,821,812        | 804,440          |
| Sheep        | 3,116,999        | 600,732          | 1,884,173        | 632,094          |
| Cattle       | 34,632           | 1,976            | 31,928           | 728              |

Source: Abu Dhabi Food Control Authority

**Table 1.23 Number of animals slaughtered and quantity and value of meet produced, 2011**

Quantity: tons, Value: 000 AED

| Type         | Number         | Quantity      | Value          |
|--------------|----------------|---------------|----------------|
| <b>Total</b> | <b>716,982</b> | <b>12,982</b> | <b>609,758</b> |
| Goats        | 273,749        | 3,571         | 178,410        |
| Sheep        | 405,379        | 3,308         | 218,418        |
| Cattle       | 13,788         | 2,853         | 49,346         |
| Camels       | 24,066         | 3,250         | 163,585        |

Source: Department of Municipal Affairs - Abu Dhabi

**Table 1.24 Number of animals slaughtered and quantity and value of meet produced in Abu Dhabi, 2011**

Quantity: tons, Value: 000 AED

| Type         | Number         | Quantity     | Value          |
|--------------|----------------|--------------|----------------|
| <b>Total</b> | <b>410,466</b> | <b>6,930</b> | <b>266,281</b> |
| Goats        | 149,051        | 2,236        | 89,431         |
| Sheep        | 249,324        | 1,745        | 124,662        |
| Cattle       | 5,302          | 1,591        | 31,821         |
| Camels       | 6,789          | 1,358        | 20,367         |

Source: Department of Municipal Affairs - Abu Dhabi

**Table 1. 25 Number of animals slaughtered and quantity and value of meet produced in Al Ain, 2011**

Quantity: tons, Value: 000 AED

| Type         | Number         | Quantity     | Value          |
|--------------|----------------|--------------|----------------|
| <b>Total</b> | <b>243,030</b> | <b>5,058</b> | <b>276,626</b> |
| Goats        | 85,656         | 857          | 57,133         |
| Sheep        | 135,729        | 1,357        | 81,420         |
| Cattle       | 8,205          | 1,231        | 17,097         |
| Camels       | 13,440         | 1,613        | 120,975        |

Source: Department of Municipal Affairs - Abu Dhabi

**Table 1.26 Number of animals slaughtered and quantity and value of meat produced in Al Gharbia, 2011**

Quantity: tons, Value: 000 AED

| Type         | Number        | Quantity   | Value         |
|--------------|---------------|------------|---------------|
| <b>Total</b> | <b>63,486</b> | <b>994</b> | <b>66,852</b> |
| Goats        | 39,042        | 478        | 31,846        |
| Sheep        | 20,326        | 206        | 12,336        |
| Cattle       | 281           | 31         | 427           |
| Camels       | 3,837         | 279        | 22,243        |

Source: Department of Municipal Affairs - Abu Dhabi

**Table 1.27 Number and value of camels supplied, sold, slaughtered and quantity of meat produced , 2005 to 2011**

Quantity: Tons, Value: 000AED

| Item               |          | 2005       | 2008      | 2009      | 2010      | 2011      |
|--------------------|----------|------------|-----------|-----------|-----------|-----------|
| Received Camels    | Number   | 13,468     | 953       | 710       | 1,838     | 2,548     |
|                    | Value    | 38,146,500 | 2,630,500 | 2,384,500 | 6,489,375 | 9,098,692 |
| Slaughtered Camels | Number   | 12,712     | 740       | 559       | 1,775     | 2,374     |
|                    | Value    | 36,005,220 | 2,042,571 | 1,877,374 | 6,266,943 | 8,477,353 |
| Sold Camels        | Number   | 756        | 213       | 151       | 238       | 151       |
|                    | Value    | 1,801,400  | 691,400   | 590,700   | 992,975   | 3,756,708 |
| Meat Produce       | Quantity | 1,717,391  | 102,493   | 81,759    | 244,018   | 2,151     |
|                    | Value    | 10,524,993 | 1,416,066 | 1,355,243 | 3,229,909 | 5,550,096 |

Source: Abu Dhabi Food Control Authority

## **2. Commercial farms statistics**

## 2.1 Introduction

The advancement of the livestock sector is one of the most important goals in the Emirate of Abu Dhabi. Livestock is closely linked to food security, and to increase economic returns of the agricultural sector.

Commercial farms include all farms specialized in the production of one or more livestock products. They are considered as food and investment sources of meat, egg and dairy production. Additionally, the agriculture sector supplies the industrial sector with raw materials and production requirements that are essential for many industries.

Given the importance of commercial farms and small in number and accessibility, as well as the availability of a comprehensive framework has compiled data using a comprehensive survey method. Commercial farms are divided by type of animals to cattle farms, and chicken farms types: Broiler, and white, and breeders

In view of the importance of commercial farms, its small number and the accessibility to visit them, in addition to the availability of a comprehensive framework, data was collected using the comprehensive surveying method. Based on type of animals, commercial farms were classified as cattle-breeding farms, and farms for rearing broiler chickens of all kinds, broiler, layer and parents stock farms.



**Table 2.1: Number of commercial farms by type of farm, 2008 to 2011**

| Type             | 2008      | 2009      | 2010      | 2011      |
|------------------|-----------|-----------|-----------|-----------|
| <b>Total</b>     | <b>31</b> | <b>25</b> | <b>25</b> | <b>25</b> |
| Broiler farms    | 9         | 7         | 8         | 8         |
| Layer farms      | 4         | 3         | 4         | 4         |
| The Cattle farms | 18        | 15        | 13        | 13        |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

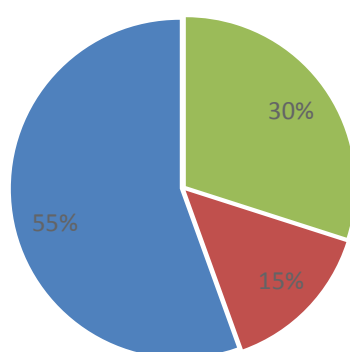
**Table 2.2: Number of cattle in commercial cattle farms by age and sex, 2011**

| Description        | Number in 31/12/2011 |       |
|--------------------|----------------------|-------|
| <b>Total</b>       | <b>17,475</b>        |       |
| Less than one year | Male                 | 935   |
|                    | Female               | 4,297 |
| One-two years      | Male                 | 8     |
|                    | Female               | 2,534 |
| Above two years    | Male                 | 13    |
|                    | Female               | 9,688 |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

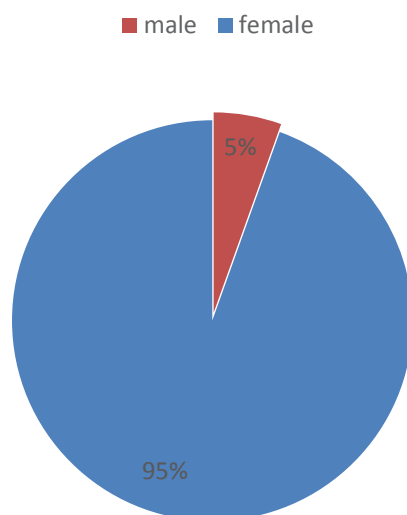
**Figure 2.1: Percentage distribution of number of cattle in commercial farms by age, 2011**

■ Less than one year ■ One-two years ■ Above two years



Source: Statistics center - Abu Dhabi

Figure 2.2: Percentage distribution of number of cattle in the commercial cattle farms by sex, 2011



Source: Statistics center - Abu Dhabi

Table 2.3: Livestock production of broiler farms by type, 2011

Value in 000 AED

| Type           | Unit | Production     |         | Sold           |         | Quantity of home consumption or used in the holding | Quantity of gifts | Waste |
|----------------|------|----------------|---------|----------------|---------|---|-------------------|-------|
|                |      | Quantity       | Value   | Quantity       | Value   |   |                   |       |
| <b>Total</b>   |      | <b>235,797</b> |         | <b>235,557</b> |         |   |                   |       |
| Broiler        | Ton  | 17,350         | 233,905 | 17,335         | 233,683 | 14  | 1                 | 0     |
| Organic manure | Ton  | 19,765         | 1,892   | 19,572         | 1,874   | 53  | 0                 | 140   |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.4: Livestock production of layer farms by type, 2011**

Value in 000 AED

| Type           | Unit | Stock at the beginning of year |            | Production  |               | Sold        |               | Quantity of home consumption or used in the holding | Gifts    | Stock at the end of year |            | Waste   |
|----------------|------|--------------------------------|------------|-------------|---------------|-------------|---------------|---|----------|--------------------------|------------|---------|
|                |      | Quantity                       | Value      | Quantity    | Value         | Quantity    | Value         | Quantity  | Quantity | Quantity                 | Value      |         |
| <b>Total</b>   |      |                                | <b>200</b> |             | <b>61,678</b> |             | <b>61,777</b> |   |          |                          | <b>214</b> |         |
| Table eggs     | No   | 600,780                        | 200        | 150,541,000 | 61095         | 149,960,500 | 60,995        | 75,000  | 0        | 657,000                  | 214        | 449,280 |
| Organic manure | Ton  | 0                              | 0          | 11,910      | 283           | 8,360       | 782           | 0   | 0        | 0                        | 0          | 3550    |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.5: Livestock production of commercial cattle farms by type, 2011**

Value in 000AED

| Type            | Unit | Production |                | Sold     |                | Quantity of home consumption or used in the holding | Quantity of gifts | Damaged |
|-----------------|------|------------|----------------|----------|----------------|---|-------------------|---------|
|                 |      | Quantity   | Value          | Quantity | Value          |   |                   |         |
| <b>Total</b>    |      |            | <b>181,256</b> |          | <b>169,519</b> |   |                   |         |
| New born Cattle | No   | 9,160      | 14,494         | 3,270    | 6,588          | 39  | 24                | 595     |
| Cattle milk     | Ton  | 70,975     | 162,216        | 69,388   | 159,005        | 1,266   | 89                | 232     |
| Organic manure  | Ton  | 59,293     | 4,546          | 50,069   | 3,926          | 939   | 1,388             | 6,897   |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.6: Quantity and value of physical inputs used for livestock production in commercial farms, 2011**

Value in 000 AED

| Item                       | Unit  | Stock at the beginning of year |               | Total purchases |                | Stock at the end of the year |               | Intermediate goods used in purchased |                |
|----------------------------|-------|--------------------------------|---------------|-----------------|----------------|------------------------------|---------------|--------------------------------------|----------------|
|                            |       | Quantity                       | Value         | Quantity        | Value          | Quantity                     | Value         | Quantity                             | Value          |
| <b>Total</b>               |       |                                | <b>23,304</b> |                 | <b>303,946</b> |                              | <b>21,293</b> |                                      | <b>305,957</b> |
| Feeds                      | Ton   | 3,776                          | 4,832         | 118,422         | 160,596        | 3,740                        | 5,077         | 118,458                              | 160,351        |
| Hay and straw              | Ton   | 4,830                          | 6,443         | 22,073          | 24,518         | 4,187                        | 5,900         | 22,716                               | 25,061         |
| Green clover               | Ton   | 0                              | 0             | 1,848           | 555            | 0                            | 0             | 1,848                                | 555            |
| Dry clover                 | Ton   | 9,524                          | 10,690        | 26,612          | 34,535         | 6,416                        | 8,578         | 29,720                               | 36,647         |
| Calf milk                  | Value | 0                              | 141           | 0               | 2,027          | 0                            | 442           | 0                                    | 1,726          |
| Chicks                     | No    | 0                              | 0             | 16,988,080      | 35,325         | 0                            | 0             | 16,988,080                           | 35,325         |
| Wood straw                 | Ton   | 0                              | 0             | 0               | 204            | 0                            | 0             | 0                                    | 204            |
| Sugar                      | Value | 0                              | 0             | 0               | 4              | 0                            | 0             | 0                                    | 4              |
| plastic and carton plates  | Value | 0                              | 179           | 0               | 4,957          | 0                            | 295           | 0                                    | 4,841          |
| Vitamins                   | Value | 0                              | 491           | 0               | 5,691          | 0                            | 544           | 0                                    | 5,638          |
| Vaccines                   | Value | 0                              | 13            | 0               | 6,316          | 0                            | 26            | 0                                    | 6,303          |
| Medicaments                | Value | 0                              | 512           | 0               | 6,626          | 0                            | 431           | 0                                    | 6,707          |
| Lime                       | Value | 0                              | 0             | 0               | 4              | 0                            | 0             | 0                                    | 4              |
| Salts                      | Value | 0                              | 3             | 0               | 29             | 0                            | 0             | 0                                    | 32             |
| Other primary descriptions | Value | 0                              | 0             | 0               | 25             | 0                            | 0             | 0                                    | 25             |
| Water                      | Value | 0                              | 0             | 0               | 6,017          | 0                            | 0             | 0                                    | 6,017          |
| Electricity                | Value | 0                              | 0             | 0               | 4,726          | 0                            | 0             | 0                                    | 4,726          |
| Gasoline                   | Value | 0                              | 0             | 0               | 7,373          | 0                            | 0             | 0                                    | 7,373          |
| Diesel                     | Value | 0                              | 0             | 0               | 3,328          | 0                            | 0             | 0                                    | 3,328          |
| Oils                       | Value | 0                              | 0             | 0               | 448            | 0                            | 0             | 0                                    | 448            |
| Grease                     | Value | 0                              | 0             | 0               | 18             | 0                            | 0             | 0                                    | 18             |
| Gas                        | Value | 0                              | 0             | 0               | 7              | 0                            | 0             | 0                                    | 7              |
| Others                     | Value | 0                              | 0             | 0               | 617            | 0                            | 0             | 0                                    | 617            |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.7: Quantity and value of physical inputs used for livestock production in broiler farms, 2011**

Value in 000 AED

| Item                       | Unit  | Stock at the beginning of year |            | Total purchases |                | Stock at the end of the year |            | Intermediate goods used in purchased |                |
|----------------------------|-------|--------------------------------|------------|-----------------|----------------|------------------------------|------------|--------------------------------------|----------------|
|                            |       | Quantity                       | Value      | Quantity        | Value          | Quantity                     | Value      | Quantity                             | Value          |
| <b>Total</b>               |       |                                | <b>555</b> |                 | <b>111,192</b> |                              | <b>436</b> |                                      | <b>111,311</b> |
| Feeds                      | Ton   | 214                            | 281        | 41,907          | 56,587         | 113                          | 150        | 42,008                               | 56,718         |
| Chicks                     | No    | 0                              | 0          | 16,988,080      | 35,325         | 0                            | 0          | 16,988,080                           | 35,325         |
| Wood straw                 | Ton   | 0                              | 0          | 0               | 204            | 0                            | 0          | 0                                    | 204            |
| Sugar                      | Value | 0                              | 0          | 0               | 4              | 0                            | 0          | 0                                    | 4              |
| Vitamins                   | Value | 0                              | 94         | 0               | 850            | 0                            | 135        | 0                                    | 809            |
| Vaccines                   | Value | 0                              | 0          | 0               | 5,505          | 0                            | 11         | 0                                    | 5,494          |
| Medicaments                | Value | 0                              | 180        | 0               | 3,080          | 0                            | 140        | 0                                    | 3,120          |
| Lime                       | Value | 0                              | 0          | 0               | 4              | 0                            | 0          | 0                                    | 4              |
| Salts                      | Value | 0                              | 0          | 0               | 13             | 0                            | 0          | 0                                    | 13             |
| Other primary descriptions | Value | 0                              | 0          | 0               | 0              | 0                            | 0          | 0                                    | 0              |
| Water                      | Value | 0                              | 0          | 0               | 1,623          | 0                            | 0          | 0                                    | 1,623          |
| Electricity                | Value | 0                              | 0          | 0               | 1,867          | 0                            | 0          | 0                                    | 1,867          |
| Gasoline                   | Value | 0                              | 0          | 0               | 4,557          | 0                            | 0          | 0                                    | 4,557          |
| Diesel                     | Value | 0                              | 0          | 0               | 1,062          | 0                            | 0          | 0                                    | 1,062          |
| Oils                       | Value | 0                              | 0          | 0               | 321            | 0                            | 0          | 0                                    | 321            |
| Grease                     | Value | 0                              | 0          | 0               | 12             | 0                            | 0          | 0                                    | 12             |
| Gas                        | Value | 0                              | 0          | 0               | 3              | 0                            | 0          | 0                                    | 3              |
| Others                     | Value | 0                              | 0          | 0               | 175            | 0                            | 0          | 0                                    | 175            |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.8: Quantity and value of physical inputs used for livestock production in layer farms, 2011**

Value in 000 AED

| Item                       | Unit  | Stock at the beginning of year |            | Total purchases |               | Stock at the end of the year |              | Intermediate goods used in purchased |               |
|----------------------------|-------|--------------------------------|------------|-----------------|---------------|------------------------------|--------------|--------------------------------------|---------------|
|                            |       | Quantity                       | Value      | Quantity        | Value         | Quantity                     | Value        | Quantity                             | Value         |
| <b>Total</b>               |       |                                | <b>295</b> |                 | <b>44,121</b> |                              | <b>1,630</b> |                                      | <b>42,786</b> |
| Feeds                      | Ton   | 82                             | 98         | 27,941          | 35,948        | 990                          | 1,297        | 27,033                               | 34,749        |
| Wood straw                 | Ton   | 0                              | 0          | 0               | 0             | 0                            | 0            | 0                                    | 0             |
| Sugar                      | Value | 0                              | 0          | 0               | 0             | 0                            | 0            | 0                                    | 0             |
| Vitamins                   | Value | 0                              | 7          | 0               | 131           | 0                            | 8            | 0                                    | 130           |
| Vaccines                   | Value | 0                              | 6          | 0               | 120           | 0                            | 5            | 0                                    | 121           |
| Medicaments and detergents | Value | 0                              | 5          | 0               | 1,113         | 0                            | 25           | 0                                    | 1,093         |
| plastic and carton plates  | Value | 0                              | 179        | 0               | 4,957         | 0                            | 295          | 0                                    | 4,841         |
| Salts                      | Value | 0                              | 0          | 0               | 0             | 0                            | 0            | 0                                    | 0             |
| Lime                       | Value | 0                              | 0          | 0               | 0             | 0                            | 0            | 0                                    | 0             |
| Other primary descriptions | Value | 0                              | 0          | 0               | 0             | 0                            | 0            | 0                                    | 0             |
| Water                      | Value | 0                              | 0          | 0               | 275           | 0                            | 0            | 0                                    | 275           |
| Electricity                | Value | 0                              | 0          | 0               | 737           | 0                            | 0            | 0                                    | 737           |
| Gasoline                   | Value | 0                              | 0          | 0               | 807           | 0                            | 0            | 0                                    | 807           |
| Diesel                     | Value | 0                              | 0          | 0               | 33            | 0                            | 0            | 0                                    | 33            |
| Oils                       | Value | 0                              | 0          | 0               | 0             | 0                            | 0            | 0                                    | 0             |
| Grease                     | Value | 0                              | 0          | 0               | 0             | 0                            | 0            | 0                                    | 0             |
| Gas                        | Value | 0                              | 0          | 0               | 0             | 0                            | 0            | 0                                    | 0             |
| Others                     | Value | 0                              | 0          | 0               | 0             | 0                            | 0            | 0                                    | 0             |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.9: Quantity and value of physical inputs used for livestock production in commercial cattle farms, 2011**

*Value in 000 AED*

| Item                       | Unit  | Stock at the beginning of year |               | Total purchases |                | Stock at the end of the year |               | Intermediate goods used in purchased |                |
|----------------------------|-------|--------------------------------|---------------|-----------------|----------------|------------------------------|---------------|--------------------------------------|----------------|
|                            |       | Quantity                       | Value         | Quantity        | Value          | Quantity                     | Value         | Quantity                             | Value          |
| <b>Total</b>               |       |                                | <b>22,454</b> |                 | <b>148,633</b> |                              | <b>19,227</b> |                                      | <b>151,860</b> |
| Feeds                      | Ton   | 3,480                          | 4,453         | 48,574          | 68,061         | 2,637                        | 3,630         | 49,417                               | 68,884         |
| Hay and Straw              | Ton   | 4,830                          | 6,443         | 22,073          | 24,518         | 4,187                        | 5,900         | 22,716                               | 25,061         |
| Green clover               | Ton   | 0                              | 0             | 1,848           | 555            | 0                            | 0             | 1,848                                | 555            |
| Dry clover                 | Ton   | 9,524                          | 10,690        | 26,612          | 34,535         | 6,416                        | 8,578         | 29,720                               | 36,647         |
| Calf Milk                  | Value | 0                              | 141           | 0               | 2,027          | 0                            | 442           | 0                                    | 1,726          |
| Vitamins                   | Value | 0                              | 390           | 0               | 4,710          | 0                            | 401           | 0                                    | 4,699          |
| Vaccines                   | Value | 0                              | 7             | 0               | 691            | 0                            | 10            | 0                                    | 688            |
| Medicaments                | Value | 0                              | 327           | 0               | 2,433          | 0                            | 266           | 0                                    | 2,494          |
| Lime                       | Value | 0                              | 0             | 0               | 0              | 0                            | 0             | 0                                    | 0              |
| Salts                      | Value | 0                              | 3             | 0               | 16             | 0                            | 0             | 0                                    | 19             |
| Other primary descriptions | Value | 0                              | 0             | 0               | 25             | 0                            | 0             | 0                                    | 25             |
| Water                      | Value | 0                              | 0             | 0               | 4,119          | 0                            | 0             | 0                                    | 4,119          |
| Electricity                | Value | 0                              | 0             | 0               | 2,122          | 0                            | 0             | 0                                    | 2,122          |
| Gasoline                   | Value | 0                              | 0             | 0               | 2,009          | 0                            | 0             | 0                                    | 2,009          |
| Diesel                     | Value | 0                              | 0             | 0               | 2,233          | 0                            | 0             | 0                                    | 2,233          |
| Oils                       | Value | 0                              | 0             | 0               | 127            | 0                            | 0             | 0                                    | 127            |
| Grease                     | Value | 0                              | 0             | 0               | 6              | 0                            | 0             | 0                                    | 6              |
| Gas                        | Value | 0                              | 0             | 0               | 4              | 0                            | 0             | 0                                    | 4              |
| Others                     | Value | 0                              | 0             | 0               | 442            | 0                            | 0             | 0                                    | 442            |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.10: Value of other expenditures in commercial farms by type, 2011**

Value in 000 AED

| Type  | Broiler farms | Layer farms  | Cattle farms | Total         |
|---|---------------|--------------|--------------|---------------|
| <b>Total</b>  | <b>12,963</b> | <b>2,752</b> | <b>8,306</b> | <b>24,021</b> |
| Rent of farm  | 0             | 0            | 0            | 0             |
| Rent of buildings   | 1,848         | 151          | 0            | 1,999         |
| Rent of machinery   | 73            | 13           | 138          | 224           |
| Telecommunication services  | 232           | 108          | 159          | 499           |
| Maintenance of machinery and equipment                                      | 2,637         | 139          | 2,407        | 5,183         |
| Maintenance of building and constructions                                   | 1,720         | 412          | 850          | 2,982         |
| Maintenance and repair of transport means                                   | 1,215         | 441          | 2,164        | 3,820         |
| Shipping, transportation and storage expenses                               | 493           | 26           | 159          | 678           |
| Cost of service calculated to insure against                                | 0             | 0            | 0            | 0             |
| Auditing, accounting and lawyer fees  | 149           | 74           | 202          | 425           |
| Subscription fees in the cooperative societies, trade unions and federation | 2,498         | 503          | 19           | 3,020         |
| Technical and advisory services   | 45            | 7            | 151          | 203           |
| Medical / veterinary services   | 251           | 181          | 241          | 673           |
| Rent of lands   | 0             | 10           | 10           | 20            |
| Interest on local loans   | 0             | 0            | 10           | 10            |
| Casualty insurance premiums   | 132           | 102          | 1,411        | 1,645         |
| Vehicles license fees   | 140           | 40           | 135          | 315           |
| Fees and taxes on manpower  | 526           | 83           | 47           | 656           |
| Others  | 1,004         | 462          | 203          | 1,669         |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.11: Value of paid capital in commercial farms by type of farm and nationality, 2011**

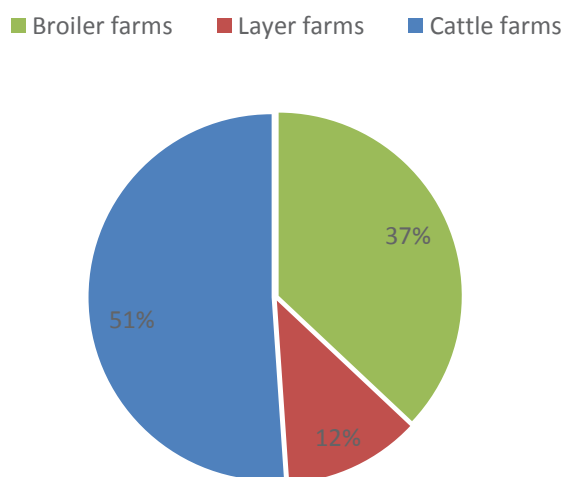
Value in 000 AED

| Nationality          | Broiler farms  | Layer farms   | Cattle farms   | Total          |
|----------------------|----------------|---------------|----------------|----------------|
| <b>Total</b>         | <b>114,934</b> | <b>36,983</b> | <b>158,628</b> | <b>310,545</b> |
| Emirates             | 110,860        | 36,983        | 158,628        | 306,471        |
| G.C.C                | 0              | 0             | 0              | 0              |
| Other Arab countries | 4,000          | 0             | 0              | 4,000          |
| Asian                | 74             | 0             | 0              | 74             |
| European             | 0              | 0             | 0              | 0              |
| American             | 0              | 0             | 0              | 0              |
| Others               | 0              | 0             | 0              | 0              |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority



**Figure 2.3: Percentage distribution of value of paid capital in the commercial farms by type of farm, 2011**



Source: Statistics center - Abu Dhabi

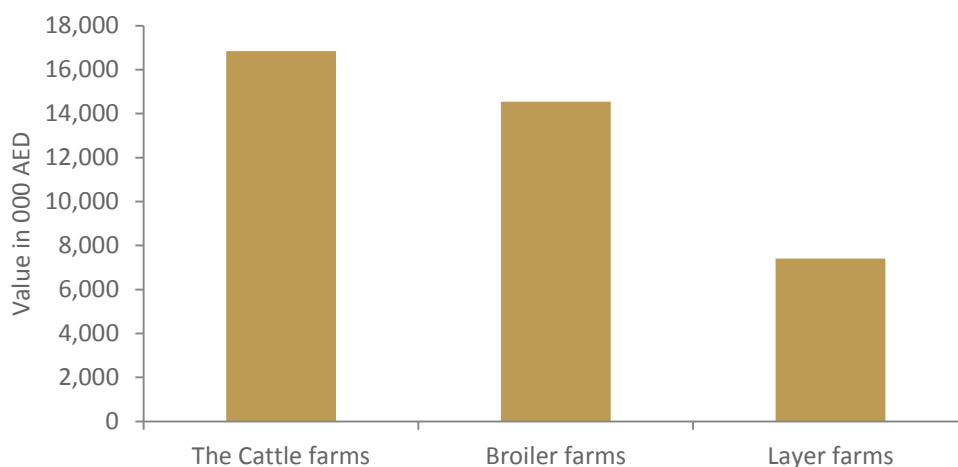
**Table 2.12: Value of compensation of employees in commercial farms by type of farm and kind of activity, 2011**

Value in 000 AED

| Type             | Salaries and wages | Payments in kind | Social benefits | Total         |
|------------------|--------------------|------------------|-----------------|---------------|
| <b>Total</b>     | <b>31,570</b>      | <b>4,152</b>     | <b>5,018</b>    | <b>38,784</b> |
| Broiler farms    | 13,033             | 981              | 181             | 14,540        |
| Layer farms      | 6,247              | 561              | 243             | 7,405         |
| The Cattle farms | 12,290             | 2,610            | 4,594           | 16,839        |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Figure 2.4: Value compensation of employees in the commercial farms by type, 2011**



Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

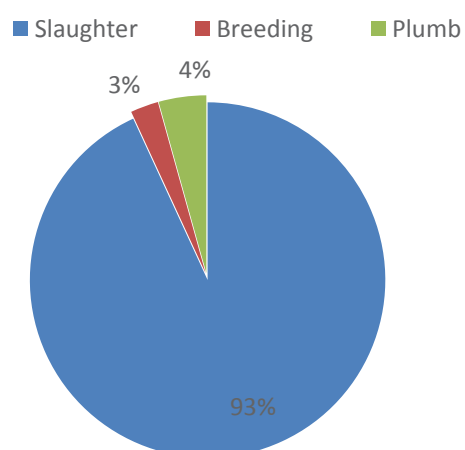
**Table 2.13: Value of change in cattle population in commercial farms, 2011**

Value in 000 AED

| Description            |           | Newborn calves | Older cattle |
|------------------------|-----------|----------------|--------------|
| <b>Total</b>           |           | <b>6,830</b>   | <b>9,387</b> |
| Sold                   | Slaughter | 5,809          | 6,171        |
|                        | Breeding  | 159            | 1,666        |
|                        | Plumb     | 270            | 0            |
| Slaughtered in holding |           | 38             | 0            |
| Gifts                  |           | 50             | 0            |
| Dead                   |           | 504            | 1550         |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Figure 2.5: Percentage distribution of value of newborn calves sold in commercial farms, 2011**



Source: Statistics center - Abu Dhabi

**Table 2.14: Number, area and farm capacity of broiler farm, 2011**

| Description     | Unit           | 2011       |
|-----------------|----------------|------------|
| Number of farms | Number         | 8          |
| Total capacity  | Bird           | 1,541,040  |
| Number of pens  | Number         | 112        |
| Total area      | m <sup>2</sup> | 145,254    |
| Number of birds | Number         | 16,988,080 |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.15: Number, area and farm capacity of layers farm, 2011**

| Description     | Unit           | 2011      |
|-----------------|----------------|-----------|
| Number of farms | Number         | 4         |
| Total capacity  | Bird           | 1,067,000 |
| Number of pens  | Number         | 34        |
| Total area      | m <sup>2</sup> | 42,832    |
| Number of birds | Number         | 925,370   |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.16: Number, area and farm capacity of cattle farms, 2011**

| Description     | Unit           | 2011    |
|-----------------|----------------|---------|
| Number of farms | Number         | 13      |
| Total capacity  | Head           | 20,055  |
| Number of pens  | Number         | 203     |
| Total area      | m <sup>2</sup> | 520,273 |
| Total of cattle | Head           | 17,475  |
| Dairy cattle    | Head           | 8,100   |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

**Table 2.17: Production in commercial farms by type, 2011**

| Type        | Unit     | 2011    |
|-------------|----------|---------|
| Broiler     | Tons     | 17,350  |
| Table eggs  | 1000 Egg | 150,541 |
| Cattle milk | Tons     | 70,975  |

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Food Control Authority

### **3. Fish production statistics**

### 3.1 Introduction

Fisheries is one of the most important sub-activities in the agricultural sector, as it contributes to the employment of labor and provides a decent life for a number of residents in the coastal areas, in addition to providing essential products for food consumption in the Emirate.

The global demand for fish is steadily increasing with the expectation it will continue to rise due to population growth and rising incomes. The Emirate of Abu Dhabi enjoys a coastal line that exceeds 500 kilometers, accommodating various marine lives. The UAE territorial water contains more than 200 islands of various size and historical and economic importance.

The amount of fish caught in 2011 totaled 3,922 tons, a decrease of 38% compared with 2010. The estimated value of fish production amounted to about AED 69.4 million and it was caught in around 23,448 fishing trips, including 81% with Tarad and 19% with Lansh.

Serranidae accounted for the highest value of caught fish, with AED 26.4 million or 38% of the total value of the catch in 2011. This was followed by Scombridae worth 13.1 million dirhams or 19%, Lethrinidae with AED 12.8 million or 18% and Carangidae with AED 8.1 million or 12% of the total value.

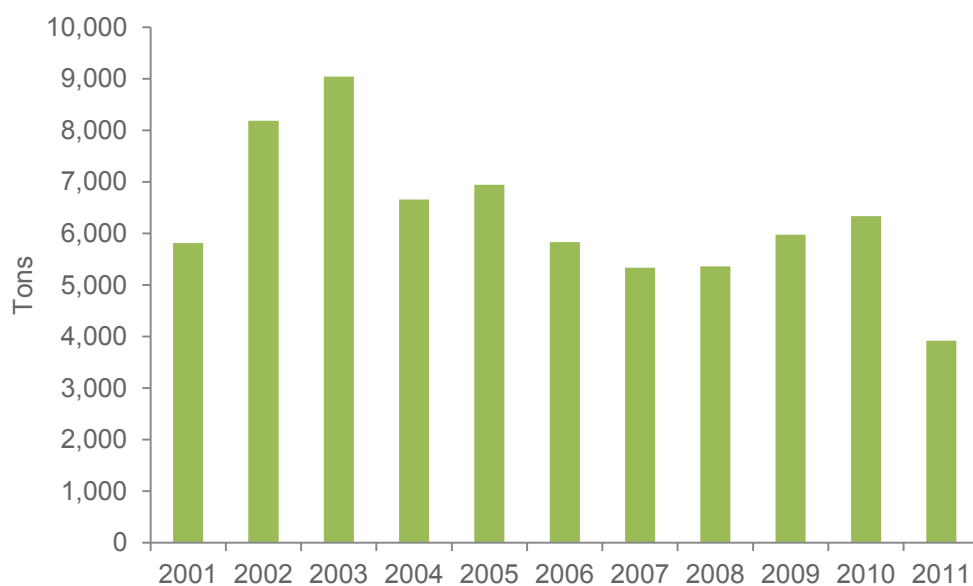
**Table 3.1 Quantity and value of fish caught, 2001 to 2011**

(Quantity in Tons, Value in Million AED)

| Year | Quantity | Value |
|------|----------|-------|
| 2001 | 5,814    | 35.2  |
| 2002 | 8,184    | 47.5  |
| 2003 | 9,042    | 74.4  |
| 2004 | 6,658    | 48.9  |
| 2005 | 6,942    | 49.5  |
| 2006 | 5,831    | 60.7  |
| 2007 | 5,337    | 63.2  |
| 2008 | 5,363    | 74.6  |
| 2009 | 5,977    | 104.8 |
| 2010 | 6,333    | 124.4 |
| 2011 | 3,922    | 69.4  |

Source: Environment Agency - Abu Dhabi

**Figure 3.1 Quantity of fish caught, 2001 to 2011**



Source: Environment Agency - Abu Dhabi

**Figure 3.2 Value of fish caught, 2001 to 2011**



Source: Environment Agency - Abu Dhabi

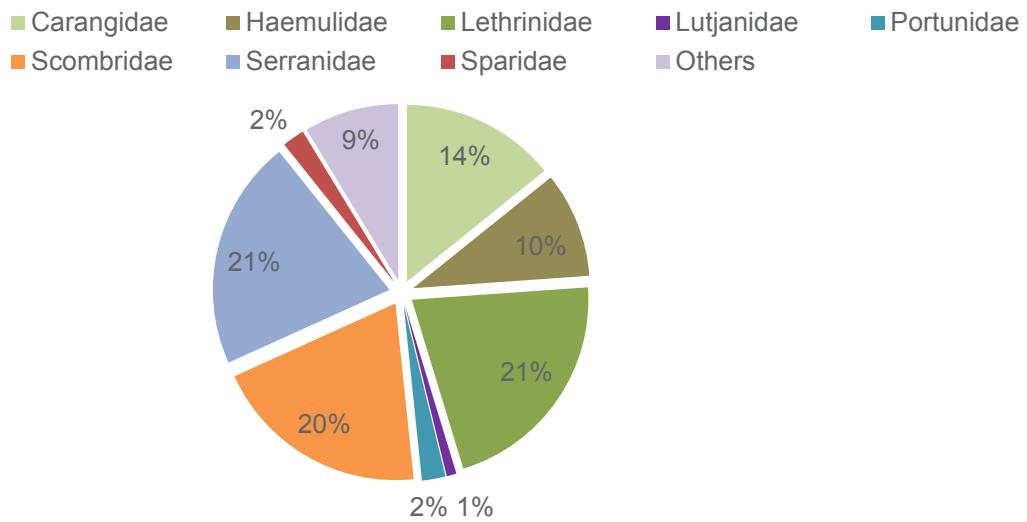
**Table 3.2 Quantity and value of fish caught by major fish families, 2010 and 2011**

(Quantity in Tons, Value in Million AED)

| Fish families | 2010         |              | 2011           |             |
|---------------|--------------|--------------|----------------|-------------|
|               | Quantity     | Value        | Quantity       | Value       |
| <b>Total</b>  | <b>6,333</b> | <b>124.4</b> | <b>3,921.9</b> | <b>69.4</b> |
| Carangidae    | 940          | 14.0         | 557.5          | 8.1         |
| Haemulidae    | 684          | 4.0          | 379.0          | 2.6         |
| Lethrinidae   | 927          | 13.7         | 839.4          | 12.8        |
| Lutjanidae    | 133          | 1.9          | 35.5           | 0.2         |
| Portunidae    | 76           | 1.2          | 84.9           | 1.6         |
| Scombridae    | 1,636        | 45.9         | 780.0          | 13.1        |
| Serranidae    | 1,022        | 34.7         | 824.8          | 26.4        |
| Sparidae      | 121          | 1.6          | 80.2           | 0.8         |
| Others        | 794          | 7.4          | 340.6          | 3.9         |

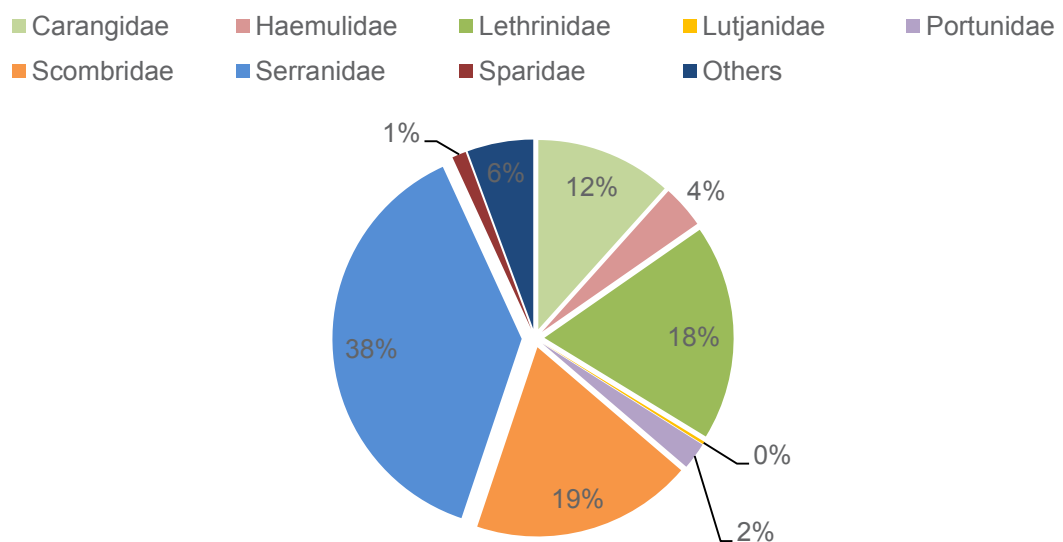
Source: Environment Agency - Abu Dhabi

**Figure 3.3 Percentage distribution of the quantity of fish caught by type, 2011**



Source: Statistics center - Abu Dhabi

**Figure 3.4 Percentage distribution of the value of fish caught by type, 2011**



Source: Statistics center - Abu Dhabi



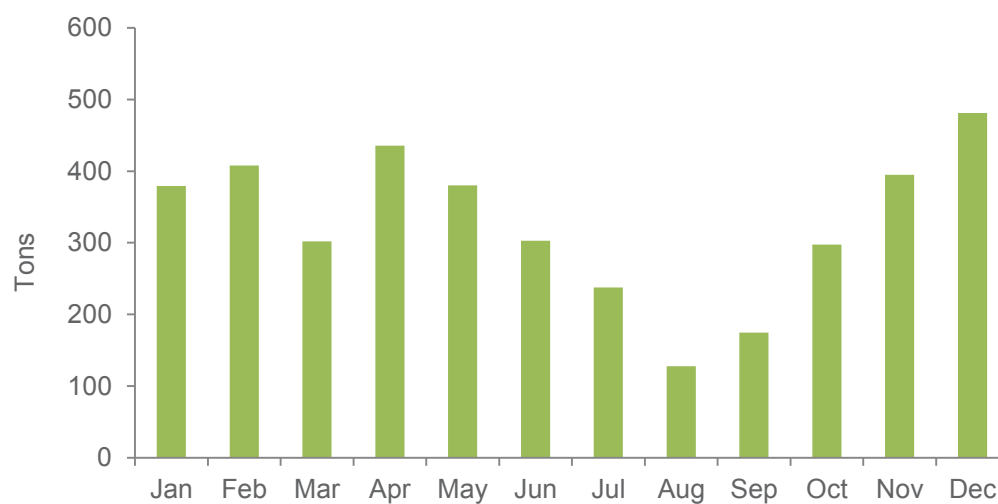
**Table 3.3 Quantity of fish caught by month, 2008 to 2011**

Quantity in Tons

| Month        | 2008         | 2009         | 2010         | 2011         |
|--------------|--------------|--------------|--------------|--------------|
| <b>Total</b> | <b>5,363</b> | <b>5,979</b> | <b>6,333</b> | <b>3,922</b> |
| Jan          | 596          | 681          | 1,386        | 380          |
| Feb          | 444          | 543          | 691          | 408          |
| Mar          | 684          | 524          | 472          | 302          |
| Apr          | 492          | 444          | 604          | 436          |
| May          | 414          | 532          | 514          | 380          |
| Jun          | 269          | 395          | 252          | 303          |
| Jul          | 239          | 196          | 212          | 238          |
| Aug          | 284          | 250          | 168          | 128          |
| Sep          | 191          | 194          | 170          | 175          |
| Oct          | 456          | 431          | 351          | 298          |
| Nov          | 813          | 540          | 737          | 395          |
| Dec          | 481          | 1,249        | 776          | 481          |

Source: Environment Agency - Abu Dhabi

**Figure 3.5 Quantity of fish caught by month, 2008 to 2011**



Source: Environment Agency - Abu Dhabi

**Table 3.4 Quantity of fish caught by major fish families and month, 2011**

Quantity in Tons

| month        | Carangi-<br>dae | Haemuli-<br>dae | Lethrini-<br>dae | Lutjani-<br>dae | Portuni-<br>dae | Scombri-<br>dae | Serrani-<br>dae | Spari-<br>dae | Others       | Total          |
|--------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|--------------|----------------|
| <b>Total</b> | <b>557.4</b>    | <b>379.0</b>    | <b>839.4</b>     | <b>35.5</b>     | <b>84.9</b>     | <b>780.0</b>    | <b>824.8</b>    | <b>80.2</b>   | <b>340.6</b> | <b>3,921.8</b> |
| Jan          | 39.4            | 24.1            | 61.2             | 0.0             | 3.5             | 97.2            | 67.1            | 19.7          | 66.8         | <b>379.0</b>   |
| Feb          | 30.7            | 42.7            | 89.8             | 0.2             | 4.3             | 97.2            | 99.6            | 16.4          | 27.1         | <b>408.0</b>   |
| Mar          | 34.7            | 37.0            | 75.3             | 0.1             | 3.1             | 19.4            | 83.4            | 8.0           | 41.0         | <b>302.0</b>   |
| Apr          | 57.5            | 47.7            | 130.0            | 15.1            | 5.0             | 22.3            | 106.2           | 4.7           | 46.5         | <b>435.0</b>   |
| May          | 73.8            | 60.8            | 104.0            | 2.9             | 4.4             | 3.9             | 105.8           | 2.9           | 21.5         | <b>380.0</b>   |
| Jun          | 91.9            | 33.8            | 86.0             | 3.1             | 4.2             | 2.8             | 61.8            | 4.1           | 15.3         | <b>303.0</b>   |
| Jul          | 39.9            | 29.0            | 59.7             | 5.0             | 4.4             | 1.9             | 66.2            | 5.7           | 26.2         | <b>238.0</b>   |
| Aug          | 19.8            | 19.3            | 27.4             | 2.4             | 5.0             | 3.3             | 43.8            | 1.5           | 5.5          | <b>128.0</b>   |
| Sep          | 41.2            | 21.0            | 21.6             | 3.0             | 5.7             | 17.8            | 43.8            | 2.6           | 18.1         | <b>174.8</b>   |
| Oct          | 53.1            | 18.1            | 49.8             | 3.1             | 8.4             | 100.7           | 43.7            | 1.9           | 19.2         | <b>298.0</b>   |
| Nov          | 38.9            | 21.0            | 49.3             | 0.2             | 14.5            | 179.0           | 59.0            | 1.8           | 31.3         | <b>395.0</b>   |
| Dec          | 36.5            | 24.5            | 85.3             | 0.4             | 22.4            | 234.5           | 44.4            | 10.9          | 22.1         | <b>481.0</b>   |

Source: Environment Agency - Abu Dhabi

**Table 3.5 Quantity of fish caught by major families and landing site, 2011**

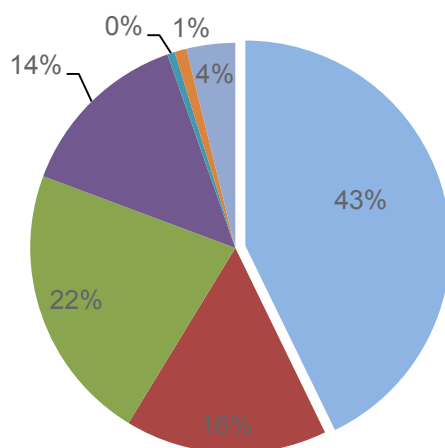
Quantity in tons

| Fish         | Free<br>Port   | Al Sadar     | Delma        | Marfa        | Al Bateen   | Al Saadiyat | Sila         | Total          |
|--------------|----------------|--------------|--------------|--------------|-------------|-------------|--------------|----------------|
| <b>Total</b> | <b>1,678.5</b> | <b>624.4</b> | <b>861.5</b> | <b>546.7</b> | <b>23.3</b> | <b>36.9</b> | <b>150.6</b> | <b>3,921.9</b> |
| Carangidae   | 195.1          | 182.6        | 66.0         | 72.2         | 2.3         | 1.2         | 38.1         | 557.5          |
| Haemulidae   | 238.8          | 0.4          | 111.4        | 3.2          | 0.7         | 0.4         | 24.1         | 379.0          |
| Lethrinidae  | 404.9          | 68.1         | 214.7        | 138.9        | 0.1         | 0.2         | 12.5         | 839.4          |
| Lutjanidae   | 5.7            | 0.0          | 0.4          | 14.6         | 6.7         | 8.0         | 0.1          | 35.5           |
| Portunidae   | 73.5           | 0.1          | 4.9          | 1.8          | 1.5         | 0.7         | 2.4          | 84.9           |
| Scombridae   | 41.5           | 268.7        | 318.9        | 86.5         | 6.6         | 6.4         | 51.4         | 780.0          |
| Serranidae   | 556.3          | 48.9         | 119.4        | 85.8         | 0.2         | 0.2         | 14.0         | 824.8          |
| Sparidae     | 64.4           | 0.0          | 1.9          | 9.7          | 0.5         | 3.3         | 0.4          | 80.2           |
| Others       | 98.3           | 55.6         | 23.9         | 134.0        | 4.7         | 16.5        | 7.6          | 340.6          |

Source: Environment Agency - Abu Dhabi

**Figure 3.6 Percentage distribution of the value of fish catch by landing sit, 2011**

Free Port Al Sadar Delma Marfa Al Bateen Al Saadiyat Sila



Source: Statistics center - Abu Dhabi

**Table 3.6 Value of fish caught by major families and landing site, 2011**

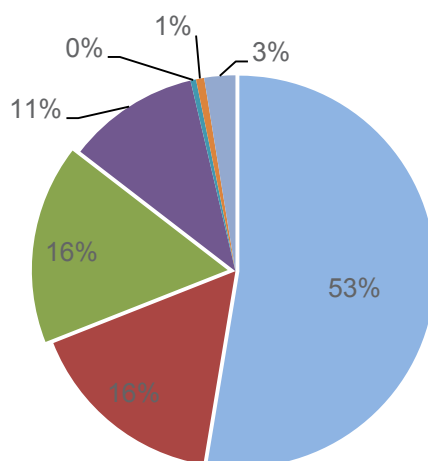
Value in 000 AED

| Fish         | Free Port       | Al Sadar        | Delma           | Marfa          | Al Bateen    | Al Saadiyat  | Sila           | Total           |
|--------------|-----------------|-----------------|-----------------|----------------|--------------|--------------|----------------|-----------------|
| <b>Total</b> | <b>36,505.4</b> | <b>11,372.4</b> | <b>11,397.7</b> | <b>7,534.5</b> | <b>317.9</b> | <b>467.6</b> | <b>1,775.9</b> | <b>69,371.4</b> |
| Carangidae   | 3,995.7         | 2,275.6         | 870.5           | 386.7          | 30.5         | 9.2          | 506.9          | 8,075.1         |
| Haemulidae   | 2,034.0         | 6.9             | 404.1           | 7.2            | 9.5          | 5.7          | 89.2           | 2,556.6         |
| Lethrinidae  | 6,622.6         | 977.1           | 2,824.9         | 2,175.4        | 1.6          | 3.2          | 163.8          | 12,768.6        |
| Lutjanidae   | 68.7            | 0.1             | 2.2             | 7.1            | 38.2         | 42.9         | 0.4            | 159.6           |
| Portunidae   | 1,514.1         | 1.4             | 22.8            | 8.9            | 30.2         | 11.8         | 9.4            | 1,598.6         |
| Scombridae   | 963.7           | 6,212.1         | 4,101.2         | 1,082.6        | 102.9        | 43.0         | 600.3          | 13,105.8        |
| Serranidae   | 19,400.3        | 1,412.3         | 2,979.8         | 2,170.8        | 10.1         | 11.1         | 373.6          | 26,358.0        |
| Sparidae     | 656.3           | 0.0             | 17.8            | 88.2           | 8.8          | 59.6         | 4.2            | 834.9           |
| Others       | 1,250.0         | 486.9           | 174.4           | 1,607.6        | 86.1         | 281.1        | 28.1           | 3,914.2         |

Source: Environment Agency - Abu Dhabi

**Figure 3.7 Percentage distribution of the value of fish caught by landing site, 2011**

Free Port Al Sadar Delma Marfa Al Bateen Al Saadiyat Sila



Source: Statistics center - Abu Dhabi

**Table 3.7 Quantity of fish caught by type of boat and fishing methods, 2011**

Quantity in tons

| Fish         | Lansh         |              | Tarad       |             |              |            | Total         |
|--------------|---------------|--------------|-------------|-------------|--------------|------------|---------------|
|              | Gargoor       | Defara       | Hadhra      | Sakhar      | Ghazal       | Hadaq      |               |
| <b>Total</b> | <b>1863.9</b> | <b>213.1</b> | <b>34.8</b> | <b>96.4</b> | <b>833.9</b> | <b>880</b> | <b>3921.9</b> |
| Carangidae   | 169.7         | 44.7         | 1.2         | 2.5         | 90.9         | 248.5      | 557.5         |
| Haemulidae   | 368.8         | 1.3          | 2.4         | 0.6         | 0.1          | 5.8        | 379.0         |
| Lethrinidae  | 433.2         | 110.8        | 0.2         | 1.2         | 5.4          | 288.6      | 839.4         |
| Lutjanidae   | 4.4           | 0.1          | 27.4        | 1.7         | 0            | 1.9        | 35.5          |
| Portunidae   | 80.7          | 0.1          | 0.7         | 1.6         | 1.8          | 0          | 84.9          |
| Scombridae   | 0.6           | 11.2         | 0           | 0.6         | 655.7        | 111.9      | 780.0         |
| Serranidae   | 654.5         | 2.9          | 0           | 0.5         | 2.4          | 164.5      | 824.8         |
| Sparidae     | 66            | 9.8          | 0.3         | 3.2         | 0.1          | 0.8        | 80.2          |
| Others       | 86            | 32.2         | 2.6         | 84.5        | 77.5         | 58         | 340.6         |

Source: Environment Agency - Abu Dhabi

**Table 3.8 Quantity and value of Carangidae family fish by type, 2011**

(Quantity in Tons, Value in 000 AED)

| Type                        | Quantity     | Value          |
|-----------------------------|--------------|----------------|
| <b>Total</b>                | <b>557.5</b> | <b>8,075.2</b> |
| Alepes Vari                 | 0.2          | 2.1            |
| Atule mata                  | 92           | 777.2          |
| Carangoides bajad           | 157.9        | 3,061.9        |
| Carangoides fulvoguttatus   | 30.6         | 569.3          |
| Carangoides malabaricus     | 3.8          | 72.6           |
| Caranx heberi               | 1            | 13.9           |
| Caranx ignobilis            | 6.6          | 105.6          |
| Sima                        | 0            | 0.1            |
| Gnathanodon speciosus       | 87.7         | 2,772.6        |
| Parastromateus niger        | 0.1          | 1.9            |
| Scomberoides commersonianus | 122.6        | 434.9          |
| Scomberoides tol            | 52.6         | 208.9          |
| Seriola dumerili            | 0.6          | 7.6            |
| Seriolina nigrofasciata     | 1            | 44.2           |
| Leef                        | 0.8          | 2.4            |

Source: Environment Agency - Abu Dhabi

**Table 3.9 Quantity and value of Haemulidae family fish by type, 2011**

(Quantity in Tons, Value in 000 AED)

| Type                     | Quantity   | Value          |
|--------------------------|------------|----------------|
| <b>Total</b>             | <b>379</b> | <b>2,556.6</b> |
| Diagrammapictus          | 329.2      | 2,266.4        |
| Plectorhinchus gaterinus | 11.8       | 80.9           |
| Plectorhinchus Pictus    | 0          | 0.0            |
| Plectorhinchus sordidus  | 35.7       | 173.3          |
| Pomadasys argenteus      | 2.3        | 36.0           |

Source: Environment Agency - Abu Dhabi

**Table 3.10 Quantity and value of Lethrinidae family fish by type, 2011**

(Quantity in Tons, Value in 000 AED)

| Type                 | Quantity     | Value           |
|----------------------|--------------|-----------------|
| <b>Total</b>         | <b>839.4</b> | <b>12,768.6</b> |
| Lethrinus borbonicus | 78.3         | 515.1           |
| Lethrinus lentjan    | 93.5         | 1,751.7         |
| Lethrinus microdon   | 54.7         | 365.4           |
| Lethrinus nebulosus  | 612.9        | 10,136.4        |

Source: Environment Agency - Abu Dhabi

**Table 3.11 Quantity and value of Lutjanidae family fish by type, 2011**

(Quantity in Tons, Value in 000 AED)

| Type                      | Quantity    | Value        |
|---------------------------|-------------|--------------|
| <b>Total</b>              | <b>35.5</b> | <b>159.5</b> |
| Lutjanus argentimaculatus | 0.2         | 5.0          |
| Lutjanus ehrenbergii      | 16.8        | 92.1         |
| Lutjanus fulviflamma      | 16.8        | 22.2         |
| Lutjanus malabancus       | 0.3         | 6.4          |
| Lutjanus russelli         | 0.5         | 14.3         |
| Pinjalo pinjalo           | 0.9         | 19.5         |

Source: Environment Agency - Abu Dhabi

**Table 3.12 Quantity and value of Portunidae family fish by type, 2011**

(Quantity in Tons, Value in 000 AED)

| Type               | Quantity    | Value          |
|--------------------|-------------|----------------|
| <b>Total</b>       | <b>84.9</b> | <b>1,598.6</b> |
| Charybdis natator  | 5.2         | 61.9           |
| Portunus pelagicus | 79.7        | 1,536.7        |

Source: Environment Agency - Abu Dhabi

**Table 3.13 Quantity and value of Scombridae family fish by type, 2011**

(Quantity in Tons, Value in 000 AED)

| Type                    | Quantity     | Value           |
|-------------------------|--------------|-----------------|
| <b>Total</b>            | <b>780.0</b> | <b>13,105.8</b> |
| Auxis thazard           | 15.3         | 229.8           |
| Euthynnus affinis       | 1.4          | 12.0            |
| Rastrelliger kanagurta  | 0.0          | 0.0             |
| Scomberomorus commerson | 763.3        | 12,864.0        |

Source: Environment Agency - Abu Dhabi

**Table 3.14 Quantity and value of Serranidae family fish by type, 2011**

(Quantity in Tons, Value in 000 AED)

| Type                      | Quantity     | Value           |
|---------------------------|--------------|-----------------|
| <b>Total</b>              | <b>824.8</b> | <b>26,358.0</b> |
| Cephalopholis hemistiktos | 0.1          | 0.5             |
| Epinephelus areolatus     | 0.5          | 10.7            |
| Epinephelus coioides      | 824.2        | 26,346.8        |

Source: Environment Agency - Abu Dhabi

**Table 3.15 Quantity and value of Sparidae family fish by type, 2011**

(Quantity in Tons, Value in 000 AED)

| Type                      | Quantity    | Value        |
|---------------------------|-------------|--------------|
| <b>Total</b>              | <b>80.2</b> | <b>834.9</b> |
| Acanthopagrus bifasciatus | 34          | 253.7        |
| Acanthopagrus latus       | 18          | 256.3        |
| Argyrops spinifer         | 10.3        | 147.8        |
| Rhabdosargus sarba        | 17.7        | 174.7        |
| Sparidentex hasta         | 0.2         | 2.4          |

Source: Environment Agency - Abu Dhabi

**Table 3.16 Quantity and value of Sparidae family fish by type, 2011**

(Quantity in Tons, Value in 000 AED)

| Type                      | Quantity     | Value          |
|---------------------------|--------------|----------------|
| <b>Total</b>              | <b>340.6</b> | <b>3,913.9</b> |
| Anus thalassinus          | 17.3         | 57.6           |
| Belonidas et al           | 2.1          | 6.3            |
| Carcharhinidae et al      | 40.8         | 182.1          |
| Chanos chnos              | 1.4          | 20.8           |
| Nematalosa nasus          | 0            | 0.0            |
| Echeneis naucrates        | 0            | 0.0            |
| Ephippidae et al          | 35.8         | 117.6          |
| Gerres longirostris       | 45.4         | 745.8          |
| Mixed species             | 2.8          | 21.5           |
| Monodactylus argenteus    | 0.2          | 1.6            |
| Valamugil seheli          | 32.5         | 809.8          |
| Other Scombridae          | 0.2          | 4.2            |
| Scolopsis taeniatus       | 7.5          | 49.1           |
| Platycephalus indicus     | 0            | 0.1            |
| Pomacanthus maculosus     | 0.7          | 3.4            |
| Rachycentron canadum      | 35.3         | 612.9          |
| Rhinobatidae et al        | 0            | 0.1            |
| Scarus ghobban            | 1            | 26.0           |
| Sepia pharaonis           | 2.7          | 41.6           |
| Siganus canaliculatus     | 17.8         | 342.1          |
| Siganus javus             | 0.1          | 2.3            |
| Sphyraena barracuda       | 12.6         | 102.1          |
| Sphyraena jello           | 57.8         | 473.8          |
| Pampus argenteus          | 8.1          | 50.5           |
| Sphyrna lewini            | 0.5          | 4.7            |
| Sphyrna mokarran          | 3.8          | 36.9           |
| Carcharhinus dussumieri   | 1.4          | 13.7           |
| Carcharhinus limbatus     | 0.9          | 9.4            |
| Carcharhinus macloti      | 0.2          | 5.9            |
| Carcharhinus melanopterus | 0.2          | 2.0            |
| Carcharhinus sorrah       | 1.3          | 13.1           |
| Loxodon macrorhinus       | 0.1          | 2.8            |
| Rhizoprionodon acutus     | 3.4          | 86.0           |
| Rhynchorhamphus georgii   | 6.2          | 61.6           |
| Choerodon robustus        | 0.2          | 6.1            |
| Arothron stellatus        | 0.3          | 0.4            |

Source: Environment Agency - Abu Dhabi



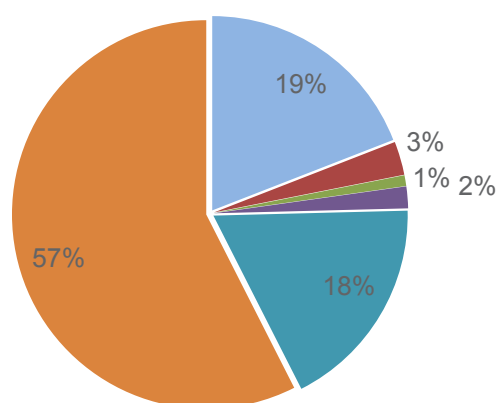
**Table 3.17 Total number of trip by landing site, boat and type combination, 2011**

| Site Landing | Lansh        | Tarad      |            |            |              |               | Total         |
|--------------|--------------|------------|------------|------------|--------------|---------------|---------------|
|              | Gargoor      | Defara     | Hadhra     | Sakkar     | Ghazal       | Hadaq         |               |
| <b>Total</b> | <b>4,476</b> | <b>655</b> | <b>211</b> | <b>425</b> | <b>4,203</b> | <b>13,477</b> | <b>23,447</b> |
| Al Bateen    | 0            | 9          | 62         | 32         | 44           | 4             | 151           |
| Al Saadiyat  | 0            | 10         | 58         | 198        | 23           | 4             | 293           |
| Al Sadar     | 18           | 0          | 0          | 0          | 1,424        | 2,754         | 4,196         |
| Delma Island | 1,160        | 0          | 0          | 0          | 1,724        | 4,635         | 7,519         |
| Free Port    | 3,078        | 0          | 0          | 0          | 100          | 570           | 3,748         |
| Marfa        | 0            | 636        | 91         | 195        | 621          | 3,067         | 4,610         |
| Sila         | 220          | 0          | 0          | 0          | 267          | 2,443         | 2,930         |

Source: Environment Agency - Abu Dhabi

**Figure 3.8 Percentage distribution of trip by landing site, 2011**

■ Gargoor ■ Defara ■ Hadhra ■ Sakkar ■ Ghazal ■ Hadaq



Source: Statistics center - Abu Dhabi

**Table 3.18 Total number of trips by month and landing site, 2011**

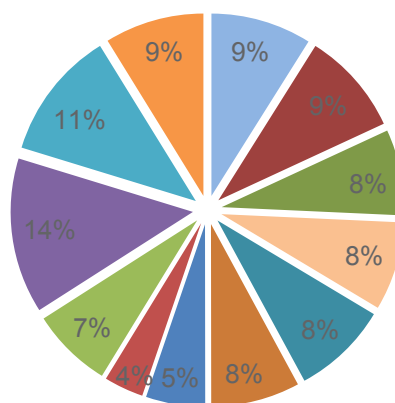
Quantity in Tons

| Month        | Al Bateen  | Al Saadiyat | Al Sadar     | Delma Island | Free Port    | Marfa        | Sila         | Total         |
|--------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|---------------|
| <b>Total</b> | <b>152</b> | <b>292</b>  | <b>4,196</b> | <b>7,519</b> | <b>3,748</b> | <b>4,610</b> | <b>2,930</b> | <b>23,447</b> |
| Jan          | 13         | 29          | 465          | 519          | 252          | 462          | 355          | 2,095         |
| Feb          | 7          | 14          | 492          | 431          | 328          | 545          | 332          | 2,149         |
| Mar          | 6          | 11          | 395          | 469          | 244          | 449          | 214          | 1,788         |
| Apr          | 17         | 29          | 375          | 396          | 363          | 486          | 177          | 1,843         |
| May          | 9          | 15          | 347          | 589          | 356          | 474          | 203          | 1,993         |
| Jun          | 15         | 27          | 231          | 558          | 318          | 420          | 282          | 1,851         |
| Jul          | 16         | 26          | 155          | 378          | 298          | 240          | 120          | 1,233         |
| Aug          | 14         | 27          | 70           | 248          | 264          | 116          | 84           | 823           |
| Sep          | 5          | 14          | 207          | 645          | 258          | 279          | 280          | 1,688         |
| Oct          | 23         | 47          | 458          | 1,469        | 276          | 480          | 479          | 3,232         |
| Nov          | 17         | 33          | 675          | 897          | 350          | 393          | 322          | 2,687         |
| Dec          | 10         | 20          | 326          | 920          | 441          | 266          | 82           | 2,065         |

Source: Environment Agency - Abu Dhabi

**Figure 3.9 Percentage distribution of trip by landing site, 2011**

■ Jan ■ Feb ■ Mar ■ Apr ■ May ■ Jun ■ Jul ■ Aug ■ Sep ■ Oct ■ Nov ■ Dec



Source: Statistics center - Abu Dhabi

**Table 3.19 Total number of fishermen and fishing boats, 2008 to 2011**

| Year | Number of Fishermen | Number of Fishing boats |       |       |
|------|---------------------|-------------------------|-------|-------|
|      |                     | Tarad                   | Lansh | Total |
| 2008 | 4620                | 326                     | 774   | 1100  |
| 2009 | 4620                | 326                     | 774   | 1100  |
| 2010 | 4400                | 310                     | 741   | 1051  |
| 2011 | 4542                | 318                     | 767   | 1085  |

Source: Environment Agency - Abu Dhabi

## **Explanatory notes**

### **Data sources**

Abu Dhabi food control authority, Environment Agency - Abu Dhabi and Department of Municipal Affairs (Abu Dhabi, Al Ain and Al Gharbia).

## **Technical notes**

### **Methodology adopted**

The statistics center – Abu Dhabi (SCAD) was covetous to follow the latest statistical methodologies in data collection and processing and in estimating indicators related to livestock and commercial farms.

### **Notes on tables**

Some figures have been rounded to the nearest final digit shown. Consequently, discrepancies may exist within a table between totals and sums of constituent items.

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

For more information about livestock statistics and agricultural statistics, please visit the statistics link on the SCAD website at <http://www.scad.ae>

The next release is expected in September 2013 for 2012 data.

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