2020

مـركـز الإحـصـاء
STATISTICS CENTRE

Livestock Statistics and Fisheries Statistics

2019

Contents

List of Tables

3. Fish Production Statistics

Introduction

The livestock sector contributes to the diversification of income sources, food security and job creation, it also provides some households needs (within the secondary activities), where many households raise animals to meet their needs and sell the surplus.

The livestock sector, which includes livestock, commercial farms and fisheries, pays a great attention to breeding using advanced methods, especially in poultry and cattle breeding. The sector also contributes to the national income.

This bulletin highlights in details the fields related to the livestock sector; it includes a large number of significant indicators that help to study and analyze trends in the sector. This will help to create future plans and strategies to achieve sustainable development in line with Abu Dhabi.

The second edition of the bulletin includes detailed data on livestock numbers by type, gender and age groups, it also provide data on commercial farms, which are classified into cattle farms, broiler chicken farms, layers chicken farms and mother hens farms. A farm may specialize in one type or more of livestock production. This publication contains data on fisheries, which is one of the most important sub-activities in the sector.

Summary of Indicators

The bulletin consists of a number of charts and table that include detailed statistical data of the livestock sector for 2019. The key indicators of Abu Dhabi of livestock sector are listed below:

Livestock Statistics (Traditional Holdings)

Indicator		
Number of Animal Holdings	number	25,087
Number of Sheep	number	1,662,890
Number of Goats	number	1,316,678
Number of Cattle	number	50,435
Number of Camels	number	442,018

Commercial Farms Statistics

Indicator		
Number of Broiler Farms	number	11
Number of Layer Farms	number	9
Number of Parent Stock Farms	number	2
Number of Cattle's Farms	number	16
Number of Cattle's	number	30,000
Number of Milking Cows	number	14,940
Quantity of Cow Milk	ton	150,305
Quantity of Chicken Meat	ton	24,632
Quantity of Table Eggs Production	000 egg	566,359
Quantity of Hatchery Eggs Production	000 egg	20,205
Quantity of Organizing Manure	ton	187,728

Fish Production Statistics

Indicator		
Quantity of Fish Catch	ton	2,598.0
Value of Fish Catch	Million AED	57.2
Number of Fishermen	No.	3,894.0
Number of Fishing Boats	No.	862.0

1. Livestock Statistics

1.1 Livestock Statistics

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 emirate of Abu Dhabi.

The statistics Centre – Abu Dhabi (SCAD) 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 2019.

Table 1.1: Number of livestock in Traditional Holdings by Type, 2014 to 2019

Year	Total	Sheep	Goats	Cattle	Camles
2014	**3,403,088**	1,722,965	1,272,385	30,010	377,728
2015	**3,519,561**	1,772,778	1,311,699	51,197	383,887
2016	**3,514,570**	1,760,553	1,312,803	46,990	394,224
2017	**3,545,000**	1,757,481	1,337,090	41,959	408,470
2018	**3,599,749**	1,771,922	1,382,341	40,326	405,160
2019	**3,472,021**	1,662,890	1,316,678	50,435	442,018

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.2: Number of livestock Holdings by Region in Traditional Holdings, 2014 to 2019

Region	2014	2015	2016	2017	2018	2019
Total	**23,730**	**24,337**	**25,171**	**25,200**	**24,189**	**25,087**
Abu Dhabi Region	4,539	5,303	5,598	4,493	4,983	5,183
Al Ain Region	14,948	14,626	15,099	16,211	14,895	15,462
Al Dhafra Region	4,243	4,408	4,474	4,496	4,311	4,442

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 1.1: Percentage Distributions for livestock Holdings by Region, 2019

■ Abu Dhabi Region   ■ Al Ain Region   ■ Al Dhafra Region
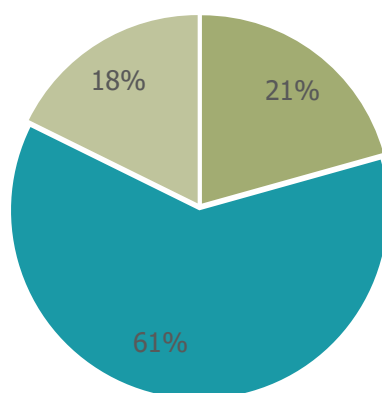
Source: Statistics Centre - Abu Dhabi

Table 1.3: Number of Sheep by Sex, Age Classes and Region, 2019

Region	Total	Male			Female		
		Less than one year	One year and above	Total	Less than one year	One year and above	Total
Total	**1,662,890**	**121,516**	**85,422**	**206,938**	**271,636**	**1,184,316**	**1,455,952**
Abu Dhabi Region	321,904	23,513	16,546	40,059	51,725	230,120	281,845
Al Ain Region	1,062,318	77,644	54,555	132,199	170,217	759,902	930,119
Al Dhafra Region	278,668	20,359	14,321	34,680	49,694	194,294	243,988

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 1.2: Percentage Distribution of Number of Sheep by Age Classes, 2019

■ Less than one year ■ One year and above
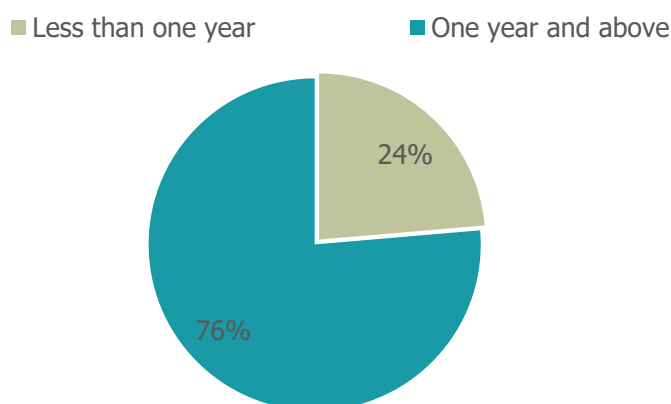
Source: Statistics Centre - Abu Dhabi

Figure 1.3: Percentage Distribution of Number of Sheep by Sex, 2019
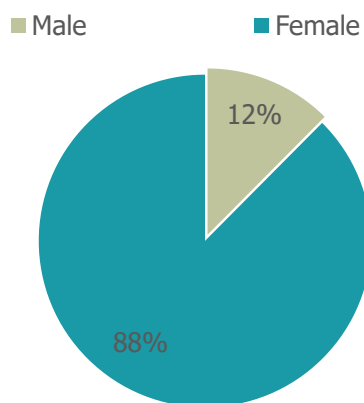
■ Male ■ Female

Source: Statistics Centre - Abu Dhabi

Table 1.4: Number of Sheep by Sex, Age Classes and Region in Abu Dhabi Region, 2019

Region	Total	Male			Female		
		Less than one year	One year and above	Total	Less than one year	One year and above	Total
Total	321,904	23,513	16,546	40,059	51,725	230,120	281,845
Al khatam	191,154	13,962	9,826	23,788	30,715	136,651	167,366
Al Samha	69,067	5,046	3,549	8,595	11,098	49,374	60,472
Al Wathba	61,683	4,505	3,171	7,676	9,912	44,095	54,007

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.5: Number of Sheep by Sex, Age Classes and Region in Al Ain Region, 2019

Region	Total	Male			Female		
		Less than one year	One year and above	Total	Less than one year	One year and above	Total
Total	1,062,318	77,644	54,555	132,199	170,217	759,902	930,119
Al Hayar	72,559	5,304	3,726	9,030	11,624	51,905	63,529
Myzad	27,034	1,976	1,388	3,364	4,330	19,340	23,670
Al Wagan	65,898	4,818	3,382	8,200	10,557	47,141	57,698
Suwehan	37,337	2,730	1,916	4,646	5,982	26,709	32,691
Alqatara	15,369	1,124	789	1,913	2,462	10,994	13,456
Masaken	58,749	4,295	3,016	7,311	9,411	42,027	51,438
Zakher	66,806	4,884	3,430	8,314	10,704	47,788	58,492
Al Faqa	52,077	3,807	2,674	6,481	8,342	37,254	45,596
Al Araad	26,801	1,959	1,376	3,335	4,294	19,172	23,466
Al Shuwab	134,483	9,832	6,903	16,735	21,543	96,205	117,748
Malaqet	33,685	2,462	1,730	4,192	5,396	24,097	29,493
Al Nyadat	53,068	3,879	2,725	6,604	8,502	37,962	46,464
Abu Samra	86,649	6,335	4,448	10,783	13,882	61,984	75,866
Seh Sabra	55,287	4,042	2,838	6,880	8,858	39,549	48,407
Al Yahar	64,598	4,717	3,322	8,039	10,350	46,209	56,559
Al Khazna	63,686	4,653	3,272	7,925	10,234	45,527	55,761
Al Quaa	148,232	10,827	7,620	18,447	23,746	106,039	129,785

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.6: Number of Sheep by Sex, Age Classes and Region in Al Dhafra Region, 2019

Region	Total	Male			Female		
		Less than one year	One year and above	Total	Less than one year	One year and above	Total
Total	**278,668**	**20,359**	**14,321**	**34,680**	**49,694**	**194,294**	**243,988**
Al Tharwanea	42,379	3,096	2,178	5,274	7,558	29,547	37,105
Al Marfaa	6,771	494	349	843	1,207	4,721	5,928
Madenat Zayed	82,889	6,054	4,261	10,315	14,781	57,793	72,574
Khanoor	22,798	1,666	1,172	2,838	4,066	15,894	19,960
Dalma	3,432	254	173	427	610	2,395	3,005
Mzera'a	43,249	3,159	2,223	5,382	7,713	30,154	37,867
Al Selaa	23,629	1,726	1,215	2,941	4,214	16,474	20,688
Ghayathi	53,521	3,910	2,750	6,660	9,545	37,316	46,861

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.7: Number of Goats by Sex, Age Classes and Region, 2019

Region	Total	Male			Female		
		Less than one year	One year and above	Total	Less than one year	One year and above	Total
Total	**1,316,678**	**119,399**	**57,360**	**176,759**	**197,438**	**942,481**	**1,139,919**
Abu Dhabi Region	230,988	20,926	10,083	31,009	34,626	165,353	199,979
Al Ain Region	911,877	82,703	39,713	122,416	136,796	652,665	789,461
Al Dhafra Region	173,813	15,770	7,564	23,334	26,016	124,463	150,479

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 1.4: Percentage Distribution of Number of Goats by Age Classes, 2019

■ Less than one year ■ One year and above

24%

76%
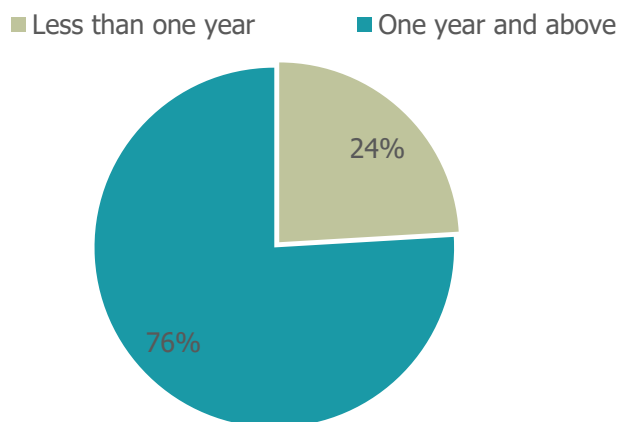
Source: Statistics Centre - Abu Dhabi

Figure 1.5: **Percentage Distribution of Number of Goats by Sex, 2019**
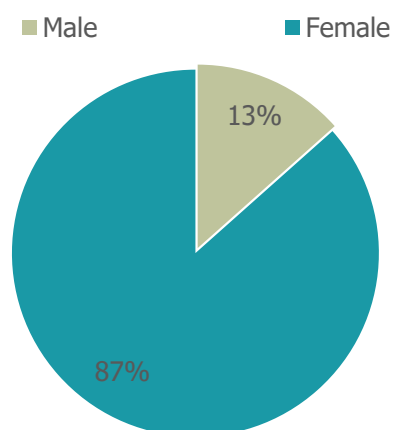
■ Male   ■ Female

Source: Statistics Centre - Abu Dhabi

Table 1.8: **Number of Goats by Sex, Age Classes and Region in Abu Dhabi Region, 2019**

Region	Total	Male			Female		
		Less than one year	One year and above	Total	Less than one year	One year and above	Total
Total	**230,988**	**20,926**	**10,083**	**31,009**	**34,626**	**165,353**	**199,979**
Al khatam	123,270	11,167	5,381	16,548	18,482	88,240	106,722
Al Samha	64,433	5,837	2,813	8,650	9,657	46,126	55,783
Al Wathba	43,285	3,922	1,889	5,811	6,487	30,987	37,474

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.9: **Number of Goats by Sex, Age Classes and Region in Al Ain Region, 2019**

Region	Total	Male			Female		
		Less than one year	One year and above	Total	Less than one year	One year and above	Total
Total	911,877	82,703	39,713	122,416	136,796	652,665	789,461
Al Hayar	64,037	5,809	2,788	8,597	9,606	45,834	55,440
Myzad	21,195	1,922	923	2,845	3,179	15,171	18,350
Al Wagan	61,942	5,618	2,697	8,315	9,292	44,335	53,627
Suwehan	34,125	3,095	1,486	4,581	5,119	24,425	29,544
Alqatara	13,861	1,257	604	1,861	2,079	9,921	12,000
Masaken	59,517	5,398	2,592	7,990	8,928	42,599	51,527
Zakher	40,476	3,671	1,763	5,434	6,072	28,970	35,042
Al Faqa	56,636	5,138	2,465	7,603	8,495	40,538	49,033
Al Araad	24,116	2,187	1,051	3,238	3,618	17,260	20,878
Al Shuwab	86,217	7,819	3,755	11,574	12,932	61,711	74,643
Malaqet	22,727	2,063	988	3,051	3,410	16,266	19,676
Al Nyadat	67,403	6,113	2,936	9,049	10,112	48,242	58,354
Abu Samra	60,751	5,510	2,646	8,156	9,114	43,481	52,595
Seh Sabra	36,382	3,298	1,586	4,884	5,458	26,040	31,498
Al Yahar	47,267	4,286	2,059	6,345	7,090	33,832	40,922
Al Khazna	94,343	8,556	4,109	12,665	14,155	67,523	81,678
Al Quaa	120,882	10,963	5,265	16,228	18,137	86,517	104,654

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.10: **Number of Goats by Sex, Age Classes and Region in Al Dhafra Region, 2019**

Region	Total	Male			Female		
		Less than one year	One year and above	Total	Less than one year	One year and above	Total
Total	173,813	15,770	7,564	23,334	26,016	124,463	150,479
Al Tharwanea	29,204	2,650	1,271	3,921	4,373	20,910	25,283
Al Marfaa	11,754	1,072	506	1,578	1,763	8,413	10,176
Madenat Zayed	37,198	3,382	1,612	4,994	5,566	26,638	32,204
Khanoor	9,709	876	427	1,303	1,454	6,952	8,406
Dalma	8,109	736	353	1,089	1,214	5,806	7,020
Mzera'a	35,370	3,210	1,538	4,748	5,287	25,335	30,622
Al Selaa	16,873	1,522	743	2,265	2,526	12,082	14,608
Ghayathi	25,596	2,322	1,114	3,436	3,833	18,327	22,160

Source: Abu Dhabi Agriculture and Food Safety Authority
* Preliminary estimates (Statistics Centre - Abu Dhabi)

Table 1.11: Number of Cattle by Sex, Age Classes and Region, 2019

Region	Total	Male			Female		
		Less than 3 years	3 years and above	Total	Less than 3 years	3 years and above	Total
Total	**50,435**	**6,462**	**5,258**	**11,720**	**10,395**	**28,320**	**38,715**
Abu Dhabi Region	7,063	905	736	1,641	1,467	3,955	5,422
Al Ain Region	42,467	5,441	4,428	9,869	8,740	23,858	32,598
Al Dhafra Region	905	116	94	210	188	507	695

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 1.6: Percentage Distribution of Number of Cattle by Age Classes, 2019

■ Less than 3 years   ■ 3 years and above

33%

67%
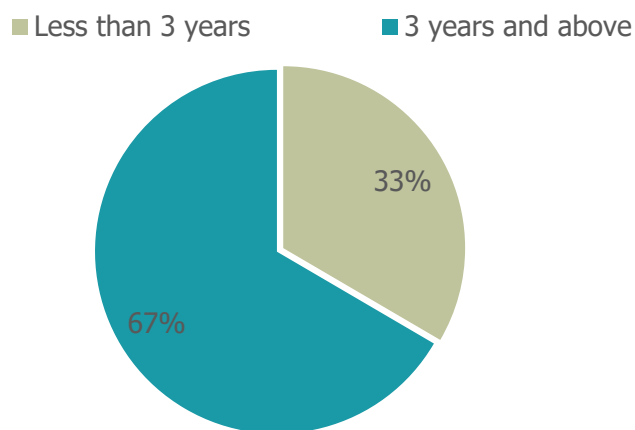
Source: Statistics Centre - Abu Dhabi

Figure 1.7: Percentage Distribution of Number of Cattle by Sex, 2019

■ Male   ■ Female

23%

77%
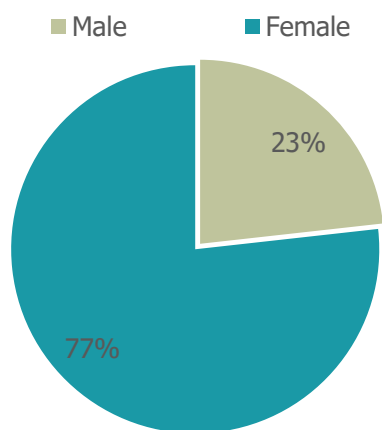
Source: Statistics Centre - Abu Dhabi

Table 1.12: Number of Cattle by Sex, Age Classes and Region in Abu Dhabi Region, 2019

Region	Total	Male			Female		
		Less than 3 years	3 years and above	Total	Less than 3 years	3 years and above	Total
Total	7,063	905	736	1,641	1,467	3,955	5,422
Al khatam	4,321	553	451	1,004	897	2,420	3,317
Al Samha	974	125	101	226	202	546	748
Al Wathba	1,768	227	184	411	368	989	1,357

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.13: Number of Cattle by Sex, Age Classes and Region in Al Ain Region, 2019

Region	Total	Male			Female		
		Less than 3 years	3 years and above	Total	Less than 3 years	3 years and above	Total
Total	42,467	5,441	4,428	9,869	8,740	23,858	32,598
Al Hayar	2,798	357	293	650	580	1,568	2,148
Myzad	120	15	13	28	25	67	92
Al Wagan	1,913	250	195	445	399	1,069	1,468
Suwehan	674	86	71	157	140	377	517
Alqatara	178	23	18	41	37	100	137
Masaken	1,726	221	180	401	358	967	1,325
Zakher	604	77	63	140	125	339	464
Al Faqa	546	61	66	127	110	309	419
Al Araad	319	41	33	74	68	177	245
Al Shuwab	1,338	171	140	311	271	756	1,027
Malaqet	21,742	2,776	2,277	5,053	4,499	12,190	16,689
Al Nyadat	94	12	10	22	19	53	72
Abu Samra	4,136	528	433	961	856	2,319	3,175
Seh Sabra	1,221	166	118	284	197	740	937
Al Yahar	202	26	21	47	42	113	155
Al Khazna	2,080	266	217	483	430	1,167	1,597
Al Quaa	2,776	365	280	645	584	1,547	2,131

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.14: **Number of Cattle by Sex, Age Classes and Region in Al Dhafra Region, 2019**

Region	Total	Male			Female		
		Less than 3 years	3 years and above	Total	Less than 3 years	3 years and above	Total
Total	905	116	94	210	188	507	695
Al Tharwanea	85	11	9	20	17	48	65
Al Marfaa	72	9	8	17	15	40	55
Madenat Zayed	340	44	34	78	71	191	262
Khanoor	23	3	2	5	5	13	18
Dalma	33	4	4	8	7	18	25
Mzera'a	185	24	19	43	38	104	142
Al Selaa	95	12	10	22	20	53	73
Ghayathi	72	9	8	17	15	40	55

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.15: **Number of Camels by Sex, Age Classes and Region, 2019**

Region	Total	Male			Female		
		Less than 4 years	4 years and above	Total	Less than 4 years	4 years and above	Total
Total	442,018	41,536	29,187	70,723	63,425	307,870	371,295
Abu Dhabi Region	73,269	6,874	4,849	11,723	11,169	50,377	61,546
Al Ain Region	256,782	24,064	17,021	41,085	35,186	180,511	215,697
Al Dhafra Region	111,967	10,598	7,317	17,915	17,070	76,982	94,052

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 1.8: **Percentage Distribution of Number of Camels by Age Classes, 2019**

■ Less than 4 years   ■ 4 years and above

24%

76%
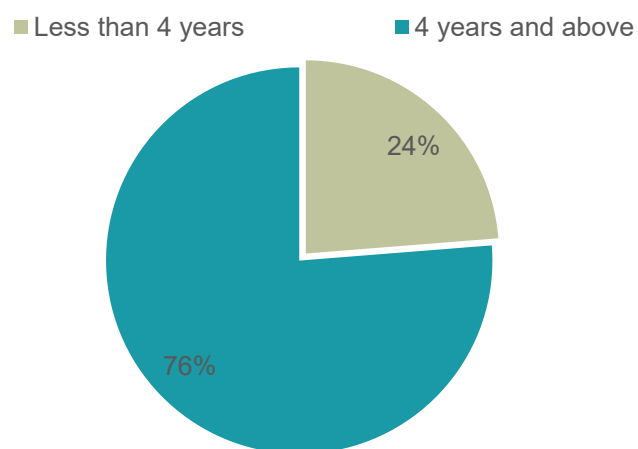
Source: Statistics Centre - Abu Dhabi.

Figure 1.9: Percentage Distribution of Number of Camels by Sex, 2019

إناث ■   ■ ذكور

16%

84%
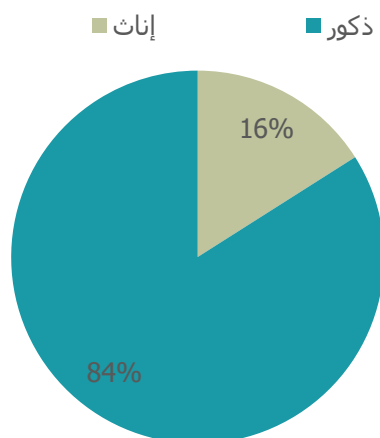
Source: Statistics Centre - Abu Dhabi

Table 1.16: Number of Camels by Sex, Age Classes and Region in Abu Dhabi Region, 2019

Region	Total	Male			Female		
		Less than 4 years	4 years and above	Total	Less than 4 years	4 years and above	Total
Total	**73,269**	**6,874**	**4,849**	**11,723**	**11,169**	**50,377**	**61,546**
Al khatam	41,608	3,901	2,756	6,657	6,343	28,608	34,951
Al Samha	10,304	972	677	1,649	1,571	7,084	8,655
Al Wathba	21,357	2001	1,416	3417	3,255	14685	17,940

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.17 Number of Camels by Sex, Age Classes and Region in Al Ain Region, 2019

Region	Total	Male			Female		
		Less than 4 years	4 years and above	Total	Less than 4 years	4 years and above	Total
Total	**256,782**	**24,064**	**17,021**	**41,085**	**35,186**	**180,511**	**215,697**
Al Hayar	10,691	1,002	709	1,711	1,630	7,350	8,980
Myzad	10,570	991	699	1,690	1,613	7,267	8,880
Al Wagan	17,883	1,677	1,184	2,861	2,726	12,296	15,022
Suwehan	10,456	980	693	1,673	1,594	7,189	8,783
Alqatara	7,881	739	522	1,261	1,201	5,419	6,620
Masaken	11,861	1,113	785	1,898	1,808	8,155	9,963
Zakher	17,993	1,687	1,192	2,879	2,744	12,370	15,114
Al Faqa	6,116	573	406	979	932	4,205	5,137
Al Araad	4,497	422	298	720	686	3,091	3,777
Al Shuwab	10,108	948	669	1,617	1,541	6,950	8,491
Malaqet	15,815	1,482	1,048	2,530	2,411	10,874	13,285
Al Nyadat	22,961	2,152	1,522	3,674	3,502	15,785	19,287
Abu Samra	21,017	1,972	1,391	3,363	3,204	14,450	17,654
Seh Sabra	5,400	506	358	864	823	3,713	4,536
Al Yahar	29,078	2,726	1,926	4,652	433	23,993	24,426
Al Khazna	22,130	2,075	1,466	3,541	3,374	15,215	18,589
Al Quaa	32,325	3,019	2,153	5,172	4,964	22,189	27,153

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.18: Number of Camels by Sex, Age Classes and Region in Al Dhafra Region, 2019

Region	Total	Male			Female		
		Less than 4 years	4 years and above	Total	Less than 4 years	4 years and above	Total
Total	**111,967**	**10,598**	**7,317**	**17,915**	**17,070**	**76,982**	**94,052**
Al Tharwanea	7,230	678	479	1,157	1,101	4,972	6,073
Al Marfaa	874	82	58	140	133	601	734
Madenat Zayed	40,900	3,823	2,721	6,544	6,236	28,120	34,356
Khanoor	8,143	763	540	1,303	1,234	5,606	6,840
Dalma	62	6	4	10	13	39	52
Mzera'a	3,271	419	104	523	499	2,249	2,748
Al Selaa	11,307	1,060	749	1,809	1,725	7,773	9,498
Ghayathi	40,180	3,767	2,662	6,429	6,129	27,622	33,751

Source: Abu Dhabi Agriculture and Food Safety Authority

1.2 Health Statistics for Livestock

Health statistics of livestock aims to present data on the veterinary activity of livestock including cattle and poultry that have been treated and vaccinated with vaccines in 2019.

Table 1.19: Number of Treated Animals by Type and Region, 2019

Region	Total	Sheep	Goats	Cattle	Camels	Others
Total	**548,966**	**373,618**	**94,775**	**5,973**	**73,566**	**1,034**
Abu Dhabi Region	112,856	71,438	31,022	1,628	8,628	140
Al Ain Region	311,489	215,837	52,542	3,497	38,841	772
Al Dhafra Region	124,621	86,343	11,211	848	26,097	122

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.20: Number of Treated Animals by Type and Region in Abu Dhabi Region, 2019

Region	Total	Sheep	Goats	Cattle	Camels	Others
Total	**112,856**	**71,438**	**31,022**	**1,628**	**8,628**	**140**
Al khatam	53,080	36,487	11,667	692	4,203	31
Al Samha	39,720	23,165	14,639	758	1,072	86
Al Wathba	20,056	11,786	4,716	178	3,353	23

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.21: **Number of Treated Animals by Type and Region in Al Ain Region, 2019**

Region	Total	Sheep	Goats	Cattle	Camels	Others
Total	**311,489**	**215,837**	**52,542**	**3,497**	**38,841**	**772**
Abu Samra	23,254	19,137	2,441	679	993	4
Al Araad	9,650	7,309	1,900	155	286	0
Al Faqa	1,747	926	253	38	510	20
Al Hayar	11,057	8,057	1,682	99	1,218	1
Al Nyadat	3,371	2,675	140	95	461	0
Al Quaa	44,910	34,090	7,142	44	3,633	1
Alqatara	51,498	26,286	10,023	529	14,044	616
Al Shuwab	17,987	10,367	6,297	168	1,144	11
Al Wagan	12,207	7,767	2,690	60	1,690	0
Al Yahar	23,472	18,578	2,686	53	2,072	83
Malaqet	2,096	1,470	292	36	298	0
Masaken	9,505	5,577	1,231	91	2,597	9
Myzad	20,476	15,170	3,297	478	1,529	2
Seh Sabra	15,174	9,501	2,545	35	3,085	8
Suwehan	12,113	8,361	2,415	145	1,190	2
Al Khazna	39,346	30,050	5,037	617	3,637	5
Zakher	13,626	10,516	2,471	175	454	10

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.22: **Number of Treated Animals by Type and Region in Al Dhafra Region, 2019**

Region	Total	Sheep	Goats	Cattle	Camels	Others
Total	**124,621**	**86,343**	**11,211**	**848**	**26,097**	**122**
Al Marfaa	6,939	6,138	296	248	227	30
Al Selaa	12,149	6,503	2,479	32	3,131	4
Dalma	1,083	309	722	45	5	2
Ghayathi	30,428	18,098	1,804	39	10,474	13
Khanoor	11,336	7,731	756	33	2,815	1
Madenat Zayed	42,355	30,981	3,081	234	8,020	39
Mzera'a	11,497	9,501	1,198	192	573	33
Al Tharwanea	8,834	7,082	875	25	852	0

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.23: Number of Birds Treated by Type and Region, 2019

Region	Total	Chicken	Duck	Geese	Ostrich	Pigeon
Total	80,947	80,471	0	2	3	471
Abu Dhabi Region	21,898	21,896	0	0	1	1
Al Ain Region	52,642	52,638	0	2	2	0
Al Dhafra Region	6,407	5,937	0	0	0	470

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.24: Number of Birds Treated by Type and Region in Abu Dhabi Region, 2019

Region	Total	Chicken	Duck	Geese	Ostrich	Pigeon
Total	21,898	21,896	0	0	1	1
Al khatam	410	408	0	0	1	1
Al Samha	21,349	21,349	0	0	0	0
Al Wathba	139	139	0	0	0	0

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.25: Number of Birds Treated by Type and Region in Al Ain Region, 2019

Region	Total	Chicken	Duck	Geese	Ostrich	Pigeon
Total	52,642	52,638	0	2	2	0
Abu Samra	21,692	21,692	0	0	0	0
Al Araad	0	0	0	0	0	0
Al Faqa	0	0	0	0	0	0
Al Hayar	557	557	0	0	0	0
Al Nyadat	40	40	0	0	0	0
Al Quaa	1	1	0	0	0	0
Alqatara	1,137	1,133	0	2	2	0
Al Shuwab	6,049	6,049	0	0	0	0
Al Wagan	0	0	0	0	0	0
Al Yahar	1,030	1,030	0	0	0	0
Malaqet	0	0	0	0	0	0
Masaken	44	44	0	0	0	0
Myzad	382	382	0	0	0	0
Seh Sabra	52	52	0	0	0	0
Suwehan	103	103	0	0	0	0
Al Khazna	21,071	21,071	0	0	0	0
Zakher	484	484	0	0	0	0

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.26: **Number of Birds Treated by Type and Region in Al Dhafra Region, 2019**

Region	Total	Chicken	Duck	Geese	Ostrich	Pigeon
Total	**6,407**	**5,937**	**0**	**0**	**0**	**470**
Al Marfaa	747	747	0	0	0	0
Al Selaa	1,270	1,270	0	0	0	0
Dalma	0	0	0	0	0	0
Ghayathi	657	637	0	0	0	20
Khanoor	233	233	0	0	0	0
Madenat Zayed	2,600	2,150	0	0	0	450
Mzera'a	810	810	0	0	0	0
Al Tharwanea	90	90	0	0	0	0

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.27: **Number of Vaccinated Animal by Type and Region, 2019**

Type	Total	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	**3,324,003**	**573,802**	**2,097,574**	**652,627**
Sheep	1,589,033	281,182	945,587	362,264
Goats	1,732,320	291,993	1,150,135	290,192
Cattle	2,650	627	1,852	171

Source: Abu Dhabi Agriculture and Food Safety Authority

Table 1.28: **Number of Animals Slaughtered, Quantity and Value of Meat Produced, 2019**

Quantity: tons, Value: 000 AED

Type	Number	Quantity	Value
Total	**920,350**	**28,677**	**1,076,456**
Sheep	507,960	8,023	336,847
Goats	350,959	3,283	171,481
Cattle	14,126	4,525	104,894
Camels	47,305	12,846	463,234

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

Table 1.29: Number of Animals Slaughtered, Quantity and Value of Meat Produced in Abu Dhabi Region, 2019

Quantity: tons, Value: 000 AED

Type	Number	Quantity	Value
Total	**522,751**	**10,198**	**334,542**
Sheep	293,717	4,406	176,230
Goats	214,401	2,144	107,200
Cattle	7,213	2,164	28,852
Camels	7,420	1,484	22,260

Source: Department Of Municipalities and Transport -   Abu Dhabi Region Municipality

Table 1.30: Number of Animals Slaughtered, Quantity and Value of Meat Produced in Al Ain Region, 2019

Quantity: tons, Value: 000 AED

Type	Number	Quantity	Value
Total	**318,811**	**17,227**	**680,182**
Sheep	163,477	3,008	125,561
Goats	113,235	906	50,949
Cattle	6,573	2,300	74,865
Camels	35,526	11,013	428,807

Source: Department Of Municipalities and Transport -   Al Ain Region Municipality

Table 1.31: Number of Animals Slaughtered, Quantity and Value of Meat Produced in Al Dhafra Region, 2019

Quantity: tons, Value: 000 AED

Type	Number	Quantity	Value
Total	**78,788**	**1,252**	**61,732**
Sheep	50,766	609	35,056
Goats	23,323	233	13,332
Cattle	340	61	1,177
Camels	4,359	349	12,167

Source   Department Of Municipalities and Transport -   Al Dhafra Region Municipality

Table 1.32: Number and Value of Camels Supplied and Sold, 2014 to 2019

Value: 000AED

Item		2014	2015	2016	2017	2018	2019
Received Camels	Number	2,678	3,865	2,935	582	3,867	3,487
	Value	10,623	15,451	11,672	2,292	15,266	13,998
Sold Camels	Number	1,811	3,819	2,311	99	3,398	3,813
	Value	7,183	15,267	9,190	390	13,414	13,414

Source: Abu Dhabi Agriculture and Food Safety Authority

2. Commercial Farms Statistics

2.1 Commercial Farms Statistics

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

The commercial farms Include , all farms specialized production of one or more livestock products, are available where the buildings and the necessary tools for animal husbandry, and in view of the importance of commercial farms, and few in number and accessibility, as well as to provide a comprehensive framework it has been collecting data using the method of the transect, and divided commercial farms by type of animals bred to 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, 2014 to 2019

Type	2014	2015	2016	2017	2018	2019
Total	31	31	32	32	36	38
Broiler farms	9	9	9	9	10	11
Layer farms	7	7	7	7	9	9
Parent stock farms	2	2	3	3	3	2
The Cattle farms	13	13	13	13	14	16

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.2: Number of Cattle in Commercial Cattle Farms by Age Classes and Sex, 2019

Description		Number in 31/12/2019
Total		30,000
Less than one year	Male	1,515
	Female	6,303
One-two years	Male	23
	Female	5,632
Above two years	Male	19
	Female	16,508

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Figure 2.1: Percentage Distribution of Number of Cattle in Commercial Farms by Age Classes, 2019
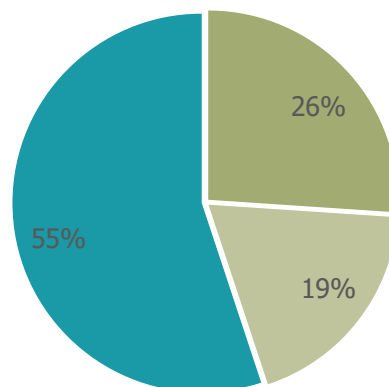
Source: Statistics Centre - Abu Dhabi

■ male   ■ female

5%

95%
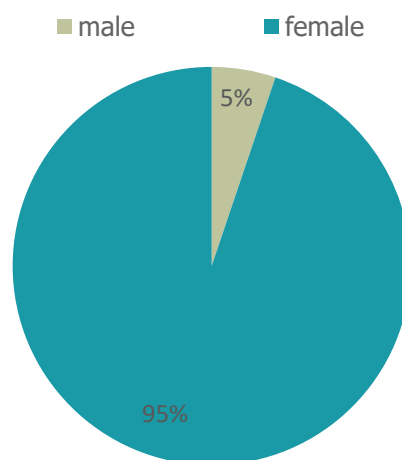
Source: Statistics Centre- Abu Dhabi

Table 2.3: **Livestock Production of Broiler Farms by Type, 2019**

Value in 000 AED

Type	Unit	Production		Sold		Quantity of home consumption or used in the holding	Quantity Of gifts	Quantity of Damaged
		Quantity	Value	Quantity	Value			
Total			**330,647**		**323,856**			
Broiler	Ton	24,632	327,433	24,139	320,648	492	1	0
Organic manure	Ton	38,669	3,214	38,614	3,208	50	0	5

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture
and Food Safety Authority

Table 2.4: Livestock Production of Layer Farms by Type, 2019

Value in 000 AED

Type	Unit	Stock at the beginning of year		Production		Sold		Quantity of home consumption or used in the holding	Quantity of gifts	Stock at the end of year		Quantity of Damaged
		Quantity	Value	Quantity	Value	Quantity	Value			Quantity	Value	
Total			**1263**		**211,874**		**209,334**				**2,590**	
Table eggs	No	3,270,297	1263	566,359,300	208,791	558,037,271	206,252	18,030	95,100	7,898,277	2,590	3,254,563
Organic manure	Ton	0	0	48,163	3,082	48,163	3,082	0	0	0	0	0

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.5: Livestock Production of Parent Stock Farms by Type, 2019

Value in 000 AED

Type	Unit	Stock at the beginning of year		Production		Sold		Quantity of home consumption or used in the holding	Quantity of gifts	Stock at the end of year		Quantity of Damaged
		Quantity	Value	Quantity	Value	Quantity	Value			Quantity	Value	
Total			**719**		**23,554**		**11,630**				**779**	
Table eggs	No	0	0	1,168,428	368	1,168,428	368	0	0	0	0	0
Hatchery eggs	No	608,845	719	20,204,790	22,756	8,056,490	10,832	12,052,645	4,000	610,500	779	90,000
Organic manure	Ton	0	0	5,300	430	5,300	430	0	0	0	0	0

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.6: Livestock Production of Commercial Cattle Farms by Type, 2019
Value in 000 AED

Type	Unit	Production		Sold		Quantity of home consumption or used in the holding	Quantity of gifts	Quantity of Damaged or Mortality
		Quantity	Value	Quantity	Value			
Total			**361,328**		**335,002**			
New born Cattle	No	15,706	35,454	6,575	14,688	63	33	1,217
Cattle milk	Ton	150,305	319,350	147,849	313,902	2,037	156	263
Organic manure	Ton	95,596	6,524	94,216	6,412	1,040	340	0

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.7: **Quantity and Value of Physical Inputs Used for Livestock Production in Commercial Farms, 2019**

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
Total			**48,404**		**613,581**		**67,860**		**594,125**
Feeds	Ton	18,536	25,789	259,921	310,379	24,907	25,580	253,550	310,588
Hay and straw	Ton	12,564	12,158	55,006	65,033	12,538	12,903	55,032	64,288
Green clover	Ton	0	0	108	96	30	26	78	70
Dry clover	Ton	4,911	5,445	53,331	63,475	18,001	23,012	40,241	45,908
Calf milk	Value	0	651	0	3,537	0	600	0	3,588
Chicks	No	0	0	27,900,500	58,624	0	0	27,900,500	58,624
Wood straw	Value	0	3	0	416	0	4	0	415
Sugar	Value	0	0	0	0	0	0	0	0
plastic and carton plates	Value	0	1,388	0	14,243	0	1,868	0	13,763
Vitamins	Value	0	202	0	4,101	0	86	0	4,217
Vaccines	Value	0	536	0	18,076	0	449	0	18,163
Medicaments and detergents	Value	0	1,742	0	13,850	0	2,510	0	13,082
Lime	Value	0	0	0	7	0	0	0	7
Salts	Value	0	153	0	5,520	0	750	0	4,923
Other primary descriptions	Value	0	337	0	745	0	72	0	1,010
Water	Value	0	0	0	6,339	0	0	0	6,339
Electricity	Value	0	0	0	28,032	0	0	0	28,032
Gasoline	Value	0	0	0	1,596	0	0	0	1,596
Diesel	Value	0	0	0	18,417	0	0	0	18,417
Oils	Value	0	0	0	516	0	0	0	516
Grease	Value	0	0	0	77	0	0	0	77
Gas	Value	0	0	0	360	0	0	0	360
Others	Value	0	0	0	142	0	0	0	142

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.8: Quantity and Value of Physical Inputs Used for Livestock Production in Broiler Farms, 2019

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
Total			941		172,414		97		173,258
Feeds	Ton	620	802	61,245	78,049	60	70	61,805	78,781
Chicks	No	0	0	27,900,500	58,624	0	0	27,900,500	58,624
Wood straw	Value	0	3	0	368	0	4	0	367
Sugar	Value	0	0	0	0	0	0	0	0
Vitamins	Value	0	4	0	2,865	0	0	0	2,869
Vaccines	Value	0	119	0	13,155	0	0	0	13,274
Medicaments and detergents	Value	0	13	0	4,026	0	23	0	4,016
Lime	Value	0	0	0	6	0	0	0	6
Salts	Value	0	0	0	0	0	0	0	0
primary descriptions Other	Value	0	0	0	206	0	0	0	206
Water	Value	0	0	0	1,212	0	0	0	1,212
Electricity	Value	0	0	0	7,909	0	0	0	7,909
Gasoline	Value	0	0	0	35	0	0	0	35
Diesel	Value	0	0	0	5,722	0	0	0	5,722
Oils	Value	0	0	0	14	0	0	0	14
Grease	Value	0	0	0	16	0	0	0	16
Gas	Value	0	0	0	207	0	0	0	207
Others	Value	0	0	0	0	0	0	0	0

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.9: **Quantity and Value of Physical Inputs Used for Livestock Production in Layer Farms, 2019**

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
Total			**3,060**		**128,640**		**3,932**		**127,768**
Feeds	Ton	780	1,083	92,297	101,449	745	1,284	92,332	101,248
Wood straw	Value	0	0	0	0	0	0	0	0
Sugar	Value	0	0	0	0	0	0	0	0
Vitamins	Value	0	0	0	0	0	0	0	0
Vaccines	Value	0	195	0	1,893	0	142	0	1,946
Medicaments and detergents	Value	0	394	0	3,096	0	638	0	2,852
plastic and carton plates	Value	0	1,388	0	14,136	0	1,868	0	13,656
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	860	0	0	0	860
Electricity	Value	0	0	0	4,598	0	0	0	4,598
Gasoline	Value	0	0	0	1,170	0	0	0	1,170
Diesel	Value	0	0	0	1,143	0	0	0	1,143
Oils	Value	0	0	0	110	0	0	0	110
Grease	Value	0	0	0	10	0	0	0	10
Gas	Value	0	0	0	122	0	0	0	122
Others	Value	0	0	0	53	0	0	0	53

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.10: **Quantity and value of physical inputs used for livestock production in Parent stock farms, 2019**

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
Total			**0**		**10,223**		**0**		**10,223**
Feeds	Ton	0	0	5,673	7,348	0	0	5,673	7,348
Wood straw	Value	0	0	0	48	0	0	0	48
Sugar	Value	0	0	0	0	0	0	0	0
Vitamins	Value	0	0	0	186	0	0	0	186
Vaccines	Value	0	0	0	1,255	0	0	0	1,255
Medicaments and detergents	Value	0	0	0	375	0	0	0	375
plastic and carton plates	Value	0	0	0	107	0	0	0	107
Salts	Value	0	0	0	30	0	0	0	30
Lime	Value	0	0	0	1	0	0	0	1
Other primary descriptions	Value	0	0	0	0	0	0	0	0
Water	Value	0	0	0	165	0	0	0	165
Electricity	Value	0	0	0	324	0	0	0	324
Gasoline	Value	0	0	0	164	0	0	0	164
Diesel	Value	0	0	0	127	0	0	0	127
Oils	Value	0	0	0	11	0	0	0	11
Grease	Value	0	0	0	2	0	0	0	2
Gas	Value	0	0	0	0	0	0	0	0
Others	Value	0	0	0	80	0	0	0	80

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.11: Quantity and Value of Physical Inputs Used for Livestock Production in Commercial Cattle Farms, 2019

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
Total			**44,403**		**302,303**		**63,831**		**282,875**
Feeds	Ton	17,136	23,904	100,706	123,533	24,102	24,226	93,740	123,211
Hay and Straw	Ton	12,564	12,158	55,006	65,033	12,538	12,903	55,032	64,288
Green clover	Ton	0	0	108	96	30	26	78	70
Dry clover	Ton	4,911	5,445	53,331	63,475	18,001	23,012	40,241	45,908
Calf Milk	Value	0	651	0	3,537	0	600	0	3,588
Vitamins	Value	0	198	0	1,050	0	86	0	1,162
Vaccines	Value	0	222	0	1,773	0	307	0	1,688
Medicaments and detergents	Value	0	1,335	0	6,353	0	1,849	0	5,839
Lime	Value	0	0	0	0	0	0	0	0
Salts	Value	0	153	0	5,490	0	750	0	4,893
Other primary descriptions	Value	0	337	0	538	0	72	0	803
Water	Value	0	0	0	4,102	0	0	0	4,102
Electricity	Value	0	0	0	15,201	0	0	0	15,201
Gasoline	Value	0	0	0	227	0	0	0	227
Diesel	Value	0	0	0	11,425	0	0	0	11,425
Oils	Value	0	0	0	381	0	0	0	381
Grease	Value	0	0	0	49	0	0	0	49
Gas	Value	0	0	0	31	0	0	0	31
Others	Value	0	0	0	9	0	0	0	9

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.12: Value of other Expenditures in Commercial Farms by Type, 2019

Value in 000 AED

| Type	Broiler farms	Layer farms	Parent stock farms	Cattle farms	Total
Total	13,382	17,431	1,484	24,988	57,285
Rent of farm	0	0	0	0	0
Rent of buildings	1,396	290	0	21	1,707
Rent of machinery	1,474	99	0	188	1,761
Telecommunication services	953	339	172	293	1,757
Maintenance of machinery and equipment	2,475	1,281	135	6,285	10,176
Maintenance of building and constructions	821	846	213	1,031	2,911
Maintenance and repair of transport means	1,243	1,791	55	1,582	4,671
Shipping, transportation and storage expenses	94	297	60	1,867	2,318
Cost of service calculated to insure against	0	0	0	0	0
Auditing, accounting and lawyer fees	192	349	53	149	743
Subscription fees in the cooperative societies, trade unions and federation	30	2,564	0	65	2,659
Technical and advisory services	576	255	25	401	1,257
Medical / veterinary services	27	72	0	6,016	6,115
Rent of lands	172	1,885	0	20	2,077
Interest on local loans	238	3,782	0	1,243	5,263
Casualty insurance premiums	1,428	1,004	511	753	3,696
Vehicles license fees	390	237	129	148	904
Fees and taxes on manpower	858	445	0	1,728	3,031
Others	1,015	1,895	131	3,198	6,239

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.13: **Value of Paid Capital in Commercial Farms by Type of Farm and Nationality, 2019**

Value in 000 AED

Nationality	Broiler farms	Layer farms	Parent Stock farms	Cattle farms	Total
Total	**215,138**	**129,649**	**48,500**	**303,110**	**696,397**
Emirates	209,064	129,639	38,500	303,110	680,313
G.C.C	5,000	0	0	0	5,000
Other Arab countries	1,000	0	10,000	0	11,000
Asian	74	0	0	0	74
European	0	0	0	0	0
American	0	10	0	0	10
Others	0	0	0	0	0

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Figure 2.3: **Percentage Distribution of Value of Paid Capital in Commercial Farms by Type of Farm, 2019**

■ Broiler farms ■ Layer farms ■ Parent Stock Farms ■ Cattle farms
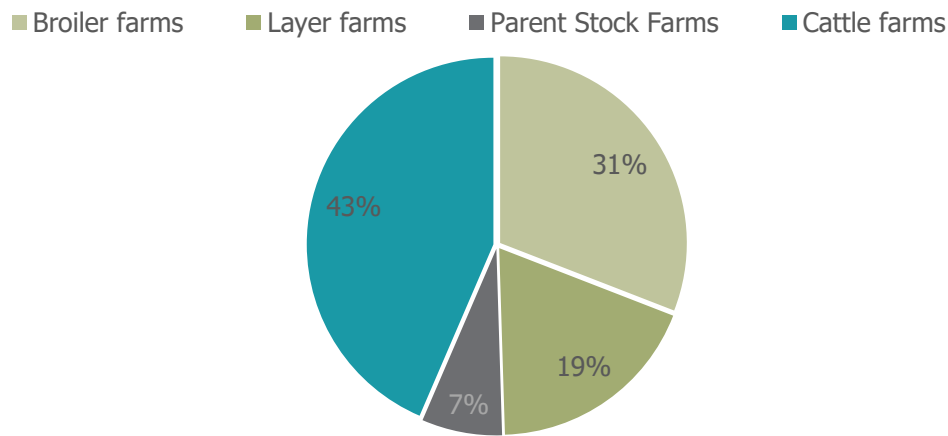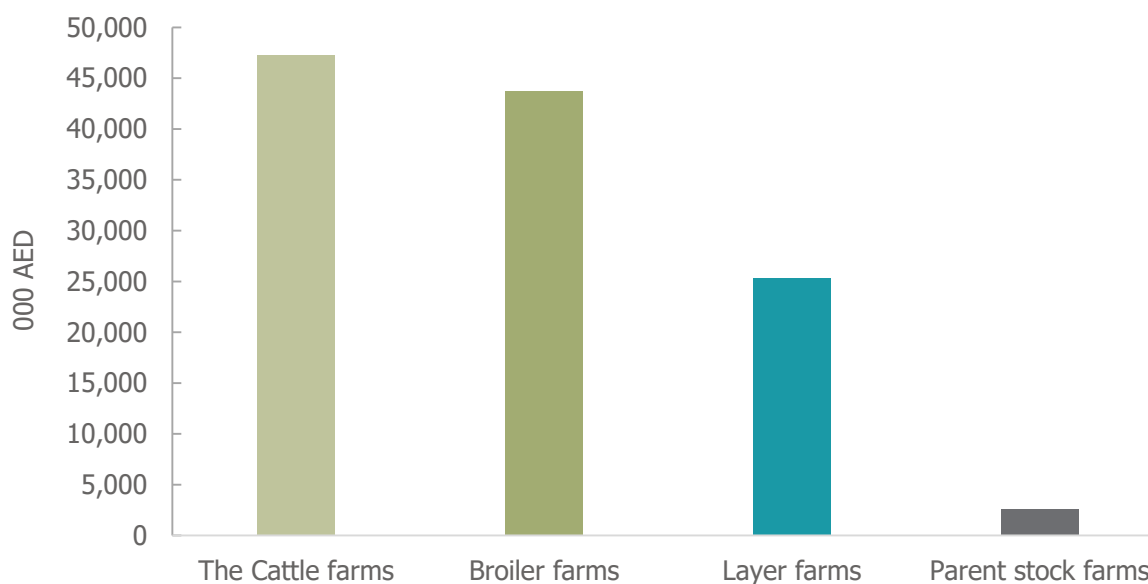
Source: Statistics Centre - Abu Dhabi

Table 2.14: **Value of Compensation of Employees in Commercial Farms by Type of Farm and Kind of Activity, 2019**

Value in 000 AED

Type	Salaries and wages	Payments in kind	Social benefits	Total
Total	**107,508**	**2,720**	**8,822**	**119,050**
Broiler Farms	39,530	551	3,686	43,767
Layer Farms	20,985	1,149	3,191	25,325
Parent Stock Farms	2,229	160	250	2,639
The Cattle Farms	44,764	860	1,695	47,319

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Figure 2.4: Value Compensation of Employees in Commercial Farms by Type, 2019

Source: Statistics Centre - Abu Dhabi

Table 2.15: Value of Change in Cattle Population in Commercial Farms, 2019

Value in 000 AED

Description		Newborn calves	Older cattle
Total		**17,069**	**22,625**
Sold	Slaughter	12,223	18,752
	Breeding	393	0
	Plumb	2,071	0
Slaughtered in holding		181	0
Gifts		96	7
Dead		2,105	3,866

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.16: Number, Area and Farm Capacity of Broiler Farm, 2019

Description	Unit	2019
Number of farms	Number	11
Total capacity	Number	3,637,500
Number of pens	Number	210
Total area	m^2	295,470

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.17: Number, Area and Farm Capacity of Layers Farm, 2019

Description	Unit	2019
Number of farms	Number	9
Total capacity	Number	3,497,600
Number of pens	Number	94
Total area	m^2	130,621
Number of birds	Number	2,916,227

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.18: Number, Area and Farm Capacity of Parent Stock Farms, 2019

Description	Unit	2019
Number of farms	Number	2
Total capacity	Number	237,550
Number of pens	Number	39
Total area	m^2	41,260
Number of birds	Number	226,480

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.19: Number, Area and Farm Capacity of Cattle Farms, 2019

Description	Unit	2019
Number of farms	Number	16
Total capacity	Number	40,950
Number of pens	Number	264
Total area	m^2	974,410
Total of cattle	Number	30,000
Dairy cattle	Number	14,940

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

Table 2.20: Production in Commercial Farms by Type, 2019

Type	Unit	2019
Broiler	Tons	24,632
Table eggs	1000 Egg	566,359
Hatchery eggs	1000 Egg	20,205
Cattle milk	Tons	150,305

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Agriculture and Food Safety Authority

3.   Fish Production Statistics

3.1 Fish Production Statistics

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 costal line that exceeds 500 kilometers, accommodating various marine life. The UAE territorial water contains more than 200 islands of various size and historical and economic importance.

The amount of fish caught in 2019 totaled 2,598 tons, decrease of 46.9% compared with 2018. The estimated value of fish production amounted to about AED 57.2 million and it was caught in around 35,546 fishing trips, including 60.1% , 3.6% with tarad, lansh respectively and 36.6% with nezha in 2019.

Epinephelidae accounted for the highest value of caught fish, with AED 16.4 million or 28.7% of the total value of the catch in 2019. This was followed by Scombridae worth 14.2 million dirhams or 24.8%, Carangidae with AED 8.7 million or 15.2% and Lethrinidae with AED 4.3 million or 7.5% of the total value of catch in 2019.
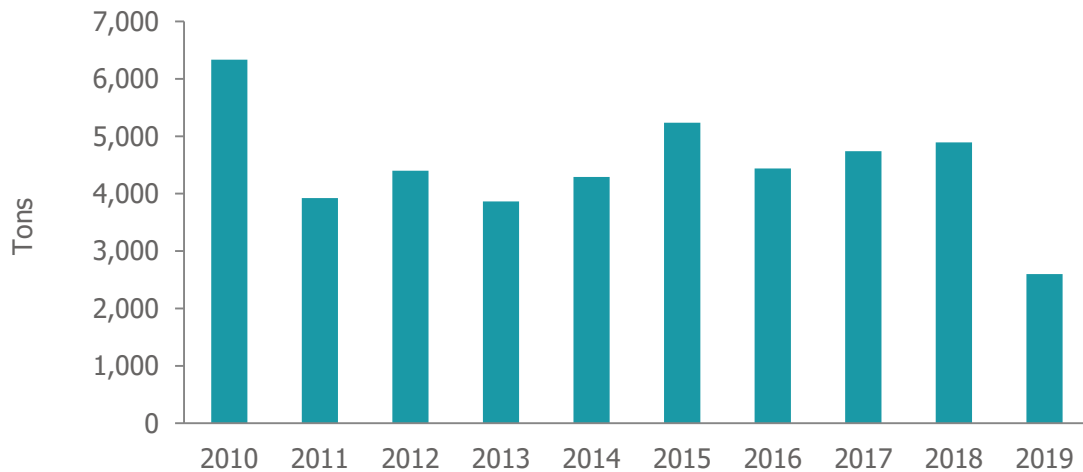
Table 3.1: **Quantity and Value of Fish Catch, 2010 to 2019**

(Quantity in Tons, Value in Million AED)

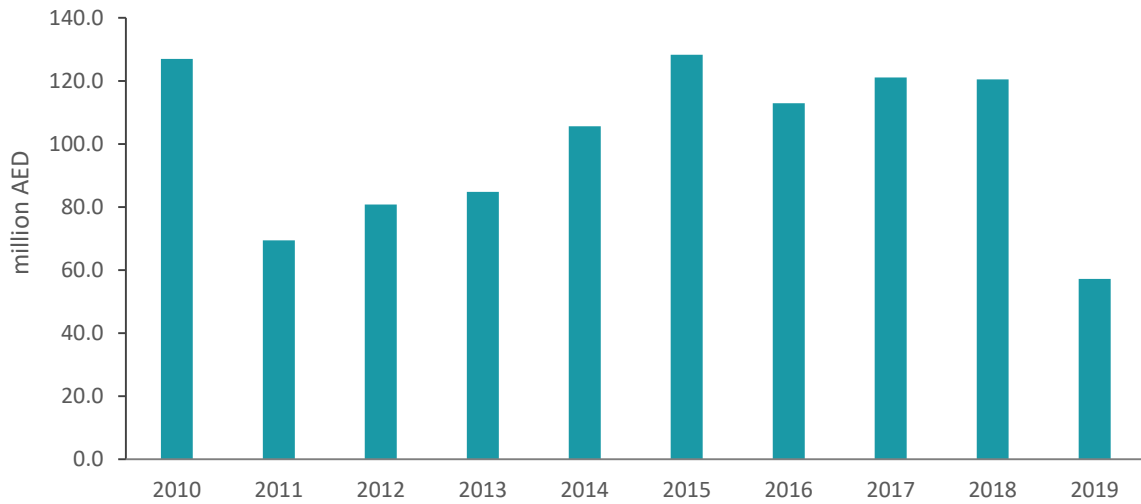| Year	Quantity	Value
2010	6,556	127.0
2011	3,922	69.4
2012	4,399	80.8
2013	3,865	84.8
2014	4,290	105.6
2015	5,235	128.3
2016	4,439	112.9
2017	4,740	121.1
2018	4,892	120.5
2019	2,598	57.2

Source: Environment Agency - Abu Dhabi

Figure 3.1: **Quantity of Fish Catch, 2010 to 2019**

Source: Environment Agency - Abu Dhabi

Figure 3.2: Value of Fish Catch, 2010 to 2019



Source: Environment Agency - Abu Dhabi

Table 3.2: Quantity and Value of Fish Catch by Major Fish Families, 2018 and 2019

(Quantity in Tons, Value in 000 AED)

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

Source: Environment Agency - Abu Dhabi

Figure 3.3: Percentage Distribution of the Quantity of Fish Catch by Major Fish, 2019

Carangidae ■ Haemulidae ■ Lethrinidae ■ Lutjanidae ■ Portunidae
Scombridae ■ Epinephelidae ■ Sparidae ■ Others
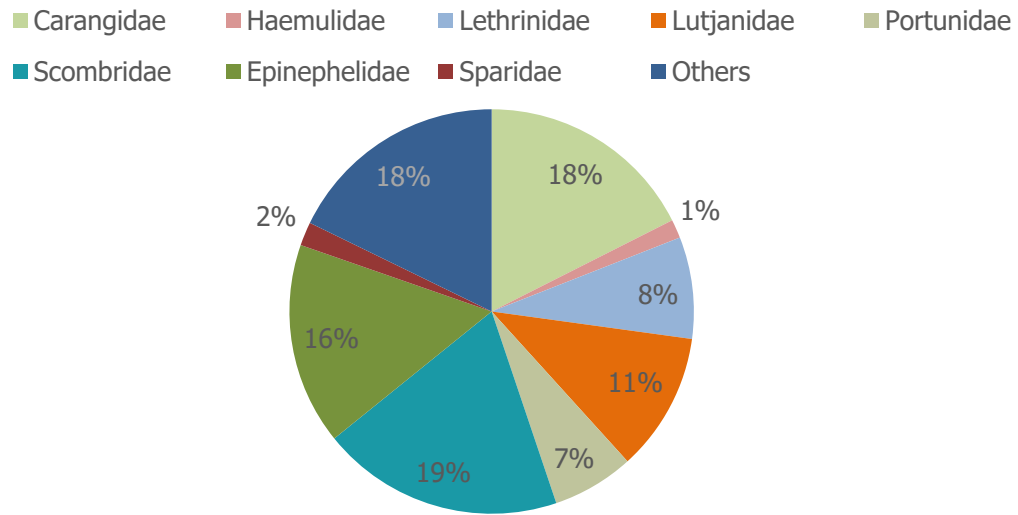
Source: Statistics Centre - Abu Dhabi

Figure 3.4: Percentage Distribution of the Value of Fish Catch by Major Fish Families, 2019

Carangidae ■ Haemulidae ■ Lethrinidae ■ Lutjanidae ■ Portunidae
Scombridae ■ Epinephelidae ■ Sparidae ■ Others
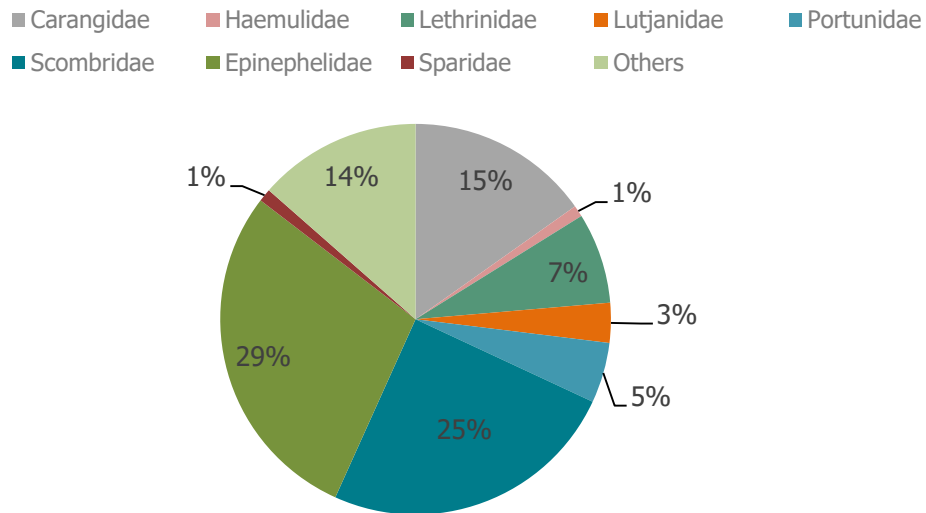
Source: Statistics Centre - Abu Dhabi

Table 3.3: Quantity of Fish Catch by Month, 2015 to 2019

Quantity in Tons

| Month	2015	2016	2017	2018	2019
Total	**5,235**	**4,439**	**4,740**	**4,892**	**2,598**
Jan	441	428	673	709	229
Feb	401	442	472	1,096	230
Mar	659	413	559	630	211
Apr	458	261	476	175	176
May	359	243	287	183	94
Jun	188	103	103	188	206
Jul	170	80	125	157	231
Aug	142	106	117	112	216
Sep	206	93	132	89	357
Oct	448	466	516	491	165
Nov	660	786	500	219	263
Dec	1,103	1,020	780	843	220

Source: Environment Agency - Abu Dhabi

Figure 3.5: Quantity of Fish Catch by Month, 2019
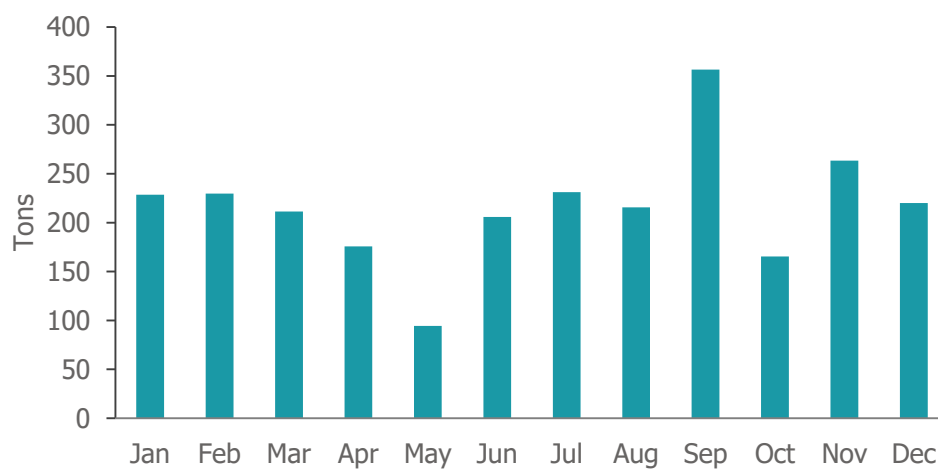
Source: Environment Agency - Abu Dhabi

Table 3.4: **Quantity of fish Catch by Major Fish Families and Month, 2019**

Quantity in Tons

| Month	Total	Carangi-dae	Haemuli-dae	Lethrini-dae	Lutjani-dae	Portuni-dae	Scombri-dae	Epinephelidae	Spari-dae	Others
Total	2,598.0	456.0	38.7	211.3	288.5	170.0	503.2	419.3	49.1	461.9
Jan	228.6	23.3	7.6	46.5	0.7	30.1	23.9	59.4	5.7	31.4
Feb	229.7	34.4	7.7	32.2	0.0	35.3	12.0	65.9	6.1	36.1
Mar	211.4	33.2	10.6	3.5	0.0	45.3	9.9	76.5	5.1	27.3
Apr	175.7	41.2	7.6	3.8	23.3	25.0	30.7	32.1	1.9	10.1
May	94.4	23.3	0.6	9.7	17.9	1.3	13.9	15.7	0.0	12.0
Jun	205.9	33.5	2.5	18.3	45.5	3.3	25.3	24.7	8.4	44.4
Jul	231.2	44.0	0.4	28.9	56.2	3.9	33.0	35.9	6.1	22.8
Aug	215.7	52.1	0.5	7.2	45.0	3.9	60.5	21.5	4.6	20.4
Sep	356.6	58.8	0.1	3.2	99.6	3.6	70.4	12.1	5.5	103.3
Oct	165.4	54.6	0.3	9.3	0.0	0.7	40.0	29.5	3.2	27.8
Nov	263.4	39.6	0.0	19.0	0.0	17.5	97.7	21.1	1.9	66.6
Dec	220.0	18.0	0.8	29.7	0.3	0.1	85.9	24.9	0.6	59.7

Source: Environment Agency - Abu Dhabi

Table 3.5: **Quantity of Fish Catch by Major Fish Families and Landing Site, 2019**

Quantity in tons

Fish families	Total	Free Port	Al Sadar	Delma	Marfa	Al Bateen	Al Saadiyat	Sila
Total	**2,598.0**	**940.9**	**283.4**	**306.3**	**629.7**	**106.7**	**250.9**	**80.1**
Carangidae	456.0	128.6	135.0	72.2	52.4	14.6	34.3	18.9
Haemulidae	38.7	20.2	0.1	6.3	2.8	2.3	5.4	1.6
Lethrinidae	211.3	54.3	36.2	67.2	15.3	6.2	14.5	17.6
Lutjanidae	288.5	182.3	0.1	7.9	26.8	20.7	48.6	2.1
Portunidae	170.0	20.7	0.0	6.9	132.8	2.3	5.5	1.8
Scombridae	503.2	194.8	61.7	72.3	81.5	22.1	51.9	18.9
Epinephelidae	419.3	120.3	19.6	60.3	157.6	13.6	32.1	15.8
Sparidae	49.1	34.4	0.4	0.8	0.2	3.9	9.2	0.2
Others	461.9	185.3	30.3	12.4	160.3	21.0	49.4	3.2

Source: Environment Agency - Abu Dhabi

Figure 3.6: **Percentage Distribution of Value of the Quantity of Fish Catch by Landing Site, 2019**
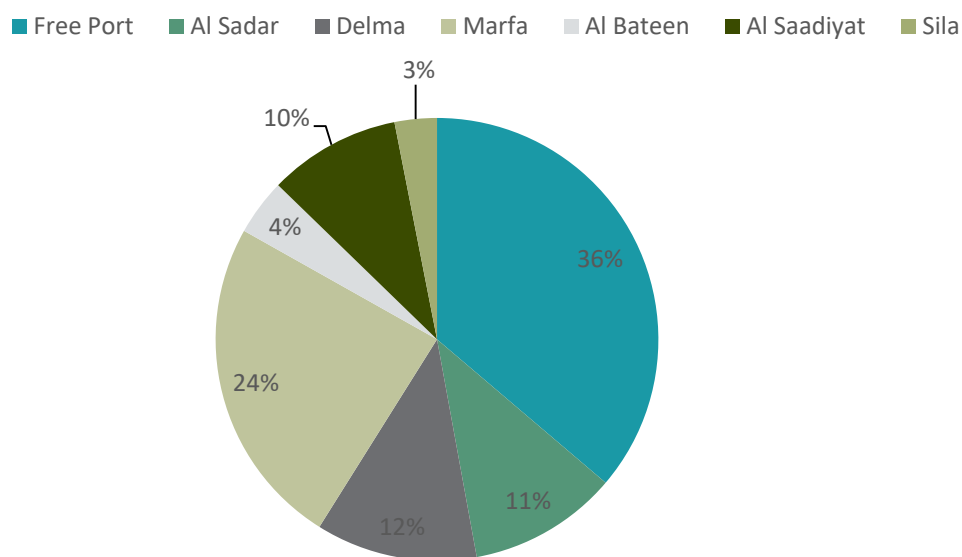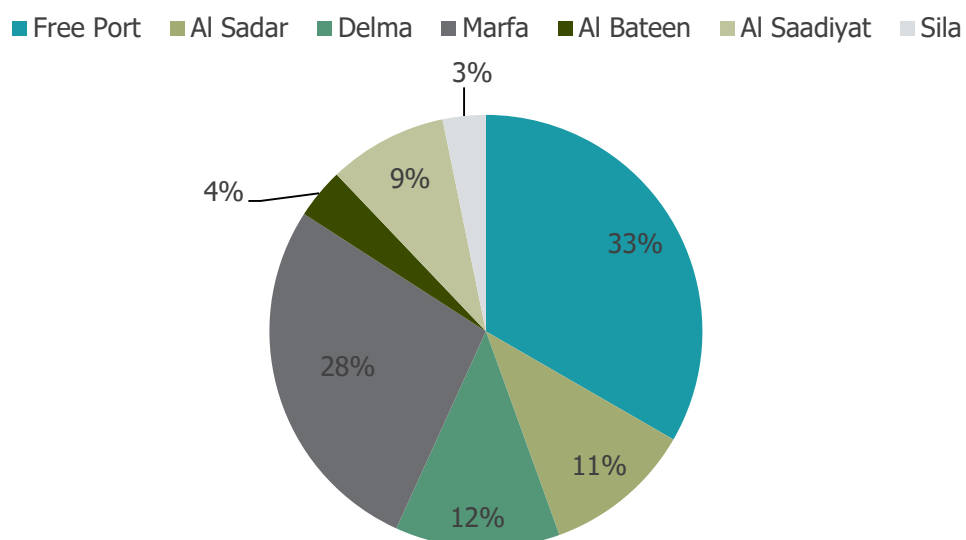

Source: Statistics Centre - Abu Dhabi

Table 3.6: **Value of Fish Catch by Major Fish Families and Landing Site, 2019**

Value in 000 AED

Fish families	Total	Free Port	Al Sadar	Delma	Marfa	Al Bateen	Al Saadiyat	Sila
Total	57,162.6	19,049.6	6,380.1	7,032.2	15,622.8	2,158.8	5,079.9	1,839.2
Carangidae	8,684.8	2,124.0	2,833.8	1,338.1	1,231.8	240.7	566.4	350.0
Haemulidae	538.9	295.3	1.2	88.9	17.9	33.5	78.8	23.3
Lethrinidae	4,293.8	1,101.7	754.6	1,347.9	318.5	124.8	293.8	352.5
Lutjanidae	1,884.7	1,251.5	0.4	42.1	104.2	141.8	333.7	11.0
Portunidae	2,855.7	333.0	0.0	53.3	2,329.0	37.7	88.8	13.9
Scombridae	14,175.0	5,606.8	1,507.0	2,010.7	2,394.2	635.4	1,495.1	525.8
Epinephelidae	16,388.8	4,606.1	761.5	1,986.7	6,764.6	522.0	1,228.3	519.6
Sparidae	609.7	424.9	7.1	11.7	1.4	48.2	113.3	3.1
Others	7,731.1	3,306.3	514.4	152.8	2,461.2	374.7	881.7	40.0

Source: Environment Agency - Abu Dhabi

Figure 3.7: Percentage Distribution of Value Fish Catch by Landing Site, 2019

■ Free Port ■ Al Sadar ■ Delma ■ Marfa ■ Al Bateen ■ Al Saadiyat ■ Sila

Source: Statistics Centre - Abu Dhabi

Table 3.7: Quantity of Fish Catch by Boat Type and Fishing Methods, 2019

Quantity in tons

Fish families	Total	Lansh		Nezha	Tarad					
		Gargoor	Manshalla	Hadaq	Defara	Hadhra	Sakhar	Ghazal	Hadaq	Nesaab
Total	2,598.1	294.9	2.2	368.1	211.7	356.8	167.9	0.0	1,065.3	131.2
Carangidae	456.0	16.6	0.0	97.8	2.9	7.7	13.7	0.0	317.0	0.3
Haemulidae	38.7	30.2	0.0	0.0	0.5	5.5	2.4	0.0	0.1	0.0
Lethrinidae	211.3	25.1	0.0	73.2	0.3	0.9	0.0	0.0	111.4	0.4
Lutjanidae	288.5	0.7	0.0	0.1	0.0	285.4	0.8	0.0	1.5	0.0
Portunidae	170.0	20.4	0.0	0.0	0.9	14.3	4.8	0.0	1.1	128.5
Scombridae	503.3	0.0	0.0	50.7	69.9	0.1	0.0	0.0	382.3	0.3
Epinephelidae	419.3	179.1	0.0	124.6	1.9	2.5	0.0	0.0	110.9	0.3
Sparidae	49.1	16.6	0.0	0.1	4.0	4.5	23.6	0.0	0.3	0.0
Others	461.9	6.2	2.2	21.6	131.3	35.9	122.6	0.0	140.7	1.4

Source: Environment Agency - Abu Dhabi

Table 3.8: Value of Fish Catch by Boat Type and Fishing Methods, 2019

Value in 000 AED

| Fish families	Total	Lansh		Nezha	Tarad					
		Gargoor	Manshalla	Hadaq	Defara	Hadhra	Sakhar	Ghazal	Hadaq	Nesaab
Total	57,162.6	8,817.7	11.3	10,271.2	4,473.5	2,809.6	2,565.3	0.0	25,905.7	2,308.2
Carangidae	8,684.8	434.5	0.0	2,038.7	79.1	128.4	190.6	0.0	5,807.0	6.5
Haemulidae	538.9	455.6	0.0	0.0	6.8	42.7	33.1	0.0	0.7	0.0
Lethrinidae	4,293.8	596.4	0.0	1,370.4	4.7	22.0	0.0	0.0	2,292.0	8.3
Lutjanidae	1,884.8	18.5	0.0	0.5	0.0	1,854.4	5.4	0.0	6.0	0.0
Portunidae	2,855.7	298.8	0.0	0.0	21.2	181.6	78.2	0.0	18.3	2,257.5
Scombridae	14,175.0	0.0	0.0	1,327.0	2,062.0	0.7	0.0	0.0	10,775.6	9.7
Epinephelidae	16,388.8	6,690.6	0.0	5,264.3	79.3	115.4	0.0	0.0	4,230.6	8.6
Sparidae	609.7	212.4	0.0	2.2	59.9	44.7	285.6	0.0	4.9	0.0
Others	7,731.1	110.9	11.3	268.1	2,160.5	419.7	1,972.4	0.0	2,770.6	17.6

Source: Environment Agency - Abu Dhabi

Table 3.9: Total Number of Trip by Landing Site, Boat and Type Combination, 2019

Value in 000 AED

Fish families	Total	Lansh		Nezha	Tarad					
		Gargoor	Manshalla	Hadaq	Defara	Hadhra	Sakhar	Ghazal	Hadaq	Nesaab
Total	35,546	1,275	5	12,908	1,798	2,553	1,925	0	14,483	599
Al Bateen	1,679	0	0	0	0	1,123	0	0	556	0
Al Saadiyat	3,448	0	0	0	645	936	1,827	0	0	40
Al Sadar	6,983	9	0	4,365	0	0	0	0	2,609	0
Delma Island	3,264	423	0	0	0	137	0	0	2,704	0
Free Port	5,792	779	5	0	0	0	0	0	5,008	0
Marfa	8,858	0	0	4,122	1,153	221	98	0	2,705	559
Sila	5,522	64	0	4,421	0	136	0	0	901	0

Source: Environment Agency - Abu Dhabi

Figure 3.8: Percentage Distribution of Trip by Landing Site, 2019

Al Bateen ■ Al Saadiyat ■ Al Sadar ■ Delma Island ■ Free Port ■ Marfa ■ Sila

5%
10%
20%
9%
16%
25%
15%
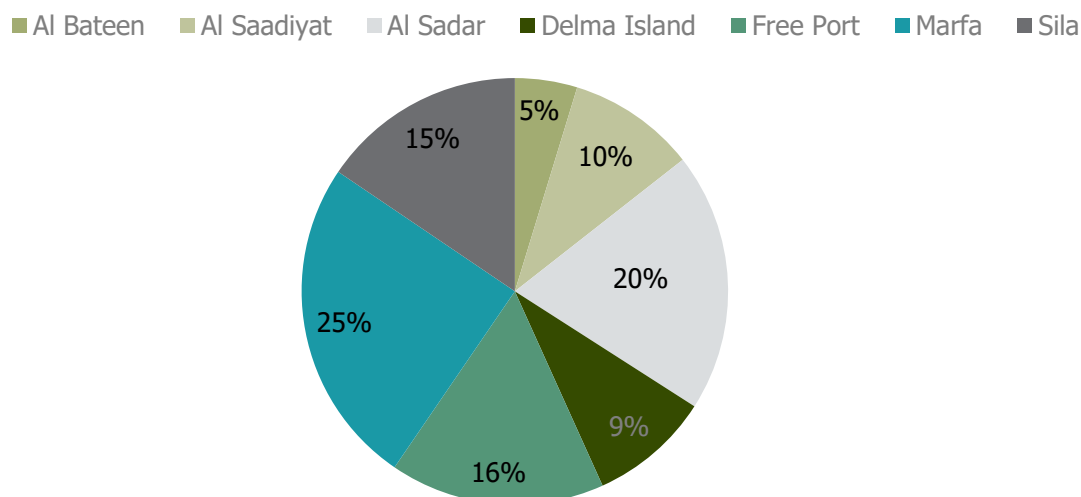
Table 3.10: Total Number of Trips by Month and Landing Site, 2019

Month	Total	Al Bateen	Al Saadiyat	Al Sadar	Delma	Free Port	Marfa	Sila
Total	35,546	1,679	3,448	6,983	3,264	5,792	8,858	5,522
Jan	3,107	25	215	835	193	447	715	677
Feb	2,959	29	179	554	289	505	1,216	187
Mar	2,708	33	222	355	371	513	926	288
Apr	2,480	154	110	512	330	316	746	312
May	1,844	121	75	225	112	286	507	518
Jun	2,814	191	446	306	521	370	489	491
Jul	3,427	293	401	600	304	526	714	589
Aug	2,888	251	378	599	214	513	476	457
Sep	3,169	392	647	431	238	610	436	415
Oct	3,352	58	285	740	289	520	883	577
Nov	3,365	76	269	665	222	686	834	613
Dec	3,433	56	221	1,161	181	500	916	398

Table 3.11: Total Number of Fishermen and Fishing Boats, 2015 to 2019

Year	Number of Fishermen	Number of Fishing boats		
		Tarad	Lansh	Total
2015	3,880	625	230	**855**
2016	4,022	641	243	**884**
2017	4,260	687	252	**939**
2018	3,760	628	208	**836**
2019	3,894	639	223	**862**

Source: Environment Agency - Abu Dhabi

Livestock and Fisheries Statistical Methodology

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

1. Overview

The livestock and fisheries statistics present detailed statistics on the composition of the livestock sector, which contributes to the diversification of income sources, boosts food security, and provides employment opportunities, besides covering part of the needs of families as part of the secondary activities of households. The livestock sub-activity, which includes: (livestock populations and commercial farms) is increasingly using modern production equipment and techniques, especially in the field of poultry and cattle farms, gaining further significance as contributor to the national income. The livestock statistics also contains detailed data on fisheries, considering that fishing is an important of economic activity in the Emirate of Abu Dhabi. Fish stocks assessment is a process that requires regular and periodic and effective monitoring of fish populations and the exploitation of fisheries, since data on the catch and fishing pressure, together with fish statistics, are necessary for effective management of fisheries, thereby contributing to the development and sustainability of the fishing sector.

2. Importance

Livestock, commercial farms and fisheries data support scientific research in the agricultural sector, help policy and decision makers develop future plans for the advancement of the livestock and fisheries sector and promote the concept of food security.

3. Objectives

Livestock statistics seek to provide data on the composition of the livestock sector, which includes (livestock numbers, commercial farms) detailed by regions in the emirate and covering the size and distribution of livestock populations, the quantities of animal production, animal health data, commercial farm data by farm type, etc.

The fisheries statistics aim to provide fish data production quantitative by value and volume, along with data on the quantities and values of production inputs by fish families and landing sites, fishing methods, month, size of employment in fishing activities, etc.

4. Concepts and Definitions

The Dictionary of Terminology used by Statistics Center Abu Dhabi, published on the SCAD's website, provides a list of the terms and concepts used in livestock and fisheries statistics, giving definitions of the terms and their international reference source. The dictionary can be accessed through the link below:

https://www.scad.gov.ae/ar/pages/ManualClassification.aspx
SCAD Glossary

5. Coverage

- Geographical coverage of livestock statistics:
  1. Abu Dhabi
  2. Al Ain
  3. Al-Dhafra

- Livestock statistical units:
  1. Livestock holdings.
  2. Commercial farms.

- Fisheries statistics cover fishing data by landing site:
  1. Free Port
  2. Al Sadar
  3. Delma
  4. Al Marfa
  5. Al Bateen
  6. Al Saadiyat
  7. Al Sila

6. Periodicity

Annual

7. Classifications

The classification of agricultural data use's FAO's internationally endorsed and classifications set out in the guidelines of the World Programme for the Census of Agriculture 2020.

8. Main Data Source

Administrative records of the following entities:

1. Abu Dhabi Agriculture and Food Safety Authority
2. Environment Authority Abu Dhabi
3. Department of Municipalities and Transport / Abu Dhabi Municipality
4. Department of Municipalities and Transport / Al Ain Municipality
5. Department of Municipalities and Transport / Al-Dhafra Municipality

9. Data Collection

Livestock and fisheries data from data providers are collected using e-mail, electronic links and official letters.

10. Data Auditing

1. Checking the data by applying the matching rules between linked tables.
2. Ascertaining completeness and coverage of all required table data.
3. Checking and correcting the data for any errors, discrepancies or outlying vales.
4. Imputation for missing values and anomalous values.
5. Comparison of the data with statistics of previous cycles (time series data).
6. Comparison of the statistical figures produced with other relevant data (internal and external if available).
7. Elimination of any conflicting figures in the statistics produced.

11. Indicators Calculation

Statistical outputs are compiled using mathematical formulas or aggregations and reclassification of input data prior to publication. In the processing of missing values are imputed, data harmony and consistency is ascertained, the relative and absolute difference between the variable value sourced from administrative records of the current period and its value in previous periods is measured, adjustment is carried out for any errors. Output tables are then prepared and categorized by topic within the livestock and fisheries publication.

12. Timelines

- Current release: September 2020 for 2019 data
- Next release: September 2021 for 2020 data

13. Dissemination

The data is published in the form of statistical tables or uploaded versions on the website.

Notes on Tables

1. Source of Number of livestock from: The Animal Identification and Registration System, livestock numbering.
2. 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 2021 for 2020 data.

مـركـز الإحـصـاء
STATISTICS CENTRE

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