Kingdom of Lesotho

Bureau of Statistics

Statistical Report
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LESOTHO LIVESTOCK PRODUCTS REPORT 2017/2018

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Mission: To coordinate the National Statistical System(NSS) and produce accurate, timely and reliable culturally relevant and internationally comparable statistical data for evidence-based planning, decision making, research, policy, program formulation and monitoring and evaluation to satisfy the needs of users and producers.

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1.0 Introduction

The Bureau of Statistics (BOS) collects, compiles and analyses data on livestock products. The 2017/2018 Livestock Products Report provides information on livestock products for both 2017/2018 Agricultural and Marketing Years. The Agricultural Year starts from 1st August to 31st July of the following year while Marketing Year commences from 1st April to 31st March of the following year. The report covers the production of; Milk and Milk products and Eggs.

1.1 Data Collection

Data on livestock products is obtained from relevant ministries and other organizations in a form of secondary data. These sectors include Ministry of Agriculture and Food Security (MAFS); Department of Livestock, Ministry of Small Business; Department of Marketing and Lesotho National Dairy Board (LNDB). The information on milk and milk products is collected from LNDB, as well as their imports.

Local egg production, slaughtered animals and some of the milk data is obtained from the Agricultural Production Survey (APS) conducted by BOS. This information is collected through face to face interviews from selected agricultural households or farming households from rural areas of the country.

1.2 Limitations

There is under coverage in livestock products data because some of the imported or exported livestock products may enter or exit the country without being declared. The Zero (0) in this report means that there were no selected households in a district with some certain characteristics.

2.0 Findings

The section of findings gives details on milk, eggs and meat production. They may also include imports of some of these livestock products.

2.1 Milk Production

The information on the raw milk collected through APS as well as raw milk that was received by the Lesotho Dairy Products Company is discussed in this part. It includes processed milk and imports of milk products.

2.1.1 Raw Milk

Table 2.1 gives information on the quantity of milk produced by district for 2017/2018 Agricultural Year. During the year, 4,822,110 litres of milk were produced. Leribe had the highest quantity of milk produced (28.2 percent) while Berea and Mafeteng were the least with 1.5 percent each.

Table 2.1: Quantity of Rural Milk produced (litres) by District, 2017/2018 Agricultural Year

District	Production	Percentage
Botha-Bothe	757,890	15.7
Leribe	1,360,080	28.2
Berea	72,720	1.5
Maseru	232,830	4.8
Mafeteng	70,740	1.5
Mohale's Hoek	174,510	3.6
Quthing	437,130	9.1
Qacha's Nek	145,080	3.0
Mokhotlong	677,250	14.0
Thaba-Tseka	893,880	18.5
Lesotho	**4,822,110**	**100**

Figure 2.1 shows the trend analysis of raw milk produced in the rural areas from 2013/2014 to 2017/2018 Agricultural Years. The production of milk has increased by 5.3 percent in 2015/2016 Agricultural Year and the extremely highest percentage was in 2017/2018 with 566.6 percent. The highest decrease in the production of raw milk was both in 2014/2015 and 2016/2017 with 62.0 percent each.

Figure 2.1: Quantity of Raw Milk produced by Year in ('000 litres), 2013/2014 – 2017/2018 Agricultural Years

Some farmers in Lesotho sell raw milk to Lesotho Dairy Plant. Therefore, raw milk data collected by Lesotho Dairy Plant is presented in Table 2.2. About 2,118,697 litres of milk were received from farmers in 2017/2018 Marketing Year. The highest quantity of milk was received in June (44.1 percent) while other months range from 4.1 percent to 6.5 percent.

Table 2.2: Quantity of Raw Milk (litres) Received by Month, 2017/2018 Marketing Year

Month	Received	Percentage
April	87,648.3	4.1
May	90,319.5	4.3
June	933,298.0	44.1
July	98,189.7	4.6
August	102,969.4	4.9
September	94,574.4	4.5
October	104,212.3	4.9
November	103,177.4	4.9
December	118,152.2	5.6
January	126,959.8	6.0
February	121,159.1	5.7
March	138,036.5	6.5
Total	**2,118,697**	**100**

Source: Lesotho National Dairy Board

Figure 2.2 shows the quantity of raw milk by period (2013/2014 – 2017/2018). The highest increase was in 2017/2018 Marketing Year (64.1 percent) while in 2014/2015 Marketing Year was lower with 9.2 percent. There was a decline of 8.7 percent in 2016/2017.

Figure 2.2: Quantity of Raw Milk ('000 litres) received by Year, 2013/2014 – 2017/2018 Marketing Years

2.1.2 Processed Milk

Table 2.3 shows Fresh Pasteurized and Cultured (Mafi) milk processed during 2017/2018 Marketing Year by month. During the year, about 270,625 litres of Fresh Milk and 2,180,624 litres of Cultured Milk were processed. The highest quantity of Fresh Milk was observed in September constituting 10.2 percent while highest percentage of Cultured Milk was observed in December constituting 11.4 percent. The smallest amount of Fresh and Cultured Milk was observed in May and June constituting 6.6 and 6.9 percent respectively.

Table 2.3: Quantity and Share of Processed Milk (litres) by Month and Type, 2017/2018 Marketing Years

	Fresh		Cultured	
Month	**Quantity**	**Percentage**	**Quantity**	**Percentage**
April	21,729	8.0	185,806	8.5
May	26,420	9.8	144,583	6.6
June	18,294	6.8	150,543	6.9
July	21,410	7.9	151,925	7.0
August	26,949	10.0	165,433	7.6
September	27,647	10.2	176,406	8.1
October	24,325	9.0	198,628	9.1
November	23,938	8.8	217,547	10.0
December	20,941	7.7	248,541	11.4
January	22,998	8.5	199,046	9.1
February	20,295	7.5	157,858	7.2
March	15,679	5.8	184,308	8.5
TOTAL	**270,625**	**100.0**	**2,180,624**	**100**

Source: Lesotho National Dairy Board

2.1.3 Imports of Milk and Milk Products

Imported raw milk data is presented in Table 2.5. During 2017/2018 Marketing Year, 1,116,455 litres of milk were imported. The highest quantity of raw milk was received in October with 12.0 percent. The lowest amount received was in March (4.1 percent)

Table 2.4: Imported Raw Milk (litres) Received by Month, 2017/2018 Marketing Year

Month	Imports	Percentage
April	100,820	9.0
May	110,079	9.9
June	81,305	7.3
July	61,597	5.5
August	101,100	9.1
September	102,784	9.2
October	134,084	12.0
November	126,833	11.4
December	103,190	9.2
January	98,024	8.8
February	50,386	4.5
March	46,253	4.1
Total	**1,116,455**	**100**

Source: Lesotho National Dairy Board

Milk products were imported into the country from RSA during 2017/2018 Marketing year. They included; Long-life, Yoghurt, Ice Cream and Custard. Table 2.4 gives the quantity of imported Milk Products for the year. Long-life was mostly imported (80.2 percent) while Yoghurt was the least, constituting 0.7 percent. Yoghurt was mostly imported in January (206,050 litres), Custard in March (57,321litres) and Ice Cream in December (25,036 litres).

Table 2.5 Quantity of Imported Milk Products (Litres) by Type, 2017/2018 Marketing Year

Month	Long-life	Yoghurt	Custard	Ice Cream
April	948,682	169,901	28,617	3,272
May	885,441	165,228	26,874	1,369
June	670,662	129,655	23,634	1,572
July	823,046	148,367	19,901	1,052
August	411,510	171,403	24,538	7,277
September	866,251	197,755	24,122	8,287
October	1,134,614	184,964	54,517	10,142
November	1,161,919	185,805	49,394	12,941
December	1,021,159	201,887	42,732	25,036
January	595,256	206,050	24,250	22,476
February	979,159	151,825	18,016	9,030
March	815,964	174,087	57,321	2,198
Total	**10,313,663**	**2,086,927**	**393,916**	**104,652**
Percentage	**80.2**	**0.7**	**16.4**	**2.7**

Source: Lesotho National Dairy Board

Figure 2.3 depicts trend analysis of imported milk products. The figure shows that the imports of Long-life had been decreasing from 2014/2015 to 2016/2017 Marketing Years while the increase (6.0 percent) was observed in 2017/2018. The highest decrease (9.0 percent) of Long-life was in 2014/2015 and the lowest decrease (0.3 percent) was in 2016/2017. The imports of Yoghurt had been increasing for all the years. Imported Yoghurt increased by 18.2 percent in 2015/2016 with another increase of 2.9 percent in 2016/2017. Ice cream has been increasing for all these years except in 2016/2017 where there was a decrease of 34.5 percent. The imports of Ice cream were extremely high in 2017/2018 (345.8 percent). Imported Custard had increased by 53.7 and 27.7 percent in 2014/2015 and 2015/2016 Marketing years respectively followed by a decrease of 1.7 and 67.8 percent in 2016/2017 and 2017/2018 Marketing years respectively.

Figure 2.3: Imported Milk Products ('000 Litres) by Year, 2013/2014 - 2017/2018 Marketing Years

2.2 Meat Production

The data on meat production in the report refers to the number of slaughtered animals mainly at household level in the rural parts of the country. These animals include cattle, sheep, goats and pigs.

2.2.1 Slaughtered Animals

Table 2.6 gives the number of slaughtered animals. The table shows that Sheep and Goats were the most slaughtered animals with 45.7 and 35.2 percent respectively. Leribe had the highest number of cattle (2,891) slaughtered. Sheep and goats were mostly slaughtered in Thaba-Tseka (9,932) and Mohale's Hoek (9,800) respectively. Berea had the highest number of pigs (2,517) slaughtered.

Table 2.6: Number of Slaughtered Animals by District and Type, 2017/2018 Agricultural Year

District	Cattle	Sheep	Goats	Pigs
Botha-Bothe	0	1,589	1,189	287
Leribe	2,891	7,766	8,103	1,615
Berea	1,606	6,315	4,237	2,517
Maseru	2,443	7,234	5,629	1,786
Mafeteng	801	6,702	2,876	1,386
Mohale's Hoek	1,700	9,369	9,800	1,506
Quthing	105	3,089	5,877	1,128
Qacha's Nek	266	2,437	1,316	147
Mokhotlong	412	3,810	1,563	610
Thaba-Tseka	976	9,932	4,383	609
Lesotho	**11,199**	**58,244**	**44,973**	**11,590**
Percentages	**8.8**	**45.7**	**35.2**	**9.1**

Figure 2.4 depicts trend analysis of slaughtered animals from 2013/2014 to 2017/2018 Agricultural Year. In 2016/2017 there had been some decreases in all slaughtered animal. The slaughtering of pigs had declined by 81.6 percent in 2016/2017. Sheep and goats slaughtering increase in 2017/2018 with 1.41 and 1.38 percent respectively.

Figure 2.4 Slaughtered Animals (000'), 2013/2014 to 2017/2018 Agricultural Years

2.3 Egg Production

The section on eggs production is the production at household level.

2.3.1 Local Egg Production

Table 2.7 presents the production of eggs for the year. During 2016/2017 Agricultural Year, 548,702 trays of eggs were produced in the rural areas. Maseru had the highest production of eggs (29.7percent) while Botha-Bothe had the lowest eggs production of 2.5 percent.

Table 2.7: Percentage Distribution of Egg Production (trays) by District, 2017/2018 Agricultural Year

District	No of Trays	Percentage
Botha-Bothe	13,928	2.5
Leribe	73,012	13.3
Berea	24,624	4.5
Maseru	163,226	29.7
Mafeteng	45,934	8.4
Mohale's Hoek	84,868	15.5
Quthing	39,744	7.2
Qacha's Nek	19,806	3.6
Mokhotlong	31,988	5.8
Thaba-Tseka	51,572	9.4
Lesotho	**548,702**	**100**

Ministry of Small Business; Department of Marketing

Figure 2.5 presents the egg production trend from 2013/2014 to 2017/2018 Agricultural Years. The figure shows an increase in the production of eggs for all years except in 2016/2017 where there was a decline of 88.8 percent.

Figure 2.5 Eggs (trays) produced by Year, 2013/2014-2017/2018 Agricultural Years

Source: Lesotho National Dairy Board

2.2.2 Imported Eggs

Table 2.8 presents imported eggs. In the table, about 39,417 trays of eggs were collected during 2017/2018 Marketing Year. The highest quantity of eggs was in May (32.9 percent) while December was the least with 0.3 percent.

Table 2.8: Percentage Distribution of Imported Eggs, 2017/2018 Marketing Year

Month	No of Trays	Percentage
April	336	0.9
May	12,976	32.9
June	0	0.0
July	786	2.0
August	777	2.0
September	3,368	8.5
October	718	1.8
November	2,756	7.0
December	120	0.3
February	5,450	13.8
January	7,810	19.8
March	4,320	11.0
Total	**39,417**	**100**

Source: Department of Marketing

Annex LP

LP1: Quantity of Raw Milk produced by Year, 2013/2014 – 2017/2018 Agricultural Years

Year	Quantity
2013/2014	4,753,213
2014/2015	1,806,020
2015/2016	1,902,502
2016/2017	723,380
2017/2018	4,822,110

LP2: Quantity of Raw Milk ('000 litres) received by Year, 2013/2014 – 2017/2018 Marketing Years

Year	Quantity
2013/2014	1,127,049
2014/2015	1,230,564
2015/2016	1,414,667
2016/2017	1,291,401
2017/2018	2,118,697

Source: Lesotho National Dairy Board

LP3: Imported Milk Products (Litres), 2013/2014 - 2017/2018 Marketing Year

Year	Longlife	Yoghurt	Ice Cream	Custard
2013/2014	10,806,402	1,464,044	69,411	168,363
2014/2015	9,835,077	1,631,172	84,415	258,690
2015/2016	9,758,541	1,928,599	134,994	330,230
2016/2017	9,726,554	1,985,320	88,370	324,766
2017/2018	10,313,663	2,086,927	393,916	104,652

Source: Lesotho National Dairy Board

LP4: Number of Slaughtered Animals by District, Ecological Zone and Type, 2017/2018 Agricultural Year

Zone	Cattle	Sheep	Goats	Pigs
Lowlands	0	377	0	287
Foothills	0	221	0	0
Mountains	0	991	1,189	0
Total	**0**	**1,589**	**1,189**	**287**
Lowlands	2,105	2,813	2,484	507
Foothills	787	1,967	2,065	787
Mountains	0	2,986	3,554	321
Total	**2,891**	**7,766**	**8,103**	**1,615**
Lowlands	1,606	5,086	3089	2,119
Foothills	0	1,229	1,147	398
Total	**1,606**	**6,315**	**4,237**	**2,517**
Lowlands	1,822	2,454	2,111	750
Foothills	621	3,079	2,818	936
Mountains	0	1,702	701	100
Total	**2,443**	**7,234**	**5,629**	**1,786**
Lowlands	513	5,834	2,007	611
Foothills	288	868	868	775
Total	**801**	**6,702**	**2,876**	**1,386**
Lowlands	100	2,978	890	397
Foothills	102	0	1,018	204
Mountains	298	2,252	1,919	103
Senqu River Valley	1,201	4,139	5,973	802
Total	**1,700**	**9,369**	**9,800**	**1,506**
Mountains	0	2,242	4,189	799
Senqu River Valley	105	846	1,688	329
Total	**105**	**3,089**	**5,877**	**1,128**
Mountains	0	1,445	386	96
Senqu River Valley	266	992	930	51
Total	**266**	**2,437**	**1,316**	**147**
Mountains	412	3,810	1,563	610
Total	**412**	**3,810**	**1,563**	**610**
Mountains	785	5,955	2,688	609
Senqu River Valley	191	3,977	1,695	0
Total	**976**	**9,932**	**4,383**	**609**
Lesotho	**11,199**	**58,244**	**44,973**	**11,590**

LP5: Number of Slaughtered Animals from 2013/2014 to 2017/2018 Agricultural Year

Year	Cattle	Sheep	Goats	Pigs
2013/2014	15,590	51,704	41,464	35,271
2014/2015	16,707	57,263	43,071	25,148
2015/2016	15,340	56,837	31,678	36,204
2016/2017	6,623	24,159	18,899	6,658
2017/2018	11,199	58,244	44,973	11,590

LP6: Number of Eggs (Trays) Produced by Year, 2013/2014-2017/2018 Agricultural Years

Year	Production
2013/2014	3,324
2014/2015	3,842
2015/2016	1,032,154
2016/2017	116,033
2017/2018	548,702