

LIVESTOCK STATISTICAL BULLETIN 2019

*Department of Animal Production and Health
Peradeniya - Sri Lanka*

Contents

Preface	I
Executive Summary	ii
Introduction	iv
Methodology	3
Livestock Population maps	4
Livestock Production maps	8
1. Chapter 1 - Livestock Farms	
1.1 Number of Registered Livestock Farms – 2019	12
1.2 Cattle Farm Management System Distribution – 2019	13
2. Chapter 2 – Livestock Population Distribution by District	
2.1 Cattle Population - 2019	14
2.2 Cattle Breeds – 2019	15
2.3 Buffalo Population - 2019	16
2.4 Goat Population (2015 – 2019).....	17
2.5 Swine Population (2015 – 2019)	18
2.6 Annual Average Population of Poultry (2016 – 2019)	19
2.7 Poultry Breeder Population – 2019	20
3. Chapter 3 – Meat, Egg and Day Old Chick Production	
3.1 Chicken Meat, Egg and Pork Production (2015 – 2019)	21
3.2 Meat Based Value Added Production (2015 – 2019)	21
3.3 Commercial Chick Production (2018 – 2019)	22
3.4 Beef Production (2015 – 2019)	23
3.5 Mutton Production (2015 – 2019)	24

4. Chapter 4 - Milk Production and Collection 2015 - 2019	
4.1 Cow Milk Production (2015 – 2019)	25
4.2 Buffalo Milk Production (2015 – 2019)	26
4.3 Total Milk Production (2015 – 2019)	27
4.4 Average Milk Production - 2019	28
4.5 Milk Collection and Chilling Capacity - 2019	29
4.6 Milk Collection by Quarters - 2019	30
5. Chapter 5 – Imports and Exports (2015-2019)	
5.1 Import of Milk and Milk Products	31
5.2 Import of Milk and Milk Products in LME	32
5.3 Average Prices of Whole Milk Powder in International Market ...	33
5.4 Export of Milk and Milk Products	34
5.5 Export of Milk and Milk Products in LME	35
5.6 Import of Meat and Meat Products	36
5.7 Export of Meat and Meat Products	37
5.8 Import of Feed Ingredients	38
6. Chapter 6 – Feed Production and Prices	
6.1 Animal Feed Production (2015– 2019)	39
6.2 Animal Feed Ingredient Production (2015 – 2019)	40
6.3 Compound Feed Prices (2015 – 2019)	41
6.4 Feed Ingredients Retail Prices (2015 - 2019)	42
7. Chapter 7 – Livestock Product Prices	
7.1 Prices of Poultry and Poultry Products – 2019	43
7.2 Retail Prices of Meat and Eggs (2017 – 2019)	44
8. Chapter 8 – Cost of Production and Availability	
8.1 Cost of Production of Livestock Products (2015 – 2019)	45
8.2 Per Capita Availability of Livestock Products per Year (2015 – 2019)	46

PREFACE

In the development arena maintaining databases are extremely important. It is a necessity for sound planning and policy formulation pertaining to the sector. With the rapid growth of the livestock industry, it has become obligatory to compile, analyze and maintain livestock statistics for easy reference and for usage. To address the need of authenticated data “**Livestock Statistical Bulletin**” is prepared by the Division of Livestock Planning and Economics (LPE) of the DAPH and it goes as an annual publication.

The division of LPE collects data from various government and private organizations. Government Veterinary Office provide information on animal population, number of farms, etc. Further, the division obtains data from various other private organizations on production, imports, exports, prices etc... to bring out this publication in useful and attractive manner.

Therefore, I would like to extend my gratitude to all the data providers since this will not be a reality without their priceless contribution. Provincial Directors (PD), Government Veterinary Surgeons (GVS), Livestock Development Instructors (LDI) and all the and other provincial officials for providing data are valued in this process. Also, other data providers of the government sector such as NLDB, MILCO, Department of Customs and DCS and the private organizations viz. dairy producers, milk processors, poultry producers are well appreciated.

At the same time, I am thankful to all Livestock Development Officers (LDO) Development Officers (DO) in LPE Division for collecting and compiling data on livestock sector. I am thankful to all the Veterinary Surgeons in the LPE division for data analysis and presentation in summarized form. Also, the service rendered by Dr. Ms. K.A.C.H.A. Kothalawala (Livestock Economist) in supervising and guiding to bring out the publication is well appreciated. The invaluable contribution made by all of them to make this a success is placed on record with gratitude.

I am also thankful to Dr. S.S.P Silva (Director/ Livestock Planning and Economics) for guidance given in this work while equally acknowledging Dr. Ms. K.A.C.H.A. Kothalawala (Livestock Economist) who initiated this valuable task in 2011.

I hope that this publication will be immensely useful for policy makers, planners, and stakeholders of the livestock industry.

Dr. K.D. Ariyapala
Director General,
Department of Animal Production and Health,
April 2020

EXECUTIVE SUMMARY

Livestock sector contribution to the total GDP is around 1% at present. Future planning for further development based on past trends and forecasting is an obligation of the Industry. In this scenario data pertaining to the livestock sector are necessary to be collected, analyzed and used for interpretations.

In year 2019, cattle population has been increased by 4.2% while buffalo population increased by 2.9% when compared to 2018. In spite of this increase in population, the total milk production in 2019 has decreased by 14% (70 million liters) compared to 2018. Formal milk collection has also been decreased by 10% in 2019, which may result a consequence of negative growth rate of the dairy sector. Imports of milk and milk products have been slightly decreased by 6024MT compared to 2018 while value of imports increased by Rs.1644 million. As the result, annual per capita availability of milk has decreased to 52.26 kg.

According to the available data, chicken meat production has increased by 4.6% whereas the egg production has decreased by 7.8% in year 2019 compared to 2018. Commercial poultry feed production shows slight increase. The per capita availability of chicken meat per year has increased from 9.7kg in 2018 to 10.2kg in 2019. The per capita availability of eggs has been decreased from 131.4 eggs per year in 2018 to 120.2 eggs per year in 2019. The availability of broiler day old chicks in year 2019 has increased by 7% while the production of layer day old chicks shows slight increase. Average retail price of egg in 2019 was around Rs.18.00 while the same of whole chicken was around Rs.590.00.

Goat production is still recognized as a traditional form of livestock production among farmers especially in the dry Zone. Out of the total (550,883) goat population mail part concentrated in the dry and intermediate zones. The highest population (168,981) reported in Eastern Province and 58% of total goat population is located in Eastern and Northern provinces. The mutton which is the main output of goat industry is around 1.81('000MT), resulting 0.12 kg of per capita availability in year 2019.

The beef production has marginally increased to 29.87('000MT), and per capita availability is around 1.37kg/year in 2019. The average retail price of beef is around Rs.1023.00/kg.

Swine production is mainly concentrated in western coastal belt of Sri Lanka. Total pig population has decreased from 181,000 in 2018 to 141,818 in 2019. Out of the total pig population 67% of pigs are reared by farmers in Western and North Western provinces of the country. However, the annual swine meat production is 7.8('000MT) resulting per capita availability of 0.36 kg/year 2019. The retail price of pork is around Rs.780.00/kg in the domestic market.

INTRODUCTION

Livestock rearing in Sri Lanka is still a rural livelihood activity which utilizes idling labour, underutilized agricultural by products and marginal lands. There is a strong symbiotic relationship between the crop and livestock and exploiting the synergies of the two sub-sectors of crop and livestock helps to enhance the productivity of the agriculture economy of Sri Lanka.

At present, industry and service sectors are rapidly growing, compared to the agriculture sector, hence the contribution of agriculture, forestry and fisheries sector to national GDP remains at 7% in 2018 (Annual Report, Central Bank of Sri Lanka, 2018), while the contribution of livestock has been remained nearly at 1% for the recent years.

The consumption of livestock products has increased dramatically over the last two decades with the increase of per capita income, urbanization and socio-cultural changes. Livestock production, while helping to improve the nutritional status of the producers themselves, offers many possibilities for value addition by converting them into numerous high value products. Furthermore, the livestock industry complements other industries such as tanneries and blacksmiths. Wastes of livestock could be used in energy production which in turn helps to reduce Green House Gas emission in waste management. Domestic biogas units associated with cattle and pig farming have proven as successful sources of alternate energy for many domestic energy needs in rural Sri Lanka. These characteristics and the labour intensive nature of many livestock operations can be effectively harnessed for rural employment creation, livelihood improvement and poverty alleviation.

Easter attack in early 2019 shows negative impact on livestock development in production drop and the consumption drop.

Dairy Sector

Dairy farming has been a practice from pre historic era among rural people in Sri Lanka. Traditionally dairy animals have performed multiple functions of producing milk for household consumption, males as a media of transportation, draft and dung as an organic fertilizer and fuel. They may act as a capital reserve and provide employment to help farmers over lean periods and give greater income stability. Presently, it is one of the major

employments for rural poor. Dairy animals generate a continuous flow of income and act as a cushion against income shocks arising due to crop failure for resource poor people. Milk is a 'cash crop' for smallholders, converting low value agricultural byproducts, crop residues and cheap family labor into a value-added market commodity. Regular milk sales allow them to move from subsistence to earning a market-based income.

The small-scale dairying is still predominant in the country. The industry is in transitional period. The newly establishing large and medium scale dairy operations may convert dairy from livelihood operation to a profitable industry. Further the growing trends for organic farming will open another window for market-based income. Accommodation of local production in the market chain has become a challenge. Therefore, the development of infra-structure such as milk collecting networks, facilities for value addition and further processing and quality assurance will be required for smooth growth of the industry.

Though 61% of milk and dairy requirement is still depending on imports, dairy sector has shown significant development in the recent years. Of the 424.1 million liters of milk that was produced locally, the volume of milk entering the formal milk market in 2019 was reduced to 243.4 million liters while the rest was channeled through informal routes and also consumed domestically. Total milk availability within the country decreased by 9% reaching 1,149.1 million liters resulting reduction of per capita availability of 58 L in 2018 to 52.3 L in 2019.

Poultry Sector

Poultry industry has shown a significant difference after 1977 with economic reforms in Sri Lanka. Since 1980 poultry population has grown from 6.3 million to 39.26 million in 2019. It is slight decrease of 2018 population (40.6 million). The per capita consumption of chicken meat and egg had changed from 100 g and 38 eggs in 1980 to 10.1 kg and 120 eggs in 2019. The poultry production is in private hands with forward contracts for input supplying and marketing mainly in small scale broiler production. Therefore, small scale rural farmers get their inputs at doorstep and have to market their products at pre agreed price. The consumption needs of poultry products are totally supplied by domestic enterprises.

Goat Sector

Goat production is a common small animal production mainly comprises of intensive and semi intensive management systems. In both systems animals are reared primarily for mutton, but some farmers keep animals mainly for milking purpose. Goat milk is becoming popular due to its merit in contributing to health benefits and therefore rearing dairy goats under intensive management is becoming popular since recent past, with rapid in Central and Western provinces. Goat milk has been catching a good demand in super markets at higher prices, receiving reasonable profit for dairy goat keepers.

Swine Sector

Pig production is mainly concentrated in the costal belt of Western and North-Western provinces of Sri Lanka. Although, the swine population has remained static around 80,000 over the past decades, it tends to increase in 2016. The population increase was significant in 2019 with 163,000 pigs. Highly commercialized large-scale farms with three-way crosses (Landrace, Large white and Duroc), middle scale intensive farms and semi intensive back yard farms with crosses of indigenous pigs produce animals for pork industry in the country.

Data collection and dissemination is a requirement for proper development plans of the Industry for future. In this situation data related to livestock sector is necessary to be collected, analyzed, interpreted and disseminated to the users. The objective of this document is to compile and disseminate the collected data for planners and policy makers of the sector.

METHODOLOGY

Data for this document has been collected from several institutions of government and private in different time intervals; and being analyzed to yield annual figures.

Economic models and formulas are used for estimating values. Data collected from reports, sample surveys by LPE division and, secondary data published by other institutions used in models.

Annually collected data from 337 veterinary ranges on animal population (cattle, buffaloes, goat/sheep, and swine), number of farms, management systems and animal breeds are compiled and presented. Milk collection data is collected from 14 milk collecting agencies such as MILCO, Cargill's, Nestle, Palwatte, Richlife, etc...

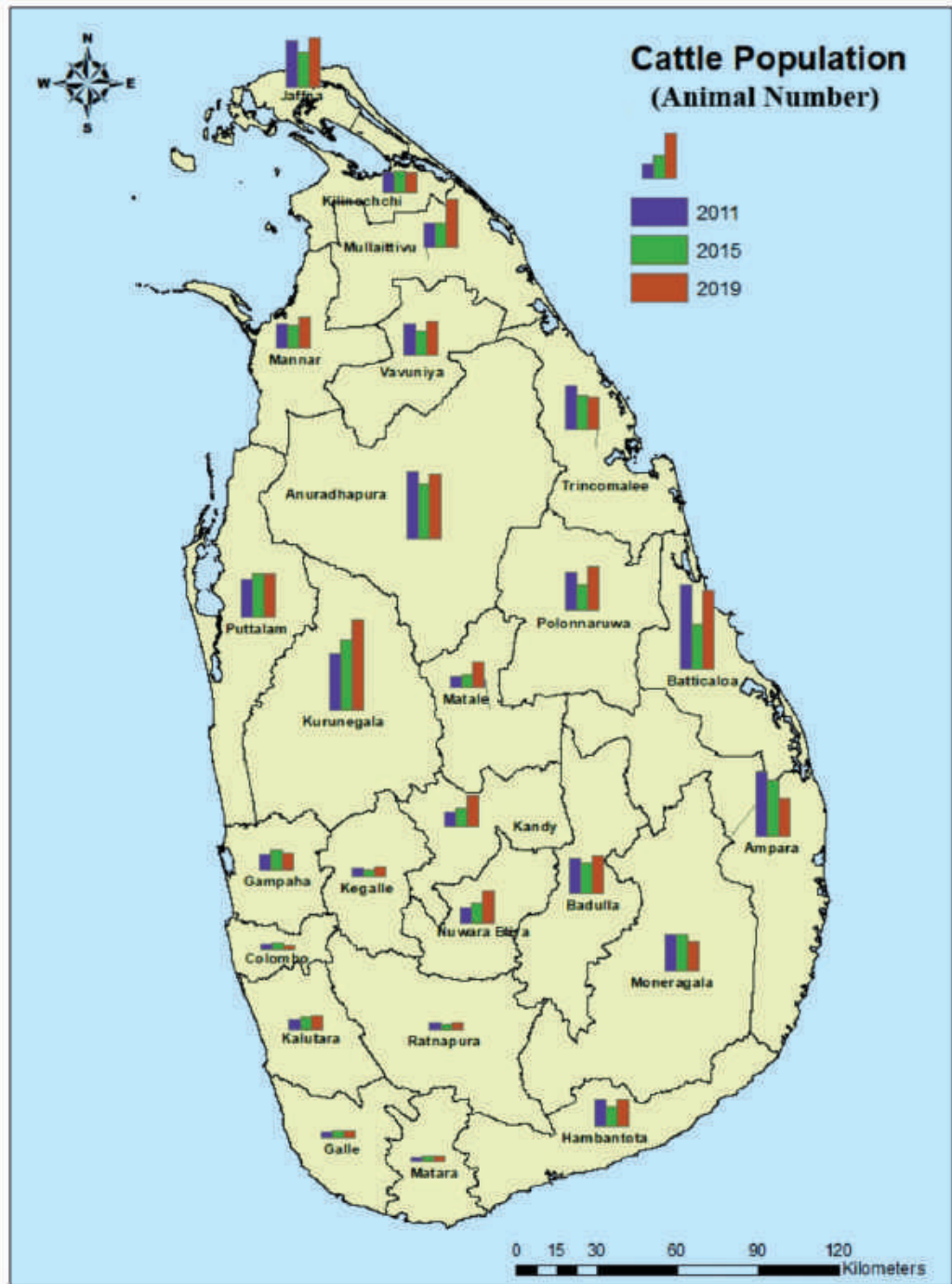
Data from Department of Census and Statistics (DCS), Local authorities are basically used in meat production estimations.

Poultry population, chicken meat production and egg production were estimated using monthly reports of poultry breeders and processors. Data on milk and meat imports and exports were taken from Sri Lanka Customs and Animal Quarantine Stations of DAPH. Data collected by technical divisions such as Veterinary Regulatory Affairs (VRA) also used in Animal feed production estimations.

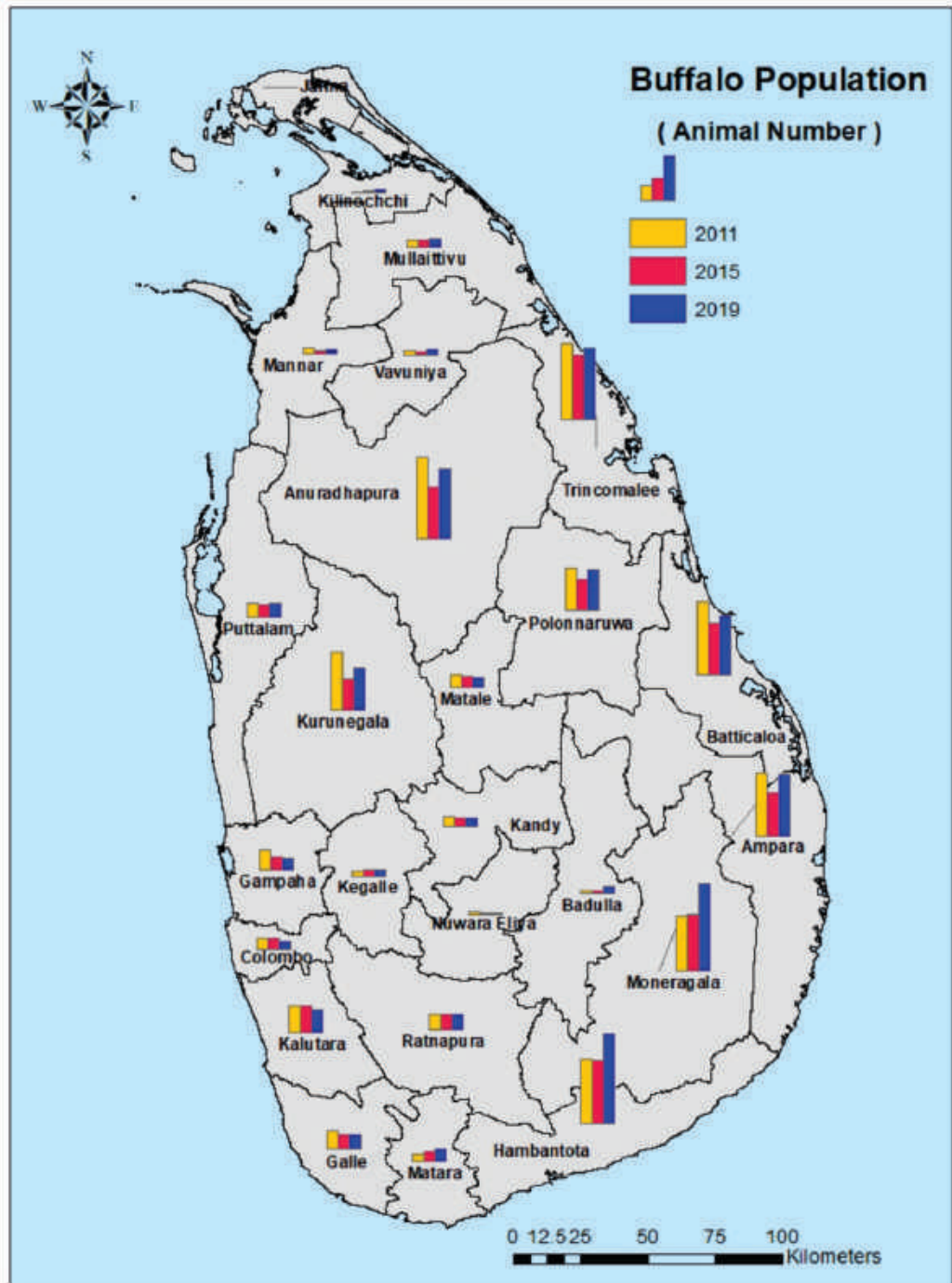
Retail market prices of livestock products were taken from reports of HARTI (Hector Kobbakaduwa Agrarian Research and Training Institute).

The collected data has been complied and analyzed for annual values, production estimates, economic indicators, and trends.

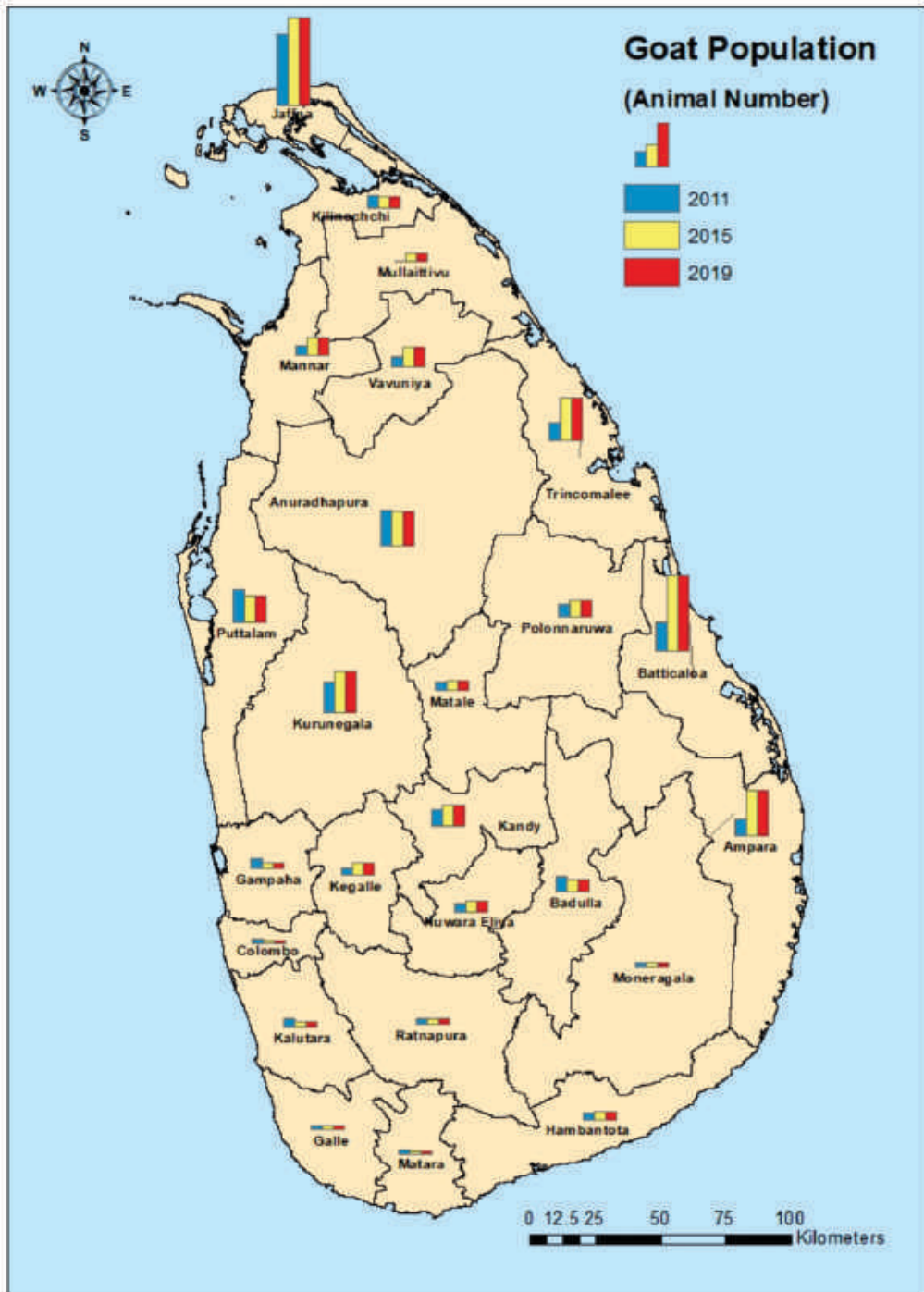
Cattle Population Trend in Sri Lanka



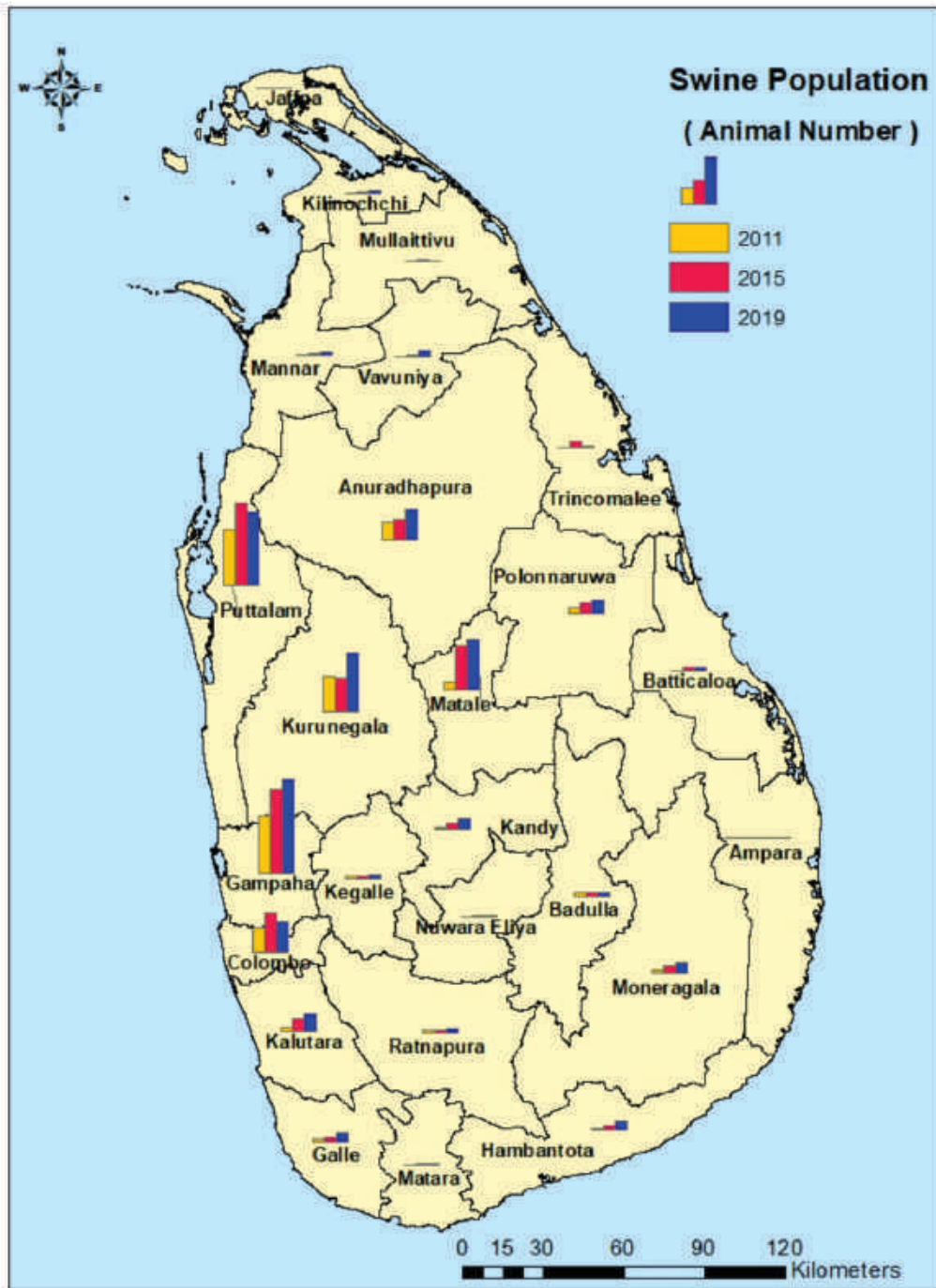
Buffalo Population Trend in Sri Lanka



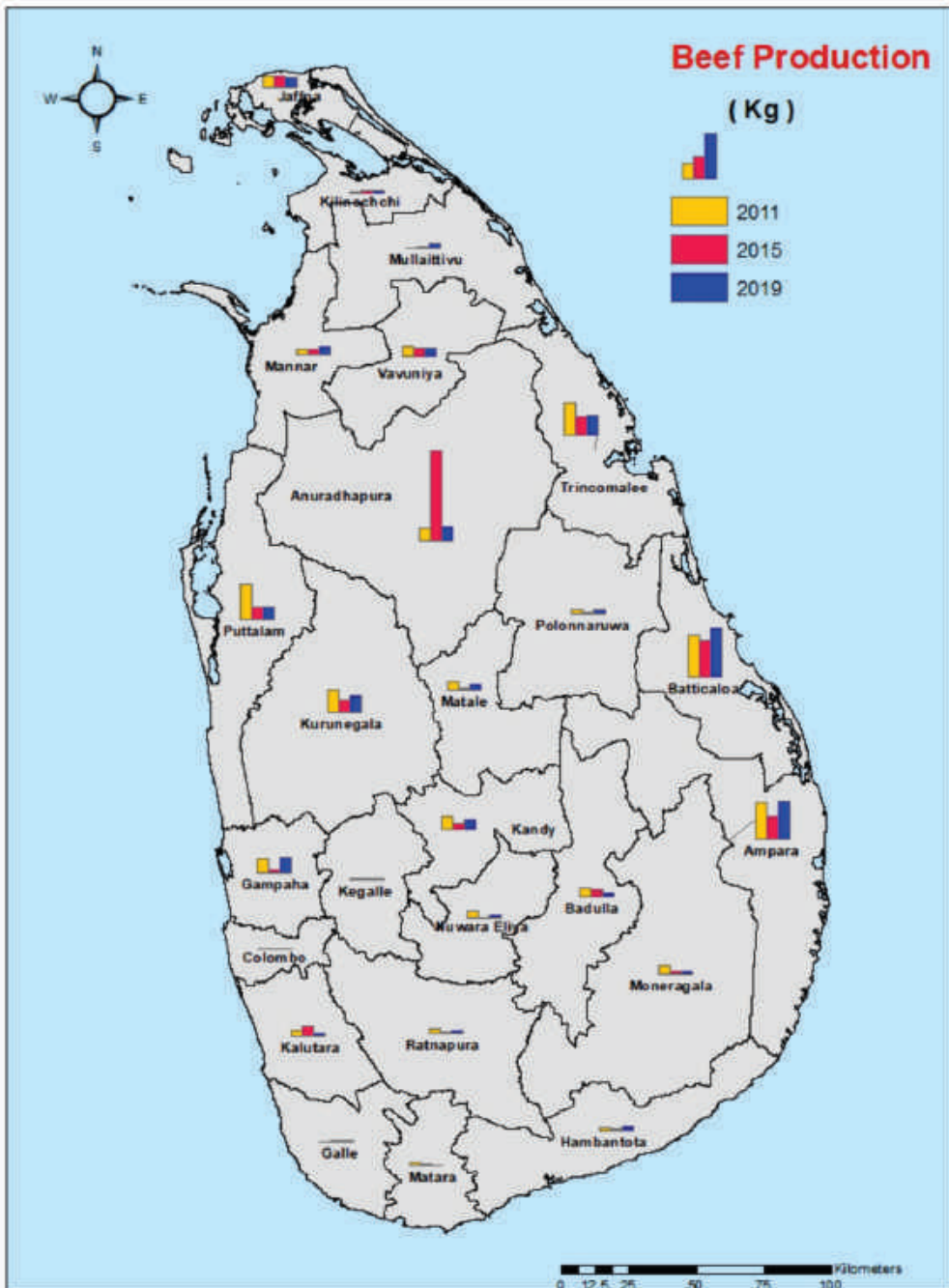
Goat Population Trend in Sri Lanka



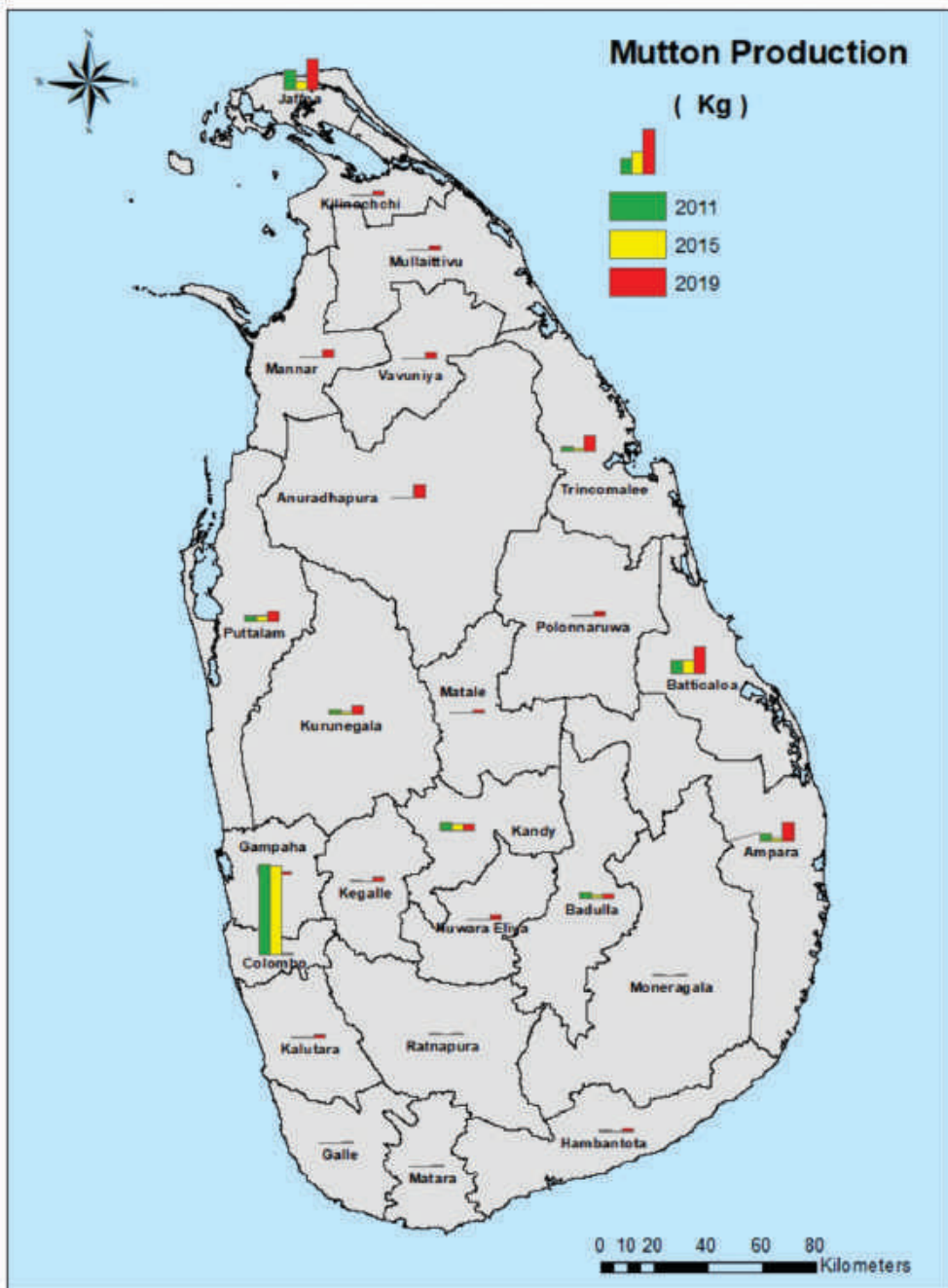
Swine Population Trend in Sri Lanka



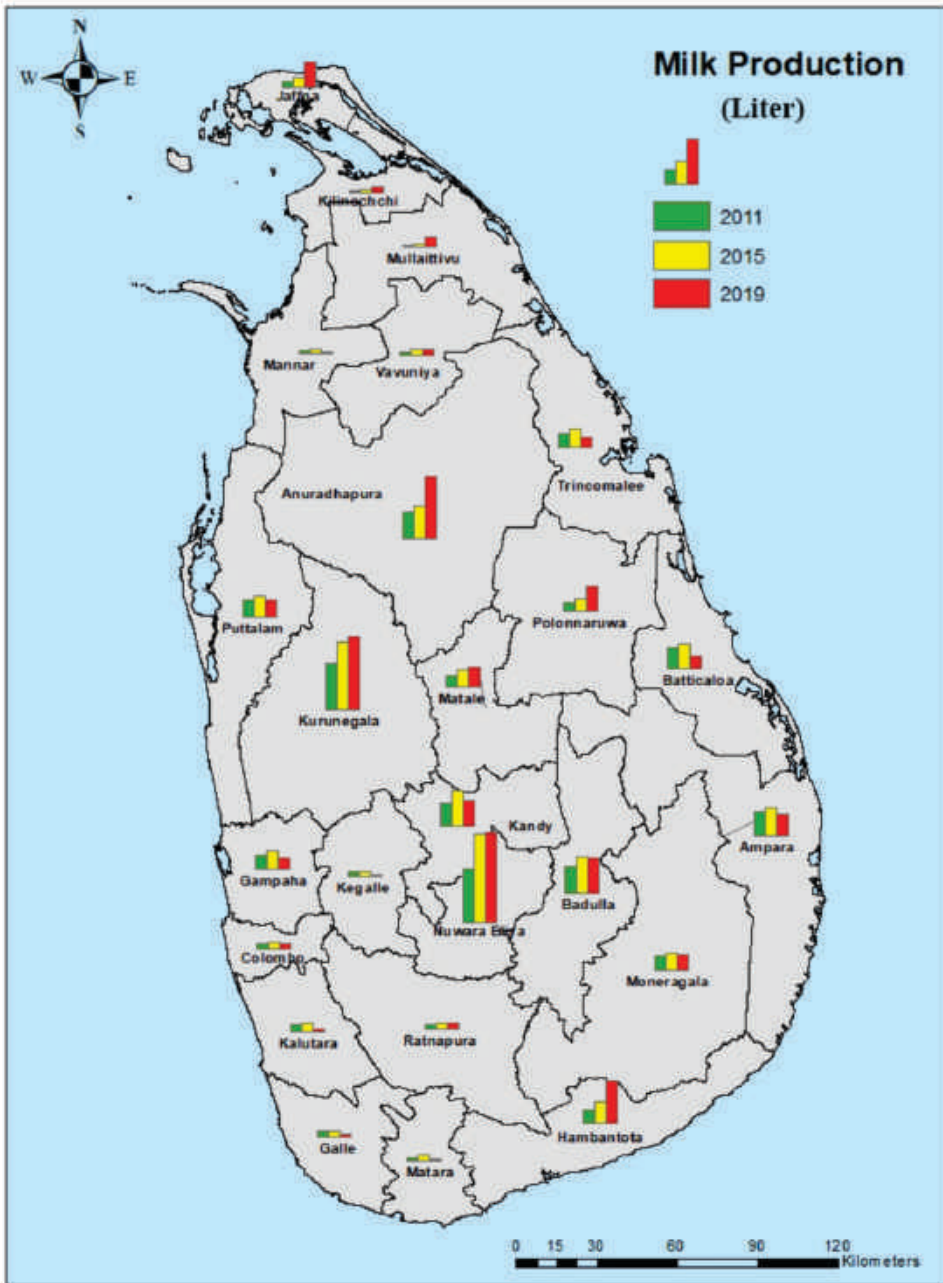
Beef Production Trend in Sri Lanka



Mutton Production Trend in Sri Lanka



Milk Production Trend in Sri Lanka



Chapter 1 - Livestock Farms

1.1 Number of Registered Livestock Farms - 2019

Province	Cattle	Buffalo	Goat	Sheep	Swine	Poultry	
						Commercial	Backyard
Western	13,163	1,661	2,830	15	503	3,114	25,635
Central	36,818	1,773	8,183	3	1,012	2,921	15,260
Southern	13,298	4,678	1,742	8	176	2,293	8,371
Northern	48,816	216	17,189	114	145	6,363	21,946
Eastern	62,238	11,435	18,097	150	41	4,191	30,331
North Western	54,277	1,461	4,346	183	4,534	7,874	14,469
North Central	40,076	2,369	2,829	8	410	569	22,725
Uva	31,845	947	2,242	-	82	2,286	6,946
Sabaragamuwa	6,649	798	3,079	2	72	2,488	5,776
Sri Lanka	307,180	25,338	60,537	483	6,975	32,099	151,459

1.2 Cattle Farm Management System Distribution - 2019

Province	District	Farms (%)		
		Intensive	Semi-Intensive	Extensive
Western	Colombo	30	65	5
	Gampaha	25	70	5
	Kalutara	10	78	12
	Western Province	28	61	11
Central	Kandy	38	53	9
	Matale	6	76	18
	Nuwara Eliya	65	27	8
	Central Province	36	47	17
Southern	Galle	7	71	22
	Matara	17	58	25
	Hambantota	13	47	40
	Southern Province	9	53	38
Northern	Jaffna	13	55	32
	Kilinochchi	12	43	45
	Mannar	5	23	72
	Vavuniya	8	26	66
	Mullativu	4	28	68
	Northern Province	9	47	44
Eastern	Batticaloa	7	16	77
	Ampara	10	36	54
	Trincomalee	8	19	73
	Eastern Province	7	25	68
North Western	Kurunegala	6	64	30
	Puttalam	6	57	37
	North Western Province	6	61	33
North Central	Anuradhapura	15	46	39
	Polonnaruwa	10	44	46
	North Central Province	12	53	35
Uva	Badulla	27	43	30
	Moneragala	4	49	47
	Uva Province	21	47	32
Sabaragamuwa	Rathnapura	11	62	27
	Kegalle	9	73	18
	Sabaragamuwa Province	12	68	20

Chapter 2. Livestock Population Distribution by Districts

2.1 Cattle Population - 2019

Province	District	Cows			Young Female Animals		Male Animals		Total Population
		Milking*	Not Milking**	Other Cows***	Heifers	Calves	Adults	Calves	
Western	Colombo	1,708	1,161	1,306	619	786	1,599	629	7,808
	Gampaha	7,143	6,970	4,597	3,189	3,794	4,075	3,035	32,803
	Kalutara	4,614	5,750	3,218	2,492	2,781	2,579	2,225	23,659
	Total(WP)	13,465	13,881	9,120	6,300	7,361	8,254	5,889	64,269
Central	Kandy	14,883	11,699	5,583	5,954	8,134	4,059	6,507	56,820
	Matale	12,517	9,624	4,376	5,360	6,458	4,399	5,166	47,900
	Nuwara Eliya	16,942	9,559	4,912	7,017	9,982	4,794	7,986	61,191
	Total (CP)	44,342	30,882	14,871	18,332	24,574	13,252	19,659	165,911
Southern	Galle	3,496	2,223	1,429	1,410	1,677	2,474	1,342	14,051
	Matara	3,187	1,532	649	1,418	1,430	2,130	1,144	11,492
	Hambantota	14,802	7,960	3,771	6,890	6,894	3,434	5,515	49,266
	Total(SP)	21,485	11,715	5,850	9,718	10,002	8,038	8,001	74,809
Northern	Jaffna	25,339	18,223	8,826	11,002	10,041	10,445	8,033	91,909
	Kilinochchi	6,685	10,282	4,384	3,821	3,451	5,222	2,761	36,606
	Mannar	11,303	15,709	9,318	6,432	5,880	2,766	4,704	56,113
	Vavunia	12,396	21,621	3,822	8,018	7,653	4,036	6,122	63,669
	Mullaitive	19,577	26,630	5,464	10,849	10,708	6,853	8,567	88,647
	Total(NP)	75,300	92,465	31,813	40,121	37,734	29,323	30,187	336,943
Eastern	Batticaloa	27,001	45,250	8,679	19,187	18,019	12,808	14,415	145,359
	Ampara	11,025	21,221	6,070	7,903	7,558	9,948	6,046	69,771
	Trincomalee	11,434	17,413	4,700	7,712	7,143	7,534	5,714	61,650
	Total (EP)	49,460	83,884	19,449	34,802	32,719	30,289	26,175	276,779
North Western	Kurunegala	41,554	38,460	19,483	17,108	19,113	15,455	15,291	166,464
	Puttalam	18,855	17,413	10,082	8,304	8,631	9,412	6,905	79,602
	Total (NWP)	60,408	55,873	29,565	25,412	27,745	24,867	22,196	246,066
North Central	Anuradhapura	33,478	25,969	6,993	13,674	17,224	7,663	13,779	118,781
	Polonnaruwa	15,498	20,421	8,311	9,159	10,551	7,757	8,441	80,137
	Total (NCP)	48,976	46,390	15,304	22,833	27,775	15,420	22,220	198,918
Uva	Badulla	17,225	13,334	6,000	7,083	10,505	8,236	8,404	70,788
	Monaragala	13,914	10,215	4,026	6,478	7,142	6,990	5,714	54,480
	Total (UP)	31,140	23,549	10,026	13,561	17,648	15,226	14,118	125,267
Sabaragamuwa	Ratnapura	3,991	2,598	1,411	1,853	1,967	979	1,574	14,373
	Kegalle	4,513	2,760	1,282	1,985	2,165	3,287	1,732	17,724
	Total (SGP)	8,504	5,358	2,692	3,839	4,132	4,266	3,306	32,097
Sri Lanka		353,079	363,996	138,690	174,919	189,690	148,934	151,752	1,521,060

* Milking at Present

** Not Milking(Dry) at Present

*** Other (Infertile/Aged) Cows

2.2 Cattle Breeds - 2019

Province	District	Animal Breed (%)		
		Indian and Crosses	European and Crosses	Local
Western	Colombo	34	60	6
	Gampaha	28	60	12
	Kalutara	45	35	20
	Western Province	38	44	18
Central	Kandy	11	84	5
	Matale	29	63	8
	Nuwara Eliya	2	96	2
	Central Province	13	85	2
Southern	Galle	50	40	10
	Matara	30	50	20
	Hambantota	60	22	18
	Southern Province	55	28	17
Northern	Jaffna	20	55	25
	Kilinochchi	15	25	60
	Mannar	20	15	65
	Vavuniya	40	10	50
	Mullativu	50	10	40
	Northern Province	34	21	45
Eastern	Batticaloa	14	5	81
	Ampara	33	15	52
	Trincomalee	25	12	63
	Eastern Province	21	9	70
North Western	Kurunegala	33	55	12
	Puttalam	40	32	28
	North Western Province	38	49	13
North Central	Anuradhapura	42	42	16
	Polonnaruwa	35	25	40
	North Central Province	43	38	19
Uva	Badulla	19	71	10
	Moneragala	45	25	30
	Uva Province	26	62	12
Sabaragamuwa	Rathnapura	35	44	21
	Kegalle	30	55	15
	Sabaragamuwa Province	29	53	18

2.3 Buffalo Population - 2019

Province	District	Cows			Young Female Animals		Male Animals		Total Population
		Milking*	Not Milking**	Other Cows***	Heifers	Calves	Adults	Calves	
Western	Colombo	1,085	1,042	888	973	823	682	652	6,146
	Gampaha	1,806	1,338	592	1,379	1,118	892	886	8,012
	Kalutara	3,351	2,083	1,610	2,883	2,248	1,797	1,781	15,753
	Total (WP)	6,242	4,463	3,091	5,235	4,189	3,371	3,319	29,910
Central	Kandy	618	1,164	949	760	710	633	563	5,396
	Matale	925	1,968	710	1,195	860	623	682	6,963
	Nuwara Eliya	129	325	195	130	94	195	75	1,143
	Total (CP)	1,671	3,457	1,854	2,086	1,664	1,451	1,319	13,501
Southern	Galle	1,737	1,921	716	1,605	1,085	1,690	860	9,613
	Matara	1,655	1,801	592	1,377	1,215	1,451	963	9,053
	Hambantota	19,155	11,525	3,822	8,127	8,193	5,641	6,490	62,952
	Total (SP)	22,546	15,247	5,130	11,109	10,493	8,782	8,312	81,619
Northern	Jaffna	-	-	-	-	-	-	-	-
	Kilinochchi	381	338	258	391	227	214	180	1,989
	Mannar	359	552	626	282	228	316	181	2,543
	Vavunia	944	526	1,046	632	480	386	381	4,394
	Mullaitive	1,338	1,125	804	1,048	734	633	582	6,264
	Total (NP)	3,021	2,541	2,733	2,353	1,671	1,548	1,323	15,191
Eastern	Batticaloa	9,364	8,170	3,322	6,540	5,450	4,189	4,318	41,352
	Ampara	10,323	8,795	4,304	5,410	5,070	4,950	4,017	42,869
	Trincomalee	12,293	9,074	4,316	8,250	6,190	4,808	4,904	49,835
	Total (EP)	31,980	26,039	11,942	20,200	16,711	13,946	13,238	134,056
North Western	Kurunegala	5,088	3,392	3,138	3,599	3,166	9,066	2,508	29,957
	Puttalam	1,114	3,020	1,520	985	727	1,474	758	9,598
	Total (NWP)	6,202	6,412	4,658	4,584	3,893	10,540	3,265	39,555
North Central	Anuradhapura	13,113	6,700	4,938	7,244	5,810	6,190	4,603	48,598
	Polonnaruwa	8,080	4,345	2,022	4,326	3,603	3,523	2,854	28,752
	Total (NCP)	21,193	11,045	6,961	11,570	9,413	9,713	7,457	77,351
Uva	Badulla	773	980	930	584	424	450	336	4,478
	Monaragala	14,303	14,473	5,320	8,063	7,167	6,080	5,677	61,082
	Total (UP)	15,076	15,453	6,250	8,647	7,591	6,530	6,014	65,560
Sabaragamuwa	Ratnapura	2,415	1,824	2,029	1,232	1,113	1,201	882	10,695
	Kegalle	602	1,492	1,220	443	348	375	276	4,755
	Total (SGP)	3,018	3,315	3,248	1,675	1,461	1,576	1,157	15,449
Sri Lanka		110,949	87,971	45,867	67,459	57,084	57,457	45,405	472,192

* Milking at Present

** Not Milking(Dry) at Present

*** Other (Infertile/Aged) Cows

2.4 Goat Population 2015 - 2019

Province	District	Population				
		2015	2016	2017	2018	2019
Western	Colombo	3,360	5,715	6,263	2,954	2,115
	Gampaha	11,250	13,133	10,765	8,420	6,198
	Kalutara	9,560	10,582	12,313	9,883	5,651
	Total (WP)	24,170	29,430	29,341	21,256	13,964
Central	Kandy	15,852	19,778	19,977	16,835	20,981
	Matale	7,385	7,961	8,133	9,442	10,501
	Nuwara Eliya	9,585	13,847	10,791	11,760	11,361
	Total (CP)	32,822	41,586	38,901	38,037	42,843
Southern	Galle	3,676	4,692	4,433	4,429	4,429
	Matara	3,434	3,718	3,150	3,847	2,343
	Hambantota	3,829	5,395	5,734	7,896	7,688
	Total (SP)	10,939	13,805	13,317	16,172	14,460
Northern	Jaffna	55,411	71,809	81,441	88,077	91,622
	Kilinochchi	8,213	8,466	9,356	11,526	11,720
	Mannar	10,325	15,007	15,913	17,460	19,038
	Vavunia	15,141	18,772	17,474	17,649	20,410
	Mullaitive	6,169	8,045	7,371	10,595	8,442
	Total (NP)	95,259	122,099	131,555	145,306	151,232
Eastern	Batticaloa	35,059	50,518	65,408	70,593	78,348
	Ampara	24,526	40,114	44,004	46,861	46,838
	Trincomalee	16,500	23,978	35,967	38,795	43,795
	Total (EP)	76,085	114,610	145,379	156,248	168,981
North Western	Kurunegala	26,280	36,486	37,376	38,571	42,766
	Puttalam	26,776	37,256	39,146	26,632	27,559
	Total (NWP)	53,056	73,742	76,522	65,203	70,325
North Central	Anuradhapura	24,278	28,694	30,584	34,020	35,319
	Polonnaruwa	9,925	9,707	11,703	13,142	17,860
	Total (NCP)	34,203	38,401	42,287	47,162	53,179
Uva	Badulla	12,400	13,428	12,587	12,025	12,642
	Monaragala	3,189	2,804	3,972	4,068	4,547
	Total (UP)	15,589	16,232	16,559	16,093	17,189
Sabaragamuwa	Ratnapura	7,328	8,542	7,180	5,954	5,954
	Kegalle	8,782	11,847	11,937	11,806	12,756
	Total (SGP)	16,110	20,389	19,117	17,761	18,710
Sri Lanka		358,233	470,294	512,978	523,238	550,883

2.5 Swine Population 2015 - 2019

Province	District	Population				
		2015	2016	2017	2018	2019
Western	Colombo	9,370	18,845	18,603	19,724	11,390
	Gampaha	26,450	26,685	41,050	44,828	35,134
	Kalutara	7,330	8,525	6,364	6,643	6,701
	Total(WP)	43,150	54,055	66,017	71,195	53,225
Central	Kandy	490	2,840	2,981	2,655	3,406
	Matale	3,150	7,732	17,341	22,109	18,800
	Nuwara Eliya	295	900	775	840	493
	Total (CP)	3,935	11,472	21,097	25,604	22,699
Southern	Galle	1,060	1,334	1,731	2,144	3,078
	Matara	210	174	356	430	564
	Hambantota	795	1,415	1,439	2,072	3,339
	Total(SP)	2,065	2,923	3,526	4,646	6,981
Northern	Jaffna	783	35	88	45	52
	Kilinochchi	140	445	522	549	1,048
	Mannar	245	312	350	385	847
	Vavunia	682	555	363	684	2,172
	Mullaitive	54	281	181	467	221
	Total(NP)	1,850	1,628	1,504	1,663	4,340
Eastern	Batticaloa	370	910	1,271	1,296	1,165
	Ampara	320	150	168	101	305
	Trincomalee	70	1,078	1,083	2,759	671
	Total (EP)	760	2,138	2,522	4,156	2,141
North Western	Kurunrgala	11,870	15,698	14,117	16,962	21,961
	Puttalam	23,422	21,904	23,951	39,753	27,267
	Total (NWP)	35,292	37,602	38,068	56,715	49,228
North Central	Anuradhapura	3,740	4,454	11,283	11,633	11,435
	Polonnaruwa	810	3,854	4,931	4,981	5,243
	Total (NCP)	4,550	8,308	16,214	16,614	16,678
Uva	Badulla	420	1,130	923	1,414	1,599
	Monaragala	670	3,076	2,622	4,357	3,785
	Total (UP)	1,090	4,206	3,545	5,771	5,384
Sabaragamuwa	Ratnapura	980	1,514	1,205	1,298	1,411
	Kegalle	940	1,034	1,210	1,428	1,480
	Total (SGP)	1,920	2,548	2,415	2,726	2,891
Sri Lanka		94,612	124,880	154,908	189,090	163,567

2.6 Annual Average Population of Poultry (2016 - 2019)

Category	Number (Mn)			
	2016	2017	2018	2019
Grand Parents and Parents				
Grand Parents (Broiler)	0.11	0.07	0.07	0.08
Broiler Parents	3.09	3.35	3.08	3.27
Layer Parents	0.22	0.25	0.19	0.18
Commercial Poultry				
Broiler	13.15	14.27	14.98	16.11
Layer	19.18	21.96	21.26	18.69
Backyard	0.96	1.10	1.06	0.93
Total	36.72	41.00	40.64	39.26

2.7 Poultry Breeder Population - 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
GP Parent (Female)												
Chicks & Growers	22,903	22,774	22,626	22,860	22,686	22,214	19,651	25,034	21,776	22,122	21,999	21,812
Layers	34,166	26,116	28,697	32,083	27,983	23,546	31,403	29,103	25,662	28,922	25,981	25,513
Layer Parent												
Chicks & Growers	47,892	42,783	37,306	16,022	19,804	18,274	17,156	21,406	50,940	51,683	48,044	40,356
Layers	82,633	89,894	77,861	91,111	84,229	80,005	85,279	82,845	86,231	88,262	83,771	92,084
Broiler Parent												
Chicks & Growers	689,206	671,739	612,513	722,644	667,699	695,266	615,268	622,326	588,076	683,381	588,001	572,350
Layers	973,759	995,802	1,019,779	982,833	974,138	939,242	989,521	1,023,289	1,010,062	1,070,512	997,282	1,095,755

Chapter 3. Meat, Egg and Day Old Chick Production

3.1 Chicken Meat ,Egg and Pork Production 2015 - 2019

Item	2015	2016	2017	2018	2019
Chicken Meat (000 MT)	164.45	182.69	200.98	214.20	224.01
Egg Production (Mn)	2,294.08	2,304.06	2,856.09	2,852.86	2,630.74
Pork Production (000 MT)	7.18	7.28	7.89	10.43	8.99

3.2 Meat Based Value Added Production 2015 - 2019

Item	2015	2016	2017	2018	2019
Chicken Sausages (MT)	8,588.83	8,801.32	9,941.70	9,631.06	7,882.25
Chicken Meat Balls (MT)	1,224.17	1,390.62	1,720.82	1,674.54	1,094.05
Other Further Processed Chicken (MT)	2,012.03	2,413.57	3,307.55	2,023.01	1,678.15
Total Chicken Meat Based Products (MT)	11,825.03	12,605.51	14,970.07	13,328.61	10,654.45
Pork Products (MT)	1,038.00	1,019.26	974.67	1,146.25	923.36
Beef Products (MT)	199.80	211.93	308.41	242.82	138.70
Mutton Products (MT)	50.57	63.40	95.90	68.14	73.99

3.3 Commercial Chick Production (2018 - 2019)

3.3.1 Broiler Chick Production (Million)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Forecast (2018)	11.21	10.98	10.69	10.63	10.49	10.62	11.08	11.32	11.65	11.53	11.31	11.95	133.46
Actual (2018)	12.44	12.21	13.71	11.76	12.79	14.05	14.34	14.65	12.09	13.62	13.29	12.05	157.00
Forecast (2019)	12.20	12.78	12.94	12.90	12.90	13.12	14.26	15.18	15.6	15.71	15.64	15.86	169.09
Actual (2019)	11.78	12.73	13.18	14.39	14.62	13.28	15.58	15.20	13.43	14.94	14.29	14.07	167.49

3.3.2 Layer Chick Production (Million)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Forecast (2018)	0.72	0.65	0.72	0.74	0.77	0.80	0.87	0.90	0.91	0.88	0.89	0.80	9.65
Actual (2018)	0.60	0.60	0.57	0.47	0.63	0.49	0.68	0.77	0.75	0.74	0.60	0.69	7.59
Forecast (2019)	0.44	0.37	0.34	0.40	0.53	0.53	0.57	0.61	0.65	0.66	0.66	0.68	6.44
Actual (2019)	0.71	0.62	0.67	0.60	0.73	0.63	0.70	0.72	0.65	0.69	0.68	0.69	8.09

3.4 Beef Production 2015 - 2019

Province	District	Production (kg)				
		2015	2016	2017	2018	2019 *
Western	Colombo	45,268	74,594	46,482	61,539	117,462
	Gampaha	346,560	1,763,369	1,530,812	1,311,828	1,985,161
	Kalutara	1,169,284	625,983	512,827	471,927	460,870
	Total (WP)	1,561,112	2,463,946	2,090,121	1,845,294	2,563,493
Central	Kandy	635,235	1,367,438	1,210,970	1,115,780	1,178,227
	Matale	321,544	795,557	702,952	977,843	718,636
	Nuwara Eliya	119,314	503,360	622,837	678,071	374,217
	Total (CP)	1,076,093	2,666,355	2,536,758	2,771,694	2,271,080
Southern	Galle	257,356	260,975	299,640	283,334	217,913
	Matara	185,231	258,115	178,383	374,529	100,547
	Hambantota	180,439	205,920	330,574	327,344	511,583
	Total (SP)	623,026	725,010	808,597	985,207	830,042
Northern	Jaffna	1,416,064	1,991,275	1,312,389	1,292,829	1,172,011
	Kilinochchi	391,774	490,490	622,528	541,482	414,180
	Mannar	653,208	637,622	686,195	995,485	966,215
	Vavunia	1,012,057	1,663,805	1,201,200	913,841	1,014,244
	Mullaitive	289,776	410,589	482,700	496,881	524,745
	Total (NP)	3,762,879	5,193,781	4,305,012	4,240,518	4,091,395
Eastern	Batticaloa	4,421,121	5,800,259	5,675,261	5,558,381	6,028,425
	Ampara	2,797,088	3,789,322	3,362,219	3,630,413	4,613,273
	Trincomalee	2,196,892	3,121,333	2,547,344	2,115,786	2,340,731
	Total (EP)	9,415,101	12,710,914	11,584,823	11,304,580	12,982,430
North Western	Kurunegala	1,573,588	2,398,468	2,375,500	2,258,541	2,159,930
	Puttalam	1,489,162	1,772,842	1,992,162	1,433,112	1,499,794
	Total (NWP)	3,062,750	4,171,310	4,367,662	3,691,653	3,659,723
North Central	Anuradhapura	11,010,137	1,552,980	1,719,627	1,614,368	1,560,853
	Polonnaruwa	163,717	338,374	782,379	471,461	532,862
	Total (NCP)	11,173,854	1,891,354	2,502,006	2,085,829	2,093,715
Uva	Badulla	846,829	936,114	626,815	715,467	548,255
	Monaragala	364,890	327,470	418,353	372,168	362,334
	Total (UP)	1,211,719	1,263,584	1,045,168	1,087,635	910,589
Sabaragamuwa	Ratnapura	225,036	345,524	378,589	230,282	349,720
	Kegalle	69,172	623,659	169,007	177,364	115,355
	Total (SGP)	294,208	969,183	547,596	407,646	465,075
Sri Lanka		32,180,742	32,055,437	29,787,742	28,420,057	29,867,542
Sri Lanka(000 MT)		32.18	32.06	29.79	28.42	29.87

* Model updated

3.5 Mutton Production 2015 - 2019

Province	District	Production (kg)				
		2015	2016	2017	2018	2019 *
Western	Colombo	848,209	652,441	547,004	504,184	10,634
	Gampaha	9,465	15,258	34,209	32,156	30,311
	Kalutara	3,422	6,245	20,635	19,397	35,578
	Total (WP)	861,096	673,944	601,848	555,737	76,522
Central	Kandy	60,462	66,895	62,786	59,019	60,606
	Matale	4,985	12,584	19,950	18,753	33,992
	Nuwara Eliya	9,299	8,954	39,774	37,388	42,334
	Total (CP)	74,746	88,433	122,511	115,160	136,933
Southern	Galle	5,880	8,475	15,565	14,631	15,944
	Matara	5,197	6,524	11,599	10,903	13,849
	Hambantota	4,590	7,841	10,520	9,889	28,426
	Total (SP)	15,667	22,840	37,684	35,423	58,219
Northern	Jaffna	88,829	112,658	205,392	193,068	303,422
	Kilinochchi	659	3,487	17,854	16,783	41,493
	Mannar	645	3,235	29,264	27,508	62,856
	Vavunia	3,876	11,871	37,151	34,922	63,535
	Mullaitive	7,238	9,621	15,688	14,746	38,140
	Total (NP)	101,247	140,872	305,349	287,027	509,446
Eastern	Batticaloa	117,139	137,845	179,689	168,907	254,134
	Ampara	28,883	48,847	112,542	105,790	168,700
	Trincomalee	22,290	49,987	46,757	43,952	139,660
	Total (EP)	168,312	236,679	338,988	318,649	562,494
North Western	Kurunegala	22,381	62,698	73,878	69,445	78,856
	Puttalam	59,202	81,548	107,145	100,716	95,875
	Total (NWP)	81,583	144,246	181,022	170,161	174,731
North Central	Anuradhapura	919	15,284	55,953	52,596	122,472
	Polonnaruwa	3,908	7,128	18,929	17,793	47,309
	Total (NCP)	4,827	22,412	74,882	70,389	169,781
Uva	Badulla	32,889	31,487	40,400	37,976	43,291
	Monaragala	2,725	8,658	5,468	5,140	14,644
	Total (UP)	35,614	40,145	45,868	43,116	57,935
Sabaragamuwa	Ratnapura	8,370	6,984	17,554	16,501	21,435
	Kegalle	1,996	21,457	23,102	21,716	42,502
	Total (SGP)	10,366	28,441	40,656	38,217	63,938
Sri Lanka		1,353,458	1,398,012	1,748,807	1,633,879	1,809,999
Sri Lanka(000 MT)		1.35	1.40	1.74	1.63	1.81

* Model updated

Chapter 4. Milk Production and Collection

4.1 Cow Milk Production 2015 - 2019

Province	District	Production (L)				
		2015	2016	2017	2018	2019
Western	Colombo	4,510,486	5,412,583	3,449,387	2,100,753	2,998,364
	Gampaha	11,045,493	12,150,042	11,087,296	8,111,648	8,062,192
	Kalutara	5,472,321	6,566,785	6,914,672	4,199,247	1,630,505
	Total (WP)	21,028,300	24,129,410	21,451,355	14,411,648	12,691,061
Central	Kandy	27,409,412	28,094,647	23,505,980	20,420,804	20,129,379
	Matale	13,132,840	14,703,021	15,820,732	18,510,228	15,340,141
	Nuwara Eliya	71,600,199	78,760,219	70,890,260	64,962,468	71,762,096
	Total (CP)	112,142,451	121,557,887	110,216,972	103,893,500	107,231,615
Southern	Galle	3,626,793	4,352,152	4,623,770	2,520,256	1,336,089
	Matara	2,295,555	2,754,666	6,817,565	2,750,473	1,138,288
	Hambantota	6,999,112	18,197,691	25,736,748	23,099,271	20,725,364
	Total (SP)	12,921,460	25,304,509	37,178,083	28,370,000	23,199,741
Northern	Jaffna	7,759,389	9,311,267	13,076,780	20,021,453	20,684,547
	Kilinochchi	2,883,001	4,324,502	6,625,171	6,818,547	4,275,279
	Mannar	3,471,000	3,881,056	2,863,204	2,860,466	1,448,486
	Vavunya	4,300,991	6,451,487	10,173,483	10,890,112	5,030,698
	Mullaitive	2,683,099	4,324,715	10,019,848	6,983,134	7,417,595
	Total (NP)	21,097,480	28,293,027	42,758,486	47,573,712	38,856,605
Eastern	Batticaloa	12,898,302	13,367,853	12,946,555	19,038,660	7,648,400
	Ampara	15,023,421	15,435,930	19,587,924	17,601,567	9,742,591
	Trincomalee	9,920,328	10,912,361	8,206,213	13,201,567	5,103,268
	Total (EP)	37,842,051	39,716,144	40,740,692	49,841,794	22,494,260
North Western	Kurunegala	42,912,429	46,846,129	50,883,880	60,902,314	53,212,736
	Puttalam	13,142,682	14,377,975	16,781,072	14,205,216	11,996,003
	Total (NWP)	56,055,111	61,224,104	67,664,952	75,107,530	65,208,739
North Central	Anuradhapura	17,412,220	19,153,442	28,908,235	33,807,875	35,375,860
	Polonnaruwa	6,296,078	7,555,294	11,528,751	12,028,325	13,607,504
	Total (NCP)	23,708,298	26,708,736	40,436,986	45,836,200	48,983,364
Uva	Badulla	27,500,989	30,122,720	23,998,977	33,863,572	27,988,775
	Monaragala	12,252,099	13,477,309	11,342,684	8,779,928	6,396,017
	Total (UP)	39,753,088	43,600,029	35,341,661	42,643,500	34,384,792
Sabaragamuwa	Ratnapura	3,650,268	3,886,332	4,508,206	3,409,808	2,857,316
	Kegalle	2,999,090	3,552,819	4,302,608	3,661,232	682,625
	Total (SGP)	6,649,358	7,439,151	8,810,814	7,071,040	3,539,941
Sri Lanka (L)		331,197,597	377,972,997	404,600,001	414,748,924	356,590,117

4.2 Buffalo Milk Production 2015 - 2019

Province	District	Production (L)				
		2015	2016	2017	2018	2019
Western	Colombo	1,204,529	1,353,145	1,370,443	1,000,021	1,285,013
	Gampaha	4,165,426	3,037,510	1,245,435	1,971,912	1,246,269
	Kalutara	1,573,623	2,188,928	3,845,038	2,599,979	1,087,003
	Total (WP)	6,943,578	6,579,583	6,460,916	5,571,912	3,618,286
Central	Kandy	179,153	187,297	255,180	73,218	207,206
	Matale	291,974	294,060	498,847	489,959	807,376
	Nuwara Eliya	99,089	80,056	76,736	37,323	73,836
	Total (CP)	570,216	561,413	830,763	600,500	1,088,418
Southern	Galle	1,757,183	1,450,717	1,804,029	2,333,647	1,093,164
	Matara	3,192,911	3,489,242	2,004,029	3,041,744	758,858
	Hambantota	9,977,272	7,145,235	8,366,093	16,704,789	13,816,909
	Total (SP)	14,927,366	12,085,194	12,174,151	22,080,180	15,668,931
Northern	Jaffna	-	-	-	-	-
	Kilinochchi	66,349	108,112	287,147	156,324	475,031
	Mannar	58,143	64,684	62,048	54,468	104,751
	Vavunyia	51,079	92,164	423,300	9,010,112	264,774
	Mullaitive	273,893	412,517	612,333	563,891	938,736
	Total (NP)	449,464	677,477	1,384,828	9,784,795	1,783,292
Eastern	Batticaloa	7,192,797	6,683,626	3,006,043	3,009,665	2,502,985
	Ampara	7,009,823	8,124,173	8,718,130	8,100,263	6,495,061
	Trincomalee	4,000,889	9,456,180	9,454,873	5,900,735	1,899,947
	Total (EP)	18,203,509	24,263,979	21,179,046	17,010,663	10,897,992
North Western	Kurunegala	10,942,332	11,711,532	14,509,231	5,848,963	4,801,107
	Puttalam	3,562,823	3,594,493	1,160,622	763,478	1,444,000
	Total (NWP)	14,505,155	15,306,025	15,669,853	6,612,441	6,245,108
NorthCentral	Anuradhapura	7,915,319	7,661,377	7,830,858	9,324,958	13,458,620
	Polonnaruwa	4,283,529	5,036,863	5,353,690	4,691,352	6,761,479
	Total (NCP)	12,198,848	12,698,240	13,184,548	14,016,310	20,220,099
Uva	Badulla	1,609,223	1,434,415	130,673	131,258	443,193
	Monaragala	1,591,022	1,925,329	6,617,871	4,162,147	5,594,931
	Total (UP)	3,200,245	3,359,744	6,748,544	4,293,405	6,038,124
Sabaragamuwa	Ratnapura	943,213	1,024,942	311,799	101,680	1,904,878
	Kegalle	91,169	98,547	144,188	31,982	75,847
	Total (SGP)	1,034,382	1,123,489	455,987	133,662	1,980,725
Sri Lanka (L)		72,032,763	76,655,144	78,088,636	80,103,868	67,540,974

4.3 Total Milk Production 2015 - 2019

Province	District	Production (L)				
		2015	2016	2017	2018	2019
Western	Colombo	5,715,015	6,765,728	4,819,830	3,100,774	4,283,377
	Gampaha	15,210,919	15,187,552	12,332,731	10,083,560	9,308,461
	Kalutara	7,045,944	8,755,713	10,759,710	6,799,226	2,717,509
	Total (WP)	27,971,878	30,708,993	27,912,271	19,983,560	16,309,347
Central	Kandy	27,588,565	28,281,944	23,761,160	20,494,022	20,336,585
	Matale	13,424,814	14,997,081	16,319,579	19,000,187	16,147,517
	Nuwara Eliya	71,699,288	78,840,275	70,966,996	64,999,791	71,835,932
	Total (CP)	112,712,667	122,119,300	111,047,735	104,494,000	108,320,034
Southern	Galle	5,383,976	5,802,869	6,427,799	3,853,903	2,429,253
	Matara	5,488,466	6,243,908	8,821,594	4,792,217	1,897,146
	Hambantota	16,976,384	25,342,926	34,102,841	41,804,060	34,542,273
	Total (SP)	27,848,826	37,389,703	49,352,234	50,450,180	38,868,672
Northern	Jaffna	7,759,389	9,311,267	13,076,780	20,021,453	20,684,547
	Kilinochchi	2,949,350	4,432,614	6,912,318	6,974,871	4,750,310
	Mannar	3,529,143	3,945,740	2,925,252	2,914,934	1,553,237
	Vavunya	4,352,070	6,543,651	10,596,783	19,900,224	5,295,472
	Mullaitive	2,956,992	4,737,232	10,632,181	7,547,025	8,356,331
	Total (NP)	21,546,944	28,970,504	44,143,314	57,358,507	40,639,896
Eastern	Batticaloa	20,091,099	20,051,479	15,952,598	22,048,325	10,151,385
	Ampara	22,033,244	23,560,103	28,306,054	25,701,830	16,237,652
	Trincomalee	13,921,217	20,368,541	17,661,086	19,102,302	7,003,215
	Total (EP)	56,045,560	63,980,123	61,919,738	66,852,457	33,392,252
North Western	Kurunegala	53,854,761	58,557,661	65,393,111	66,751,277	58,013,843
	Puttalam	16,705,505	17,972,468	17,941,694	14,968,694	13,440,003
	Total (NWP)	70,560,266	76,530,129	83,334,805	81,719,971	71,453,847
North Central	Anuradhapura	25,327,539	26,814,819	36,739,093	43,132,833	48,834,480
	Polonnaruwa	10,579,607	12,592,157	16,882,441	16,719,677	20,368,983
	Total (NCP)	35,907,146	39,406,976	53,621,534	59,852,510	69,203,463
Uva	Badulla	29,110,212	31,557,135	24,129,650	33,994,830	28,431,968
	Monaragala	13,843,121	15,402,638	17,960,555	12,942,075	11,990,948
	Total (UP)	42,953,333	46,959,773	42,090,205	46,936,905	40,422,916
Sabaragamuwa	Ratnapura	4,593,481	4,911,274	4,820,005	3,511,488	4,762,194
	Kegalle	3,090,259	3,651,366	4,446,796	3,693,214	758,472
	Total (SGP)	7,683,740	8,562,640	9,266,801	7,204,702	5,520,666
Sri Lanka (L)		403,230,360	454,628,141	482,688,637	494,852,792	424,131,092

4.4 Average Milk Production - 2019

Province	District	Average milk production * (l/day/cow)
Western	Colombo	4.8
	Gampaha	3.1
	Kalutara	1.0
	Western Province	2.6
Central	Kandy	3.6
	Matale	3.3
	Nuwara Eliya	11.5
	Central Province	6.4
Southern	Galle	1.0
	Matara	1.0
	Hambantota	3.8
	Southern Province	3.0
Northern	Jaffna	2.2
	Kilinochchi	1.8
	Mannar	0.4
	Vavuniya	1.1
	Mullativu	1.1
	Northern Province	1.4
Eastern	Batticaloa	0.8
	Ampara	2.1
	Trincomalee	0.8
	Eastern Province	1.1
North Western	Kurunegala	3.4
	Puttalam	1.8
	North Western Province	2.9
North Central	Anuradhapura	2.9
	Polonnaruwa	2.4
	North Central Province	2.7
Uva	Badulla	4.3
	Moneragala	1.2
	Uva Province	3.0
Sabaragamuwa	Rathnapura	2.0
	Kegalle	0.4
	Sabaragamuwa Province	1.3
	Sri Lanka	2.8

* Note : Estimations based on milking at present cow (Cattle & Buffalo) Population

4.5 Milk Collection and Chilling Capacity in Main Collecting Agencies - 2019

Province	District	No of Chilling Centres	Chilling Capacity (L)	Milk Collection (L)
Western	Colombo	3	82,900	1,382,609
	Gampaha	9	22,800	4,767,725
	Kalutara	6	6,950	1,461,951
	Sub Total	18	112,650	7,612,285
Central	Kandy	20	51,660	11,669,940
	Matale	11	40,520	10,424,347
	Nuwara-Eliya	36	136,240	51,903,237
	Sub Total	67	228,420	73,997,524
Southern	Galle	2	6,300	871,251
	Hambantota	3	12,930	12,388,580
	Matara	2	9,230	734,844
	Sub Total	7	28,460	13,994,675
Northern	Jaffna	30	20,400	7,418,509
	Kilinochchi	4	12,700	2,385,177
	Mannar	3	13,500	891,309
	Mullaitivu	3	10,500	2,468,986
	Vavuniya	6	16,500	4,195,795
	Sub Total	46	73,600	17,359,776
Eastern	Ampara	15	37,120	6,988,357
	Batticaloa	19	40,840	3,590,780
	Trincomalee	6	19,860	1,722,903
	Sub Total	40	97,820	12,302,040
North Central	Anuradhapura	39	116,900	34,550,668
	Polonnaruwa	19	35,200	12,125,016
	Sub Total	58	152,100	46,675,684
North Western	Kurunegala	40	158,250	40,533,867
	Puttlam	11	41,550	8,804,138
	Sub Total	51	199,800	49,338,005
Uva	Badulla	13	37,020	15,431,932
	Moneragala	9	18,160	4,658,227
	Sub Total	22	55,180	20,090,159
Sabaragamuwa	Kegalle	2	3,600	326,431
	Rathnapura	4	13,500	1,707,960
	Sub Total	6	17,100	2,034,391
Sri Lanka		315	965,130	243,404,539

Source: Milk Collecting Agencies (Modified DAPH -LPE)

4.6 Milk Collection by Quarters in - 2019

Period	* Main Collectors (L)	Others (L)	Total	Collection %
1st Quarter	24,276,781	30,263,690	54,540,471	22.41
2nd Quarter	28,923,115	34,125,525	63,048,640	25.90
3rd Quarter	31,274,110	40,351,074	71,625,184	29.43
4th Quarter	23,607,308	30,582,936	54,190,244	22.26
Total	108,081,251	135,323,288	243,404,539	100

Source: Milk Collection Figures From Collecting Agencies (Modified DAPH -LPE)

* Main Collectors - Milco and Cargills

Chapter 5. Imports and Exports (2015 - 2019)

5.1 Import of Milk and Milk Products

Item		2015	2016	2017	2018	2019
Milk and Milk Cream	Quantity (MT)	292.93	431.26	490.40	557.63	411.32
	Value(Rs.Mn)	116.15	169.18	239.05	272.34	197.49
Milk Cream Fat<1.5%	Quantity (MT)	9,271.19	9,436.67	8,578.07	11,799.32	8,314.04
	Value(Rs.Mn)	3,362.77	2,790.99	3,031.79	3,947.89	3,570.57
Milk Cream Fat>1.5%	Quantity (MT)	72,487.82	84,578.45	84,548.91	87,228.39	85,434.94
	Value(Rs.Mn)	28,479.04	30,846.64	41,849.59	46,342.45	48,789.12
Condensed Milk	Quantity (MT)	49.71	76.47	125.55	31.24	22.73
	Value(Rs.Mn)	8.57	10.42	12.74	5.09	3.96
Cheese and Curd	Quantity (MT)	2,361.30	2,521.83	2,866.04	3,274.64	2,663.91
	Value(Rs.Mn)	1,626.19	1,755.19	2,168.59	2,572.97	2,263.27
Butter and Other Fats	Quantity (MT)	544.97	996.19	683.39	619.09	583.18
	Value(Rs.Mn)	287.84	561.30	572.39	632.92	556.06
Butter Milk and Curdled Milk	Quantity (MT)	25.78	28.09	66.96	72.36	38.50
	Value(Rs.Mn)	9.87	7.49	24.07	31.72	25.80
Whey and Whey Powder	Quantity (MT)	1,293.78	1,524.00	1,504.56	1,279.21	1,369.15
	Value(Rs.Mn)	197.42	197.00	247.20	196.97	240.35
Total Milk and Milk Products	Quantity (MT)	86,327.48	99,593.43	98,863.89	104,861.88	98,837.76
	Value(Rs.Mn)	34,087.85	36,338.23	48,145.44	54,002.35	55,646.63

Source: Sri Lanka Customs

5.2 Import of Milk and Milk Products in LME

Item	Unit	2015	2016	2017	2018	2019
Milk and Milk Cream	Qty.(000 L)	2,109.10	3,105.07	3,530.88	4,014.94	2,961.50
	Val.(Rs.Mn)	116.15	169.18	239.05	272.34	197.49
Milk Cream Fat<1.5%	Qty.(000 L)	66,752.57	67,944.02	61,762.10	84,955.10	59,861.05
	Val.(Rs.Mn)	3,362.77	2,790.99	3,031.79	3,947.89	3,570.57
Milk Cream Fat>1.5%	Qty.(000 L)	521,912.30	608,964.84	608,752.15	628,044.41	615,131.53
	Val.(Rs.Mn)	28,479.04	30,846.64	41,849.59	46,342.45	48,789.12
Condensed Milk	Qty.(000 L)	248.55	382.35	627.75	156.20	113.65
	Val.(Rs.Mn)	8.57	10.42	12.74	5.09	3.97
Cheese and Curd	Qty.(000 L)	27,154.95	29,001.05	32,959.46	37,658.36	30,634.95
	Val.(Rs.Mn)	1,626.19	1,755.19	2,168.59	2,572.97	2,263.27
Butter and Other Fats	Qty.(000 L)	3,923.78	7,172.57	4,920.41	4,457.45	4,198.91
	Val.(Rs.Mn)	287.84	561.30	572.39	632.92	556.06
Butter Milk and Curdled Milk	Qty.(000 L)	185.62	202.25	482.11	520.99	277.18
	Val.(Rs.Mn)	9.87	7.49	24.07	31.72	25.80
Whey and Whey Powder	Qty.(000 L)	9,315.22	10,972.80	10,832.83	9,210.31	9,857.87
	Val.(Rs.Mn)	197.42	197.00	247.20	196.97	240.35
Total Milk and Milk Products	Qty.(000 L)	631,602.08	727,744.95	723,867.70	769,017.76	723,036.65
	Val.(Rs.Mn)	34,087.85	36,338.21	48,145.42	54,002.35	55,646.63

Source: Sri Lanka Customs (Modified : DAPH -LPE division)

5.3 Average Prices of Whole Milk Powder in International Market

Month	Price (US\$/MT)				
	2015	2016	2017	2018	2019
January	2,725	2,188	3,288	3,038	3,132
February	2,894	2,188	3,256	3,169	3,288
March	3,100	2,100	3,081	3,213	3,280
1st Quarter	2,906	2,159	3,208	3,140	3,233
April	2,856	2,054	2,933	3,281	3,338
May	2,775	2,094	3,150	3,319	3,363
June	2,619	2,306	3,444	3,381	3,375
2nd Quarter	2,750	2,151	3,176	3,327	3,359
July	2,400	2,406	3,494	3,313	3,231
August	2,106	2,594	3,756	3,308	3,194
September	2,125	2,775	3,783	3,388	3,250
3rd Quarter	2,210	2,592	3,678	3,336	3,225
October	2,383	2,962	3,438	3,200	3,306
November	2,469	3,125	3,188	3,112	3,363
December	2,325	3,268	3,031	3,088	3,406
4th Quarter	2,392	3,118	3,219	3,133	3,358
Annual Average	2,565	2,505	3,320	3,234	3,294
Minimum	1,850	2,054	2,933	3,038	3,132
Maximum	3,400	3,268	3,783	3,388	3,406

Source : <http://future.aae.wisc.edu/> (Modified in DAPH-LPE Division)

5.4 Export of Milk and Milk Products

Item	Unit	2015	2016	2017	2018	2019
Milk and Milk Cream	Quantity (MT)	7.78	4.47	9.25	2.75	4.37
	Val.(Rs.Mn)	7.48	3.42	4.89	2.56	3.63
Milk Cream Fat<1.5%	Quantity (MT)	3.87	14.17	74.04	90.71	84.09
	Val.(Rs.Mn)	1.56	15.92	109.62	139.62	123.55
Milk Cream Fat>1.5%	Quantity (MT)	25.05	49.60	56.49	45.10	90.34
	Val.(Rs.Mn)	18.52	56.30	40.67	47.94	70.04
Condensed Milk	Quantity (MT)	622.01	668.57	757.54	795.31	1,023.56
	Val.(Rs.Mn)	188.63	162.95	184.04	197.30	263.09
Cheese and Curd	Quantity (MT)	9.95	7.87	18.18	56.42	36.11
	Val.(Rs.Mn)	5.22	5.04	10.13	33.73	15.58
Butter and Other Fats	Quantity (MT)	3.36	9.45	22.91	20.76	17.08
	Val.(Rs.Mn)	7.75	12.71	18.91	12.05	16.16
Butter Milk and Curdled Milk	Quantity (MT)	45.29	83.67	108.57	77.91	108.94
	Val.(Rs.Mn)	15.58	32.96	36.49	26.62	49.67
Whey and Whey Powder	Quantity (MT)	1.45	1.79	1.43	0.38	2.21
	Val.(Rs.Mn)	0.09	0.83	0.29	0.20	1.34
Total Milk and Milk Products	Quantity (MT)	718.76	839.59	1,048.41	1,089.34	1,366.71
	Val.(Rs.Mn)	244.83	290.13	405.04	460.02	543.05

Source: Sri Lanka Customs

5.5 Export of Milk and Milk Products in LME

Item	Unit	2015	2016	2017	2018	2019
Milk and Milk Cream	Qty.(000 L)	56.02	32.18	66.60	19.80	31.49
	Val.(Rs.Mn)	7.48	3.42	4.89	2.56	3.63
Milk Cream Fat<1.5%	Qty.(000 L)	27.86	102.02	533.09	653.11	605.43
	Val.(Rs.Mn)	1.56	15.92	109.62	139.62	123.55
Milk Cream Fat>1.5%	Qty.(000 L)	180.36	357.12	406.73	324.72	650.47
	Val.(Rs.Mn)	18.52	56.30	40.67	47.94	70.04
Condensed Milk	Qty.(000 L)	3,110.05	3,342.85	3,787.70	3,976.55	5,117.81
	Val.(Rs.Mn)	188.63	162.95	184.04	197.30	263.09
Cheese and Curd	Qty.(000 L)	114.43	90.51	209.07	648.83	415.31
	Val.(Rs.Mn)	5.22	5.04	10.13	33.73	15.58
Butter and Other Fats	Qty.(000 L)	24.19	68.04	164.95	149.47	122.98
	Val.(Rs.Mn)	7.75	12.71	18.91	12.05	16.16
Butter Milk and Curdled Milk	Qty.(000 L)	326.09	602.42	781.70	560.95	784.40
	Val.(Rs.Mn)	15.58	32.96	36.49	26.62	49.67
Whey and Whey Powder	Qty.(000 L)	10.44	12.89	10.30	2.74	15.90
	Val.(Rs.Mn)	0.09	0.83	0.29	0.20	1.34
Total Milk and Milk Products	Qty.(000 L)	3,849.44	4,608.04	5,960.14	6,336.17	7,743.79
	Val.(Rs.Mn)	244.83	290.13	405.04	460.02	543.05

Source: Sri Lanka Customs (Modified : DAPH -LPE division)

5.6 Import of Meat and Meat Products

Item	Unit	2015	2016	2017	2018	2019
Meat of Bovines	Qty.(MT)	49.43	85.08	146.97	137.08	116.77
	Val.(Rs.Mn)	39.55	91.78	140.23	173.56	109.32
Meat of Sheep and Goats	Qty.(MT)	502.71	485.16	949.29	853.95	1,214.09
	Val.(Rs.Mn)	218.89	213.71	474.35	459.70	588.53
Poultry Meat	Qty.(MT)	591.58	252.59	271.52	277.16	195.85
	Val.(Rs.Mn)	129.40	99.56	117.68	91.64	61.63
Meat of Swine	Qty.(MT)	0.04	0.58	0.59	116.83	143.58
	Val.(Rs.Mn)	0.12	0.39	0.54	71.89	102.97
Other Meat and Edible Offals	Qty.(MT)	48.89	95.82	69.99	2.06	3.85
	Val.(Rs.Mn)	20.62	43.96	37.45	0.41	1.81
Preserved Meat and Pig Fat, Poultry Fat etc.	Qty.(MT)	0.40	0.34	48.94	1.17	0.39
	Val.(Rs.Mn)	0.17	0.19	30.57	0.86	0.24
Total Meat and Meat Products	Qty.(MT)	1,193.05	919.57	1,487.30	1,388.25	1,674.53
	Val.(Rs.Mn)	408.75	449.59	800.82	798.06	864.50

Source: Sri Lanka Customs

5.7 Export of Meat and Meat Products

Item	Unit	2015	2016	2017	2018	2019
Meat of Bovines	Qty.(MT)	72.63	67.10	61.36	53.85	59.36
	Val.(Rs.Mn)	89.75	75.59	73.13	68.26	72.34
Meat of Sheep and Goats	Qty.(MT)	n.a	0.01	0.06	0.15	0.06
	Val.(Rs.Mn)	n.a	0.08	0.09	0.64	0.21
Poultry Meat	Qty.(MT)	1,080.32	1,473.00	1,995.82	3,727.89	3,664.18
	Val.(Rs.Mn)	96.19	91.29	125.45	270.47	463.02
Meat of Swine	Qty.(MT)	8.42	7.31	3.29	6.62	14.58
	Val.(Rs.Mn)	12.81	10.31	3.52	5.12	13.54
Other Meat and Edible Offals	Qty.(MT)	n.a	7.74	4.08	4.73	2.80
	Val.(Rs.Mn)	n.a	6.15	3.27	4.27	2.95
Preserved Meat and Pig Fat, Poultry Fat etc.	Qty.(MT)	8.62	11.67	17.12	16.33	17.42
	Val.(Rs.Mn)	7.54	11.14	14.55	16.50	16.30
Total Meat and Meat Products	Qty.(MT)	1,169.99	1,566.83	2,081.73	3,809.57	3,758.41
	Val.(Rs.Mn)	206.29	194.56	220.01	365.26	568.36

Source: Sri Lanka Customs

5.8 Import of Feed Ingredients

Item	Unit	2015	2016	2017	2018	2019
Meat & Bone Meal	Qty.(MT)	17,841	18,891	19,447	16,510	27,914
	Val.(Rs.Mn)	1,455	1,319	1,326	1,362	1,842
Fish Meal	Qty.(MT)	8,821	8,253	6,849	3,238	5,855
	Val.(Rs.Mn)	1,216	1,210	933	457	763
Bran	Qty.(MT)	1,533	1,904	2,923	2,728	766
	Val.(Rs.Mn)	147	158	218	275	77
Soya Bean Meal	Qty.(MT)	177,200	194,983	219,917	213,726	213,801
	Val.(Rs.Mn)	12,565	12,795	14,086	15,969	15,960
Maize	Qty.(MT)	64,897	40,822	192,919	98,342	95,999
	Val.(Rs.Mn)	1,867	1,490	7,040	4,025	4,031
Rape Seed Meal	Qty.(MT)	120	392	-	960	1,040
	Val.(Rs.Mn)	53	18	-	41	48

Source: Sri Lanka Customs and Quarantine Station (DAPH)

Chapter 6. Feed Production and Prices

6.1 Animal Feed Production (2015-2019)

Category	2015	2016	2017	2018	2019
Commercial Feed Production					
Dairy feed ('000 MT)	30.54	40.85	51.28	63.20	60.87
Poultry feed ('000 MT)	501.82	620.31	678.19	771.77	799.69
Pig feed ('000 MT)	2.70	2.26	1.14	1.31	1.74
Goat feed ('000 MT)	0.46	0.11	0.09	0.10	0.12
Shirmp feed ('000 MT)	-	-	-	0.16	0.40
Fish Feed ('000 MT)	-	-	-	1.02	
Horse feed ('000 MT)	0.53	0.46	0.25	0.29	0.22
Other feed ('000 MT)	0.15	0.14	1.23	0.82	0.84
Feed premixes ('000 MT)	0.77	0.98	0.16	0.02	0.06
Total Commercial Feed Production	536.97	665.11	732.34	838.68	863.94
Self mixed ('000 MT)	396.00	413.54	450.13	487.57	436.90
Total Feed production ('000 MT)	932.97	1,078.65	1,182.47	1,326.25	1,300.84

Source: VRA Division/ DAPH

6.2 Animal Feed Ingredient Production (2015 - 2019)

Item	Unit	2015	2016	2017	2018	2019
Maize						
Local Maize Production (Maha)	MT	230,871	207,075	163,733	242,935	220,425
<i>Extent (Maha)</i>	Ha	60,954	57,094	44,515	63,926	57,380
Local Maize Production (Yala)	MT	30,244	36,885	32,011	27,106	25,222
<i>Extent (Yala)</i>	Ha	9,017	10,536	8,029	6,969	6,070
Imports for Animal Feed*	MT	64,897	40,822	192,919	98,342	95,999
Soya bean						
Local Soya Production (Maha)	MT	619	432	5,207	1,186	0.30
<i>Extent (Maha)</i>	Ha	318	207	3,095	720	191
Local Soya Production (Yala)	MT	10,635	7,514	9,156	1,304	1,893
<i>Extent (Yala)</i>	Ha	6,065	6,094	5,221	791	723
Imports for Animal Feeds*	MT	171,775	196,793	226,437	154,585	208,312

Source : Dept.of Agriculture, AQ Station-DAPH*

6.3 Compound (Average) Feed Prices (2015-2019)

Feed Type	Price (Rs/25 kg pack)				
	2015	2016	2017	2018	2019
Poultry Feed (Rs/25 kg)					
Broiler Starter	2,267.66	2,462.92	2,556.00	2,569.50	2,761.75
Broiler Finisher	2,146.10	2,338.60	2,357.21	2,448.75	2,649.50
Layer Starter	2,078.40	2,364.87	2,375.56	2,374.50	2,455.25
Layer Grower	1,627.88	1,979.94	1,982.36	2,050.63	2,012.25
Layer	1,667.75	1,799.57	1,815.46	1,836.88	2,054.25
Pig Feed (Rs/25 kg)					
Pig Starter	1,705.50	1,725.75	1,702.00	1,801.00	1,882.50
Pig Grower	1,488.50	1,536.00	1,604.00	1,687.00	1,776.25
Pig Faterner	1,442.00	1,250.00	1,600.00	1,850.00	2,082.50
Cattle Feed (Rs/25 kg)					
Dairy Meal	1,024.31	1,116.00	1,187.50	1,213.75	1,220.75
Calf Starter	1,585.47	1,513.83	1,718.75	1,762.50	1,900.50

Source : Feed Production Companies (Modified - DAPH- LPE Division)

6.4 Feed Ingredients Retail Prices (2015 - 2019)

Ingredient	Unit Price (Rs/kg)				
	2015	2016	2017	2018	2019
Soya Meal	92.97	90.46	92.25	103.86	108.15
Fish Meal(Malaysian)	193.09	204.98	173.16	179.78	200.94
Fish Meal(Danish)	362.39	371.96	366.99	409.46	455.09
Meat & Bone Meal	145.00	126.06	128.14	94.12	100.78
Rice Bran	26.22	29.31	38.87	36.17	37.84
Broken Rice	38.88	45.89	58.07	56.56	52.57
Rice Polish	35.95	36.75	52.01	45.57	44.92
Maize Whole	46.41	57.88	61.84	60.78	68.58
Maize Meal	49.74	61.31	65.72	64.52	71.74
Coconut Poonac	48.17	40.96	53.61	61.06	47.97

Source: Colombo Market Prices (Modified DAPH -LPE Division)

coconut poonac was imported during 2016

Chapter 7. Livestock Product Prices

7.1 Prices of Poultry and Poultry Products - 2019

Month	Eggs		Farmgate Price		
	Farmgate	Wholesale	Broiler Chicken	Day Old Chicks	
	(Rs.)	(Rs.)	Live (Rs/kg)	Broiler (Rs/DOC)	Layer (Rs/ DOC)
January	17.50	19.38	255.00	75.84	135.00
February	16.75	17.88	265.00	80.94	124.54
March	15.50	17.25	275.00	87.57	131.32
April	17.25	18.25	281.25	70.41	132.44
May	13.50	15.00	202.50	60.37	116.74
June	14.50	17.38	223.75	60.18	121.12
July	16.63	18.25	253.75	64.62	136.12
August	17.50	18.88	252.50	65.63	141.17
September	17.50	19.00	280.00	67.25	151.17
October	17.75	19.25	247.50	72.08	151.17
November	17.50	19.00	248.75	64.63	151.17
December	17.50	19.00	217.50	55.79	151.17
Average	16.62	18.21	250.21	68.78	136.93

Source : Kuliyaipitya and NLDB Farms

7.2 Retail Prices of Meat and Eggs (2017 - 2019)

Product	2017			2018			2019		
	Average	Min	Max	Average	Min	Max	Average	Min	Max
Chicken Meat (Rs/kg)									
Curry Chicken	489.14	452.40	516.95	596.12	500.93	722.93	604.13	544.28	625.96
Broiler Chicken	509.92	464.04	563.80	552.40	507.86	595.12	560.33	532.53	593.95
Eggs(Rs/egg)									
White Eggs	13.33	11.10	14.36	15.42	12.68	19.54	18.83	16.25	20.14
Brown Eggs	14.40	12.37	15.40	16.56	13.98	20.57	19.86	17.28	21.14
Beef (Rs/kg)	916.61	855.01	954.38	958.68	948.33	966.95	995.61	978.36	1,023.90
Mutton (Rs/kg)	1,737.11	1,672.06	1,796.24	1,838.22	1,793.33	1,871.42	1876.50	1841.62	1912.39
Pork (Rs/kg)	559.16	516.67	584.17	613.31	530.00	714.40	760.99	720.67	779.67

Source : HARTI

Chapter 8. Cost of Production and Availability

8.1 Cost of Production of Livestock Products (2015 - 2019)

Item	2015	2016	2017	2018	2019
Cost of Production of Chicken Meat (Rs/kg)					
Large scale					
Live Weight	178.60	222.19	208.81	257.19	258.56
Dressed Weight	246.80	260.48	245.32	265.85	267.23
Frozen Chicken	291.16	306.46	289.75	313.16	314.30
Small Scale					
Live Weight	325.65	330.68	306.14	335.37	337.49
Dressed Weight	339.50	397.87	369.28	402.35	404.40
Cost of Production of Eggs (Rs/egg)					
Large Scale	10.07	11.17	12.34	13.38	13.70
Small Scale	11.15	12.41	12.81	14.07	14.39
Cost of Production of Milk (Rs/litre)					
Intensive System	32.31	31.99	34.69	47.67	51.11
Cost of Production of Mutton (Rs/kg)					
	279.75	281.15	295.20	310.24	869.42*
Cost of Production of Beef (Rs/kg)					
	325.88	357.37	363.73	371.87	372.32
Cost of Production of Pork (Rs/kg)					
Live Weight	166.68	182.71	191.99	201.44	234.69
Dressed Weight	241.52	264.58	277.84	291.35	338.80

* Model updated

8.2 Percapita Availability of Livestock Products Per Year (2015 - 2019)

Item	2015	2016	2017	2018	2019
Milk and Milk Products(LME) - <i>l</i>	48.56	55.48	56.00	58.03	52.26
Meat (kg)					
Chicken	7.82	8.56	9.29	9.73	10.12
Beef	1.53	1.49	1.39	1.32	1.37
Mutton	0.09	0.09	0.12	0.11	0.12
Pork	0.34	0.34	0.37	0.49	0.42
Eggs(<i>number</i>)	109.05	108.43	132.90	131.39	120.23

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