



Government of Kerala



REPORT ON
Slaughter Houses And Poultry stalls Survey
In Kerala-2013

Department of Economics & Statistics, Kerala
Thiruvananthapuram 2014
www.ecostat.kerala.gov.in, ecostatdir@gmail.com



Government of Kerala

**Report on
Slaughter Houses and Poultry Stalls Survey
in Kerala-2013**

**Department of Economics & Statistics, Kerala
Thiruvananthapuram
2014**

PREFACE

The animal husbandry sector in Kerala is not so developed as in the neighbouring states. This sector is closely connected with the agricultural activities, where in Kerala, agricultural activities are in a decreasing trend. Compared to the rest of the states in India, Kerala is far behind in the case of animal and poultry population. Still the sector has a major role in the economy of the state.

It is a fact that Keralites are mostly non-vegetarian in the sense that meat, fish etc form an integral part of the diet of majority of the population. The meat /egg requirements of the state are mainly met by the animals/poultryies coming from states like Tamil Nadu, Karnataka etc. The animals/ poultry procured locally and coming from outside the state are being processed in slaughterhouses and majority of them are in the unregistered sector, ie, without any license or registration from the local bodies or concerned Departments. There is no authentic and up to date data on this sector. Hence the Department has planned and conducted this survey in 2012-13, using the funds provided in the SSSP projects. Since the activities are carried out illegally, the data collection from such units was also very difficult. The enumerators and supervisors of the survey could gather reliable information from all the slaughterhouses and poultry stalls by using their skills. This report is prepared on the basis of the survey.

The data collected was scrutinized and the report was prepared in State Income Division of Directorate. In this occasion, I congratulate all the officers of the Department associated with this survey for the sincere efforts taken by them.

Suggestions for the improvement of the report are most welcome.

Thiruvananthapuram,
23/09/2014

V. Ramachandran
Director General

CONTENTS

		Page No
Chapter I	Introduction	1
Chapter II	Results of the Survey	3
Table 1	Number of Units According to Type of Structure	6
Table 2	Number of Units According to Type of Ownership	6
Table 3	Number of Units According to Registration	7
Table 4	Number of Units According to Licence	7
Table 5	Number of Units According to Nature Licence	8
Table 6	Number of Units According to Type of Operation	9
Table 7	Number of Units According to Nature of functioning	9
Table 8	Number of Units According to Nature functioning	10
Table 9	Number of Units According to Waste Disposal System	10
Table 10	Number of Units According to Service of Veterinary Surgeon Available	11
Table 11	No of Animals Slaughtered per Year (District wise)	11
Table 12	Cattle Slaughtered per Year	12
Table 13	Buffalo Slaughtered per Year	12
Table 14	Sheep/ Goat Slaughtered per Year	13
Table 15	Pig Slaughtered per Year	13
Table 16	Rabbit Slaughtered per Year	14
Table 17	Average Weight of animal purchased	14
Table 18	Average Price of animal purchased	15
Table 19	Organ wise price of animals (Rs/Kg)	15
Table 20	Organ wise Weight of animals of average size (in %)	16
Table 21	District wise Number of Birds Slaughtered per Year	17
Table 22	Number of Birds slaughtered per year	17
Table 23	Average weight of Birds Sold (in Kg)	17
Table 24	Average Price of Birds Sold (Per KG)	17
Table 25	Monthly Expenditure of all Units	18
	Survey Schedule	19

Chapter I

Introduction

The economy of a country/state can be broadly classified into primary sector, secondary sector and tertiary sector. Animal husbandry, a sub sector of primary sector has a significant role in the State Income of an agriculture oriented economy. Changes relating to production and day to day increase of slaughter houses and poultry stalls necessitated the updating of the present rates and ratios (for computing State Income etc) on the basis of value added by different organs of cattle of average size and poultry. In addition to the production of meat, bye products such as skin/hides, head, liver, horn, hoofs, guts, bones etc are created while slaughtering. There is no upto date data available now about the number of animals/birds slaughtered, income and expenditure of slaughter houses and poultry stalls, number of animals/birds locally procured etc. Number of unregistered poultry stalls and slaughterhouses are more than the registered ones in the state. The objective of this survey is to collect the above details for revising the rates and ratios relating to this sector for the computation of state income in a realistic manner.

Though Kerala's cattle and poultry population is showing a decreasing trend year after year, the meat consumption in the state is increasing day by day. Cattle population has been decreasing in the state due to various reasons like dwindling facilities for rearing of the cattle and poultry, less remunerative works and easy availability of cattle and poultry from neighbouring states like Tamil Nadu, Karnataka etc. Even if the case is such, the percapita consumption of meat has increased considerably.

There is no authentic and up to date data on the number of cattle and poultry slaughtered in the state. Registered/licenced units are less in the state when compared to unregistered stalls. A large number of animals and poultry are slaughtered every day. For computation of state income organ wise data of animals is required. The rates and ratios of different organs provided by the Central Statistics Office are used for arriving at the organ wise value added of an animal. The rates and ratios in the state are very much different compared to other states and CSO. Significant changes have occurred in the size and shape of animals with the advent of high breed varieties. Realising this point, Department of

Economics and Statistics, conducted this survey using the funds provided in the SSSP projects.

Objectives:

- 1) To calculate the number of registered and unregistered poultry stalls and slaughter houses in Kerala.
- 2) Number of animals/birds slaughtered in registered and unregistered slaughter houses/poultry stalls in Kerala.
- 3) To compute the weight and price of meat and other products.
- 4) Number of animals and birds procured locally and from outside the state.
- 5) To update the rates and ratios of this sector relating to State Income.

Methodology

All the units ie butcher shop, poultry stalls, slaughterhouses and meat stalls in the state were visited and the details were collected in the prescribed schedules designed for the survey. The field work of the survey was conducted from February to March, 2013.

Limitations

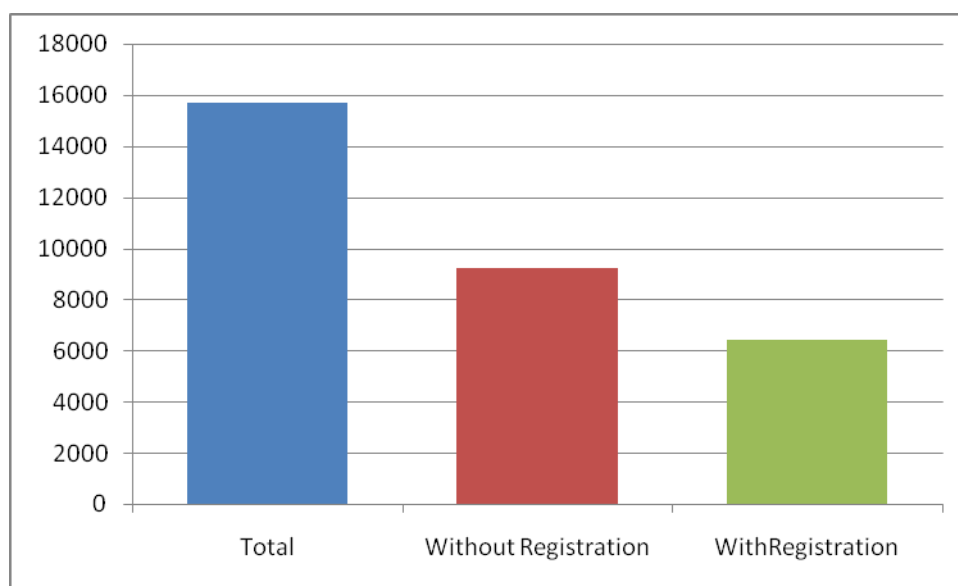
As said earlier, unregistered slaughterhouses out numbered the registered ones in the state. The data collection from the registered units was not so difficult. But it was very difficult to collect data from the unregistered ones. Also enumerators felt some difficulties in collecting the price and weight of organs like kidney, brain, tail stump, etc separately because most of the traders sell these along with the meat. Similarly hoof is not at all sold separately. Blood is very rarely used in Kerala for value added purpose.

Anyhow with great patience and care, the enumerators collected the required details from the informants.

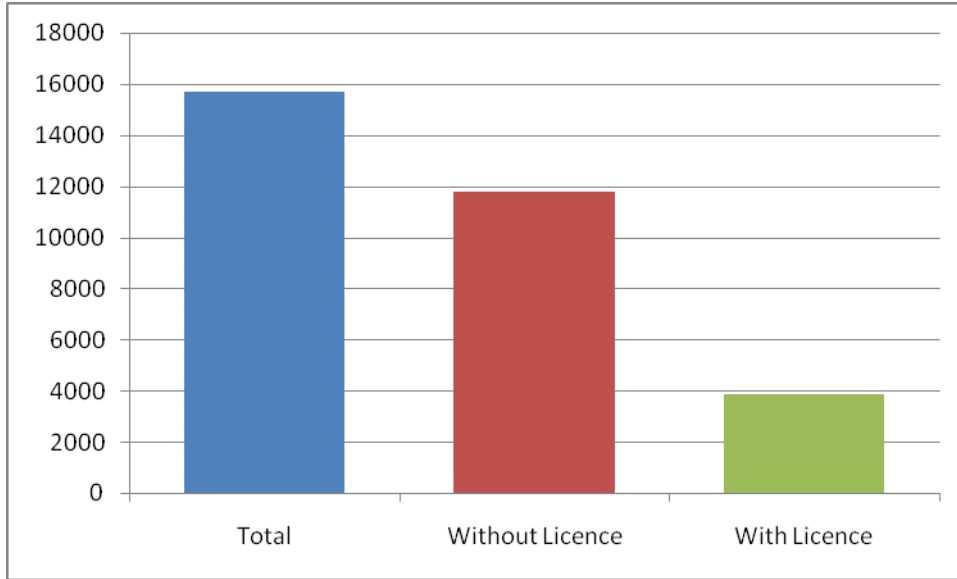
Chapter II

Results of the Survey

As per the survey the total number of units handling meat and poultry in the state are 15680, Malappuram district stands first in number and Pathanamthitta is the least. Kozhikkode has the highest number of registered units while Kollam and Pathanamthitta have the least. Out of the total of 15680 units, 9226 (58.84%) are unregistered. Majority of institutions were unregistered in 10 Districts in which Malappuram is the topper and in Pathanamthitta, Kottayam, Kozhikkode and Kasaragod districts number of units registered are more than unregistered. Only 32.93% institutions have local body registration, 3.20% registered with food safety Department and 3.27% have both local body and food safety Department registration.



As per the results of the survey, out of the 15680 units 11807 (75.30%) units are functioning without any licence. 2435 poultry stalls, 148 butcher shops, 685 meat stalls, 168 butchershop cum meat stalls and 53 slaughter houses are reported as licenced units. 12531 (79.92%) units functioning in permanent structures and 760 (4.85%) without structures. 5200 (33.16%) units are run by owner himself while 9225 (58.83%) are rented units. 11498 (73.33%) are daily and 3074 are weekly functioning units. Besides these 15680 institutions, 21 units are functioning exclusively for slaughtering in the state. Out of these 21 units, 6 are unregistered and 13 are functioning without licence.



809 units have no facility for waste disposal, 490 disposes to open pit, 4104 to closed pit. 8700 units reported that they have other type of waste management facility which means that they are also to be considered as units without any facilities. Only 666 units work with treatment plants for waste disposal. 14687 (93.67%) units are functioning without any service from veterinary surgeons.

As per the result of the survey, around 3.33 lakh cattle, 6.54 lakh buffaloes and 3.38 lakh goats are slaughtered in the state every year. Meat production per year is as shown in the table below.

Annual Production of Meat

Sl No	Animals	Quantity in Tonnes
1	Cattle	30381
2	Buffalo	61951
3	Sheep/Goat	4127
4	Pig	2734
5	Rabbit	4
	Total	99198

Sl No	Birds	Quantity in Tonnes
1	Spent Chicken	4341
2	Chicken	112580
3	Duck	1759
4	Turkey	34
5	Quail	201
	Total	118915

The survey result shows that 55% of meat production is from the animals procured from neighbouring states. In the case of birds 70% of the meat production is from the birds brought from outside the state.

CONCLUSION

The collection of data from the registered slaughterhouses and poultry stalls did not pose much problems. But the same from the unregistered units was rather difficult. The slaughtering activities in the unregistered sector are an illegal activity. Hence the persons engaged in these activities were reluctant to disclose the details. However, the enumerators cleverly gathered the required details from other people, who are some how associated with the slaughterhouses, besides the persons conducting the activities. The data collection from the poultry stalls is easier than from slaughter houses. In Kerala, the slaughterhouse persons do not use all organs (other than meat, hide, skin and bones). Blood, hoof, gut of cattles/buffalos/pigs are not generally used. These items are abandoned at the slaughter places itself in most cases. But in the case of sheep/goat, gut is used.

Table 1- Number of Units According to Type of Structure

SI No	Name of District	Type of Structure		Without Structure	Total
		Permanent	Temporary		
1	Thiruvananthapuram	884	187	182	1253
2	Kollam	385	143	29	557
3	Pathanamthitta	303	36	9	348
4	Alappuzha	720	185	28	933
5	Kottayam	675	103	18	796
6	Idukki	629	45	15	689
7	Ernakulam	1590	454	57	2101
8	Thrissur	1380	296	50	1726
9	Palakkad	1081	213	55	1349
10	Malappuram	1724	439	88	2251
11	Kozhikode	1060	40	30	1130
12	Wayand	422	73	115	610
13	Kannur	1087	103	73	1263
14	Kasargod	591	72	11	674
	Total	12531	2389	760	15680

Table 2- Number of Units According to Type of Ownership

SI No	Name of District	Owned	Rented	Others	Total
1	Thiruvananthapuram	384	651	218	1253
2	Kollam	229	278	50	557
3	Pathanamthitta	115	224	9	348
4	Alappuzha	631	243	59	933
5	Kottayam	289	462	45	796
6	Idukki	160	473	56	689
7	Ernakulam	858	1114	129	2101
8	Thrissur	804	845	77	1726
9	Palakkad	525	695	129	1349
10	Malappuram	251	1797	203	2251
11	Kozhikode	158	927	45	1130
12	Wayand	150	343	117	610
13	Kannur	418	766	79	1263
14	Kasargod	228	407	39	674
	Total	5200	9225	1255	15680

Table 3- Number of Units According to Registration

Sl No	Name of District	Without Registration	Registered in				Grand Total	
			Local Body only	Food Safety Dept. only	Both	Others		Total
1	Thiruvananthapuram	855	312	48	20	18	398	1253
2	Kollam	324	206	1	11	15	233	557
3	Pathanamthitta	115	161	8	59	5	233	348
4	Alappuzha	620	275	9	16	13	313	933
5	Kottayam	382	332	20	23	39	414	796
6	Idukki	404	228	25	12	20	285	689
7	Ernakulam	1360	603	57	42	39	741	2101
8	Thrissur	1071	578	22	39	16	655	1726
9	Palakkad	875	358	58	32	26	474	1349
10	Malappuram	1616	578	3	4	50	635	2251
11	Kozhikode	316	604	80	125	5	814	1130
12	Wayand	318	153	53	67	19	292	610
13	Kannur	639	469	111	42	2	624	1263
14	Kasargod	331	307	7	21	8	343	674
	Total	9226	5164	502	513	275	6454	15680

Table 4 - Number of Units According to Licence

Sl No	Name of District	With Licence	Without Licence	Total
1	Thiruvananthapuram	260	993	1253
2	Kollam	157	400	557
3	Pathanamthitta	210	138	348
4	Alappuzha	181	752	933
5	Kottayam	292	504	796
6	Idukki	218	471	689
7	Ernakulam	362	1739	2101
8	Thrissur	365	1361	1726
9	Palakkad	243	1106	1349
10	Malappuram	278	1973	2251
11	Kozhikode	554	576	1130
12	Wayand	197	413	610
13	Kannur	317	946	1263
14	Kasargod	239	435	674
	Total	3873	11807	15680

Table 5 - Number of Units According to Nature Licence

Sl No	Name of District	With Licence							Without Licence	Total	
		Butcher Shop only	Meat Stall only	Both Butcher Shop & Meat Stall	Poultry Stall	Poultry & Meat Stall	Slaughter House	Others			Total
1	Thiruvananthapuram	26	59	7	150	9	5	4	260	993	1253
2	Kollam	11	30	1	94	7	10	4	157	400	557
3	Pathanamthitta	15	38		144	12		1	210	138	348
4	Alappuzha	3	30	8	126	3	10	1	181	752	933
5	Kottayam	20	50	8	174	28	6	6	292	504	796
6	Idukki	1	51	1	124	28	5	8	218	471	689
7	Ernakulam	4	89	25	203	33	4	4	362	1739	2101
8	Thrissur		58	62	214	13		18	365	1361	1726
9	Palakkad	15	41	3	147	17	4	16	243	1106	1349
10	Malappuram	9	41	4	203	16		5	278	1973	2251
11	Kozhikode	18	73	33	401	23		6	554	576	1130
12	Wayand	11	60	2	115	4	4	1	197	413	610
13	Kannur	12	38	9	170	48	2	38	317	946	1263
14	Kasargod	3	27	5	170	22	3	9	239	435	674
	Total	148	685	168	2435	263	53	121	3873	11807	15680

Table 6 - Number of Units According to Type of Operation

SI No	Name of District	Permanent	Temporary	Total
1	Thiruvananthapuram	1031	222	1253
2	Kollam	394	163	557
3	Pathanamthitta	311	37	348
4	Alappuzha	834	99	933
5	Kottayam	686	110	796
6	Idukki	622	67	689
7	Ernakulam	1805	296	2101
8	Thrissur	1576	150	1726
9	Palakkad	1205	144	1349
10	Malappuram	1837	414	2251
11	Kozhikode	1065	65	1130
12	Wayand	449	161	610
13	Kannur	1069	194	1263
14	Kasargod	611	63	674
	Total	13495	2185	15680

Table 7 - Number of Units According to Nature of functioning

SI No	Name of District	Daily	Weekly	Monthly	Occasional	Festival Season	Total
1	Thiruvananthapuram	784	389	7	45	28	1253
2	Kollam	407	96	1	31	22	557
3	Pathanamthitta	299	30	1	16	2	348
4	Alappuzha	672	201	1	44	15	933
5	Kottayam	619	153	1	20	3	796
6	Idukki	512	128	13	16	20	689
7	Ernakulam	1412	593	6	60	30	2101
8	Thrissur	1166	424	2	102	32	1726
9	Palakkad	1067	218	5	44	15	1349
10	Malappuram	1604	517	32	69	29	2251
11	Kozhikode	994	86	6	19	25	1130
12	Wayand	381	100	20	82	27	610
13	Kannur	976	118	7	99	63	1263
14	Kasargod	605	21		32	16	674
	Total	11498	3074	102	679	327	15680

Table 8 - Number of Units According to Nature functioning

Sl No	Name of District	Slaughter House	Meat Stall	Poultry Stall	Poultry & Meat Stall	Butcher shop & Meat Stall	Others	Total
1	Thiruvananthapuram	15	313	632	87	199	7	1253
2	Kollam	25	70	305	92	55	10	557
3	Pathanamthitta	1	60	231	33	21	2	348
4	Alappuzha	6	186	633	49	59		933
5	Kottayam	11	154	415	99	101	16	796
6	Idukki	13	93	379	46	145	13	689
7	Ernakulam	4	219	1186	101	587	4	2101
8	Thrissur	1	198	1021	53	423	30	1726
9	Palakkad	4	193	865	90	183	14	1349
10	Malappuram	17	557	1107	197	352	21	2251
11	Kozhikode	8	159	632	108	199	24	1130
12	Wayand	60	130	186	108	105	21	610
13	Kannur	7	102	625	314	185	30	1263
14	Kasargod	10	48	490	104	18	4	674
	Total	182	2482	8707	1481	2632	196	15680

Table 9 - Number of Units According to Waste Disposal System

Sl No	Name of District	Without any System	Open Pit	Closed Pit	Treatment Plant	By product Plant	Others	Total
1	Thiruvananthapuram	149	32	484	39	77	472	1253
2	Kollam	69	13	277	18	33	147	557
3	Pathanamthitta	19	26	124	17	12	150	348
4	Alappuzha	92	90	302	26	19	404	933
5	Kottayam	29	15	102	19	16	615	796
6	Idukki	22	4	97	6	32	528	689
7	Ernakulam	70	44	418	40	103	1426	2101
8	Thrissur	57	34	429	166	189	851	1726
9	Palakkad	104	74	302	27	108	734	1349
10	Malappuram	67	78	618	87	172	1229	2251
11	Kozhikode	20	12	240	59	49	750	1130
12	Wayand	32	10	157	19	10	382	610
13	Kannur	58	28	244	97	76	760	1263
14	Kasargod	21	30	310	46	15	252	674
	Total	809	490	4104	666	911	8700	15680

Table 10 - Number of Units According to Service of Veterinary Surgeon Available

Sl No	Name of District	Ante mortem	Post mortem	Ante mortem & Postmortem	Service Not Available	Total
1	Thiruvananthapuram	42	4	30	1177	1253
2	Kollam	33	2	16	506	557
3	Pathanamthitta	9	1		338	348
4	Alappuzha	11	6	10	906	933
5	Kottayam	52	2	28	714	796
6	Idukki	7	5	70	607	689
7	Ernakulam	17	15	18	2051	2101
8	Thrissur	60	5	16	1645	1726
9	Palakkad	42	1	10	1296	1349
10	Malappuram	62	51	33	2105	2251
11	Kozhikode	49	3	8	1070	1130
12	Wayand	106	10	12	482	610
13	Kannur	98	10	23	1132	1263
14	Kasargod	10		6	658	674
	Total	598	115	280	14687	15680

Table 11- No of Animals Slaughtered per Year (Districtwise)

Sl No.	District	Cattle	Buffalo	Goat/ Sheep	Pig	Rabbit
1	Thiruvananthapuram	43259	39987	56583	434	0
2	Kollam	30279	46413	13392	40	80
3	Pathanamthitta	8901	4217	2852	0	0
4	Alappuzha	12256	38250	7226	90	210
5	Kottayam	29200	43209	19057	3779	799
6	Idukki	13170	23561	7616	3110	1907
7	Ernakulam	60311	129388	55217	5892	4201
8	Thrissur	38018	71156	41737	10524	637
9	Palakkad	35488	31014	46702	928	3478
10	Malappuram	26835	63281	21817	700	15
11	Kozhikode	16053	67633	19292	2076	87
12	Wayand	6210	40444	12224	16003	1592
13	Kannur	12699	44139	16375	5689	390
14	Kasargod	1078	11697	18046	715	225
	Total	333757	654389	338136	49980	13621

Table 12- Cattle Slaughtered per Year

Sl No.	Item	No of cattle Slaughtered			% of cattle Slaughtered		
		In licenced units	In Units without Licence	Total	In licenced units	In Units without Licence	Total
1	Young	26004	34587	60591	7.79	10.36	18.15
2	Adult	115455	157711	273166	34.59	47.25	81.85
3	Male	107766	139013	246779	32.29	41.65	73.94
4	Female	33693	53285	86978	10.10	15.97	26.06
5	From Outside the State	78284	94253	172537	23.46	28.24	51.70
6	From Within the State	63175	98045	161220	18.93	29.38	48.30
7	Non Descript	107830	149644	257474	32.31	44.84	77.14
8	Cross/ High breed	33629	42654	76283	10.08	12.78	22.86
	Total	141459	192298	333757	42.38	57.62	100.00

Table 13- Buffalo Slaughtered per Year

Sl No.	Item	No of Buffalo Slaughtered			% of buffalo Slaughtered		
		In licenced units	In Units without Licence	Total	In licenced units	In Units without Licence	Total
1	Young	49854	63039	112893	7.62	9.63	17.25
2	Adult	176375	365121	541496	26.95	55.80	82.75
3	Male	181404	311237	492641	27.72	47.56	75.28
4	Female	44825	116923	161748	6.85	17.87	24.72
5	From Outside the State	132459	269588	402047	20.24	41.20	61.44
6	From Within the State	93770	158572	252342	14.33	24.23	38.56
7	Non Descript	177460	349897	527357	27.12	53.47	80.59
8	Cross/ High breed	48769	78263	127032	7.45	11.96	19.41
	Total	226229	428160	654389	34.57	65.43	100.00

Table 14- Sheep/ Goat Slaughtered per Year

Sl No.	Item	No of Sheep/ Goat Slaughtered			% of Sheep/ Goat Slaughtered		
		In licenced units	In Units without Licence	Total	In licenced units	In Units without Licence	Total
1	Young	40283	38817	79100	11.91	11.48	23.39
2	Adult	141816	117220	259036	41.94	34.67	76.61
3	Male	143212	120881	264093	42.35	35.75	78.10
4	Female	38887	35156	74043	11.50	10.40	21.90
5	From Outside the State	45132	21057	66189	13.35	6.23	19.57
6	From Within the State	136967	134980	271947	40.51	39.92	80.43
7	Non Descript	149401	132062	281463	44.18	39.06	83.24
8	Cross/ High breed	32698	23975	56673	9.67	7.09	16.76
	Total	182099	156037	338136	53.85	46.15	100.00

Table 15- Pig Slaughtered per Year

Sl No.	Item	No of Pig Slaughtered			% of Pig Slaughtered		
		In licenced units	In Units without Licence	Total	In licenced units	In Units without Licence	Total
1	From Outside the State	2890	3578	6468	5.78	7.16	12.94
2	From Within the State	12001	31511	43512	24.01	63.05	87.06
3	Non Descript	5055	16041	21096	10.11	32.09	42.21
4	Cross/ High breed	9836	19048	28884	19.68	38.11	57.79
	Total	14891	35089	49980	29.79	70.21	100.00

Table 16- Rabbit Slaughtered per Year

Sl No.	Item	No of Rabbit Slaughtered			% of Rabbit Slaughtered		
		In licenced units	In Units without Licence	Total	In licenced units	In Units without Licence	Total
1	From Outside the State	342	240	582	2.51	1.76	4.27
2	From Within the State	8434	4605	13039	61.92	33.81	95.73
3	Non Descript	6399	1204	7603	46.98	8.84	55.82
4	Cross/ High breed	2377	3641	6018	17.45	26.73	44.18
	Total	8776	4845	13621	64.43	35.57	100.00

Table 17- Average Weight of animal

				Cattle	Buffalo	Sheep/ Goat	Pig	Rabbit	
Non Descript/ Local	From Outside the State	Male	Young	77.79	99.06	12.61	93.85	3.50	
			Adult	145.48	172.91	17.25			
		Female	Young	71.20	94.23	12.81			
			Adult	141.23	167.98	17.59			
	From Within the State	Male	Young	75.44	94.82	13.97	90.97		
			Adult	152.12	181.12	19.31			
		Female	Young	73.71	94.97	12.55			
			Adult	152.57	183.11	17.41			
Cross/ High breed	From Outside the State	Male	Young	85.17	102.77	13.59	103.90	2.00	
			Adult	154.77	179.12	22.53			
		Female	Young	89.78	106.88	13.75			
			Adult	153.64	209.27	24.32			
	From Within the State	Male	Young	87.99	101.79	12.57	101.30		2.57
			Adult	157.29	184.01	21.03			
		Female	Young	88.05	94.04	10.28			
			Adult	174.23	185.15	18.77			

Table 18- Average Price of animal

				Cattle	Buffalo	Sheep/ Goat	Pig	Rabbit
Non Descript/ Local	From Outside the State	Male	Young	9721.19	10667.27	4511.11	11507.10	245.00
			Adult	13884.06	15616.41	5621.09		
		Female	Young	9463.00	10023.75	4273.33		
			Adult	13402.67	14850.37	6181.45		
	From Within the State	Male	Young	9337.85	10513.24	3805.84	9885.80	246.22
			Adult	14807.11	16207.89	5957.78		
		Female	Young	8565.66	10324.02	3616.67		
			Adult	14025.06	16715.48	6179.67		
Cross/ High breed	From Outside the State	Male	Young	9320.78	12318.92	3634.50	12261.90	270.00
			Adult	15290.78	17103.66	6646.20		
		Female	Young	9937.50	12925.00	4030.00		
			Adult	15270.23	18887.42	6550.00		
	From Within the State	Male	Young	9276.61	11731.48	2975.86	11383.00	347.27
			Adult	15676.18	18176.22	6832.54		
		Female	Young	9519.12	10500.00	2755.26		
			Adult	15906.72	19003.05	6951.71		

Table 19- Organ wise price of animals (Rs/Kg)

Sl No.	Organs	Cattle	Buffalo	Sheep/ Goat	Pig
1	Meat including Heart and Kidney	170.31	179.52	392.77	187.21
2	Bone only	21.14	26.57	299.87	73.42
3	Brain/Liver	151.98	162.64	376.13	144.82
4	Head without brain	27.15	29.97	189.88	69.36
5	Legs	20.98	22.91	191.27	93.78
6	Edible Fats	27.58	37.38	202.21	38.54
7	Skin/ Hides	53.12	57.1	101.01	52.14
8	Hoofs	10.68	10.8	26.99	6.44
9	Horns	13.47	14.33	28.07	4.71
10	Guts	60.26	60.32	133.51	49
11	Tail Stumps	47.05	73.22	199.02	50.59
12	Blood	18.11	17.71	50.06	46.67
13	Others	41.03	38.86	80.01	72.27

Table 20 Percentage Weight of Organs of animals of average size

Sl No.	Organs	Cattle				Buffalo				Sheep/ Goat				Pig			
		Young		Adult		Young		Adult		Young		Adult		Young		Adult	
		Local	Hybrid	Local	Hybrid	Local	Hybrid	Local	Hybrid	Local	Hybrid	Local	Hybrid	Local	Hybrid	Local	Hybrid
1	Meat including Heart and Kidney	59.69	62.87	65.82	63.12	59.17	61.06	64.50	63.44	55.51	64.21	56.56	60.88	75.02	75.08	79.60	81.40
2	Bone only	12.85	11.82	10.59	10.94	12.98	13.01	10.63	11.95	11.72	9.85	10.46	11.15	9.04	9.19	6.78	5.48
3	Brain/Liver	0.89	0.67	0.63	0.75	0.92	0.78	0.77	0.74	2.34	1.32	2.47	1.44	1.19	1.00	1.25	1.19
4	Head without brain	3.77	3.52	3.44	3.80	3.69	3.38	3.15	3.91	4.57	2.45	4.20	3.09	2.40	2.30	2.28	1.81
5	Legs	4.83	4.49	3.61	3.99	4.95	4.42	3.86	3.84	3.40	2.64	3.33	3.04	1.30	1.37	1.23	1.06
6	Edible Fats	2.43	2.32	3.01	3.07	3.57	2.65	4.02	3.09	2.75	2.92	2.83	2.63	1.32	1.45	1.23	1.54
7	Skin/ Hides	8.88	8.03	7.07	8.22	7.63	7.68	7.42	6.99	8.21	6.41	8.27	6.79	3.62	4.60	2.84	3.38
8	Hoofs	0.67	0.53	0.65	0.67	0.71	0.64	0.57	0.60	1.41	1.37	1.37	1.56	0.72	0.33	0.59	0.43
9	Horns	0.52	0.47	0.88	0.73	0.88	0.94	0.79	0.78	1.11	1.18	1.23	1.15	0.00	0.17	0.13	0.27
10	Guts	0.75	0.81	0.59	0.72	0.76	0.69	0.59	1.07	2.34	1.79	2.33	1.77	1.50	1.12	1.25	0.89
11	Tail Stumps	0.41	0.40	0.35	0.41	0.40	0.47	0.44	0.40	0.59	0.52	0.59	0.45	0.27	0.22	0.24	0.18
12	Blood	1.98	1.93	1.71	1.82	2.14	2.00	1.76	1.68	3.93	4.43	3.93	4.03	1.81	1.55	1.46	1.22
13	Others	2.34	2.13	1.66	1.76	2.20	2.28	1.49	1.52	2.11	0.90	2.42	2.02	1.81	1.62	1.11	1.15
		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Table 21- District wise Number of Birds Slaughtered per Year

Sl No.	District	Spent Chicken	Chicken	Duck	Turkey	Quail	Others
1	Thiruvananthapuram	159988	5924726	1866	305	1200	159988
2	Kollam	237438	3528172	2228	3734	0	237438
3	Pathanamthitta	20820	2068266	11995	0	4900	20820
4	Alappuzha	81928	3864668	290625	2500	1000	81928
5	Kottayam	21011	4845554	70777	360	8500	21011
6	Idukki	57736	2103934	628	15	10633	57736
7	Ernakulam	142533	10032939	279412	1421	30843	142533
8	Thrissur	2880	7969628	556074	2764	88401	2880
9	Palakkad	56684	7131557	2202	152	38498	56684
10	Malappuram	2072815	18525376	79383	0	229857	2072815
11	Kozhikode	985902	8342715	229437	0	424852	985902
12	Wayand	60040	3437517	3952	120	186588	60040
13	Kannur	263185	7255420	16350	5	13849	263185
14	Kasargod	0	3884080	0	0	0	0
	Total	4162960	88914552	1544929	11376	1039121	4162960

Table 22- Number of Birds slaughtered per year

Sl No.	Category of Birds	From Outside the State		From Within the State	
		Desi	Improved	Desi	Improved
1	Spent Chicken	100073	2686232	164506	1212149
2	Chicken	1467852	40423457	2498372	44524871
3	Duck	85810	165692	981187	312240
4	Turkey	0	741	1169	9466
5	Quail	6305	468479	127441	436896

Table 23- Average weight of Birds (in KG)

Sl No.	Category of Birds	From Outside the State		From Within the State	
		Desi	Improved	Desi	Improved
1	Spent Chicken	1.55	1.5	1.9	1.8
2	Chicken	1.6	1.9	2	2
3	Duck	2	2.13	1.6	1.96
4	Turkey	0	3.83	4.8	4.6
5	Quail	0.33	0.2	0.3	0.4

Table 24- Average Price of Birds (Per KG)

Sl No.	Category of Birds	From Outside the State		From Within the State	
		Desi	Improved	Desi	Improved
1	Spent Chicken	128.50	87.72	145.28	87.17
2	Chicken	111.05	96.65	143.47	96.15
3	Duck	203.75	150.83	181.01	171.76
4	Turkey	0.00	152.50	129.50	145.13
5	Quail	181.43	188.88	210.67	198.84

Table 25 – Monthly Expenditure of all Units

Sl No	Name of District	No of Units	Licence fee	Other fees	Electricity charge	Phone charge	Water charges	Wages	Transportation	Waste management	Rent	Others	Total
1	Thiruvananthapuram	1255	50828	16312	167835	76665	63311	4545815	841980	366700	790245	303980	7223671
2	Kollam	557	152964	29125	84460	42200	36355	2467550	443750	391880	298140	415150	4361574
3	Pathanamthitta	348	64137	244235	116155	40860	10663	2468750	546170	313250	1183142	265550	5252912
4	Alappuzha	933	27534	12055	140929	95200	16385	3037100	881375	103930	238970	263350	4816828
5	Kottayam	796	129991	34060	411329	120329	54390	5732250	946600	355250	983170	625090	9392459
6	Idukki	689	71992	56810	194091	53340	34286	2587815	817905	61123	685370	322650	4885382.5
7	Ernakulam	2101	95813	141082	801125	207788	131913	13067364	2503523	792329	2018830	1618625	21378393
8	Thrissur	1726	41039	57782	335855	119016	27868	5610455	1012815	643115	1100305	811668	9759918
9	Palakkad	1349	43966	29310	215887	132336	36529	3399805.5	787140	483600	971221	2308630	8408424.5
10	Malappuram	2251	131630	50980	318695	290592	146181	14922487	2443242	2434929	2943689	1559731	25242156
11	Kozhikode	1130	55581	28932	182391	138455	38868	9135820	923455	1441083	1718940.6	751160	14414686
12	Wayand	610	33839	4963	76693.25	45705	26015	3196485	651028	276227	759130	252040	5322125.8
13	Kannur	1263	77007	10845	260804	152722	12457	4873828	990866	320607	1196383	2411567	10307086
14	Kasargod	674	27879	7804	156547	36445	15845	2053250	234310	332555	789831	913830	4568296
	Total	15682	1004202	724295	3462796	1551653	651066	77098775	14024159	8316578	15677367	12823021	135333911

GOVERNMENT OF KERALA
DEPARTMENT OF ECONOMICS AND STATISTICS
Survey On Slaughter House And Poultry Stalls 2013

Block .01. Identification Particulars.

1	Name of District		2	District Code			
3	Name of Block		4	Block Code			
5	Name of Panchayat/ Municipality/ Corporation						
6	Panchayat/ Municipality/ Corporation Code						
7	Ward number		8	Name of Taluk			
9	Name of the Unit or Owner						
	Place						
10	Mobile No or Phone						
11	Type of Structure of the Unit (Permanent-1, Temporary-2, No Structure-3)			12	Ownership of the Structure (Owned-1, Rented-2, Others-9)		
13	Whether Registered (No registration-1, Local body-2, Food Safety Department-3, Both-4, Others-9)			14	Whether Licensed (Yes-1, No-2)		
15	If code 1 in item 14, Nature of Licence (Butcher shop-1, Meat stall-2, Both-3, Poultry stall-4, Meat stall and Poultry stall-5, Slaughter House-6, Others-9)			16	Type of operations (Permanent-1, Temporary-2)		
17	Nature of functioning (Daily-1, weekly-2, monthly-3, Occasional-4, Festival season-5)			18	Type of Unit (Slaughtering-1, Meat stall-2, Poultry -3, Meat stall and Poultry stall -4, Slaughtering & Meat stall-5, Others-9)		
19	Waste Disposal system (No System-1, Open Pit-2, Closed Pit-3, Treatment Plant-4, By-Product Plant-5, Others-9)			20	Weather service of the Veterinary Surgeon is using (Antemortem-1, Postmortem-2, Antemortem & Post mortem-3, No-4)		
21	Distance of the nearest Veterinary Dispensary/ Hospital (KM)			22	Total No. of Working Days during last 365 days		
23	Informant Name			24	Informant Code (Owner-1, Worker-2, Others-9)		
			25	Date of visit			

Block .02. Monthly Expenditure (₹)

26	License Fee Paid		27	Any other fees paid	
28	Electricity charges		29	Phone charges	
30	Water charges		31	Wages to workers	
32	Transportation		33	Waste Management	
34	Rent		35	Others	

Block 03. Number of Animals Slaughtered on the Last Operational Day

Category of Animals	Item	Non Descript				Cross/High Breed			
		Outside the state		Within the state		Outside the state		Within the state	
		M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10
Cattle	Young								
	Adult								
Buffalo	Young								
	Adult								
Sheep/ Goat	Young								
	Adult								
Pig									
Rabbit									
Others (Specify)									

Block 04. Number of Animals Slaughtered during the Last Month

Category of Animals	Item	Non Descript				Cross/High Breed			
		Outside the state		Within the state		Outside the state		Within the state	
		M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10
Cattle	Young								
	Adult								
Buffalo	Young								
	Adult								
Sheep/ Goat	Young								
	Adult								
Pig									
Rabbit									
Others (Specify)									

Block 05. Number of Animals Slaughtered during the Last 365 days

Category of Animals	Item	Non Descript				Cross/High Breed			
		Outside the state		Within the state		Outside the state		Within the state	
		M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10
Cattle	Young								
	Adult								
Buffalo	Young								
	Adult								
Sheep/ Goat	Young								
	Adult								
Pig									
Rabbit									
Others (Specify)									

Block 06. Weight of an Animal of average size (in Kg)

Category of Animals	Item	Non Descript				Cross/High Breed			
		Outside the state		Within the state		Outside the state		Within the state	
		M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10
Cattle	Young								
	Adult								
Buffalo	Young								
	Adult								
Sheep/ Goat	Young								
	Adult								
Pig									
Rabbit									
Others (Specify)									

Block 07. Purchase Price of an Animal of Average Size (₹)

Category of Animals	Item	Non Descript				Cross/High Breed			
		Outside the state		Within the state		Outside the state		Within the state	
		M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10
Cattle	Young								
	Adult								
Buffalo	Young								
	Adult								
Sheep/ Goat	Young								
	Adult								
Pig									
Rabbit									
Others (Specify)									

M-Male, F- Female

Block.08 Organ wise Price and Weight of an Animal of Average size.

Sl No	Item	Price/ Kg (`)		Organ wise weight (In Kg)								
				Cattle				Buffalo				
				Young		Adult		Young		Adult		
				ND	C/ H	ND	C/ H	ND	C/ H	ND	C/ H	
1	2	3a	3b	4	5	6	7	8	9	10	11	
1	Meat including heart and Kidney											
2	Bone Only											
3	Brain/Liver											
4	Head without brain											
5	Legs											
6	Edible fats											
7	Skin/ Hides											
8	Hoofs											
9	Horns											
10	Guts											
11	Tail stumps											
12	Blood											
13	Others											

Block.08 (contd..)

Sl No	Item	Price/ Kg (`)		Organ wise weight (In Kg)								
				Sheep/ Goat				Pig				
				Young		Adult		Young		Adult		
				ND	C/ H	ND	C/ H	ND	C/ H	ND	C/ H	
1	2	3a	3b	4	5	6	7	8	9	10	11	
1	Meat including heart and Kidney											
2	Bone Only											
3	Brain/Liver											
4	Head without brain											
5	Legs											
6	Edible fats											
7	Skin/ Hides											
8	Hoofs											
9	Horns											
10	Guts											
11	Tail stumps											
12	Blood											
13	Others											

ND- Non Descript, C/H- Cross/High Breed

Block 09. Number of Birds Slaughtered

Category of Birds	On the Last Operational day				During the Last Month				Last 365 days			
	Outside the state		Within the state		Outside the state		Within the state		Outside the state		Within the state	
	Desi	Impr- oved	Desi	Impr- oved	Desi	Impr- oved	Desi	Impr- oved	Desi	Impr- oved	Desi	Impr- oved
1	2	3	4	5	6	7	8	9	10	11	12	13
Spent Chicken												
Chicken												
Duck												
Turkey												
Quail												
Others (Specify)												

Block 10. Average weight (in Kgs) and Price (₹ /Kg) of a Bird purchased

Category of Birds	Outside the state				Within the state			
	Desi		Improved		Desi		Improved	
	Weight	Price	Weight	Price	Weight	Price	Weight	Price
1	2	3	4	5	6	7	8	9
Spent Chicken								
Chicken								
Duck								
Turkey								
Quail								
Others (Specify)								

Block 11. Weight of a Bird of Average size and selling Price /Kg

Category of Birds	Outside the state				Within the state			
	Desi		Improved		Desi		Improved	
	Weight (in Kg)	Price (`)	Weight (in Kg)	Price (`)	Weight (in Kg)	Price (`)	Weight (in Kg)	Price (`)
Spent Chicken								
Chicken								
Duck								
Turkey								
Quail								
Others (Specify)								

Remarks

Signature

Signature

Signature

**Name of Investigator
Phone**

**Name of Supervisor
Phone**

**Name of District level Officer
Phone**