



**Government of Meghalaya**

**REPORT ON INTEGRATED  
SAMPLE SURVEY  
FOR**

**ESTIMATION OF PRODUCTION  
MILK, EGG AND MEAT**

**YEAR: 2022-23.**



**DIRECTORATE OF ANIMAL HUSBANDRY & VETERINARY  
GOVERNMENT OF MEGHALAYA.**

## **PREFACE**

The Sample Survey for estimation of Major Livestock Products is conducted annually throughout the State. The objectives of the Survey are to estimate the production of Milk, Meat and Eggs in the State as well as in the District level. The availability of data on these products including other information on livestock is useful for the Animal Husbandry and Dairy Sector in the State and others.

This report deals with the result of the Survey conducted during the year 2020– 2021 showing production estimates for each season, the number of Livestock and Poultry population including the numbers of Livestock brought from outside the State for Meat. Besides, information of Livestock per Sq. Kms and per 100 Villages are shown in this report. This report provides a reliable data-base relating to the progress and achievement of different schemes of the Department that enables us to estimate the contribution to the livestock sector.

The result of the Survey indicates a growth rate of **3.56** % on Milk, **1.19** % on Egg and a decrease of **38.6** % on Meat over 2021-2022. A drastic increase in the production of Meat over the previous year might be due to the return of normalcy after the pandemic COVID-19 which has affected the normal situation not only in the state of Meghalaya but in the country as a whole.

I am sure that this publication will be of immense help, useful and instrumental to all concerned who are interested in the field of Animal Husbandry and Dairying Activities.

Sd/-  
**Dr. C.D.Sangma**  
**Director A.H. & Veterinary**  
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# CHAPTER - I

## GENERAL

**1.1 The State:** - Meghalaya is located in the North-Eastern part of India lying between the latitude of 25°47" and 26°10'North 89°45"East and 92°47" East longitude. The State is bounded on the North by Assam and on the South by Bangladesh and Assam again on the West. Physio graphically, the State is divided into three hills section, (a) Western Meghalaya or Garo Hills (b) Central Meghalaya or Khasi Hills and (c) Eastern Meghalaya or Jaintia Hills. The total area of the State covers about 22,429 Sq. km. The State is divided into Eleven Districts namely: (i) East Khasi Hills (ii) Ri-Bhoi (iii) West Khasi Hills (iv) South West Khasi Hills (v) East Jaintia Hills (vi) West Jaintia Hills (vii) North Garo Hills (viii) East Garo Hills (ix) West Garo Hills, (x) South West Garo Hills and (xi) South Garo Hills.

**1.2. Climate:** - The climate in Meghalaya is salubrious in general. The Northern and the Southern slopes including the Western Border are comparatively warmer in winter, the main reason being the lower altitudes. The four distinct seasons of the year are recognizable throughout the State. Springtime is generally associated with the germination of seeds as well as the growth of tender grass, leaves and flowers. Then come summer times, which is generally identified with rain and autumn with ripened and shedding of leaves from certain species of trees.

**1.3. Rainfall:** - Meghalaya had a distinct position in the world as far as rainfall is concerned. The entire State received rainfall during summer months only through the Southwest Monsoon. The rain usually falls by the month of May and continues right up to the end of September, and sometimes evens in the middle of October after which it gradually diminishes. Sohra and Mawsynram in the East Khasi Hills are geographically considered as the rainiest places in the World.

**1.4. Population and Area:** - The State has a total area of 22,429 Sq. Kms. and a population of 23.19 Lakhs as per the 2001 Census and 29.67 lakhs as per 2011 Census (Provisional). Percentage of Urban population is 19.63, and percentage of Literacy is 63.31. Table 1.2 below indicates the District Wise population both Rural and Urban. The Density per Sq. Km. in the State is 132 persons compared to 2001 Census with a density of 103 person and 1991 Census with 79 persons.

**Table 1.1: General Information as per 2011 census.**

Sl. No.	Name of District	No of Sub-Division	No. of Blocks / Taluks / Tehsils	Inhabited Villages 2011 Economics Census	Towns 2011
1.	East Khasi Hills	1	8	923	13
2.	Ri – Bhoi	-	3	579	2
3.	West Khasi Hills	2	6	1093	2
4.	Jaintia Hills	2	5	498	1
5.	East Garo Hills	1	5	1058	2
6.	West Garo Hills	2	8	1577	1
7.	South Garo Hills	-	4	731	1
	<b>State (Overall)</b>	8	39	6459	22

Source: Directorate of Economics & Statistics,  
Government of Meghalaya, Shillong.

**Table 1.2: Human Population (2011)**

Sl. No.	Name of District	Males	Females	Total	Urban Population	Rural Population	Scheduled Caste	Scheduled Tribe
1.	East Khasi Hills	410749	415173	825922	366481	459441	5642	661158
2.	Ri – Bhoi	132531	126309	258840	25253	233587	590	230081
3.	West Khasi Hills	193715	189746	383461	43105	340356	168	375097
4.	Jaintia Hills	196285	198839	395124	28430	366694	1317	376099
5.	East Garo Hills	161223	156694	317917	44192	273725	509	305180
6.	West Garo Hills	324159	319132	643291	74858	568433	8810	474009
7.	South Garo Hills	73170	69164	129203	13131	129203	319	134237
	<b>State (Overall)</b>	<b>1491832</b>	<b>1475057</b>	<b>2966889</b>	<b>595450</b>	<b>2371439</b>	<b>17355</b>	<b>2555861</b>

Source: Directorate of Economics & Statistics,  
Government of Meghalaya, Shillong.

**Table 1.3: Land Use Statistics (2007-2008 to 2011-2012)**

Hectares.						
Sl. No.	Particulars	2007-08	2008-2009	2009-2010	2010-2011	2011-12
1	2	3	4	5	6	7
	<b><u>Reporting Area for Land Utilisation Statistics.</u></b>	2227100	2227100	2228914	2234283	2240837
1.	Forest.	946247	948133	946318	946116	946089
2.	Not Available for Cultivation.	225870	225921	230525	236447	239194
3.	Other Uncultivated Land excluding Fallow Land.	554410	553444	555840	554532	555104
4.	Fallow Land.	217981	215453	213292	213309	215273
5.	Net Area Sown.	282592	284149	282939	283879	285177
6.	Area Sown more than once.	52176	53245	53477	53974	54040
	Total cropped Area.	334768	337394	336416	337853	339217

Source: Directorate of Economics & Statistics, Meghalaya.

**Table 1.4: Classification of Households possessing Bovine according to the size of the Unit during the Year 2022-23.**

Sl. No.	Name of District	Percentage of Bovines Keepers (Household)							Total
		0-1	2-5	6-10	11-15	16-20	21-25	26 and above	
1	2	3	4	5	6	7	8	9	10
1.	East Khasi Hills	8.33	25	29.17	16.67	4.17	4.17	12.5	100%
2.	Ri Bhoi	4.65	44.19	23.26	20.93	2.33	0	4.65	100%
3	West Khasi Hills	3.8	32.91	29.11	15.19	6.33	7.59	5.06	100%
4	South West Khasi Hills	6.9	27.59	17.24	20.69	20.69	0	6.9	100%
5	East Jaintia Hills	7.69	19.23	19.23	15.38	11.54	3.85	23.08	100%
6	West Jaintia Hills	11.11	19.44	22.22	11.11	16.67	11.11	8.33	100%
7	North Garo Hills	3.33	3.33	30	13.33	10	10	30	100%
8	East Garo Hills	2.22	35.56	28.89	8.89	11.11	4.44	8.89	100%
9	West Garo Hills	3.95	15.79	13.16	17.11	23.68	11.84	14.47	100%
10.	South West Garo Hills	2.27	9.09	20.45	6.82	25	9.09	27.27	100%
11	South Garo Hills	7.69	57.69	17.31	9.62	1.92	3.85	1.92	100%
	<b>Meghalaya</b>	<b>5.31</b>	<b>27.56</b>	<b>22.64</b>	<b>14.17</b>	<b>12.01</b>	<b>6.5</b>	<b>11.81</b>	<b>100%</b>



**Table 1.5 Area Sq.Km. with Density of Livestock Population per Sq.Kms.**

Sl. No.	Name of District	Area (Sq. Km) 2001	Density per Sq. Km						
			Indigenous Cattle	Crossbred Cattle	Buffaloes	Pig	Sheep	Goat	Poultry
1	2	3	4	5	6	7	8	9	10
1.	East Khasi Hills		26	5	1	50	3	30	206
2.	Ri Bhoi		10	4	2	11	0	9	174
3	West Khasi Hills		24	0	1	14	1	11	100
4	South West Khasi Hills		19	0	0	16	0	26	73
5	East Jaintia Hills		32	0	0	13	0	12	38
6	West Jaintia Hills		18	0	1	20	0	7	77
7	North Garo Hills		57	0	0	38	0	26	209
8	East Garo Hills		48	0	0	25	0	4	283
9	West Garo Hills		70	0	1	30	3	31	195
10	South West Garo Hills		134	0	6	43	1	73	243
11	South Garo Hills		39	0	0	24	0	28	155
	<b>Meghalaya</b>		<b>477</b>	<b>9</b>	<b>12</b>	<b>284</b>	<b>8</b>	<b>257</b>	<b>1753</b>

**Table 1.6 Density of Livestock Population per '100' Villages**

Sl. No.	Name of District	Indigenous Cattle	Crossbred Cattle	Buffaloes	Pig	Sheep	Goat	Poultry				Overall
								Fowls	Ducks	Improved	Desi	
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	East Khasi Hills	5994	1106	152	11471	639	6765	46771	168	5579	41360	47104
2.	Ri Bhoi	4425	1490	808	4756	2	3851	73230	157	20800	52587	73426
3	West Khasi Hills	11207	59	689	6763	384	5076	46989	14	3286	43717	47003
4	South West Khasi Hills	8666	112	68	7465	63	12126	33705	91	298	33498	33802
5	East Jaintia Hills	32633	322	480	12867	0	12316	37941	47	4121	33867	37988
6	West Jaintia Hills	10342	204	521	11419	2	4098	44472	335	6130	38677	44827
7	North Garo Hills	13376	42	3	7101	1	1013	42294	84	7783	34595	42407
8	East Garo Hills	10975	32	1	7331	3	4987	74790	22	1941	72871	74817
9	West Garo Hills	18886	129	334	8077	733	8407	51848	1008	2141	50715	52863
10.	South West Garo Hills	26680	32	1215	8530	193	14620	47559	858	1568	46849	48448
11	South Garo Hills	8635	5	0	5204	1	6128	34039	164	453	33750	34207
	<b>Meghalaya</b>	<b>151722</b>	<b>3533</b>	<b>4271</b>	<b>91022</b>	<b>2021</b>	<b>79628</b>	<b>533638</b>	<b>2948</b>	<b>54100</b>	<b>482486</b>	<b>536892</b>

## Chapter – 2

### Livestock Census Data 2007

**Table 2.1: Livestock Population (a) Cattle & Buffaloes.**

Sl. No.	Name of District	Cattle		Total Cattle	Buffalo	Total Bovine
		Crossbred	Indigenous			
1.	East Khasi Hills	8789	64485	73274	413	<b>73687</b>
2.	Ri – Bhoi	13188	69933	83121	3289	<b>86410</b>
3.	West Khasi Hills	982	114727	115709	2787	<b>118496</b>
4.	Jaintia Hills	1208	146289	147497	2224	<b>149721</b>
5.	East Garo Hills	211	157823	158034	1415	<b>159449</b>
6.	West Garo Hills	2344	260999	263343	11133	<b>274476</b>
7.	South Garo Hills	126	46139	46265	1366	<b>47631</b>
	<b>State (Overall)</b>	<b>26848</b>	<b>860395</b>	<b>887243</b>	<b>22627</b>	<b>909870</b>

**Table 2.1 Livestock Population (b) Sheep, Goats, Horses & Ponies.**

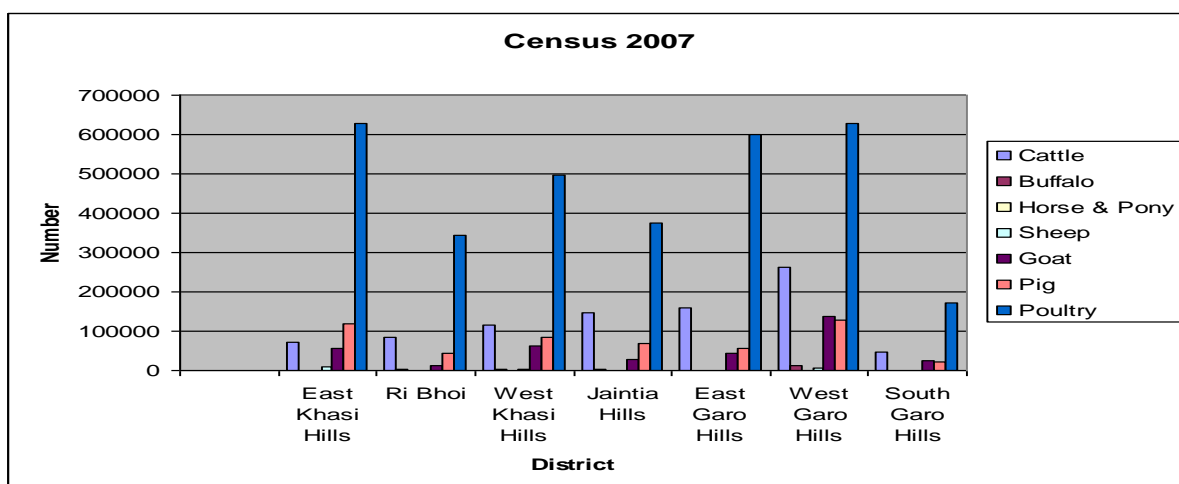
Sl. No.	Name of District	Sheep		Total Sheep	Total Goats	Total Horses & Ponies
		Crossbred	Indigenous			
1.	East Khasi Hills	3	8954	8957	56632	48
2.	Ri – Bhoi	-	116	116	13835	24
3.	West Khasi Hills	189	3327	3516	61786	1732
4.	Jaintia Hills	30	12	42	27005	33
5.	East Garo Hills	-	1260	1260	43652	0
6.	West Garo Hills	20	7129	7149	138468	864
7.	South Garo Hills	-	1	1	24105	0
	<b>State (Overall)</b>	<b>242</b>	<b>20799</b>	<b>21041</b>	<b>365483</b>	<b>2701</b>

**Table 2.1 (c) Pig Population & Livestock Population and Rabbit.**

Sl. No.	Name of District	Pigs		Total Pigs	Total Livestock	Total Rabbits
		Crossbred	Indigenous			
1.	East Khasi Hills	28671	90686	119357	258690	9
2.	Ri – Bhoi	4044	38426	42470	143599	744
3.	West Khasi Hills	9272	76438	85710	270482	85
4.	Jaintia Hills	13776	56432	70208	247013	4
5.	East Garo Hills	9466	46071	55537	259907	9
6.	West Garo Hills	2152	126194	128346	549868	565
7.	South Garo Hills	2776	19953	22729	94473	7
	<b>State (Overall)</b>	<b>70157</b>	<b>454200</b>	<b>524357</b>	<b>1824032</b>	<b>1423</b>

**Table 2.2: Poultry Population.**

SL No.	Name of Districts	Fowls			Ducks			Turk ey	Other Poultry Birds like Guineas , Fowls etc.	Grand Total
		Desi	Impro-ved	Total	Desi	Impro-ved	Total			
1.	East Khasi Hills	417099	53292	470391	4492	370	4862	-	-	<b>629036</b>
2.	Ri – Bhoi	312519	27422	339941	2739	1771	4510	12	-	<b>344451</b>
3.	West Khasi Hills	457059	37166	494225	2727	1285	4012	-	-	<b>498237</b>
4.	Jaintia Hills	329824	37479	367303	5704	1832	7536	-	-	<b>374839</b>
5.	East Garo Hills	505718	88695	594413	4671	659	5330	-	-	<b>599743</b>
6.	West Garo Hills	565964	25131	591095	36037	1904	37941	-	-	<b>629036</b>
7.	South Garo Hills	164816	4313	169129	2032	155	2187	-	9	<b>171316</b>
	<b>State (Overall)</b>	<b>2752999</b>	<b>273498</b>	<b>3026497</b>	<b>58402</b>	<b>7976</b>	<b>66378</b>	<b>12</b>	<b>9</b>	<b>3092896</b>



### Livestock Census Data 2012.

**Table 2.3 Livestock Population (a) Cattle & Buffaloes**

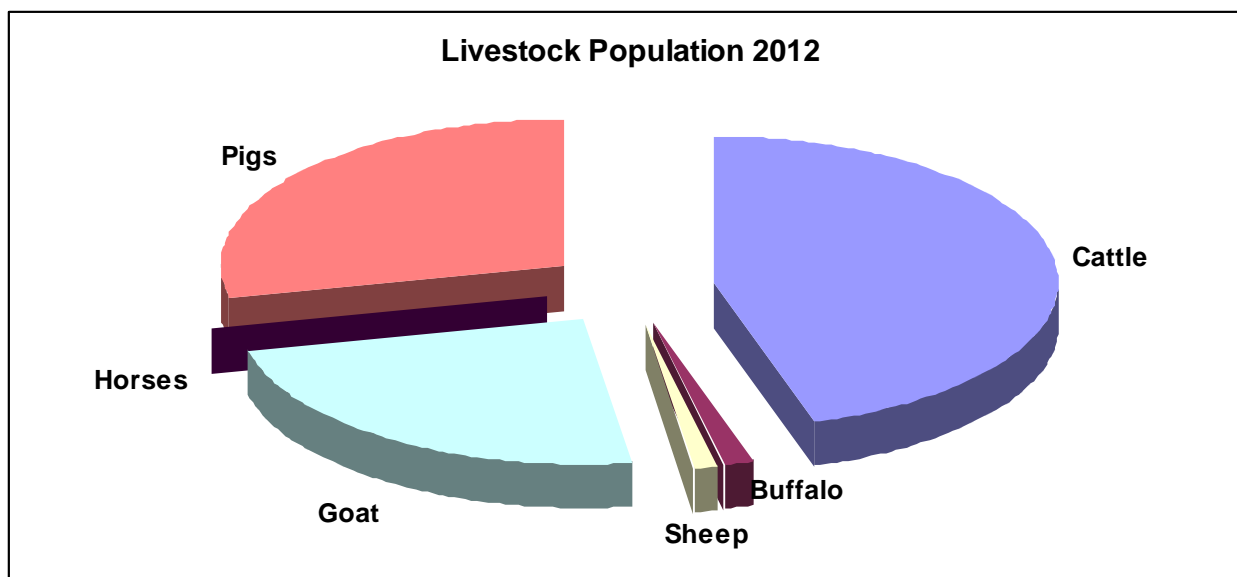
Sl. No.	Name of District	Cattle		Total Cattle	Buffalo	Total Bovine
		Crossbred	Indigenous			
1.	East Khasi Hills	12807	69410	82217	1756	83973
2.	Ri Bhoi	9295	27614	36909	5043	41952
3.	West Khasi Hills	498	95150	95648	5849	101497
4.	South West Khasi Hills	331	25652	25983	202	26185
5.	East Jaintia Hills	622	62981	63603	927	64530
6.	West Jaintia Hills	663	33610	34273	1692	35965
7.	North Garo Hills	241	76379	76620	18	76638
8.	East Garo Hills	196	66400	66596	8	66604
9.	West Garo Hills	1631	239283	240914	4233	245147
10.	South West Garo Hills	134	113390	113524	5164	118688
11.	South Garo Hills	40	69426	69466	2	69468
	<b>Meghalaya</b>	<b>26458</b>	<b>879295</b>	<b>905753</b>	<b>24894</b>	<b>930647</b>

**Table 2.3 Livestock Population (b) Sheep, Goats, Horses & Ponies.**

Sl. No.	Name of District	Sheep		Total Sheep	Total Goats	Total Horses & Ponies
		Crossbred	Indigenous			
1.	East Khasi Hills	364	7030	7394	78334	23
2.	Ri Bhoi	0	10	10	24033	7
3	West Khasi Hills	441	2820	3261	43097	1142
4	South West Khasi Hills	0	185	185	35892	67
5	East Jaintia Hills	0	0	0	23770	6
6	West Jaintia Hills	0	8	8	13317	25
7	North Garo Hills	0	8	8	5787	0
8	East Garo Hills	0	16	16	30172	15
9	West Garo Hills	0	9284	9284	106516	16
10.	South West Garo Hills	0	819	819	62135	0
11	South Garo Hills	0	6	6	49272	0
	<b>Meghalaya</b>	<b>805</b>	<b>20186</b>	<b>20991</b>	<b>472325</b>	<b>1301</b>

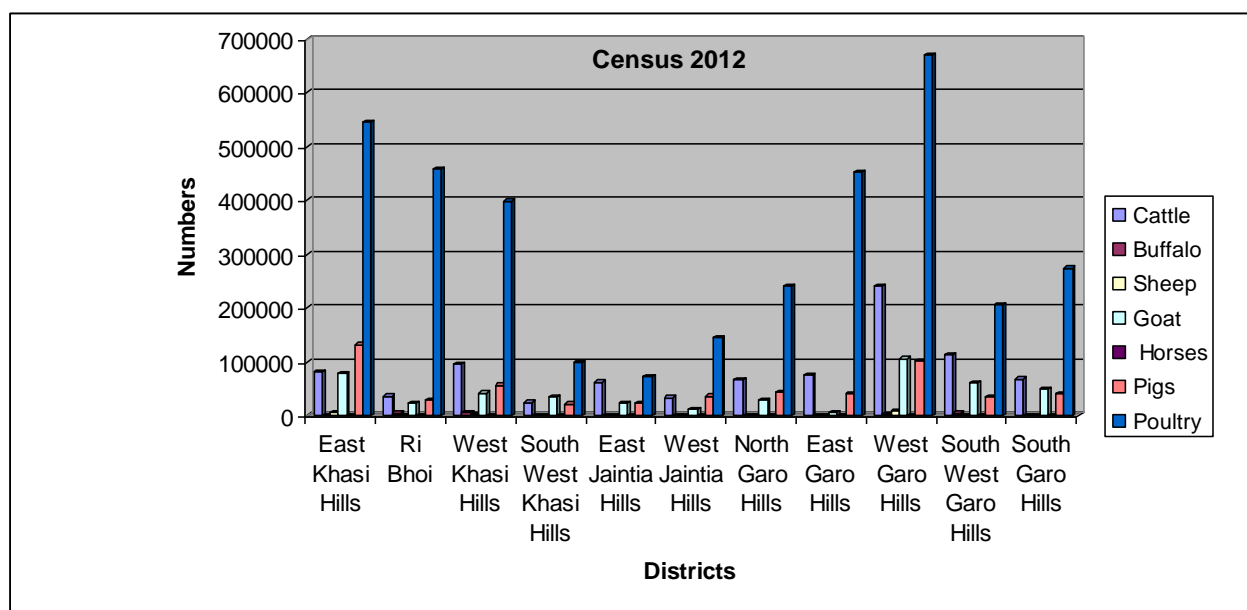
**Table 2.3 (c) Pig Population & Livestock Population, Dogs and Rabbit.**

Sl. No	Name of District	Pigs		Total Pigs	Total Livestock	Total Dogs	Total Rabbits
		Crossbred	Indigenous				
1.	East Khasi Hills	53818	79011	132829	302553	33221	231
2.	Ri Bhoi	12596	17082	29678	95680	18670	177
3	West Khasi Hills	14123	43296	57419	206416	19844	22
4	South West Khasi Hills	7333	14764	22097	84426	7523	0
5	East Jaintia Hills	7262	17572	24834	113140	5393	0
6	West Jaintia Hills	14368	22744	37112	86427	4059	13
7	North Garo Hills	6215	34331	40546	122979	32202	0
8	East Garo Hills	5547	38808	44355	141162	50589	0
9	West Garo Hills	6055	96283	102338	463301	49116	780
10	South West Garo Hills	921	35333	36254	217896	12414	10
11	South Garo Hills	9746	32093	41839	160585	23941	60
	<b>Meghalaya</b>	<b>137984</b>	<b>431317</b>	<b>569301</b>	<b>1994565</b>	<b>256972</b>	<b>1293</b>



**Table 2.4: Poultry Population.**

SL No	Name of Districts	Fowls			Ducks			Turkey	Other Poultry Birds like Guineas, Fowls etc.	Grand Total
		Desi	Improved	Total	Desi	Improved	Total			
1.	East Khasi Hills	477111	64502	541613	1840	106	1946	359	1541	545459
2.	Ri Bhoi	327182	129772	456954	960	21	981	76	167	458178
3.	West Khasi Hills	371054	27881	398935	102	16	118	0	0	399053
4.	South West Khasi Hills	98886	882	99768	268	0	268	19	0	100055
5.	East Jaintia Hills	65273	7953	73226	91	0	91	0	0	73317
6.	West Jaintia Hills	124838	19697	144535	862	226	1088	40	25	145688
7.	North Garo Hills	197113	44385	241498	423	58	481	0	167	242146
8.	East Garo Hills	440733	11744	452477	134	0	134	0	30	452641
9.	West Garo Hills	629866	27045	656911	12692	79	12771	2	96	669780
10.	South West Garo Hills	195467	6660	202127	3643	2	3645	0	133	205905
11.	South Garo Hills	270036	3636	273672	1316	6	1322	2	26	275022
	<b>Meghalaya</b>	<b>3197559</b>	<b>344157</b>	<b>3541716</b>	<b>22331</b>	<b>514</b>	<b>22845</b>	<b>498</b>	<b>2185</b>	<b>3567244</b>





## Livestock Census Data 2019.

**Table 2.5 Livestock Population (a) Cattle & Buffaloes**

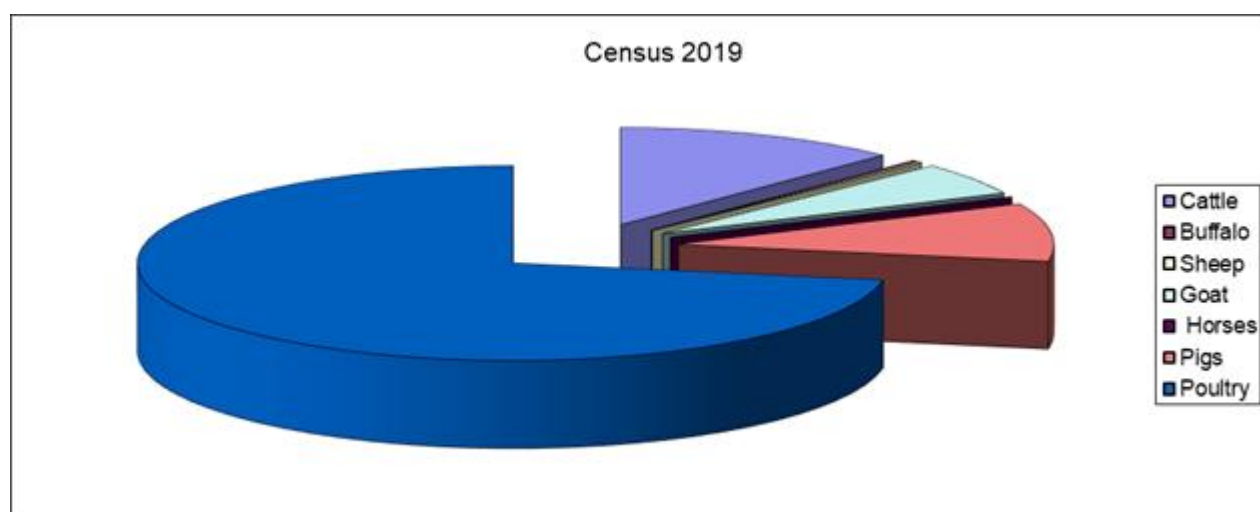
Sl. No.	Name of District	Cattle		Total Cattle	Buffalo	Total Bovine
		Crossbred	Indigenous			
1.	East Khasi Hills	14550	63359	77909	779	78688
2.	Ri Bhoi	16468	38094	54562	4259	58821
3	West Khasi Hills	213	78240	78453	3779	82232
4	South West Khasi Hills		32732	32732	1920	34652
5	East Jaintia Hills	965	54649	55614	1124	56738
6	West Jaintia Hills	184	57438	57622	1706	59328
7	North Garo Hills	22	72653	72675	20	72695
8	East Garo Hills	76	77196	77272	-	77272
9	West Garo Hills	913	222108	223021	937	223958
10.	South West Garo Hills	14	99010	99024	1187	100211
11	South Garo Hills		74686	74686	3	74689
	<b>Meghalaya</b>	<b>33405</b>	<b>870165</b>	<b>903570</b>	<b>15714</b>	<b>919284</b>

**Table 2.5 Livestock Population (b) Sheep, Goats, Horses & Ponies.**

Sl. No.	Name of District	Sheep		Total Sheep	Total Goats	Total Horses & Ponies
		Crossbred	Indigenous			
1.	East Khasi Hills	41	1891	1932	58783	2
2.	Ri Bhoi	0	13	13	14629	14
3	West Khasi Hills	6	1463	1469	35356	334
4	South West Khasi Hills	0	25	25	36470	162
5	East Jaintia Hills	0	0	0	10170	0
6	West Jaintia Hills	50	0	50	14042	1
7	North Garo Hills	0	7	7	2745	0
8	East Garo Hills	0	0	0	37889	0
9	West Garo Hills	2	10687	10689	94962	15
10.	South West Garo Hills	0	1474	1474	58297	2
11	South Garo Hills	0	20	20	34160	3
	<b>Meghalaya</b>	<b>99</b>	<b>15580</b>	<b>15679</b>	<b>397503</b>	<b>533</b>

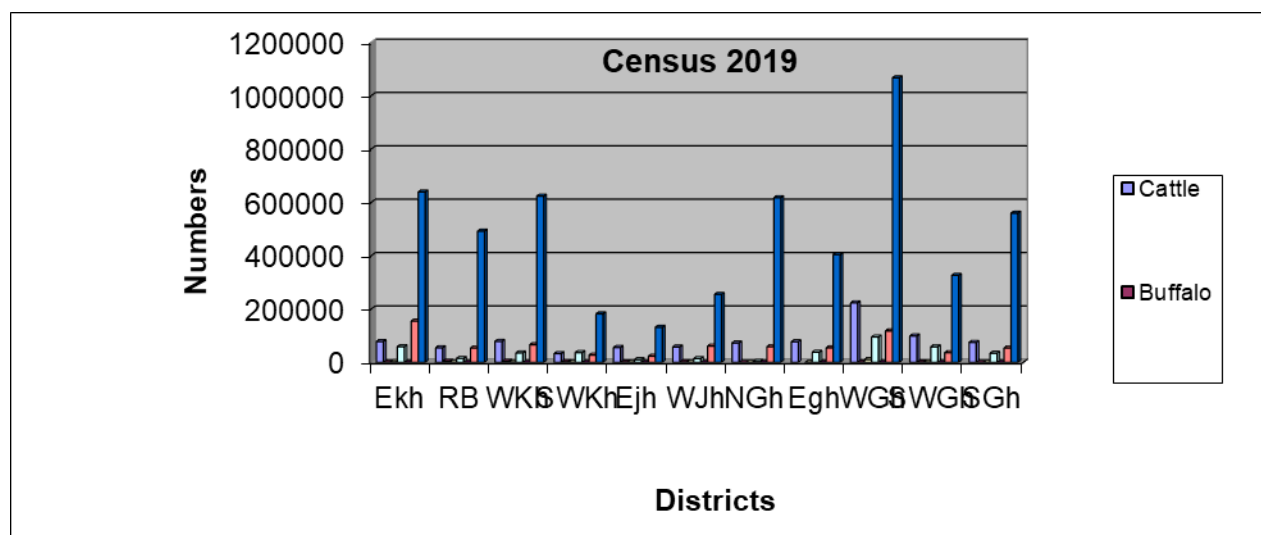
**Table 2.5 (c) Pig Population & Livestock Population, Dogs and Rabbit.**

Sl. No	Name of District	Pigs		Total Pigs	Total Livestock	Total Dogs	Total Rabbits
		Crossbred	Indigenous				
1.	East Khasi Hills	94375	60412	154787	294192	27498	285
2.	Ri Bhoi	50282	3397	53679	127156	3702	526
3	West Khasi Hills	53487	12529	66016	185407	21745	0
4	South West Khasi Hills	447	26650	27097	98406	43540	0
5	East Jaintia Hills	15906	7196	23102	90010	16287	4
6	West Jaintia Hills	37887	23003	60890	134311	32378	33
7	North Garo Hills	9525	49033	58558	134005	16483	41
8	East Garo Hills	7982	46672	54654	169815	7497	148
9	West Garo Hills	3108	114571	117679	447303	55956	587
10	South West Garo Hills	278	35871	36149	196133	6821	0
11	South Garo Hills	2776	50977	53753	162625	18386	100
	<b>Meghalaya</b>	<b>276053</b>	<b>430311</b>	<b>706364</b>	<b>2039363</b>	<b>250293</b>	<b>1724</b>



**Table 2.5: Poultry Population.**

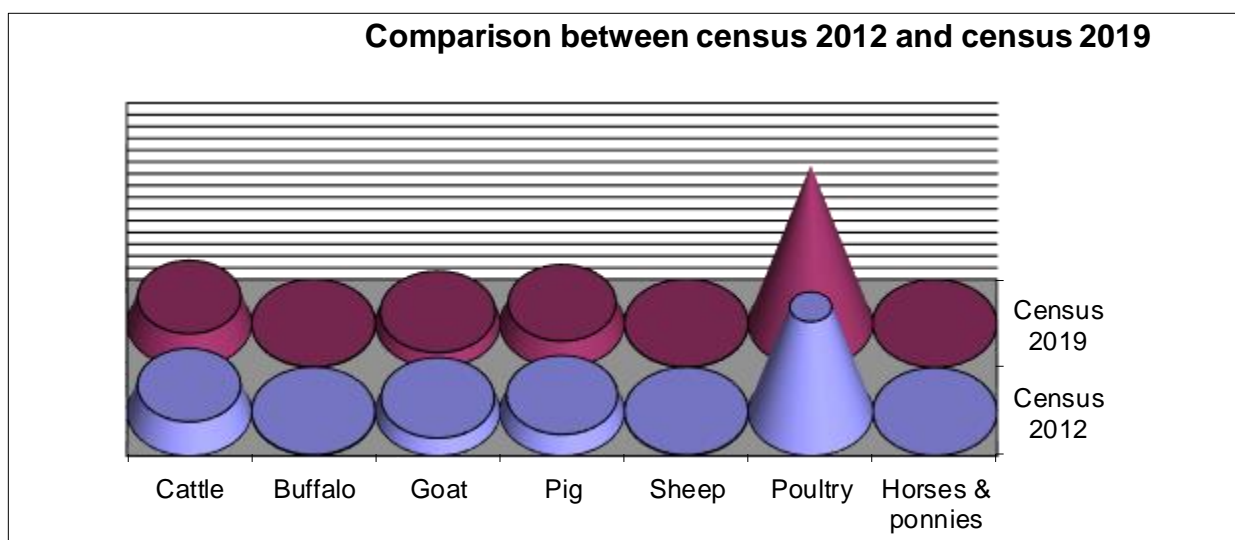
SL No	Name of Districts	Fowls			Ducks			Other Poultry Birds like Guineas, Fowls etc.	Grand Total
		Desi	Impro-ved	Total	Desi	Impro-ved	Total		
1.	East Khasi Hills	597787	35734	633521	2669	629	3298	0	636819
2.	Ri Bhoi	430070	60545	490615	1120	250	1370	0	491985
3.	West Khasi Hills	569711	53414	623125	0	40	40	0	623165
4.	South West Khasi Hills	180115	1488	181603	338	8	346	13	181962
5.	East Jaintia Hills	125554	5192	130746	541	11	552	0	131298
6.	West Jaintia Hills	241578	12085	253663	510	400	910	0	254573
7.	North Garo Hills	613537	2674	616211	771	10	781	0	616992
8.	East Garo Hills	390119	12751	402870	979	62	1041	0	403911
9.	West Garo Hills	101779 2	3816	1021608	38505	6715	45220	240	1067068
10.	South West Garo Hills	300857	18846	319703	5305	1163	6468	0	326171
11.	South Garo Hills	555032	3752	558784	393	54	447	12	559243
	<b>Meghalaya</b>	<b>3197559</b>	<b>344157</b>	<b>5232449</b>	<b>22331</b>	<b>9342</b>	<b>60473</b>	<b>265</b>	<b>5293187</b>



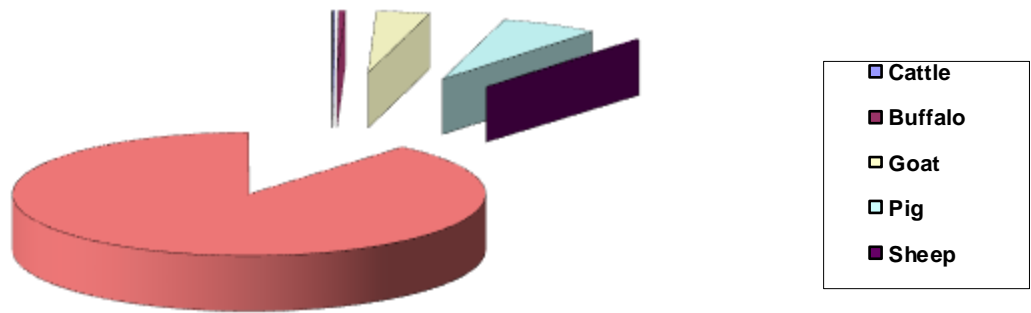
**TABLE – 2.5: LIVESTOCK POPULATION: (as per 2012 & 2019 Census)**

**and Growth Rate as compared to 2012 Census**

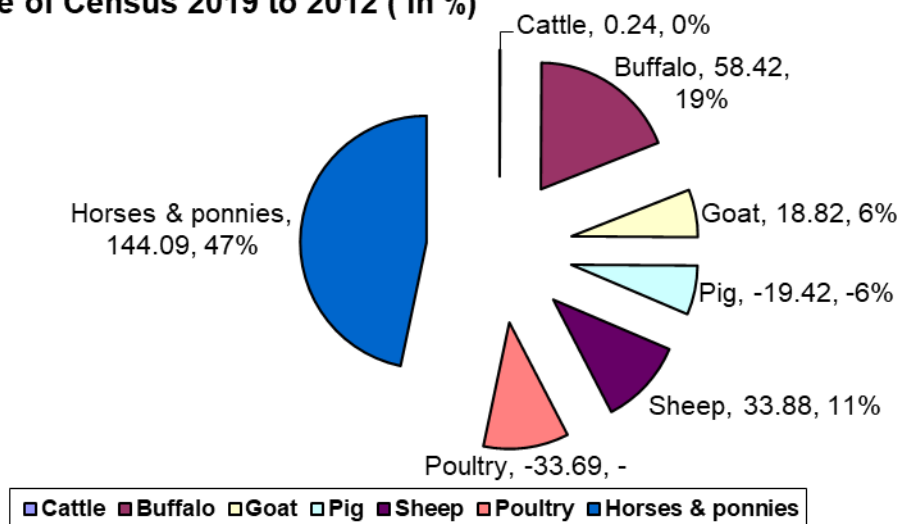
Species	Breed	LC 2012	LC 2019	% Change from last census
Cattle	Indigenous	879295	870165	-1.04%
	Crossbred	26458	33405	26.26%
	Buffalo	24894	15714	-36.88%
		930647	919284	-1.22%
Pig	Indigenous	431317	430311	-0.23%
	Crossbred	137894	276053	100.19%
		569211	706364	24.1%
Sheep	Indigenous	20186	15580	-22.82%
	Crossbred	805	99	-87.7%
		20991	15679	-25.31%
Goat		472325	397503	-15.84%
Horses & Ponnies		1301	273	-79.02%
Poultry (Backyard & Farms)	Desi Fowl	31,97,559	50,43,633	57.73%
	Improved Fowl	3,44,157	2,74,904	-20.12%
		35,41,716	53,18,537	50.17%
	Desi Duck	22331		
	Improved Duck	514		
		22845	60577	165.17%
	Other Poultry	2683	251	-90.64%
Total Poultry		35,67,244	53,79,365	50.799
Total Horses & Ponnies		1301	533	-59.032



### Growth Rate of Census 2019 to 2012 (Nos)



### Growth Rate of Census 2019 to 2012 ( in % )



## Chapter –3

### ANALYSIS OF THE INTEGRATED SAMPLE SURVEY RESULTS FOR THE YEAR

#### **3.1. - Integrated Sample Survey- Genesis and its usefulness.**

Integrated Sample Survey for estimation of Major Livestock Products was first conducted during the year 1983-84. Prior to this period, the basic data for planning and formulation of Schemes for economic developments on scientific lines both in A.H. & Dairying was the census figures only, but the census figures give the information only the Livestock numbers at five years intervals as no information was collected therein on Livestock Production and other aspects of Livestock economy. The census is inadequate to provide timely and available data on the Livestock numbers and products. The importance of availability of Livestock production data which is badly needed for formulating Livestock Development Programmes at all levels has activate the State Animal Husbandry & Veterinary Department to take initiative steps in conducting Sample Survey on the basis of the Methodology evolved by the Indian Agricultural Statistics Research Institute as per the recommendation of the Government of India, Ministry of Agriculture, Department of Animal Husbandry & Dairying.

For establishing & strengthening of Statistical Wing in the Directorate of Animal Husbandry in various States and Union Territories for the purpose of conducting Sample Survey for Estimation of Major Livestock Products and for carrying out other Statistical activities, the Government of India initiated a Centrally Sponsored Schemes during the Fifth Five Year Plan on a 50:50 sharing basis between the States and the Center. However, from the year 2013-14 onward the Scheme was converted to a Central Sector Scheme and the Central share was increased to 90 % thereby making it to 90:10 basis.

With the financial help and technical advice and guidance through training programmes based as per prescribed Methodology formulated by the Ministry of Agriculture, Department of Animal Husbandry & Dairying an actual production estimate of Milk, Meat & Egg, etc could be arrived at. The result of the Survey data could be published every year, which provides basic information on the actual production level. The availability of current level estimates has become a source of data base information in the State Animal Husbandry Sector for planning and formulating development programmes.

**3.2. Coverage of the Survey:** - The Survey covered the entire urban and rural areas of all the Districts of the State.

**3.3. Period of Survey:** - **The year is divided into three seasons for Field Work as detailed below.**

- |                   |   |                      |
|-------------------|---|----------------------|
| 1. Summer Season  | : | March – June.        |
| 2. Monsoon Season | : | July – October.      |
| 3. Winter Season  | : | November – February. |

### **3.4. Methodology / Sampling Plan. :-**

The Methodology was revised on 2012 and again on 2015 where survey has to be done divided in two sub-samples in a season wherein the results is derived from the pooled estimates of the two sub-samples. The Sampling Plan approved by the Technical Committee of Direction (TCD) was as follows: -

The Animal Husbandry Districts in the State would be the strata, Primary Stage unit of Sampling would be villages and the household possessing Livestock / Poultry form the second stage unit. The ultimate units for recording Milk / Wool Yield would be animal in Milk / Sheep whereas no Sub- Sampling in a household would be done for recording the production of eggs and meat.

For estimating the numbers of Livestock and Poultry, complete enumeration of household's along with Bovines, Sheep and Poultry is taken would be done in a Sample of 15% Villages in the State. The allocation of the Sample of Villages to strata would be done in proportion to the Livestock and Poultry population in them as per latest Livestock Census. Each District / Stratum would be further Sub-divided into two or three Sub-strata according to the intensity of Livestock and Poultry population and the Sample of villages in the stratum as per allocation mentioned above further allocated to them sub-strata proportionally. For recording data on yield of Milk, Wool, Eggs and Meat and attendant Livestock Practices, a sub-sample of 5 villages out of that has been enumerated would be selected with equal probability and without replacement. These villages would again be suitable allocated to the different sub-strata form as mentioned above, from each of the selected villages, the numbers of second stage units to be selected for studying different products would be as follows: -

**Milk:** - {1- 4<sup>th</sup> Round (Month)} 1(One) Clusters of 2 households each, **Eggs-** {1- 4<sup>th</sup> Round (Month)} 2 clusters of 5 households each and meat all households and Butcher shops in the selected villages/ wards for the sample. The data on Wool Yield will be collected from 8 households fixed for every round. For estimating the numbers of animals slaughtered all the butchers in the selected villages will be covered. The data from the households and butchers will be supplemented by similar data from registered slaughterhouses, for which complete record are available.

The ultimate units of Sampling for recording detailed information will be 2 animals in milk (Cows, buffaloes or both) for estimation of Milk production and 2 rams (or 1 ram and 1 weather) 2 ewes and 2 lambs for recording Wool production whereas no Sub-Sampling within a household would be done in the cases of eggs and meat. Information for estimating Meat yield & production per animal would be recorded from a Sample of 2 young and 2 adults' animals of each category in case of cattle & buffalo and 3 animals of each species Viz. Sheep, Goat, Pigs and Buffaloes.

### **3.5. Machinery in the Survey along with staff position.**

The complete enumerations of Livestock and Poultry in the 15 % villages are carried out by the departmental staff of Animal Husbandry and Veterinary located close to the selected villages. The information are collected in prescribed schedules I and II and passed out to the Statistical section in the



State Directorate of Animal Husbandry thereof in respective District & Sub-Divisional A.H. & Veterinary Officers.

The collection of data on Yield and other related items are taken up by the Field staff of Statistical Wing of the Directorate and the information are collected and recorded in relevant Schedules.

**Regarding Staff Position:** -

The Statistical Wing consists of The Joint Director (Stats.) who is the implementing Officer of the Sample Survey Scheme the Deputy Director (Stats), the Research Officer, the Statistical Officer, the Inspector Statistics, the Statistical Assistants, the Computer Operator, the Enumerators, the Senior Veterinary Assistants and some ministerial staff.

**3.6. Schedule Prescribed in the Survey.**

1. Village Schedule –I – General Information about the Village.
2. Village Schedule – II – Complete enumeration regarding the numbers of Household in the Selected Villages, the numbers of Cattle, both Cross Bred and Indigenous, Buffaloes, Sheep, Goat, Pigs, Poultry and Numbers of Animals slaughtered.

**3.7. Types of Data collected.**

The details of data collected as mentioned above in each schedules include recording of Milk, Yield of the selected animals, Feed consumption of Bovines, particulars such as breed, number of lactation's completed, production and disposal of milk and milk products, production and disposal of Dung and study of bovines practices, production purchased and disposal of eggs during last twenty four hours feed supplied to poultry birds, diseases, death and disposal during the last one month and breed composition etc. and study of poultry practices. Numbers of animals slaughtered according to species, breed and age on the day of visit, live weight and carcass weight after slaughter in the case of meat production.

**3.8. Schedule L.P.S. – 1.2: Detailed of Milk Production.**

The information in the Schedule is (i) identification of selected household in the Sub-Sample of the villages (ii) Details of feed consumption on the day of visit (iii) Milk Yield of individual animals on the day of visit and details of utilization of milk (total production) on the previous day.

**3.9. Schedule L.P.S. 2.1: -**

Details of egg production and attendant practices in selected household, i.e., production purchased and disposal of egg, feed supply etc.

**3.10. Schedule Form III: -**

Detail of Meat production.

**Table 3.11: Summary results**

Sl. No.	Items	Unit	Estimates Previous Year 2021-22	Estimate Current Year 2022-23	% of Increase or Decrease over previous Year
I	<b>Milk</b>				
	<b>Indigenous Cows</b>				
	<b>Population</b>				
A	In Milk	00 No.	1251	1271	1.6%
B	Milch	00 No.	2429	2451	0.91%
	<b>Yield per Day</b>				
C	In Milk	Kgs.	0.788	0.79	0.25%
D	Milch	Kgs.	0.405	0.409	0.99%
E	Production	000 tonnes	35.97	36.652	1.9%
	<b>Crossbred Cows</b>				
	<b>Population</b>				
F	In Milk	00 Nos.	162	166	2.47%
G	Milch	00 Nos.	188	192	2.13%
	<b>Yield per day</b>				
H	In Milk	Kgs.	8.993	9.191	2.2%
I	Milch	Kgs.	7.747	7.93	2.36%
J	Production	000 tonnes	53.365	55.829	4.62%

**Table 3.11 – contd.**

Sl No.	Items	Unit	Estimates Previous Year 2021-22	Estimate Current Year 2022-23	% of Increase or Decrease over previous Year
	<b>Buffalo Population</b>				
K	In Milk	00 No.	13	14	7.69%
L	Milch	00 No.	25	26	4%
	<b>Yield per Day</b>				
M	In Milk	Kgs.	1.85	1.85	0%
N	Milch	Kgs.	0.959	1.006	4.9%
O	Production	000 tonnes	0.881	0.943	7.04%
	<b>Goat Production</b>				
P	In Milk	00 No.			
Q	Milch	00 No.			
	<b>Yield per Day</b>				
R	In Milk	Kgs.			
S	Milch	Kgs.			
T	Production	000 tonnes			
	<b>Total Milk Production</b>	000 tonnes	90.214	93.424	3.56%
II	<b>Egg Production</b>				
	<b>Layers</b>				
U	Desi	00 No.	9193	9315	1.33%
V	Improved	00 No.	713	707	-0.84%
W	<b>Total</b>	00 No.	9906	10022	1.17%
	<b>Yield per layer per year</b>				
X	Desi	No.	105	105	0%
Y	Improved	No.	215	215	0%
	<b>Production</b>				
Z	Desi	Lakhs Nos.	961.61	975.84	1.48%
Aa	Improved	“	153.04	152.11	-0.61%
Ab	<b>Total</b>	“	1114.65	1127.95	1.19%

**Table 3.12 Annual Report on Sample Surveys to estimate production of Livestock products.  
State: - Meghalaya.  
2022-2023**

Sl. No.	Items	Summer	Monsoon	Winter	Annual (Over-all)
1. (a)	Total No. of District in the State.	11	11	11	11
1. (b)	Strata formed for District levels Estimates.				
2. (a)	Total No. of Villages in the State (inhabited)	7117	7117	7117	7117
2. (b)	No. of villages covered for detailed study.	110	110	110	330
2. ©	No. of villages covered for detailed study.				
	i) for Milk	110	110	110	330
	ii) for Egg	110	110	110	330
3.(a)	Total No. of households in the State. (2012 Census) Lakhs Nos.				
3. (b)	Percentage of Households keeping: -				
	i) Bovine	38.07	34.2	31.77	34.9
	ii) Poultry	72.92	73.08	79.29	74.94
	iii) Sheep	0.57	0.02	0.31	0.32
	iv) Goat	7.9	10.05	7.97	8.6
	v) Pig	45.71	49.68	48.54	47.84
4. (a)	No. of households covered for Milk production (Cow, Buffalo and Goat)	552	572	580	1704
4. (b)	No. of animals observed for milk production				
	i) Cow in Milk.	1208	1156	1103	3467
	ii) Buffalo in Milk.	66	72	58	196
	iii) Goat in Milk.	0	0	0	0
5. (a)	No. of Households observed for egg production.	1147	1209	1478	3834
5. (b)	No. of Layers observed.				
	i) Desi & Improved	7585	7122	8059	22766
	.				

**Table 3.12 – Contd.**

Sl. No.	Items	Summer	Monsoon	Winter	Annual (Overall)
6. (a)	Estimated No. of Animals Slaughtered. '000' Nos.				
	i) Cattle	99.64	99.81	99.03	298.48
	ii) Buffalo	1.65	1.90	1.71	5.26
	iii) Sheep & Goat	125.46	143.11	115.55	384.12
	iv) Pig	37.75	51.22	49.43	138.40
	v) Poultry	824.17	1019.70	903.10	2746.97

**Table 3.13: District-wise Number of Villages selected for complete enumeration during the year 2022-23.**

Sl. No.	Name of District	Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	28	29	30	87
2.	Ri Bhoi	19	19	21	59
3	West Khasi Hills	29	30	30	89
4	South West Khasi Hills	15	15	15	45
5	East Jaintia Hills	13	13	14	40
6	West Jaintia Hills	19	19	19	57
7	North Garo Hills	21	21	23	65
8	East Garo Hills	20	20	22	62
9	West Garo Hills	29	30	31	90
10.	South West Garo Hills	16	16	16	48
11	South Garo Hills	24	24	25	73
	<b>State (Overall)</b>	<b>233</b>	<b>236</b>	<b>246</b>	<b>715</b>

**Chapter – 4**  
**District-wise & Season-wise Estimates**  
**Milk Production**  
**2022-2023**

**Table 4.1(a): Estimated Number of Productive Cows. (Indigenous)**

Sl. No.	Name of Districts	Cows In Milk			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	11948	6991	8212	9050
2.	Ri Bhoi	4779	5154	7338	5757
3	West Khasi Hills	15287	14540	16092	15306
4	South West Khasi Hills	4692	6201	6712	5868
5	East Jaintia Hills	6007	9235	12313	9185
6	West Jaintia Hills	3563	4953	2225	3580
7	North Garo Hills	10489	10107	14149	11582
8	East Garo Hills	8906	9556	10531	9664
9	West Garo Hills	35328	35328	30912	33856
10.	South West Garo Hills	15726	15150	15479	15452
11	South Garo Hills	7806	7989	7562	7786
	<b>Meghalaya</b>	<b>124531</b>	<b>125204</b>	<b>131525</b>	<b>127086</b>

**Table 4.1 (b): Estimated Number of Productive Cows. (Indigenous)**

Sl. No.	Name of Districts	Dry Cows			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	5145	5196	5222	5188
2.	Ri Bhoi	5075	5106	5136	5106
3	West Khasi Hills	9309	9396	9440	9382
4	South West Khasi Hills	3557	3588	3634	3593
5	East Jaintia Hills	5657	5656	5730	5681
6	West Jaintia Hills	6558	6607	6754	6640
7	North Garo Hills	8142	7952	7888	7994
8	East Garo Hills	10463	10052	10189	10235
9	West Garo Hills	31080	30803	30803	30895
10.	South West Garo Hills	18469	18962	19367	18933
11	South Garo Hills	14251	14302	14606	14386
	<b>Meghalaya</b>	<b>117706</b>	<b>117620</b>	<b>118769</b>	<b>118033</b>

**Table 4.1(c): Estimated Number of Productive Cows. (Indigenous)**

Sl. No.	Name of Districts	Milch Cows			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	17093	12187	13434	14238
2.	Ri Bhoi	9854	10260	12474	10863
3	West Khasi Hills	24596	23936	25532	24688
4	South West Khasi Hills	8249	9789	10346	9461
5	East Jaintia Hills	11664	14891	18043	14866
6	West Jaintia Hills	10121	11560	8979	10220
7	North Garo Hills	18631	18059	22037	19576
8	East Garo Hills	19369	19608	20720	19899
9	West Garo Hills	66408	66131	61715	64751
10.	South West Garo Hills	34195	34112	34846	34384
11	South Garo Hills	22057	22291	22168	22172
	<b>Meghalaya</b>	<b>242237</b>	<b>242824</b>	<b>250294</b>	<b>245118</b>

**Table 4.2 (a): Estimated Number of Productive Cows. (Crossbred)**

Sl. No.	Name of Districts	Cows In Milk			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	7015	7453	9171	7880
2.	Ri Bhoi	8171	8524	7054	7916
3	West Khasi Hills	63	67	66	65
4	South West Khasi Hills	0	0	0	0
5	East Jaintia Hills	258	79	251	196
6	West Jaintia Hills	108	121	124	118
7	North Garo Hills	11	11	12	11
8	East Garo Hills	35	56	53	48
9	West Garo Hills	703	691	601	665
10.	South West Garo Hills	26	29	29	28
11	South Garo Hills	0	0	0	0
	<b>Meghalaya</b>	<b>16390</b>	<b>17031</b>	<b>17361</b>	<b>16927</b>

**Table 4.2 (b): Estimated Number of Productive Cows (Crossbred)**

Sl. No.	Name of Districts	Dry Cows			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	1415	1390	1378	1394
2.	Ri Bhoi	1037	967	931	978
3	West Khasi Hills	23	24	25	24
4	South West Khasi Hills	0	0	0	0
5	East Jaintia Hills	182	176	182	180
6	West Jaintia Hills	16	16	15	16
7	North Garo Hills	0	0	0	0
8	East Garo Hills	3	3	2	3
9	West Garo Hills	42	45	45	44
10.	South West Garo Hills	0	0	0	0
11	South Garo Hills	0	0	0	0
	<b>Meghalaya</b>	<b>2718</b>	<b>2621</b>	<b>2578</b>	<b>2639</b>



**Table 4.2 ©: Estimated Number of Productive Cows (Crossbred)**

Sl. No.	Name of Districts	Milch Cows			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	8430	8843	10549	9274
2.	Ri Bhoi	9208	9491	7985	8895
3	West Khasi Hills	86	91	91	89
4	South West Khasi Hills	0	0	0	0
5	East Jaintia Hills	440	255	433	376
6	West Jaintia Hills	124	137	139	133
7	North Garo Hills	11	11	12	11
8	East Garo Hills	38	59	55	51
9	West Garo Hills	745	736	646	709
10.	South West Garo Hills	26	29	29	28
11	South Garo Hills	0	0	0	0
	<b>Meghalaya</b>	<b>19108</b>	<b>19652</b>	<b>19939</b>	<b>19566</b>

**Table 4.3 (a): Estimated Number of Productive Buffaloes.**

Sl. No.	Name of Districts	In Milk			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	69	84	56	69
2.	Ri Bhoi	350	338	226	305
3	West Khasi Hills	123	136	192	150
4	South West Khasi Hills	217	239	212	223
5	East Jaintia Hills	41	57	95	64
6	West Jaintia Hills	18	27	33	26
7	North Garo Hills	0	0	0	0
8	East Garo Hills	0	0	0	0
9	West Garo Hills	216	271	132	206
10.	South West Garo Hills	270	443	333	348
11	South Garo Hills	0	0	0	0
	<b>Meghalaya</b>	<b>1304</b>	<b>1593</b>	<b>1277</b>	<b>1391</b>

**Table 4.3 (b): Estimated Number of Productive Buffaloes.**

Sl. No.	Name of Districts	Dry			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	63	59	59	60
2.	Ri Bhoi	187	190	188	188
3	West Khasi Hills	170	171	168	170
4	South West Khasi Hills	248	252	240	247
5	East Jaintia Hills	56	57	57	57
6	West Jaintia Hills	53	54	54	54
7	North Garo Hills	0	0	0	0
8	East Garo Hills	0	0	0	0
9	West Garo Hills	129	128	131	129
10.	South West Garo Hills	271	274	273	273
11	South Garo Hills	0	0	0	0
	<b>Meghalaya</b>	<b>1177</b>	<b>1185</b>	<b>1170</b>	<b>1178</b>

**Table 4.3 ©: Estimated Number of Productive Buffaloes.**

Sl. No.	Name of Districts	Milch			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	132	143	114.5	129
2.	Ri Bhoi	537	528	414	493
3	West Khasi Hills	293	307	359.5	320
4	South West Khasi Hills	465	491	452	470
5	East Jaintia Hills	97	114	152	121
6	West Jaintia Hills	71	81	86.5	80
7	North Garo Hills	0	0	0	0
8	East Garo Hills	0	0	0	0
9	West Garo Hills	345	399	263	335
10.	South West Garo Hills	541	717	605.5	621
11	South Garo Hills	0	0	0	0
	<b>Meghalaya</b>	<b>2481</b>	<b>2778</b>	<b>2447</b>	<b>2569</b>

**Table 4.4 (a): Estimated Milk Yield per day per animal (Kg.) Indigenous Cows.**

Sl. No.	Name of Districts	In Milk			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	0.960	0.930	0.960	0.952
2.	Ri Bhoi	1.010	1.050	0.980	1.008
3	West Khasi Hills	0.850	0.840	0.860	0.85
4	South West Khasi Hills	0.820	0.830	0.800	0.816
5	East Jaintia Hills	0.750	0.750	0.790	0.766
6	West Jaintia Hills	0.740	0.770	0.770	0.762
7	North Garo Hills	0.720	0.760	0.750	0.743
8	East Garo Hills	0.730	0.750	0.760	0.747
9	West Garo Hills	0.740	0.760	0.750	0.75
10.	South West Garo Hills	0.740	0.740	0.750	0.743
11	South Garo Hills	0.720	0.740	0.750	0.737
	<b>Meghalaya</b>	<b>0.785</b>	<b>0.789</b>	<b>0.797</b>	<b>0.790</b>

**Table 4.4 (b): Estimated Milk Yield per day per animal (Kg.) Indigenous Cows.**

Sl. No.	Name of Districts	Milch Cows			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	0.671	0.533	0.587	0.605
2.	Ri Bhoi	0.490	0.527	0.576	0.534
3	West Khasi Hills	0.528	0.51	0.542	0.527
4	South West Khasi Hills	0.466	0.526	0.519	0.506
5	East Jaintia Hills	0.386	0.465	0.539	0.473
6	West Jaintia Hills	0.261	0.33	0.191	0.267
7	North Garo Hills	0.405	0.425	0.482	0.440
8	East Garo Hills	0.336	0.366	0.386	0.363
9	West Garo Hills	0.394	0.406	0.376	0.392
10.	South West Garo Hills	0.340	0.329	0.333	0.334
11	South Garo Hills	0.255	0.265	0.256	0.259
	<b>Meghalaya</b>	<b>0.403</b>	<b>0.407</b>	<b>0.419</b>	<b>0.409</b>

**Table 4.5 (a): Estimated Milk Yield per day per animal (Kg.) Crossbred Cows.**

Sl. No.	Name of Districts	Cows In Milk			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	9.050	9.080	8.990	9.026
2.	Ri Bhoi	9.120	9.100	9.060	9.103
3	West Khasi Hills	8.450	8.450	8.450	8.493
4	South West Khasi Hills	0.000	0.000	0.000	0.000
5	East Jaintia Hills	8.830	8.830	8.860	8.815
6	West Jaintia Hills	8.830	8.840	8.850	8.801
7	North Garo Hills	8.750	8.740	8.760	9.012
8	East Garo Hills	8.730	8.750	8.750	8.684
9	West Garo Hills	8.520	8.660	8.510	8.567
10.	South West Garo Hills	8.460	8.650	8.460	8.473
11	South Garo Hills	0.000	0.000	0.000	0
	<b>Meghalaya</b>	<b>9.052</b>	<b>9.065</b>	<b>8.920</b>	<b>9.011</b>

**Table 4.5 (b): Estimated Milk Yield per day per animal (Kg.) Crossbred Cows.**

Sl. No.	Name of Districts	Milch Cows			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	7.53	7.653	7.815	7.67
2.	Ri Bhoi	8.093	8.173	8.004	8.101
3	West Khasi Hills	6.19	6.221	6.129	6.203
4	South West Khasi Hills	0.000	0.000	0.000	0.000
5	East Jaintia Hills	5.178	2.736	5.136	4.595
6	West Jaintia Hills	7.655	7.808	7.895	7.808
7	North Garo Hills	8.75	8.74	8.76	9.012
8	East Garo Hills	7.926	8.305	8.352	8.173
9	West Garo Hills	8.034	8.131	7.911	8.036
10.	South West Garo Hills	8.46	8.501	8.46	8.473
11	South Garo Hills	0	0	0	0
	<b>Meghalaya</b>	<b>7.764</b>	<b>7.856</b>	<b>7.767</b>	<b>7.796</b>

**Table 4.6 (a): Estimated Milk Yield per day per animal (Kg.) Buffaloes.**

Sl. No.	Name of Districts	In Milk			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	1.850	1.850	1.860	1.858
2.	Ri Bhoi	1.850	1.860	1.870	1.862
3	West Khasi Hills	1.840	1.850	1.900	1.869
4	South West Khasi Hills	1.850	1.820	1.860	0.000
5	East Jaintia Hills	1.830	1.860	1.860	1.856
6	West Jaintia Hills	1.840	1.840	1.870	1.827
7	North Garo Hills	0.000	0.000	0.000	0
8	East Garo Hills	0.000	0.000	0.000	0.000
9	West Garo Hills	1.860	1.850	1.850	1.862
10.	South West Garo Hills	1.840	1.850	1.890	1.86
11	South Garo Hills	0.000	0.000	0.000	0
	<b>Meghalaya</b>	<b>1.845</b>	<b>1.846</b>	<b>1.840</b>	<b>1.853</b>

**Table 4.6 (b): Estimated Milk Yield per day per animal (Kg.) Buffaloes.**

Sl. No.	Name of Districts	Milch			
		Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	0.960	1.084	0.905	0.996
2.	Ri Bhoi	1.204	1.191	1.021	1.150
3	West Khasi Hills	0.769	0.820	1.012	0.874
4	South West Khasi Hills	0.000	0.000	0.000	0.000
5	East Jaintia Hills	0.764	0.926	1.163	0.978
6	West Jaintia Hills	0.467	0.613	0.703	0.597
7	North Garo Hills	0.000	0.000	0.000	0.000
8	East Garo Hills	0.000	0.000	0.000	0.000
9	West Garo Hills	1.165	1.257	0.929	1.145
10.	South West Garo Hills	0.918	1.143	1.041	1.045
11	South Garo Hills	0.000	0.000	0.000	0.000
	<b>Meghalaya</b>	<b>0.970</b>	<b>1.060</b>	<b>0.979</b>	<b>1.006</b>

**Table 4.7: Milk Production- Indigenous Cows. (Tonnes)**

Sl. No.	Name of Districts	Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	1.399	0.800	0.946	3.145
2.	Ri Bhoi	0.589	0.666	0.863	2.118
3	West Khasi Hills	1.585	1.502	1.661	4.749
4	South West Khasi Hills	0.469	0.633	0.644	1.748
5	East Jaintia Hills	0.550	0.852	1.167	2.568
6	West Jaintia Hills	0.322	0.469	0.206	0.996
7	North Garo Hills	0.921	0.945	1.273	3.141
8	East Garo Hills	0.793	0.882	0.960	2.635
9	West Garo Hills	3.189	3.302	2.782	9.268
10.	South West Garo Hills	1.420	1.379	1.393	4.191
11	South Garo Hills	0.686	0.727	0.681	2.094
	<b>Meghalaya</b>	<b>11.923</b>	<b>12.156</b>	<b>12.576</b>	<b>36.652</b>

**Table 4.8: Milk Production- Crossbred Cows (Tonnes).**

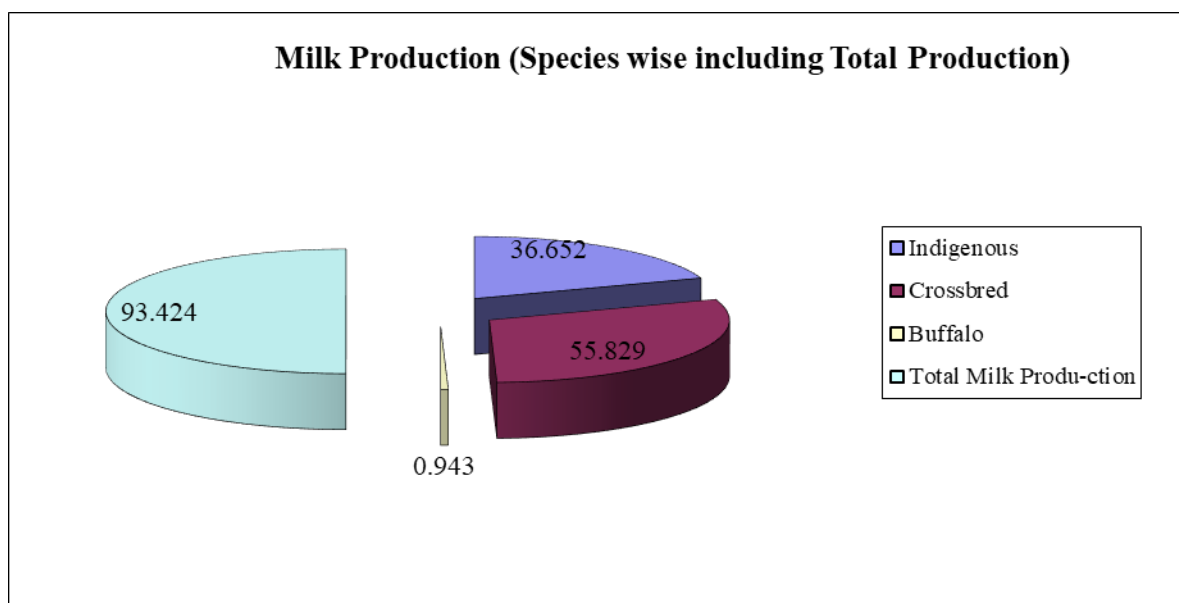
Sl. No.	Name of Districts	Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	7.745	8.324	9.893	25.962
2.	Ri Bhoi	9.091	9.541	7.669	26.301
3	West Khasi Hills	0.065	0.070	0.067	0.202
4	South West Khasi Hills	0.000	0.000	0.000	0.000
5	East Jaintia Hills	0.278	0.086	0.267	0.631
6	West Jaintia Hills	0.116	0.132	0.132	0.379
7	North Garo Hills	0.012	0.012	0.013	0.036
8	East Garo Hills	0.037	0.060	0.055	0.152
9	West Garo Hills	0.730	0.736	0.613	2.079
10.	South West Garo Hills	0.027	0.030	0.029	0.087
11	South Garo Hills	0.000	0.000	0.000	0.000
	<b>Meghalaya</b>	<b>18.100</b>	<b>18.990</b>	<b>18.738</b>	<b>55.829</b>

**Table 4.9: Milk Production- Buffaloes (Tonnes).**

Sl. No.	Name of Districts	Summer	Monsoon	Winter	Overall
1.	East Khasi Hills	0.015	0.019	0.012	0.047
2.	Ri Bhoi	0.079	0.077	0.051	0.207
3	West Khasi Hills	0.027	0.031	0.044	0.102
4	South West Khasi Hills	0.049	0.053	0.047	0.150
5	East Jaintia Hills	0.009	0.013	0.021	0.043
6	West Jaintia Hills	0.004	0.006	0.007	0.017
7	North Garo Hills	0.000	0.000	0.000	0.000
8	East Garo Hills	0.000	0.000	0.000	0.000
9	West Garo Hills	0.049	0.062	0.029	0.140
10.	South West Garo Hills	0.061	0.101	0.076	0.237
11	South Garo Hills	0.000	0.000	0.000	0.000
	<b>Meghalaya</b>	<b>0.294</b>	<b>0.362</b>	<b>0.288</b>	<b>0.943</b>

**Table 4.10: Total Milk Production in the State. ('000' Tonnes) 2022-23**

Sl. No	Name of Districts	Cow's Milk			Buffalo	Total Milk Production	Previous Years Production	% Increase or Decrease over 2021-22
		Indigenous	Crossbred	Total				
1.	East Khasi Hills	3.145	25.962	29.107	0.047	29.154	28.286	3.07%
2.	Ri Bhoi	2.118	26.301	28.419	0.207	28.626	26.776	6.91%
3.	West Khasi Hills	4.749	0.202	4.951	0.102	5.053	4.596	9.94%
4.	South West Khasi Hills	1.748	0.000	1.748	0.150	1.898	1.839	3.21%
5.	East Jaintia Hills	2.568	0.631	3.199	0.043	3.242	3.588	-9.64%
6.	West Jaintia Hills	0.996	0.379	1.375	0.017	1.392	1.371	1.53%
7.	North Garo Hills	3.141	0.036	3.177	0.000	3.177	3.137	1.28%
8.	East Garo Hills	2.635	0.152	2.787	0.000	2.787	2.759	1.01%
9.	West Garo Hills	9.268	2.079	11.347	0.140	11.487	11.363	1.09%
10.	South West Garo Hills	4.191	0.087	4.278	0.237	4.515	4.438	1.74%
11.	South Garo Hills	2.094	0.000	2.094	0.000	2.094	2.061	1.6%
	<b>Meghalaya</b>	<b>36.652</b>	<b>55.829</b>	<b>92.481</b>	<b>0.943</b>	<b>93.424</b>	<b>90.214</b>	<b>3.56%</b>





**Table 4.11: Average Milk Yield per Animal / Day in Milk and Milch Animals in Meghalaya from 1983-84.  
In Kgs.**

Year	In Milk		Buffalo	Milch		Buffalo
	Cows			Cows		
	Crossbred	Indigenous		Crossbred	Indigenous	
1983-84	8.37	0.63	2.05	5.08	0.36	1.04
1984-85	8.38	0.64	2.07	4.56	0.34	1.07
1985-86	8.38	0.64	2.07	4.56	0.34	1.07
1986-87	8.56	0.64	2.07	5.78	0.36	1.12
1987-88	7.28	0.57	2.07	4.99	0.28	1.12
1988-89	8.46	0.68	2.07	5.99	0.37	1.12
1989-90	8.69	0.69	2.07	6.21	0.38	1.12
1990-91	8.38	0.70	2.14	5.92	0.38	1.05
1991-92	8.41	0.72	1.96	6.29	0.38	1.01
1992-93	8.56	0.72	1.78	6.55	0.37	0.93
1993-94	8.36	0.73	1.91	6.51	0.41	0.97
1994-95	8.83	0.75	1.66	6.52	0.40	0.85
1995-96	8.83	0.75	1.66	6.70	0.38	0.79
1996-97	8.74	0.71	1.70	6.50	0.34	0.80
1997-98	8.80	0.73	1.80	6.65	0.34	0.85
1998-99	8.81	0.75	1.80	6.85	0.35	0.83
1999-2000	8.89	0.75	1.69	7.31	0.36	0.85
2000-01	8.94	0.72	1.76	7.02	0.33	0.88
2001-02	8.90	0.75	1.75	6.88	0.33	1.17
2002-03	8.93	0.76	1.76	7.21	0.33	0.90
2003-04	8.96	0.74	1.76	7.09	0.32	0.92
2004-05	8.99	0.76	1.79	7.11	0.33	0.93
2005-06	8.93	0.74	1.83	7.28	0.32	0.96
2006-07	8.93	0.75	1.85	7.30	0.33	0.95
2007-08	8.97	0.77	1.84	7.36	0.33	0.95
2008-09	8.95	0.75	1.86	7.31	0.34	0.95
2009-10	8.962	0.751	1.855	7.310	0.337	0.960
2010-11	8.963	0.758	1.846	7.339	0.341	0.964
2011-2012	8.960	0.760	1.843	7.329	0.342	0.962
2012-13	8.983	0.769	1.842	7.291	0.353	0.975
2013-14	8.961	0.758	1.827	7.239	0.365	0.976
2014-15	8.909	0.768	1.844	7.471	0.365	0.976
2015-16	8.968	0.768	1.861	7.458	0.366	0.976

**Table 4.11: Average Milk Yield per Animal / Day in Milk and Milch Animals in Meghalaya from 1983-84.  
In Kgs.**

Year	In Milk		Buffalo	Milch		Buffalo
	Cows			Cows		
	Crossbred	Indigenous		Crossbred	Indigenous	
2016-17	8.888	0.762	1.839	7.542	0.397	1.133
2017-18	8.951	0.774	1.843	7.746	0.430	1.120
2018-19	8.957	0.778	1.843	7.587	0.422	1.121
2019-20	8.988	0.784	1.857	7.738	0.401	0.984
2020-21	9.011	0.785	1.843	7.772	0.402	0.959
2021-22	8.993	0.788	1.850	7.747	0.405	0.979
2022-23	9.011	0.790	1.853	7.796	0.409	1.006

**Table 4.12: Estimated Number in Milk and Milch Animals in Meghalaya from 1983-84 ('000' Numbers)**

Year	Animals In Milk		Buffaloes	Milch Animals		Buffaloes
	Cows			Cows		
	Crossbred	Indigenous		Crossbred	Indigenous	
1983-84	5.1	90.8	5.2	8.4	158.2	10.1
1984-85	5.6	97.2	5.6	9.1	168.6	10.6
1985-86	6.2	98.5	5.3	9.2	174.6	10.9
1986-87	6.1	100.0	6.0	9.0	174.7	11.1
1987-88	6.0	100.1	5.4	8.8	175.8	10.9
1988-89	6.1	96.9	4.7	8.7	178.9	9.7
1989-90	6.3	95.5	4.0	8.8	175.0	8.3
1990-91	6.9	94.2	4.1	9.8	175.6	8.3
1991-92	7.5	92.9	4.1	10.0	172.1	7.8
1992-93	7.7	93.9	4.4	10.1	180.6	8.4
1993-94	7.9	96.5	4.3	10.2	173.7	8.4
1994-95	7.8	95.9	4.4	10.4	178.7	8.7
1995-96	8.6	91.5	4.6	11.3	178.6	9.6
1996-97	10.0	85.4	5.6	13.4	184.6	11.8
1997-98	10.1	86.1	5.6	13.4	185.6	11.8
1998-99	10.4	86.5	5.4	13.4	182.9	11.8
1999-2000	10.7	90.6	3.4	13.0	189.4	6.8
2000-01	11.2	96.6	3.6	14.2	211.6	7.2
2001-02	11.9	92.7	2.7	15.4	209.7	4.0
2002-03	12.3	93.2	2.7	15.2	212.0	5.3
2003-04	12.6	93.2	2.7	16.0	210.1	5.2
2004-05	13.2	95.1	2.8	16.7	220.8	5.3
2005-06	13.8	98.8	2.8	16.9	226.8	5.3
2006-07	13.9	99.9	2.8	17.0	229.0	5.5
2007-08	14.1	101.2	2.9	17.2	231.8	5.6
2008-09	14.40	103.9	2.9	17.6	232.1	5.7
2009-10	14.50	104.95	2.97	17.78	234.05	5.75
2010-11	14.60	105.73	2.99	17.87	234.99	5.72
2011-12	14.71	106.54	3.01	17.98	236.44	5.76
2012-13	14.68	108.11	3.00	18.09	235.52	5.66
2013-14	14.82	115.47	2.62	18.34	240.01	4.91
2014-15	15.11	114.65	2.48	18.02	241.30	4.69
2015-16	15.228	117.40	2.22	18.162	244.13	4.71

**Table 4.12: Estimated Number in Milk and Milch Animals in Meghalaya from 1983-84 ('000' Numbers)**

Year	Animals In Milk		Buffaloes	Milch Animals		Buffaloes
	Cows			Cows		
	Crossbred	Indigenous		Crossbred	Indigenous	
2016-17	14.99	122.25	1.22	17.67	234.98	3.17
2017-18	15.16	122.76	1.39	17.51	220.56	2.29
2018-19	15.38	123.04	1.35	18.16	226.07	2.22
2019-20	15.52	124.15	1.32	18.02	242.05	2.50
2020-21	16.02	124.05	1.31	18.58	242.28	2.52
2021-22	16.21	125.06	1.30	18.82	242.86	2.47
2022-23	16.6	127.09	1.39	19.24	245.12	2.57

**Table 4.13: Estimated Milk Production in Meghalaya from 1983-84.**

Year	Production in '000' tones.				Percentage of increase (+) or decrease (-) over previous year
	Cows		Buffaloes	Total	
	Crossbred	Indigenous			
1983-84	15.6	20.7	3.9	40.2	
1984-85	17.0	22.5	4.1	43.6	(+) 8.46
1985-86	19.0	23.2	4.0	46.2	(+) 5.96
1986-87	19.1	23.5	4.6	47.2	(+) 2.16
1987-88	16.0	20.8	4.1	40.9	(-) 13.33
1988-89	18.9	24.2	3.6	46.7	(+) 14.18
1989-90	20.1	24.3	3.0	47.4	(+) 1.50
1990-91	21.2	24.1	3.1	48.4	(+) 2.11
1991-92	23.1	24.5	2.9	50.4	(+) 4.13
1992-93	24.1	24.7	2.8	51.6	(+) 2.38
1993-94	24.2	25.7	3.0	52.9	(+) 2.52
1994-95	25.1	26.2	2.7	54.0	(+) 2.08
1995-96	27.6	25.0	2.8	55.4	(+) 2.59
1996-97	31.8	22.1	3.5	57.4	(+) 3.61
1997-98	32.4	23.0	3.7	59.1	(+) 2.96
1998-99	33.5	23.7	3.5	60.7	(+) 2.71
1999-2000	34.7	24.8	2.1	61.6	(+) 1.48
2000-01	36.5	25.3	2.3	64.1	(+) 4.06
2001-02	38.8	25.3	1.7	65.8	(+) 2.65
2002-03	40.1	25.8	1.7	67.7	(+) 2.83
2003-04	41.42	25.09	1.74	68.25	(+) 0.84 %
2004-05	43.23	26.27	1.79	71.29	(+) 4.45 %
2005-06	44.88	26.69	1.86	73.43	(+) 3.00 %
2006-07	45.38	27.33	1.91	74.62	(+) 1.62 %
2007-08	46.30	28.26	1.94	76.50	(+) 2.52%
2008-09	47.05	28.46	1.99	77.50	(+) 1.31%
2009-10	47.44	28.76	2.014	78.212	(+) 0.92%
2010-11	47.87	29.25	2.013	79.13	(+) 1.17%
2011-12	48.11	29.54	2.02	79.67	(+) 0.68%
2012-13	48.13	30.35	2.02	80.49	(+) 1.03%
2013-14	48.46	31.95	1.75	82.16	(+) 2.07%
2014-15	49.13	32.16	1.67	82.96	(+) 0.97%
2015-16	49.57	32.668	1.683	83.924	(+)1.16%

**Table 4.13: Estimated Milk Production in Meghalaya from 1983-84.**

Year	Production in '000' tones.			Percentage of increase (+) or decrease (-) over previous year	
	Cows		Buffaloes		Total
	Crossbred	Indigenous			
2016-17	48.771	34.112	1.31	84.195	(+) 1.08%
2017-18	49.654	34.681	0.938	85.273	(+)1 .28%
2018-19	50.430	39.943	0.907	86.28	(+) 1.18%
2019-20	51.048	35.538	0.898	87.484	(+) 1.39%
2020-21	52.705	35.55	0.881	89.136	(+) 1.89%
2021-22	53.365	35.968	0.881	90.214	(+) 1.21%
2022-23	55.829	36.652	0.943	93.424	(+) 3.56%

## Chapter – 5

### District-wise & Season-wise Estimates

#### Egg Production

**Table 5.1 (a): District-wise and Season-Wise Estimated No. of Poultry (Fowls), 2022-23  
Layers – '00 Numbers**

Particulars	East Khasi Hills	Ri Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	State
<u>Desi</u>												
Summer	1347	1067	1000	279	363	638	727	477	1882	436	613	<b>8828</b>
Monsoon	1773	1187	946	240	296	649	755	534	1539	440	631	<b>8991</b>
Winter	2067	1187	869	238	516	771	876	776	1271	432	659	<b>9662</b>
Over All	1726	1143	938	252	393	688	784	599	1564	440	631	<b>9159</b>
<u>Improved</u>												
Summer	182	151	62	0	40	75	19	60	31	178	0	<b>798</b>
Monsoon	183	151	71	0	39	45	0	90	33	57	3	<b>672</b>
Winter	179	147	63	0	26	48	19	100	32	34	3	<b>651</b>
Over All	181	149	65	0	35	56	13	83	32	90	2	<b>707</b>
<u>Total</u>												
Summer	1529	1218	1061	279	403	713	746	537	1913	614	613	<b>9626</b>
Monsoon	1956	1337	1017	240	335	694	755	623	1573	497	634	<b>9663</b>
Winter	2246	1334	932	238	542	818	895	877	1303	466	662	<b>10313</b>
Over All	<b>1907</b>	<b>1293</b>	<b>1004</b>	<b>252</b>	<b>428</b>	<b>744</b>	<b>796</b>	<b>682</b>	<b>1596</b>	<b>530</b>	<b>633</b>	<b>9865</b>

**Table 5.1(b): District-wise and Season-wise Estimated No. of Poultry (Ducks) 2022-23.  
Layers – '00 Numbers**

Particulars	East Khasi Hills	Ri Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	State
<u>Desi</u>												
Summer	23	10	0	0	1	5	0	2	129	33	0	<b>203</b>
Monsoon	8	3	0	1	1	2	0	1	98	14	3	<b>131</b>
Winter	16	2	0	1	0	1	0	1	100	18	0	<b>139</b>
Over All	<b>16</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>108</b>	<b>21</b>	<b>1</b>	<b>156</b>
<u>Improved</u>												
Summer	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Monsoon	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Winter	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Over All	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<u>Total</u>												
Summer	23	10	0	0	1	5	0	2	129	33	0	203
Monsoon	8	3	0	1	1	2	0	1	98	14	3	131
Winter	16	2	0	1	0	1	0	1	100	18	0	139
Over All	<b>16</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>108</b>	<b>21</b>	<b>1</b>	<b>156</b>



**Table 5.2 (a): District-wise and Season-Wise Estimated Yield per Layer (Fowls) 2022-23.**

Particulars	East Khasi Hills	Ri Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	State
<u>Desi</u>												
Summer	35	37	35	35	34	35	34	35	35	34	34	<b>35</b>
Monsoon	36	36	34	34	34	34	34	34	36	34	34	<b>35</b>
Winter	35	36	34	34	34	35	34	34	35	35	34	<b>35</b>
Over All	<b>106</b>	<b>109</b>	<b>103</b>	<b>103</b>	<b>102</b>	<b>104</b>	<b>102</b>	<b>103</b>	<b>106</b>	<b>103</b>	<b>102</b>	<b>105</b>
<u>Improved</u>												
Summer	74	74	71	0	72	71	70	70	72	72	0	<b>72</b>
Monsoon	73	74	69	0	69	70	0	71	71	69	70	<b>72</b>
Winter	72	73	68	0	70	68	67	71	72	68	68	<b>71</b>
Over All	<b>219</b>	<b>221</b>	<b>208</b>	<b>0</b>	<b>211</b>	<b>209</b>	<b>137</b>	<b>212</b>	<b>215</b>	<b>209</b>	<b>138</b>	<b>215</b>
<u>Total</u>												
Summer	40	42	37	35	38	39	35	39	36	45	34	<b>38</b>
Monsoon	39	40	36	34	38	36	34	39	37	38	34	<b>38</b>
Winter	38	40	36	34	36	37	35	38	36	37	34	<b>37</b>
<b>Over All</b>	<b>117</b>	<b>122</b>	<b>110</b>	<b>103</b>	<b>111</b>	<b>112</b>	<b>104</b>	<b>116</b>	<b>108</b>	<b>121</b>	<b>103</b>	<b>113</b>

**Table 5.2(b): District-wise and Season-wise Estimated Yield per Layer (Ducks) 2022-23.**

Particulars	East Khasi Hills	Ri Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	State
<u>Desi</u>												
Summer	35	37	0	0	34	35	0	35	35	34	0	<b>35</b>
Monsoon	36	36	0	34	34	34	0	34	36	34	34	<b>37</b>
Winter	35	36	0	34	0	35	0	35	35	35	0	<b>35</b>
Over All	<b>106</b>	<b>109</b>	<b>0</b>	<b>68</b>	<b>68</b>	<b>104</b>	<b>0</b>	<b>104</b>	<b>106</b>	<b>103</b>	<b>34</b>	<b>107</b>
<u>Improved</u>												
Summer	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Monsoon	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Winter	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Over All	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<u>Total</u>												
Summer	35	39	0	0	0	32	0	30	35	34	0	<b>35</b>
Monsoon	35	37	0	0	0	35	0	50	36	34	63	<b>37</b>
Winter	35	40	0	0	0	0	0	50	35	0	0	<b>35</b>
Over All	<b>103</b>	<b>116</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>87</b>	<b>0</b>	<b>150</b>	<b>107</b>	<b>105</b>	<b>0</b>	<b>107</b>

**Table 5.3(a): District-wise and Season-Wise Estimated Egg Production (Fowls) 2022-23.**  
(In Lakhs)

Particulars	East Khasi Hills	Ri Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	State
<u>Desi</u>												
Summer	47.13	39.49	34.99	9.77	12.35	22.34	24.70	16.70	65.85	14.83	20.83	308.98
Monsoon	63.84	42.73	32.16	8.17	10.06	22.07	25.67	18.14	55.42	14.97	21.46	314.69
Winter	72.35	42.73	29.54	8.09	17.54	26.98	29.79	26.40	44.47	15.12	22.41	335.43
Over All	<b>183.32</b>	<b>124.95</b>	<b>96.69</b>	<b>26.03</b>	<b>39.95</b>	<b>71.39</b>	<b>80.17</b>	<b>61.24</b>	<b>165.75</b>	<b>44.91</b>	<b>64.70</b>	<b>959.10</b>
<u>Improved</u>												
Summer	13.49	11.16	4.37	0.00	2.86	5.30	1.34	4.21	2.26	12.80	0.00	57.79
Monsoon	13.33	11.14	4.93	0.00	2.67	3.16	0.00	6.37	2.38	3.94	0.23	48.14
Winter	12.87	10.73	4.29	0.00	1.85	3.23	1.25	7.12	2.34	2.29	0.21	46.18
Over All	<b>39.68</b>	<b>33.02</b>	<b>13.59</b>	<b>0.00</b>	<b>7.38</b>	<b>11.69</b>	<b>2.59</b>	<b>17.71</b>	<b>6.98</b>	<b>19.04</b>	<b>0.43</b>	<b>152.11</b>
<u>Total</u>												
Summer	60.62	50.65	39.36	9.77	15.21	27.64	26.04	20.91	68.11	27.63	20.83	<b>366.77</b>
Monsoon	77.17	53.87	37.09	8.17	12.73	25.23	25.67	24.51	57.8	18.91	21.69	<b>362.83</b>
Winter	85.22	53.46	33.83	8.09	19.39	30.21	31.04	33.52	46.81	17.41	22.62	<b>381.61</b>
Over All	<b>223</b>	<b>157.97</b>	<b>110.28</b>	<b>26.03</b>	<b>47.33</b>	<b>83.08</b>	<b>82.76</b>	<b>78.95</b>	<b>172.73</b>	<b>63.95</b>	<b>65.13</b>	<b>1111.21</b>

**Table 5.3(b): District-wise and Season-wise Estimated Egg production (Ducks) 2022-23.**  
(In Lakhs)

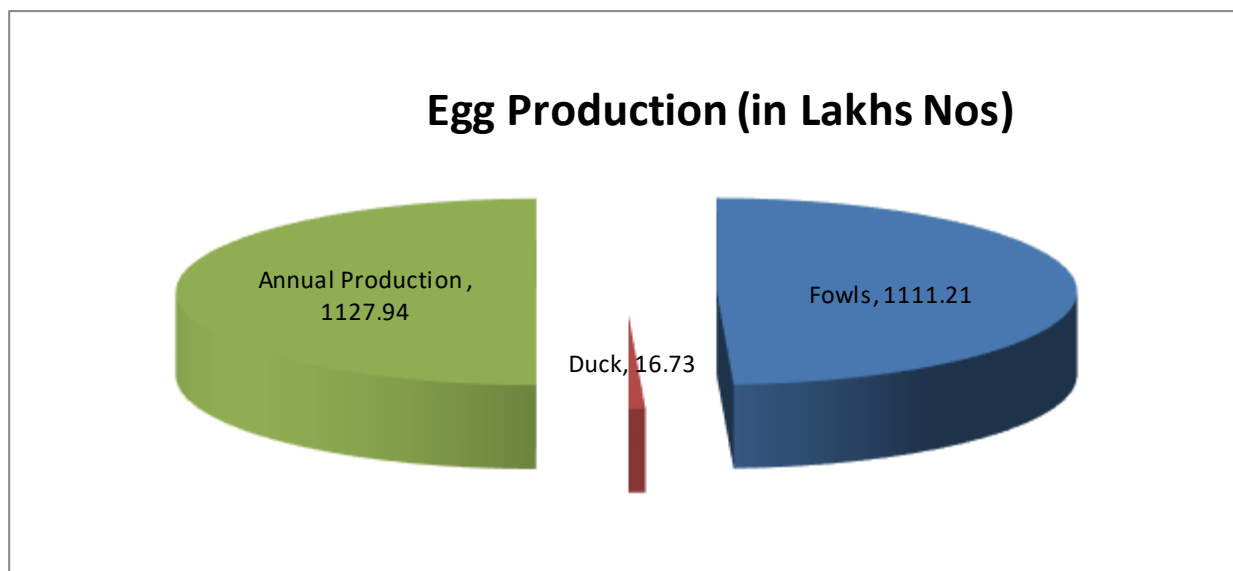
Particulars	East Khasi Hills	Ri Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	State
<u>Desi</u>												
Summer	0.80	0.39	0.00	0.00	0.04	0.16	0.00	0.06	4.52	1.11	0.00	7.08
Monsoon	0.28	0.11	0.00	0.04	0.07	0.07	0.00	0.05	3.52	0.47	0.19	4.81
Winter	0.56	0.08	0.00	0.02	0.00	0.03	0.00	0.05	3.49	0.62	0.00	4.85
Over All	<b>1.64</b>	<b>0.58</b>	<b>0.00</b>	<b>0.07</b>	<b>0.11</b>	<b>0.26</b>	<b>0.00</b>	<b>0.15</b>	<b>11.53</b>	<b>2.20</b>	<b>0.19</b>	<b>16.74</b>
<u>Improved</u>												
Summer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monsoon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Winter	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Over All	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<u>Total</u>												
Summer	0.8	0.39	0	0	0.04	0.16	0	0.06	4.52	1.11	0	<b>7.08</b>
Monsoon	0.28	0.11	0	0.04	0.07	0.07	0	0.05	3.52	0.47	0.19	<b>4.81</b>
Winter	0.56	0.08	0	0.02	0	0.03	0	0.05	3.49	0.62	0	<b>4.85</b>
<b>Over All</b>	<b>1.64</b>	<b>0.58</b>	<b>0</b>	<b>0.07</b>	<b>0.11</b>	<b>0.26</b>	<b>0</b>	<b>0.15</b>	<b>11.53</b>	<b>2.2</b>	<b>0.19</b>	<b>16.74</b>

**Table 5.4 (a): Estimated Total Egg production. (Lakhs Numbers) 2022-23.**

Sl No.	Name of Districts	Summer		Monsoon		Winter	
		Fowls	Duck	Fowls	Duck	Fowls	Duck
1.	East Khasi Hills	60.62	0.8	77.17	0.28	85.22	0.56
2.	Ri Bhoi	50.65	0.39	53.87	0.11	53.46	0.08
3	West Khasi Hills	39.36	0	37.09	0	33.83	0
4	South West Khasi Hills	9.77	0	8.17	0.04	8.09	0.02
5	East Jaintia Hills	15.21	0.04	12.73	0.07	19.39	0
6	West Jaintia Hills	27.64	0.16	25.23	0.07	30.21	0.03
7	North Garo Hills	26.04	0	25.67	0	31.04	0
8	East Garo Hills	20.91	0.06	24.51	0.05	33.52	0.05
9	West Garo Hills	68.11	4.52	57.8	4.52	46.81	3.49
10.	South West Garo Hills	27.63	1.11	18.91	0.47	17.41	0.62
11	South Garo Hills	20.83	0	21.69	0.19	22.62	0
	<b>Meghalaya</b>	<b>366.77</b>	<b>7.08</b>	<b>362.83</b>	<b>4.81</b>	<b>381.61</b>	<b>4.85</b>

**Table 5.4 (b): Estimated Total Egg production. (Lakhs Numbers) 2022-23.**

Sl No.	Name of Districts	Total egg		Annual Production Current Year 2022-23	Annual Production Previous Year 2021-22	Percentage Increase or Decrease over the Previous year
		Fowls	Duck			
1.	East Khasi Hills	223	1.64	224.64	221.76	1.3%
2.	Ri Bhoi	157.97	0.58	158.55	154.56	2.58%
3	West Khasi Hills	110.28	0	110.28	108.28	1.85%
4	South West Khasi Hills	26.03	0.07	26.1	25.45	2.55%
5	East Jaintia Hills	47.33	0.11	47.44	47.1	0.72%
6	West Jaintia Hills	83.08	0.26	83.34	81.93	1.72%
7	North Garo Hills	82.76	0	82.76	82.84	-0.1%
8	East Garo Hills	78.95	0.15	79.1	79.47	-0.47%
9	West Garo Hills	172.73	11.53	184.26	184.2	0.03%
10.	South West Garo Hills	63.95	2.2	66.15	64.81	2.07%
11	South Garo Hills	65.13	0.19	65.32	64.25	1.67%
	<b>Meghalaya</b>	<b>1111.2</b>	<b>16.73</b>	<b>1127.94</b>	<b>1114.65</b>	<b>1.19%</b>



**Table 5.5: Estimated Numbers of Layers in Meghalaya from 1983-84.  
Lakhs Nos.**

Year	Fowls			Duck			Both Fowls & Ducks		
	Desi	Improved	Total	Desi	Improved	Total	Desi	Improved	Total
1983-84	4.72	0.19	4.91	-	-	-	4.72	0.19	4.91
1984-85	5.21	0.19	5.40	-	-	-	5.21	0.19	5.40
1985-86	5.35	0.20	5.55	-	-	-	5.35	0.20	5.55
1986-87	5.08	0.20	5.28	-	-	-	5.08	0.20	5.28
1987-88	5.21	0.20	5.41	-	-	-	5.21	0.20	5.41
1988-89	5.38	0.22	5.60	-	-	-	5.38	0.22	5.60
1989-90	5.17	0.34	5.72	-	-	-	5.17	0.34	5.51
1990-91	5.38	0.34	5.72	-	-	-	5.38	0.34	5.72
1991-92	5.37	0.31	5.68	0.24	0.03	0.27	5.61	0.34	5.95
1992-93	5.59	0.35	5.94	0.24	0.03	0.27	5.83	0.38	6.21
1993-94	5.81	0.40	6.21	0.29	0.03	0.32	6.10	0.43	6.53
1994-95	5.93	0.40	6.33	0.29	0.03	0.32	6.22	0.43	6.65
1995-96	6.02	0.43	6.45	0.36	0.03	0.29	6.38	0.45	6.83
1996-97	6.33	0.47	6.80	0.37	0.03	0.40	6.70	0.50	7.20
1997-98	6.53	0.48	7.01	0.35	0.03	0.38	6.88	0.51	7.39
1998-99	6.61	0.46	7.07	0.34	0.03	0.37	6.95	0.49	7.44
1999-2000	6.86	0.51	7.37	0.35	0.03	0.38	7.21	0.54	7.75
2000-01	7.15	0.57	7.72	0.22	0.01	0.23	7.31	0.58	7.89
2001-02	7.33	0.58	7.91	0.23	0.01	0.24	7.56	0.59	8.15
2002—03	7.47	0.59	8.06	0.24	0.02	0.26	7.71	0.60	8.31
2003-04	7.63	0.60	8.23	0.24	0.01	0.25	7.87	0.61	8.48
2004-05	7.70	0.61	8.31	0.24	0.01	0.25	7.94	0.62	8.56
2005-06	7.79	0.62	8.41	0.24	0.02	0.26	8.03	0.64	8.67
2006-07	7.88	0.63	8.51	0.24	0.02	0.26	8.12	0.65	8.77
2007-08	7.97	0.64	8.61	0.25	0.02	0.26	8.22	0.66	8.88
2008-09	8.08	0.65	8.73	0.25	0.02	0.27	8.33	0.67	9.00
2009-10	8.12	0.66	8.78	0.25	0.02	0.27	8.37	0.68	9.05
2010-11	8.14	0.66	8.80	0.25	0.02	0.27	8.39	0.68	9.07
2011-12	8.14	0.66	8.80	0.26	0.02	0.28	8.40	0.68	9.08
2012-13	8.19	0.67	8.86	0.26	0.02	0.28	8.45	0.69	9.14
2013-14	8.24	0.84	9.08	0.26	0.02	0.28	8.49	0.86	9.35
2014-15	8.23	0.824	9.054	0.23	0.007	0.24	8.47	0.83	9.294
2015-16	8.34	0.823	9.163	0.217	0.003	0.22	8.557	0.826	9.383

**Table 5.5: Estimated Numbers of Layers in Meghalaya from 1983-84.  
Lakhs Nos.**

Year	Fowls			Duck			Both Fowls & Ducks		
	Desi	Improved	Total	Desi	Improved	Total	Desi	Improved	Total
2016-17	8.57	0.73	9.3	0.12	0.004	0.124	8.69	0.734	9.424
2017-18	8.627	0.74	9.367	0.076	0.00	0.076	8.703	0.74	9.443
2018-19	8.752	0.77	9.522	0.09	0.00	0.09	8.842	0.77	9.615
2019-20	8.837	0.775	9.612	0.094	0.004	0.098	8.931	0.779	9.710
2020-21	8.976	0.723	9.699	0.15	0.00	0.15	9.126	0.723	9.849
2021-22	9.033	0.713	9.746	0.16	0.00	0.16	9.193	0.713	9.906
2022-23	9.159	0.707	9.865	0.16	0.00	0.16	9.319	0.707	10.026

**Note: - Estimation on Duck Population was taken up from 1991-92 onwards.**



**Table 5.6: Estimated Yield per annum per layer in Meghalaya and Total Egg production from 1983-84.**

Year	Estimated Yield		Overall	Total Eggs Production (Lakhs Nos.)			Percentage increase (+) or decrease (-) over previous year
	Desi	Improved		Desi	Improved	Total	
1983-84	100	213	104	474.11	39.86	513.97	(+) 6.89
1984-85	98	206	102	510.77	38.62	549.39	(+) 5.30
1985-86	98	209	104	537.12	41.33	578.50	(+) 3.78
1986-87	109	217	114	556.06	44.30	600.36	(+) 3.78
1987-88	110	217	114	573.95	42.76	616.71	(+) 2.72
1988-89	109	219	113	586.88	48.36	635.24	(+) 3.00
1989-90	108	219	115	562.49	73.45	636.28	(+) 0.16
1990-91	110	219	116	591.36	73.79	665.15	(+) 4.54
1991-92	105	219	112	593.38	74.51	667.89	(+) 0.41
1992-93	106	219	113	617.97	82.46	700.43	(+) 4.87
1993-94	105	201	111	641.89	85.71	726.60	(+) 3.74
1994-95	107	201	113	665.44	85.71	751.14	(+) 3.38
1995-96	105	219	113	669.92	99.34	769.26	(+) 2.41
1996-97	103	204	110	690.70	101.27	791.97	(+) 2.95
1997-98	103	207	110	709.06	105.19	814.25	(+) 2.81
1998-99	104	208	111	722.70	101.91	824.61	(+) 1.27
1999-2000	102	207	109	735.19	112.11	847.25	(+) 2.75
2000-01	102	209	110	752.37	121.63	874	(+) 3.16
2001-02	102	221	107	770.76	131.12	901.88	(+) 3.19
2002-03	102	216	110	786.13	129.94	916.07	(+) 1.57
2003-04	102	217	110	803.00	133.00	936.00	(+) 2.18
2004-05	102	217	110	810.08	135.62	945.70	(+) 1.04
2005-06	104	216	113	835	138	973	(+) 2.85
2006-07	103	218	112	836.79	141.20	977.99	(+) 0.51
2007-08	103	218	112	846.07	142.58	988.65	(+) 1.09
2008-09	102	217	109	853.41	144.32	997.73	(+) 2.04
2009-10	102	216	111	854.12	145.58	999.7	(+) 0.20%
2010-11	103	217	112	864.76	146.65	1011.41	(+) 1.17%
2011-12	104	217	112	872.83	147.82	1020.65	(+) 0.91%
2012-13	104	217	113	878.12	149.51	1027.63	(+) 0.69%
2013-14	103	212	112	868.99	180.38	1049.37	(+) 2.11%
2014-15	104	214	114	879.38	177.60	1056.98	(+) 0.725%
2015-16	104	217	105	887.19	176.48	1063.67	(+) 0.63%

**Table 5.6: Estimated Yield per annum per layer in Meghalaya and Total Egg production from 1983-84.**

Year	Estimated Yield		Overall	Total Eggs Production (Lakhs Nos.)			Percentage increase (+) or decrease (-) over previous year
	Desi	Improved		Desi	Improved	Total	
2016-17	104	214	113	907.90	156.005	1063.9	(+) 0.02%
2017-18	105	216	114	914.22	159.48	1073.7	(+) 0.92%
2018-19	105	212	114	926.976	163.42	1090.4	(+) 1.56%
2019-20	105	214	114	935.96	166.84	1102.8	(+) 1.14%
2020-21	104	214	113	952.89	154.97	1107.86	(+) 0.46%
2021-22	105	215	113	961.61	153.04	1114.65	(+) 0.61%
2022-23	105	215	113	975.84	152.11	1127.95	(+) 1.19%

## Chapter – 6

### SEASON WISE PERCENTAGE UTILISATION OF MILK EGG & DUNG IN SAMPLE HOUSEHOLD.

2022-23

**Table 6.1: Utilisation of Milk.**

Season	Sold as fluid Milk	Converted into Milk products	Consumed as Fluid Milk in the Household	Total
Summer	94.25	1.13	4.62	100
Monsoon	92.77	1.68	5.55	100
Winter	93.64	1.36	4.99	100
<b>Overall</b>	<b>93.58</b>	<b>1.38</b>	<b>5.04</b>	<b>100</b>

**Table 6.2: Percentage Utilization of Produced Eggs.**

Season	Utilisation for Home consumption	Set for Hatching	Egg Sold	Damaged or spoiled	Total
Summer	16.39	12.41	67.93	3.27	<b>100</b>
Monsoon	16.41	12.68	67.75	3.15	<b>100</b>
Winter	16.81	12.43	66.77	3.99	<b>100</b>
<b>Overall</b>	<b>16.53</b>	<b>12.50</b>	<b>67.52</b>	<b>3.46</b>	<b>100</b>

**Table 6.3: Season wise Utilisation rate of Dung collected From Bovine at Sample Household 2022-23.**

Sl No	Season	Unit	Dung Utilized for manure.	Dung Utilized for Dung cake	Dung Utilized for others such as Bio-gas.	Over all
1.	Summer	Percentage	96.28	2.42	1.30	100.00%
2.	Monsoon.	Percentage	96.25	2.37	1.38	100.00%
3.	Winter	Percentage	95.72	2.83	1.46	100.00%
	<b>Over-All</b>	<b>Percentage</b>	<b>96.10</b>	<b>2.52</b>	<b>1.37</b>	<b>100.00%</b>

**Table 6.4: Per Capita availability of Milk and Egg**

Items	Unit	Per Capita Availability
Milk	Grams / day	76
Eggs	Nos. / year	33

**Table 6.5: Season wise Percentage of Animals which were Grazed, Stallfed or Both. 2022-23**

Sl No.	Category of Animals	SUMMER				MONSOON				WINTER			
		Only Grazed (%)	Only Stallfed (%)	Both	Over all	Only Grazed (%)	Only Stallfed (%)	Both	Over all	Only Grazed (%)	Only Stallfed (%)	Both	Over all
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>1.1</b>	<b><u>CATTLE</u></b>												
	<b>INDIGENOUS</b>												
	a) Adult Female	61.57	11.77	26.66	100.00	67.31	11.25	21.44	100.00	69.28	11.55	19.18	100.01
	b) Adult Male	69.1	12.66	18.24	100.00	61.82	12.42	25.76	100.00	63.47	12.55	23.98	100.00
	c) Young Stock upto 3 years	71.25	14.25	14.51	100.00	67.3	12.51	20.19	100.00	69.9	14.8	15.31	100.01
	<b>Overall :-</b>	65.87	12.6	21.53	100.00	65.83	11.96	22.21	100.00	68.38	13.25	18.37	100.00
<b>1.2</b>	<b>CROSS BRED</b>					0	0	0	0.00	0	0	0	0.00
	a) Adult Female	12.77	65.96	21.28	100.00	15.71	76.84	7.45	100.00	12.4	80.3	7.3	100.00
	b) Adult Male	20.51	61.54	17.95	100.00	12.32	80	7.68	100.00	13.64	80.3	6.06	100.00
	c) Young Stock upto 3 years	3.1	67.15	29.75	100.00	14.49	78.97	6.54	100.00	15	79.69	5.31	100.00
	<b>Overall :-</b>	10.56	65.92	23.52	100.00	15.03	77.78	7.19	100.00	13.37	80.09	6.54	100.00
<b>2</b>	<b>BUFFALOES</b>					0	0	0	0.00	0	0	0	0.00
	a) Adult Female	93.94	0	6.06	100.00	93.66	0	6.34	100.00	95.83	0	4.17	100.00
	b) Adult Male	92.93	0	7.07	100.00	93.74	0	6.26	100.00	94.67	0	5.33	100.00
	c) Young Stock upto 3 years	88	0	12	100.00	89.05	0	10.95	100.00	91.59	0	8.41	100.00
	<b>Overall:-</b>	92.12	0	7.88	100.00	92.32	0	7.68	100.00	94.21	0	5.79	100.00

**Table 6.6: Distributions of Animals as per the feeding practices observed in the selected households**  
**Name of State: Meghalaya, Year- 2022-23**

Sl. No	Category of Animals	Average Feed Consumption (in Kg. Per animals/ per day)												No. Of Animals			
		Green Fodder				Dry Fodder				Concentrate				Summer	Rainy	Winter	Total
		Summer	Rainy	Winter	Annual	Summer	Rainy	Winter	Annual	Summer	Rainy	Winter	Annual				
1	<b>Cattle Indigenous/ Non-Descript</b>																
	a) Adult Female	5.15	6.85	4.85	<b>5.81</b>	2.42	3.10	2.92	<b>2.79</b>	1.78	0.00	0.00	<b>0.72</b>	1803	1882	786	<b>4471</b>
	b) Adult Male	4.32	4.55	4.35	<b>4.43</b>	2.20	2.46	2.49	<b>2.37</b>	0.00	0.00	0.00	<b>0.00</b>	971	1171	477	<b>2619</b>
	c) Young Stock upto 3 years	3.53	3.53	3.10	<b>3.41</b>	0.00	1.08	0.98	<b>0.69</b>	0.00	0.00	0.00	<b>0.00</b>	1247	1381	1077	<b>3705</b>
	d) Overall (%)	<b>35.02</b>	<b>46.00</b>	<b>18.38</b>	<b>100.00</b>	<b>30.59</b>	<b>48.04</b>	<b>21.36</b>	<b>100.00</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>100.00</b>	<b>4021</b>	<b>4434</b>	<b>2340</b>	<b>10795</b>
2	<b>Cattle (Exotic/ Cross-bred)</b>																
	a) Adult Female	19.26	18.47	10.18	<b>15.64</b>	6.14	6.75	17.85	<b>10.70</b>	5.11	3.64	5.16	<b>4.73</b>	328	255	350	<b>933</b>
	b) Adult Male	16.82	15.65	8.96	<b>13.85</b>	4.94	6.07	16.80	<b>9.23</b>	3.41	2.05	3.28	<b>2.96</b>	46	38	42	<b>126</b>
	c) Young Stock upto 2 & 1/2 years	13.55	13.50	8.10	<b>11.22</b>	3.14	2.79	15.65	<b>8.37</b>	1.41	1.17	1.29	<b>1.30</b>	156	129	211	<b>496</b>
	d) Overall (%)	<b>42.03</b>	<b>32.17</b>	<b>25.79</b>	<b>100.00</b>	<b>17.85</b>	<b>15.11</b>	<b>67.04</b>	<b>100.00</b>	<b>37.84</b>	<b>21.32</b>	<b>40.84</b>	<b>100.00</b>	<b>530</b>	<b>422</b>	<b>603</b>	<b>1555</b>
3	<b>Buffalo</b>																
	a) Adult Female	4.15	4.54	4.32	<b>4.37</b>	2.15	1.59	1.78	<b>1.80</b>	0.00	0.00	0.00	<b>0.00</b>	104	161	105	<b>370</b>
	b) Adult Male	3.40	3.96	3.28	<b>3.53</b>	1.94	0.00	1.65	<b>1.24</b>	0.00	0.00	0.00	<b>0.00</b>	83	76	87	<b>246</b>
	c) Young Stock upto 3 years	1.30	2.19	1.84	<b>1.85</b>	1.29	0.00	1.47	<b>0.82</b>	0.00	0.00	0.00	<b>0.00</b>	61	98	81	<b>240</b>
	d) Overall (%)	<b>27.09</b>	<b>42.58</b>	<b>30.33</b>	<b>100.00</b>	<b>39.64</b>	<b>21.90</b>	<b>38.46</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>248</b>	<b>335</b>	<b>273</b>	<b>856</b>

Source: LPS- 1.2. Block-II

## Meat Production – 2022-23

**Table 7.1: District wise & Season wise number of Animals & Poultry Slaughtered.**

Sl No.	Particulars	East Khasi Hills	Ri-Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	State	Source	
														Within the State	Brought from outside the State
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	<b>Category of Animals Slaughtered.</b>														
	<b>SUMMER</b>														
(a)	Cattle.	49476	9284	9266	2318	2475	8179	1982	2411	9943	1924	2383	<b>99641</b>	<b>89865</b>	<b>9776</b>
(b)	Buffaloes.	243	162	0	0	601	56	0	31	533	30	0	<b>1656</b>	<b>1656</b>	
(c)	Pig	59975	9888	7963	3061	5165	12718	2242	2275	11414	1624	9138	<b>125463</b>	<b>100840</b>	<b>24623</b>
(d)	Sheep & Goat.	17753	2334	400	642	4428	2729	153	1989	3956	1203	2167	<b>37754</b>	<b>35851</b>	<b>1903</b>
(e)	Poultry.	361218	66502	67398	19134	31076	108799	12186	23051	104844	8899	21063	<b>824170</b>	<b>751672</b>	<b>72498</b>
	<b>MONSOON</b>														
(a)	Cattle.	46914	10537	10216	2428	2926	8279	2069	2279	8736	1984	3444	<b>99812</b>	<b>97827</b>	<b>1985</b>
(b)	Buffaloes.	243	180	0	0	653	81	0	32	682	27	0	<b>1898</b>	<b>1898</b>	
(c)	Pig.	67892	12893	8939	2980	5582	12661	7406	2235	12441	1435	8648	<b>143112</b>	<b>134937</b>	<b>8175</b>
(d)	Sheep & Goat.	18786	1228	263	13162	4848	2837	215	1972	4392	1196	2316	<b>51215</b>	<b>50054</b>	<b>1161</b>
(e)	Poultry.	403687	76289	55761	194354	31621	106739	6103	20502	94704	8566	21374	<b>1019700</b>	<b>956865</b>	<b>62835</b>
	<b>WINTER</b>														
(a)	Cattle.	48839	9363	9879	2418	2724	8307	949	2458	8199	2241	3652	<b>99029</b>	<b>96757</b>	<b>2272</b>
(b)	Buffaloes.	238	162	0	0	598	105	0	27	553	25	0	<b>1708</b>	<b>1708</b>	
(c)	Pig.	51772	9577	7745	2954	4657	13807	2258	2811	10867	1747	7351	<b>115546</b>	<b>102982</b>	<b>12564</b>
(d)	Sheep & Goat.	16933	3252	438	11693	4484	2142	244	2074	4679	1228	2266	<b>49433</b>	<b>48367</b>	<b>1066</b>
(e)	Poultry.	532349	57667	34543	17779	25289	109447	12238	19170	64922	9608	20090	<b>903102</b>	<b>858948</b>	<b>44154</b>

**Table 7.2: District wise Numbers of Animals Slaughtered (Over-all)**

**(\*000 Numbers)**

Sl No	Category of Animals Slaughtered	East Khasi Hills	Ri-Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	Total	Source	
														Within the State	Brought from outside the State
1	2	3	4	5			6		7	8		9	10	11	12
1.	Cattle	145.23	29.18	29.36	7.16	8.13	24.77	5	7.15	26.88	6.15	9.48	<b>298.49</b>	284.46	14.03
2.	Buffaloes	0.72	0.5	0	0	1.85	0.24	0	0.09	1.77	0.08	0	<b>5.25</b>	5.25	0
3.	Pig	179.64	32.36	24.65	9	15.4	39.19	11.91	7.32	34.72	4.81	25.14	<b>384.14</b>	338.78	45.36
4.	Sheep & Goat	53.47	6.81	1.10	25.50	13.76	7.71	0.61	6.04	13.03	3.63	6.75	<b>138.41</b>	134.28	4.13
5.	Poultry	1297.25	200.46	157.7	231.27	87.99	324.99	30.53	62.72	264.47	27.07	62.53	<b>2746.98</b>	2567.49	179.49



**Table 7.3: District wise & Season wise Average Yield per Animals (In Kg.).**

Sl No.	Particulars	East Khasi Hills	Ri-Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	State
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	<b>Category of Animals</b>												
	<b>Slaughter.</b>												
	<b>SUMMER</b>												
(a)	Cattle.	94.62	94.11	94.11	93.73	93.49	93.52	92.48	92.93	92.98	92.64	93.04	<b>94.06</b>
(b)	Buffaloes.	119.00	119.00	0.00	0.00	119.00	119.00	0.00	117.00	119.00	119.00	0.00	<b>119.00</b>
(c)	Pig.	46.64	46.71	46.63	44.99	47.50	47.35	41.82	42.91	42.81	42.48	43.04	<b>45.90</b>
(d)	Sheep & Goat.	9.56	9.31	9.37	9.52	9.77	9.60	9.27	9.41	9.51	8.10	9.11	<b>9.48</b>
(e)	Poultry.	1.43	1.45	1.47	1.47	1.48	1.46	1.01	1.25	1.47	1.44	1.43	<b>1.43</b>
	<b>MONSOON</b>												
(a)	Cattle.	94.52	94.62	94.71	94.47	94.18	94.12	92.51	93.76	93.59	92.85	93.39	<b>94.29</b>
(b)	Buffaloes.	119.00	119.00	0.00	0.00	119.00	118.00	0.00	119.00	118.00	119.00	0.00	<b>119.00</b>
(c)	Pig.	47.20	47.01	47.13	46.72	47.36	47.65	42.42	42.99	43.00	42.68	43.42	<b>46.26</b>
(d)	Sheep & Goat.	9.72	9.46	9.73	9.55	9.65	9.40	9.55	9.58	9.53	9.61	9.45	<b>9.61</b>
(e)	Poultry.	1.53	1.56	1.55	1.58	1.55	1.52	1.47	1.46	1.44	1.47	1.46	<b>1.53</b>
	<b>WINTER</b>												
(a)	Cattle.	94.36	94.91	94.74	94.84	94.84	94.75	91.29	93.80	92.88	93.23	93.53	<b>94.31</b>
(b)	Buffaloes.	119.00	119.00	0.00	0.00	118.00	118.00	0.00	117.00	118.00	119.00	0.00	<b>118.00</b>
(c)	Pig.	46.57	44.20	47.22	47.08	47.41	47.98	43.35	42.58	43.18	42.61	42.31	<b>45.82</b>
(d)	Sheep & Goat.	9.44	9.42	9.58	9.61	9.58	9.48	9.55	9.57	9.43	9.64	9.95	<b>9.54</b>
(e)	Poultry.	1.44	1.50	1.45	1.46	1.44	1.46	1.45	1.44	1.44	1.48	1.47	<b>1.45</b>

**Table 7.4: District wise Average Yield per Animal (In Kg.) Over-all**

Sl No.	Name of Districts	Cattle	Buffaloes	Pigs	Sheep & Goat	Poultry
1	2	3	4	5	6	7
1.	East Khasi Hills	94.35	120.83	48.06	9.97	1.46
2.	Ri – Bhoi	94.11	118.00	48.67	6.61	1.53
3.	West Khasi Hills	92.54		48.11	9.09	1.48
4	South West Khasi Hills	91.34		45.56	14.75	1.56
5	East Jaintia Hills	90.53	117.30	48.12	9.67	1.47
6	West Jaintia Hills	91.28	100.00	46.08	9.73	1.36
7	North Garo Hills	87.00		42.57	8.20	1.31
8	East Garo Hills	84.20	133.33	42.08	9.11	1.39
9	West Garo Hills	90.96	115.82	41.88	9.13	1.41
10	South West Garo Hills	86.00	175.00	42.20	9.37	1.40
11	South Garo Hills	84.00		43.75	9.48	1.49
	Meghalaya	<b>92.56</b>	<b>117.71</b>	<b>46.66</b>	<b>10.47</b>	<b>1.45</b>

**Table 7.5: District wise & Season-wise Meat Production (In Tonnes)**

Sl No.	Particulars	East Khasi Hills	Ri-Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	State	Source	
														Within the State	Brought from outside the State
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	<b>SUMMER</b>														
1.	Cattle.	4681	874	872	217	231	765	183	224	924	178	222	<b>9371</b>	8451	920
2.	Buffaloes	29	19	0	0	71	7	0	4	63	4	0	<b>197</b>	197	0
3.	Pigs	2797	462	371	138	245	602	94	98	489	69	393	<b>5758</b>	4628	1130
4.	Sheep & Goat.	170	22	4	6	43	26	1	19	38	10	20	<b>359</b>	341	18
5.	Poultry.	515	96	99	28	46	159	12	29	154	13	30	<b>1181</b>	1077	104
	<b>TOTAL</b>	<b>8192</b>	<b>1473</b>	<b>1346</b>	<b>389</b>	<b>636</b>	<b>1559</b>	<b>290</b>	<b>374</b>	<b>1668</b>	<b>274</b>	<b>665</b>	<b>16866</b>	<b>14694</b>	<b>2172</b>
	<b>MONSOON</b>														
1.	Cattle.	4434	997	968	229	276	779	191	214	818	184	322	<b>9412</b>	9225	187
2.	Buffaloes	29	21	0	0	77	10	0	4	81	3	0	<b>225</b>	225	0
3.	Pigs	3204	606	421	139	264	603	314	96	535	61	375	<b>6618</b>	6240	378
4.	Sheep & Goat.	183	12	3	126	47	27	2	19	42	11	22	<b>494</b>	483	11
5.	Poultry.	618	119	86	307	49	162	9	30	137	13	31	<b>1561</b>	1465	96
	<b>TOTAL</b>	<b>8468</b>	<b>1755</b>	<b>1478</b>	<b>801</b>	<b>713</b>	<b>1581</b>	<b>516</b>	<b>363</b>	<b>1613</b>	<b>272</b>	<b>750</b>	<b>18310</b>	<b>17638</b>	<b>672</b>
	<b>WINTER</b>														
1.	Cattle.	4588	875	877	208	229	717	61	164	703	168	255	<b>8845</b>	8845	0
2.	Buffaloes	29	19	0	0	69	7	0	4	61	7	0	<b>196</b>	-380	576
3.	Pigs	2632	507	394	133	232	601	99	114	430	73	332	<b>5547</b>	5537	10
4.	Sheep & Goat.	180	11	3	244	43	22	2	17	39	13	22	<b>596</b>	532	64
5.	Poultry.	758	91	49	25	34	122	19	28	82	12	32	<b>1252</b>	1252	0
	<b>TOTAL</b>	<b>8187</b>	<b>1503</b>	<b>1323</b>	<b>610</b>	<b>607</b>	<b>1469</b>	<b>181</b>	<b>327</b>	<b>1315</b>	<b>273</b>	<b>641</b>	<b>16436</b>	<b>15786</b>	<b>650</b>
	<b>OVERALL</b>	<b>24847</b>	<b>4731</b>	<b>4147</b>	<b>1800</b>	<b>1956</b>	<b>4609</b>	<b>987</b>	<b>1064</b>	<b>4596</b>	<b>819</b>	<b>2056</b>	<b>51612</b>	<b>48118</b>	<b>3494</b>

**Table 7.6: District wise Season wise Total Meat Production (In Tonnes).**

Sl No	Particulars	East Khasi Hills	Ri-Bhoi	West Khasi Hills	South West Khasi Hills	East Jaintia Hills	West Jaintia Hills	North Garo Hills	East Garo Hills	West Garo Hills	South West Garo Hills	South Garo Hills	Total	Source	
														Within the State	Brought from outside the State
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	Cattle	13703	2746	2717	654	736	2261	435	602	2445	530	799	<b>27628</b>	26521	1107
2	Buffaloes	87	59	0	0	217	24	0	12	205	14	0	<b>618</b>	42	576
3.	Pig	8633	1575	1186	410	741	1806	507	308	1454	203	1100	<b>17923</b>	16405	1518
4.	Sheep & Goat	533	45	10	376	133	75	5	55	119	34	64	<b>1449</b>	1356	93
5.	Poultry	1891	306	234	360	129	443	40	87	373	38	93	<b>3994</b>	3794	200
	<b>TOTAL</b>	<b>24847</b>	<b>4731</b>	<b>4147</b>	<b>1800</b>	<b>1956</b>	<b>4609</b>	<b>987</b>	<b>1064</b>	<b>4596</b>	<b>819</b>	<b>2056</b>	<b>51612</b>	<b>48118</b>	<b>3494</b>

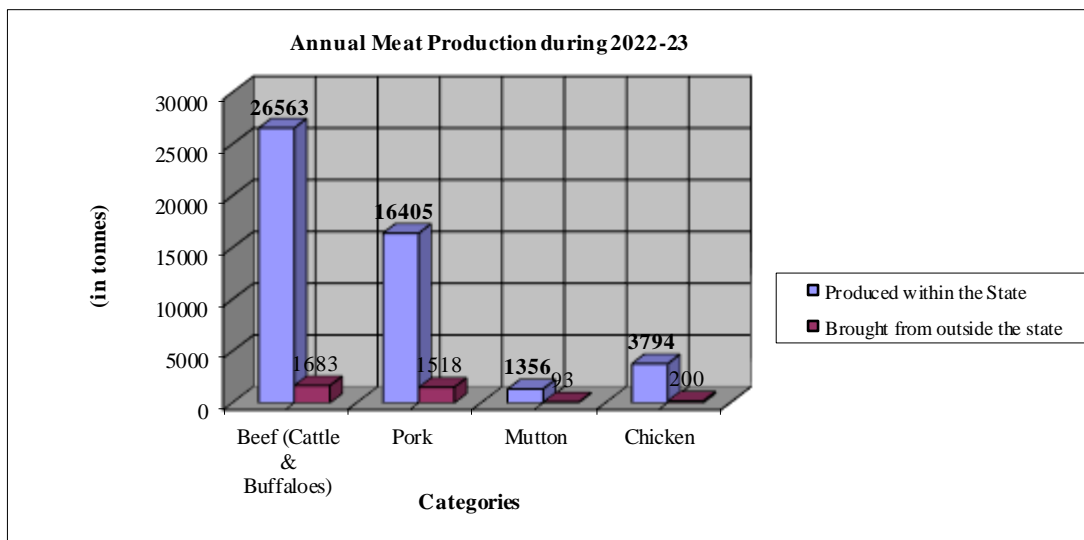
**Table 7.7: District wise and Category wise Meat Production and Percentage Contribution to Total Meat Production (in tonnes)**

Sl No.	Name of Districts	Meat Production Category Wise (Tonnes)						Annual Production 2022-23 (Col 5 – 8)	Percentage Contribution to Total Meat Production
		Cattle	Buffalo	Total Beef	Pork	Mutton	Chicken		
1	2	3	4	5	6	7	8	9	10
1.	East Khasi Hills	13703	87	13790	8633	533	1891	24847	<b>48.14 %</b>
2.	Ri – Bhoi	2746	59	2805	1575	45	306	4731	<b>9.17 %</b>
3.	West Khasi Hills	2717	0	2717	1186	10	234	4147	<b>8.03 %</b>
4	South West Khasi Hills	654	0	654	410	376	360	1800	<b>3.49 %</b>
5	East Jaintia Hills	736	217	953	741	133	129	1956	<b>3.79 %</b>
6	West Jaintia Hills	2261	24	2285	1806	75	443	4609	<b>8.93 %</b>
7	North Garo Hills	435	0	435	507	5	40	987	<b>1.91 %</b>
8	East Garo Hills	602	12	614	308	55	87	1064	<b>2.06 %</b>
9	West Garo Hills	2445	205	2650	1454	119	373	4596	<b>8.9 %</b>
10	South West Garo Hills	530	14	544	203	34	38	819	<b>1.59 %</b>
11	South Garo Hills	799	0	799	1100	64	93	2056	<b>3.98 %</b>
	<b>State (Overall)</b>	<b>27628</b>	<b>618</b>	<b>28246</b>	<b>17923</b>	<b>1449</b>	<b>3994</b>	<b>51612</b>	<b>100 %</b>
	Percentage Contribution of each species to total production	<b>53.53%</b>	<b>1.2%</b>	<b>54.73%</b>	<b>34.73%</b>	<b>2.81%</b>	<b>7.74%</b>	<b>100%</b>	

**Table 7.8: Total Meat production with Per Capita Availability & Growth Rate.**

Sl No.	Items	Annual Meat Production (in tonnes)						Percentage Increase (+) or Decrease (-) over Previous year
		2021-22			2022-23			
		Produced within the State	Brought from outside the State	Total	Produced within the State	Brought from outside the State	Total	
1	2	3	4	5	6	7	8	9
1	Beef (Cattle & Buffaloes)	18434	2487	20921	26563	1683	28246	35.01%
2	Pork	9364	2942	12306	16405	1518	17923	45.64%
3	Mutton	1208	102	1310	1356	93	1449	10.53%
4	Chicken	2534	166	2700	3794	200	3994	47.93%
5	Total	<b>31540</b>	<b>5697</b>	<b>37237</b>	<b>48118</b>	<b>3494</b>	<b>51612</b>	<b>38.6%</b>

**N.B: Estimation on import of Meat (brought from outside the State) was based on the information reported from the District Offices of the Department of A.H. & Veterinary Meghalaya.**



**7.9: Per Capita Availability of Meat Grams / Day 2022-23**

Items	Per Capita Availability
Beef	22.84
Pork	14.49
Mutton	1.17
Chicken	3.23
<b>Total</b>	<b>41.74</b>

**Table 7.10: Estimated Number of Animals Slaughtered from 1983-84.**

Year	Number of Animals Slaughtered ('000' Nos.)				
	Cattle	Buffaloes	Pig	Sheep & Goat	Poultry
1983-84	104.5	0.1	88.9	56.7	N.S
1984-85	108.7	0.5	96.7	55.9	N.S
1985-86	116.0	0.6	125.7	68.9	N.S
1986-87	125.7	0.6	143.6	76.5	N.S
1987-88	132.3	0.5	146.9	77.8	N.S
1988-89	141.4	0.6	155.0	85.7	645.7
1989-90	146.8	0.6	159.8	94.9	684.9
1990-91	157.5	1.0	159.1	103.1	739.7
1991-92	171.6	1.2	169.5	117.6	792.7
1992-93	172.4	0.9	161.7	114.5	905.5
1993-94	174.7	0.6	166.9	107.8	1096
1994-95	179.1	1.4	170.4	108.8	1175
1995-96	193.4	0.9	190.1	116.4	1688
1996-97	183.4	2.9	176.5	131.3	1603
1997-98	185.1	1.7	170.6	138.3	17860
1998-99	191.9	1.9	184.7	122.4	1870
1999-2000	196.9	0.5	191.5	114.4	3102
2000-01	217.0	3.5	184.3	140.1	3243
2001-02	212.0	0.5	194.6	136.1	3566
2002-03	217.54	0.70	209.24	155.47	3739
2003-04	214.32	3.60	228.47	108.70	3209
2004-05	238.63	3.72	249.45	119.12	3101
2005-06	231.4	4.0	243.2	114.30	3395
2006-07	236.04	4.14	236.35	113.91	3679
2007-08	237.49	4.21	237.3	114.77	3696
2008-09	241.13	4.24	239.51	115.51	3650.37
2009-10	245.37	4.35	232.79	117.05	3757.87
2010-11	251.46	4.46	236.13	118.08	3799.39
2011-12	253.09	4.72	238.17	120.43	3796.18
2012-13	252.52	4.59	236.69	118.98	3792.53
2013-14	254.39	4.72	251.53	124.06	3422.45
2014-15	240.82	3.16	231.98	107.11	2974.44
2015-16	263.29	5.19	262.94	128.45	3164.09

**Table 7.10: Estimated Number of Animals Slaughtered from 1983-84.**

Year	Number of Animals Slaughtered ('000' Nos.)				
	Cattle	Buffaloes	Pig	Sheep & Goat	Poultry
2016-17	251.81	4.72	319.78	132.81	2870.14
2017-18	257.44	4.83	331.12	130.02	2651.79
2018-19	264.95	5.52	336.19	128.91	3344.21
2019-20	275.00	5.31	334.55	129.45	3262.35
2020-21	230.19	5.73	282.45	111.25	2913.59
2021-22	222.75	4.33	269.91	138.96	1999.52
2022-23	298.49	5.25	384.14	138.41	2746.98



**Table 7.11: Average Meat Yield per Animal. (Kgs) from 1983-84.**

Year	Average Meat Yield Per Animal (Kgs.)				
	Cattle	Buffaloes	Pig	Sheep & Goat	Poultry
1983-84	81.26	133.70	36.15	11.84	-
1984-85	79.03	134.50	36.50	11.73	-
1985-86	73.12	132.80	34.53	10.38	-
1986-87	71.77	132.83	36.23	11.69	-
1987-88	74.77	138.38	41.02	11.50	-
1988-89	76.92	137.21	40.73	10.86	0.84
1989-90	76.30	137.21	41.22	10.19	0.84
1990-91	78.90	123.90	38.90	9.22	0.84
1991-92	78.94	130.36	38.84	9.10	0.84
1992-93	79.57	130.36	41.10	9.13	1.0
1993-94	82.23	127.70	41.54	9.56	0.98
1994-95	84.18	129.90	41.52	10.04	1.05
1995-96	81.62	129.36	42.35	9.66	0.83
1996-97	93.60	117.36	43.02	9.58	0.86
1997-98	95.36	122.01	46.08	9.78	0.97
1998-99	95.00	130.32	44.59	9.84	0.92
1999-2000	94.35	122.26	46.07	9.17	1.00
2000-01	93.49	127.69	45.49	9.35	0.99
2001-02	96.21	122.62	43.73	9.06	1.00
2002-03	97.34	120.63	42.77	9.02	1.04
2003-04	97.47	109.38	43.36	9.03	1.08
2004-05	88.98	106.00	42.15	9.09	1.07
2005-06	90.51	113.95	43.01	8.94	1.08
2006-07	88.60	117.63	42.29	9.04	1.08
2007-08	88.71	117.57	42.46	9.02	1.09
2008-09	88.73	117.46	42.41	8.99	1.09
2009-10	88.89	117.47	42.48	8.99	1.08
2010-11	88.46	117.29	42.48	8.99	1.08
2011-12	88.37	116.92	42.48	9.02	1.09
2012-13	88.67	117.90	42.87	10.00	1.13
2013-14	89.39	119.11	44.38	10.57	1.33
2014-15	89.60	117.80	43.24	10.20	1.30
2015-16	89.76	117.92	43.34	10.31	1.32

**Table 7.11: Average Meat Yield per Animal. (Kgs) from 1983-84.**

Year	Average Meat Yield Per Animal (Kgs.)				
	Cattle	Buffaloes	Pig	Sheep & Goat	Poultry
2016-17	89.86	117.89	43.35	10.32	1.32
2017-18	89.86	117.89	43.35	10.32	1.32
2018-19	89.86	117.89	43.35	10.32	1.32
2019-20	89.80	118.27	45.64	9.56	1.36
2020-21	89.69	117.63	45.67	9.47	1.37
2021-22	90.17	118.00	45.57	9.45	1.38
2022-23	92.56	117.71	46.66	10.47	1.45

**Table 7.12: Total Meat production from 1983-84.**

Year	Total Meat Production ('000' Tonnes.)				
	Cattle & Buffaloes	Pig	Sheep & Goat	Poultry	Total
1983-84	8.5	3.2	0.7	-	12.4
1984-85	8.7	3.5	0.6	-	12.8
1985-86	8.6	4.3	0.7	-	13.6
1986-87	9.1	5.2	0.9	-	15.2
1987-88	10.0	6.0	0.9	-	16.9
1988-89	11.0	6.3	0.9	0.5	18.7
1989-90	11.3	6.6	1.0	0.5	19.4
1990-91	12.6	6.2	0.9	0.6	20.3
1991-92	13.7	6.6	1.1	0.6	22.0
1992-93	13.8	6.7	1.0	0.9	22.4
1993-94	14.5	6.9	1.0	1.1	23.5
1994-95	15.3	7.1	1.1	1.2	24.7
1995-96	15.9	8.0	1.1	1.4	26.5
1996-97	17.5	7.6	1.2	1.4	27.7
1997-98	17.9	7.9	1.3	1.7	28.8
1998-99	18.5	8.2	1.2	1.7	29.6
1999-2000	18.6	8.8	1.1	3.1	31.6
2000-01	20.7	8.4	1.3	3.2	33.6
2001-02	20.5	8.5	1.2	3.6	33.8
2002-03	21.3	8.9	1.4	3.9	35.5
2003-04	21.3	9.9	1.0	3.4	35.6
2004-05	21.6	10.5	1.1	3.2	36.4
2005-06	21.43	10.46	1.02	3.65	36.56
2006-07	21.40	10.00	1.03	3.98	36.41
2007-08	21.56	10.07	1.04	4.02	36.69
2008-09	21.89	10.16	1.04	3.99	37.08
2009-10	22.32	9.89	1.05	4.06	37.33
2010-11	22.77	10.02	1.06	4.09	37.94
2011-12	22.92	10.10	1.09	4.14	38.25
2012-13	22.93	10.15	1.19	4.26	38.53
2013-14	23.30	11.16	1.31	4.56	40.33
2014-15	24.65	11.08	1.30	4.29	41.32
2015-16	24.25	11.40	1.32	4.17	41.14

**Table 7.12: Total Meat production from 1983-84.**

Year	Total Meat Production ('000' Tonnes.)				
	Cattle & Buffaloes	Pig	Sheep & Goat	Poultry	Total
2016-17	23.182	13.863	1.369	3.76	42.179
2017-18	23.741	14.41	1.35	3.62	43.118
2018-19	24..389	14.926	1.255	4.556	45.126
2019-20	25.323	15.269	1.238	4.441	46.271
2020-21	21.319	12.900	1.053	3.985	39.257
2021-22	20.977	12.31	1.309	2.76	37.352
2022-23	28.246	17.923	1.449	3.994	51.612

## ANNEXURE – I

### Comparative Analysis showing production estimate with effect from the year 1983-84

Year	Milk Production (‘000’ tonnes)	Meat Production (‘000’ tonnes)	Egg Production (Million Nos.)
1	2	3	4
1983-84	40.2	12.4	51.4
1984-85	43.6	12.8	54.9
1985-86	46.2	13.6	57.8
1986-87	47.2	15.2	60.0
1987-88	40.9	16.9	61.6
1988-89	46.7	18.7	63.5
1989-90	47.4	19.4	63.7
1990-91	48.4	20.3	66.5
1991-92	50.4	22.0	66.8
1992-93	51.6	22.4	70.0
1993-94	52.9	23.5	73.0
1994-95	54.0	24.7	75.0
1995-96	55.4	26.5	77.0
1996-97	57.4	27.7	79.2
1997-98	59.1	28.8	81.4
1998-99	60.7	29.6	82.6
1999-2000	61.6	31.6	84.7
2000-2001	64.0	33.0	87.0
2001-2002	65.8	34.0	90.2
2002-03	67.7	35.5	91.6
2003-04	68.25	35.6	93.6
2004-05	71.3	36.4	94.6
2005-06	73.43	36.55	96.25
2006-07	74.62	36.41	97.8
2007-08	76.50	36.69	98.90
2008-09	77.50	37.08	99.77
2009-10	78.21	37.33	99.97
2010-11	79.13	37.94	101.14
2011-12	79.67	38.25	102.06
2012-13	80.49	38.53	102.76
2013-14	82.16	40.33	104.94
2014-15	82.96	41.32	105.7
2015-16	83.924	41.14	106.36

**ANNEXURE – I**

**Comparative Analysis showing production estimate with effect from the year 1983-84**

Year	Milk Production (‘000’ tonnes)	Meat Production (‘000’ tonnes)	Egg Production (Million Nos.)
1	2	3	4
2016-17	84.19	42.17	106.39
2017-18	85.27	43.118	107.37
2018-19	86.28	45.126	109.04
2019-20	87.48	46.27	1102.02
2020-21	89.136	39.257	1107.86
2021-22	90.214	37.352	1114.65
2022-23	93.424	51.612	1127.94





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