

**Annexure - V**  
**Milk Production**



**Table 5.1: Share of Milk Production by Animal Category**

Values as percent of total milk production

SI No	State	Animal Category			
		IC	CB	Buff	All
1	2	3	4	5	6
1	Punjab	5	29	67	100
2	Haryana	4	8	88	100
3	Rajasthan	19	12	69	100
4	Uttar Pradesh	5	14	81	100
5	Bihar	21	33	46	100
6	West Bengal	54	43	3	100
7	Odisha	38	60	3	100
8	Madhya Pradesh	26	12	63	100
9	Gujarat	12	10	77	100
10	Maharashtra	12	46	42	100
11	Andhra Pradesh	5	30	65	100
12	Karnataka	17	58	24	100
13	Kerala	2	94	4	100
14	Tamil Nadu	8	83	9	100
<b>All States</b>		<b>12</b>	<b>35</b>	<b>53</b>	<b>100</b>

**Note:** Weighted Estimate**Table 5.2a: Milk Yield by Animal Category**

Values in liters per day per in-milk animal

SI No	State	Animal Category			
		IC	CB	Buffalo	All In Milk
1	2	3	4	5	6
1	Punjab	4.60	9.10	5.60	6.20
2	Haryana	3.50	6.30	6.60	6.40
3	Rajasthan	4.70	6.80	6.20	5.90
4	Uttar Pradesh	2.90	5.00	5.10	4.90
5	Bihar	2.00	4.70	3.50	3.30
6	West Bengal	1.70	3.40	4.40	2.20
7	Odisha	1.70	4.40	2.60	2.70
8	Madhya Pradesh	2.40	5.50	4.30	3.60
9	Gujarat	4.30	8.60	5.30	5.30
10	Maharashtra	3.20	6.10	4.90	5.00
11	Andhra Pradesh	3.40	5.90	3.70	4.20
12	Karnataka	3.50	6.40	3.60	4.80
13	Kerala	2.70	9.40	9.60	9.00
14	Tamil Nadu	3.40	6.60	4.60	6.00
<b>All States</b>		<b>3.06</b>	<b>6.30</b>	<b>5.11</b>	<b>5.03</b>

**Note:** Weighted Estimate

**Table 5.2b: Milk Yield by Milch Animal Holding Size**

Values in liters per day per in-milk animal

SI No	State	Herd Size of Milch Animals					
		1	2	3	4	>4	All
1	2	3	4	5	6	7	8
1	Punjab	5.40	6.00	6.70	6.40	8.10	6.20
2	Haryana	6.10	6.50	7.20	6.20	5.20	6.40
3	Rajasthan	5.50	6.00	5.80	6.90	6.40	5.90
4	Uttar Pradesh	4.20	4.90	5.60	5.30	7.00	4.90
5	Bihar	3.20	3.50	3.40	0.90	4.60	3.30
6	West Bengal	1.80	2.20	3.10	2.10	4.80	2.20
7	Odisha	2.50	3.10	2.30	1.40	3.80	2.70
8	Madhya Pradesh	2.80	3.40	4.60	3.50	4.50	3.60
9	Gujarat	4.60	5.30	6.00	6.40	7.70	5.30
10	Maharashtra	3.80	4.20	5.10	6.60	7.10	5.00
11	Andhra Pradesh	4.20	4.10	4.10	4.00	4.40	4.20
12	Karnataka	4.90	4.70	5.10	4.40	4.40	4.80
13	Kerala	8.20	9.40	9.50	9.10	9.40	9.00
14	Tamil Nadu	5.60	6.20	6.10	7.30	5.40	6.00
<b>All States</b>		<b>4.46</b>	<b>5.11</b>	<b>5.51</b>	<b>5.61</b>	<b>5.73</b>	<b>5.03</b>

**Note:** Weighted Estimate**Table 5.2c: Milk Yield by Lactations Completed**

Values in liters per day per in-milk animal

SI No	State	No. of Lactation Completed						
		1 Lactation	2 Lactations	3 Lactations	4 Lactations	5 Lactations	>5 Lactations	All
1	2	3	4	5	6	7	8	9
1	Punjab	5.60	6.10	6.50	6.30	6.50	6.30	6.10
2	Haryana	6.10	6.20	6.70	6.70	7.70	5.30	6.40
3	Rajasthan	5.50	6.10	6.20	5.90	5.70	5.60	5.90
4	Uttar Pradesh	4.20	5.20	5.20	5.40	5.50	5.10	5.00
5	Bihar	3.10	3.50	3.60	3.00	2.60	3.30	3.30
6	West Bengal	1.80	2.20	2.70	2.70	1.90	3.30	2.20
7	Odisha	3.10	2.10	2.60	1.90	5.50	1.90	2.70
8	Madhya Pradesh	3.40	3.50	3.80	4.00	4.50	2.90	3.60
9	Gujarat	5.20	5.50	5.60	5.20	5.30	4.30	5.40
10	Maharashtra	4.20	5.20	5.70	5.80	6.00	3.90	5.10
11	Andhra Pradesh	4.10	4.60	4.70	4.70	4.50	3.50	4.40
12	Karnataka	4.70	5.10	5.40	5.60	5.20	4.20	5.00
13	Kerala	9.00	8.90	9.00	9.40	11.70	-	9.10
14	Tamil Nadu	5.60	6.30	6.40	6.10	5.50	-	6.10
<b>All States</b>		<b>4.57</b>	<b>5.16</b>	<b>5.38</b>	<b>5.28</b>	<b>5.37</b>	<b>4.54</b>	<b>5.03</b>

**Note:** Weighted Estimate

**Table 5.2d: Milk Yield by Social Group**

Values in liters per day per in-milk animal

SI No	State	Social Group				
		General	SC	ST	OBC	All
1	2	3	4	5	6	7
1	Punjab	6.7	5.1	-	6	6.2
2	Haryana	6.8	4.8	-	6.5	6.4
3	Rajasthan	5.2	5.2	5.9	6.3	5.9
4	Uttar Pradesh	5.3	4.3	3.6	4.9	4.9
5	Bihar	3.3	3.1	1.8	3.4	3.3
6	West Bengal	2.3	1.8	2.3	2.7	2.2
7	Odisha	3.6	2.2	1.1	2.4	2.7
8	Madhya Pradesh	4.1	2.7	2.4	3.8	3.6
9	Gujarat	5.6	5.5	3.1	5.6	5.3
10	Maharashtra	5.4	5	3.5	4.5	5
11	Andhra Pradesh	4.3	3.8	3.3	4.2	4.2
12	Karnataka	5.2	4.1	4.9	4.4	4.8
13	Kerala	8.9	8.8	9.9	9.1	9
14	Tamil Nadu	4.4	5.9	5.4	6.2	6
<b>All States</b>		<b>5.14</b>	<b>4.33</b>	<b>4.43</b>	<b>5.22</b>	<b>5.03</b>

"-": ST households did not get selected in the sample

**Note:** Weighted Estimate**Table: 5.2e: Milk Yield by Economic Group**

Values in litres per day per in-milk animal

SI No	State	Economic Group		
		APL	BPL+Antyodaya	All
1	2	3	4	5
1	Punjab	6.40	4.90	6.20
2	Haryana	6.80	4.80	6.40
3	Rajasthan	6.00	5.50	5.90
4	Uttar Pradesh	4.90	4.70	4.90
5	Bihar	3.60	3.00	3.30
6	West Bengal	2.50	1.80	2.20
7	Odisha	2.90	2.40	2.70
8	Madhya Pradesh	3.80	3.40	3.60
9	Gujarat	5.70	4.70	5.30
10	Maharashtra	5.40	4.50	5.00
11	Andhra Pradesh	4.10	4.20	4.20
12	Karnataka	4.80	4.70	4.80
13	Kerala	9.00	9.00	9.00
14	Tamil Nadu	6.50	5.70	6.00
<b>All States</b>		<b>5.32</b>	<b>4.63</b>	<b>5.03</b>

**Note:** Weighted Estimate

**Table 5.2f: Milk Yield by Land Holding Class**

Values in liters per day per in-milk animal

SI No	State	Land Holding Class						
		Land less	Marginal Farmers (<1 Ha)	Small Farmers (1-2 Ha)	Semi-medium Farmers (2-4 Ha)	Medium Farmers (4-10 Ha)	Large Farmers >10 Ha	All
1	2	3	4	5	6	7	8	9
1	Punjab	4.90	6.10	6.60	6.80	8.60	9.50	6.20
2	Haryana	5.00	6.40	6.00	7.30	7.00	7.50	6.40
3	Rajasthan	4.60	5.60	6.30	6.10	6.80	5.60	5.90
4	Uttar Pradesh	4.50	4.30	4.70	5.30	5.40	6.00	4.90
5	Bihar	3.00	3.20	4.50	3.40	3.10	4.60	3.30
6	West Bengal	2.00	2.30	2.10	2.50	2.40	-	2.20
7	Odisha	2.20	2.70	3.20	2.10	3.20	4.90	2.70
8	Madhya Pradesh	2.50	3.50	3.60	4.30	4.20	3.70	3.60
9	Gujarat	5.40	4.80	5.70	6.00	6.60	6.00	5.30
10	Maharashtra	4.00	4.70	5.20	5.30	6.10	6.10	5.00
11	Andhra Pradesh	3.60	4.30	4.70	3.80	4.30	7.90	4.20
12	Karnataka	3.70	4.90	5.00	6.00	4.10	3.50	4.80
13	Kerala	9.50	8.90	7.70	4.80	9.00	2.00	9.00
14	Tamil Nadu	5.90	5.60	6.10	6.80	6.90	5.60	6.00
<b>All States</b>		<b>4.70</b>	<b>4.65</b>	<b>5.22</b>	<b>5.62</b>	<b>5.88</b>	<b>5.81</b>	<b>5.03</b>

-: Not Applicable

**Note:** Weighted Estimate

**Table 5.3a: Milk Production per Household by Social Group**

Values in litres per day

SI No	State	General	SC	ST	OBC	All
1	2	3	4	5	6	7
1	Punjab	12.20	6.00	NA	9.30	9.80
2	Haryana	9.40	5.40	NA	8.70	8.50
3	Rajasthan	7.10	6.30	10.20	10.00	8.90
4	Uttar Pradesh	7.70	5.20	5.20	6.80	6.60
5	Bihar	3.80	3.30	1.90	3.70	3.60
6	West Bengal	2.60	2.00	2.50	3.50	2.50
7	Odisha	4.40	2.70	1.20	3.10	3.30
8	Madhya Pradesh	6.70	3.60	3.20	5.80	5.50
9	Gujarat	8.10	7.40	3.70	7.90	7.50
10	Maharashtra	9.10	7.50	5.30	8.00	8.60
11	Andhra Pradesh	7.60	6.00	5.90	6.60	6.90
12	Karnataka	7.50	5.90	7.30	6.60	7.00
13	Kerala	13.70	12.50	17.70	13.30	13.40
14	Tamil Nadu	14.60	7.80	7.60	9.50	9.40
<b>All States</b>		<b>7.76</b>	<b>5.39</b>	<b>6.33</b>	<b>7.63</b>	<b>7.23</b>

**Note:** Weighted Estimate**Table 5.3b: Milk Production per Household by Economic Group**

Values in litres per day

SI No	State	APL	BPL+Antyodaya	All
1	2	3	4	5
1	Punjab	10.30	5.90	9.80
2	Haryana	9.30	5.70	8.50
3	Rajasthan	9.30	7.20	8.90
4	Uttar Pradesh	6.90	6.00	6.60
5	Bihar	4.10	3.20	3.60
6	West Bengal	2.90	1.90	2.50
7	Odisha	3.90	2.70	3.30
8	Madhya Pradesh	5.90	4.90	5.50
9	Gujarat	8.00	6.40	7.50
10	Maharashtra	9.70	6.90	8.60
11	Andhra Pradesh	9.30	6.60	6.90
12	Karnataka	8.10	6.70	7.00
13	Kerala	14.30	12.50	13.40
14	Tamil Nadu	12.50	8.20	9.40
<b>All States</b>		<b>7.99</b>	<b>6.28</b>	<b>7.23</b>

**Note:** Weighted Estimate

**Table 5.3c: Milk Production per Household by Land Holding Class**

Values in litres per day

SI No	State	Landless	Marginal Farmers (<1 Ha)	Small Farmers (1-2 Ha)	Semi-medium Farmers (2-4 Ha)	Medium Farmers (4-10 Ha)	Large Farmers > 10 Ha	All
1	2	3	4	5	6	7	8	9
1	Punjab	5.66	9.85	13.60	12.13	21.15	32.01	9.76
2	Haryana	5.75	8.09	8.24	10.47	10.61	10.39	8.48
3	Rajasthan	5.34	7.92	10.28	9.63	11.50	13.62	8.86
4	Uttar Pradesh	5.50	5.33	6.17	7.84	7.96	11.31	6.65
5	Bihar	3.20	3.54	5.54	3.91	3.08	6.93	3.64
6	West Bengal	2.19	2.62	2.58	4.71	2.95	-	2.51
7	Odisha	2.33	3.27	3.74	2.94	6.22	14.75	3.29
8	Madhya Pradesh	3.24	5.00	5.33	6.97	7.41	8.16	5.49
9	Gujarat	6.88	6.57	7.96	9.21	10.61	11.09	7.46
10	Maharashtra	6.18	7.24	9.19	9.30	12.72	12.54	8.55
11	Andhra Pradesh	5.32	6.51	8.80	10.81	12.61	15.63	6.85
12	Karnataka	5.52	7.18	7.24	9.47	6.84	4.47	7.01
13	Kerala	14.60	13.35	8.75	4.81	9.00	2.00	13.43
14	Tamil Nadu	8.26	8.02	10.79	12.37	20.74	33.04	9.42
<b>All States</b>		<b>6.11</b>	<b>6.32</b>	<b>7.82</b>	<b>8.89</b>	<b>10.11</b>	<b>12.97</b>	<b>7.23</b>