



# Estimated production of major livestock products based on Integrated sample survey 2016-17 rainy season (July-October 2016)

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The Integrated Sample Survey is a regular sample survey under taken on a general principle of 15% sample basis across the country. The sample Villages/Urban wards are selected from the entire rural and urban areas of States/UTs and the survey is conduct by the States/UTs in three seasons. The list of latest Livestock Census villages constitutes the sampling frame. As per general principle, for the estimation of livestock numbers, 15% (5% for each season) of the villages/urban wards will be selected in the form of two independent sub-samples in a State for complete enumeration of livestock and poultry population by using Simple Random Sampling Without Replacement (SRSWOR). Subsequently, 5 samples will be selected from each of the sub-sample to carry out detailed survey for the estimation of yield rates. The number of sample will increase or decrease according to the number of villages in each district.

**2. Period of Survey:** The Survey period for rainy season was **1<sup>st</sup> July, 2016 to 31<sup>st</sup> October, 2016.**

**3. Key Findings:** The key finding of the survey is summarised as under:

**3.1 Milk Production:** The total milk production has increased from 52.21 Million Tonnes during 2015-16 (Rainy) to 54.50 Million Tonnes during 2016-17 (Rainy) registering a growth 4.38%. As against the targeted production of 163.74 Million Tonnes during 2016-17, the total estimated production in two seasons, summer and rainy, is 105.42 Million Tonnes showing an achievement of 64.38%. Further, as compared to previous year's (2015-16) rainy estimates, the average milk yield per day has marginally improved for indigenous category of cows and buffaloes. The average yield rates of exotic and crossbred cows are estimated to be as 10.85Kgs and 7.40Kgs per animal per day respectively and the average yield rates of indigenous and non-descript cows are estimated to be as 3.56 Kgs and 2.29 Kgs per animals per day. The average yield rates of indigenous and non-descript buffaloes are estimated to be as 5.86Kgs and 4.04Kgs per animals per day respectively.

The first five highest milk producing States are Uttar Pradesh, Rajasthan, Madhya Pradesh, Gujarat and Andhra Pradesh during the Rainy Season.

**3.2 Egg Production:** The total egg production has increased from 27.33 Billion during 2015-16 (Rainy) to 29.09 Billion during 2016-17 (Rainy) registering a growth 6.42%. As against the targeted production of 87.05 Billions of eggs during 2016-17, the total estimated production in two seasons, summer and rainy, is 55.11 Billion showing an achievement of 63.31%. The production of egg is largely contributed by commercial poultry farms with nearly 75.75% and remaining production is from household/backyard poultry. The first five highest eggs producing States are Tamil Nadu, Andhra Pradesh, Telangana, West Bengal & Haryana during the Rainy Season.

**3.3 Meat Production:** The total meat production has increased from 2.24 Million Tonnes during 2015-16 (Rainy) to 2.43 Million Tonnes during 2016-17 (Rainy) registering a growth 8.74%. As against the targeted production of 7.37 Million Tonnes during 2016-17, the total estimated production in two seasons, summer and rainy, is 4.67 Million Tonnes showing an achievement of 63.28%. Nearly, 47.86% of the meat production is contributed by poultry and 20.11% is from buffaloes. The first five highest Meat producing States are Uttar Pradesh, Maharashtra, West Bengal, Andhra Pradesh, & Telangana during the Rainy Season.

**3.4 Wool Production:** The total wool production has decreased from 5.91 Million Kgs during 2015-16 (Rainy) to 5.78 Million Kgs during 2016-17 (Rainy), a decline of 2.16%. As against the targeted production of 44.07 Million Kgs during 2016-17, the total estimated production in two seasons, summer and rainy, is 20.66 Million Kgs showing an achievement of 46.89%. The first five highest Wool producing States are Karnataka, Gujarat, Maharashtra, Himachal Pradesh, & Jammu & Kashmir during the Rainy Season.

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