

LIVESTOCK PRODUCTION STATISTICS OF INDIA – 2019

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India has emerged as the largest producer of milk with 20.17 percent share in total milk production in the world. India accounts for about 5.65 percent of the global egg production, 3 percent of global meat production and also the largest population of milch animals in the world (APEDA, 2018).

Standings of India in the World

Ranking	Sector
1 st	Total Livestock Population, Milk Production, Buffalo Population, Carabeef Production, Goat Milk Production, Total Bovine Population
2 nd	Cattle Population, Goat Population, Bristle Production (a pig industry by-product), Aquaculture, Goat Meat Production
3 rd	Egg Production, Sheep Population, Fisheries Production
5 th	Poultry Production, Meat production
6 th	Poultry Meat Production
8 th	Duck Production
9 th	Camel Population, Wool Production

Animal Products Statistics

Commodity	Total Production (per year)	Per Capita Availability	ICMR Recommendations
Milk	187.75 MT	394 grams/day	280 grams/day
Meat	8.11 MT	-	11 kg/year
Eggs	103.32 billion	79 eggs/year	182 eggs/year
Wool	40.42 million kg	-	-

Comparison with Previous Year

Increase in milk production compared to previous year: 6.5%

Increase in egg production compared to previous year: 8.5%

Increase in meat production compared to previous year: 6.0%

Increase in poultry meat production compared to previous year: 7.8%

Decrease in wool production compared to previous year: 2.5%

Average Yield per In-Milk Animal in 2018-19

Type of animal	Average yield
Exotic cow	11.67 kg/day
Cross-bred cow	7.85 kg/day
Indigenous cow	3.85 kg/day
Non-descript cow	2.50 kg/day
Indigenous buffalo	6.34 kg/day

Non-descript buffalo	4.35 kg/day
Goat	0.45 kg/day

Average Yield per Year per Bird in 2018-19

Type of bird	Average yield
Desi fowl (Backyard)	108.99 eggs/year
Improved fowl (Backyard)	226.20 eggs/year
Desi duck (Backyard)	110.97 eggs/year
Improved duck (Backyard)	178.71 eggs/year
Desi fowl (Commercial)	112.22 eggs/year
Improved fowl (Commercial)	283.91 eggs/year
Desi duck (Commercial)	181.12 eggs/year
Improved duck (Commercial)	202.20 eggs/year

Average Yield per Season of Wool in 2018-19

Type of animal	Average yield per season
Ram/Wether	1.43 kg
Ewe	1.05 kg
Lamb	0.74 kg

Meat Processing Infrastructure and Related Facts

- Number of regular slaughter houses: 1302
- Number of carcass utilization centres: 09
- Small scale meat retail shops: 25,000
- Abattoirs with meat processing facilities approved by APEDA: 68
- APEDA registered meat processing plants: 28
- APEDA registered stand-alone abattoirs: 11
- As per 2018 trade data, India is the third largest exporter of (boneless) carabeef and beef, after Australia and Brazil. The top-five destinations for Indian exports were Vietnam, Malaysia, Indonesia, Iraq and Philippines (in descending order).
- India is the largest exporter of sheep and goat meat to the world (APEDA, 2016). Major export destinations are United Arab Emirates, Saudi Arabia, Qatar, Kuwait and Oman (in descending order).
- Organized poultry sector in India: 80 per cent
- Poultry Capital of India: Andhra Pradesh
- The current processing levels in poultry are 6%, while for meat it stands at 21%.

Number of Animals Slaughtered for Meat Production

Species of animal	Number
Cattle	3.05 million
Buffalo	11.9 million
Sheep	50.8 million
Goat	97.2 million
Pig	10.7 million
Poultry	2.81 billion

Leading States in India for Livestock Production

Feature	State
Largest livestock population	Uttar Pradesh

Largest poultry population	Tamil Nadu
Highest milk producing state	Uttar Pradesh
State with highest per capita availability of milk	Punjab (1181 g)
Highest egg producing state	Andhra Pradesh
State with highest per capita availability of eggs	Andhra Pradesh (372 eggs)
Highest meat production	Uttar Pradesh
Highest goat meat production	West Bengal
Highest goat milk production	Rajasthan
Highest sheep meat production	Andhra Pradesh
Highest poultry meat production	Haryana
Highest wool production	Rajasthan
Highest indigenous milch cows	Uttar Pradesh
Highest cross-bred or exotic cows	Tamil Nadu
Highest cattle population	West Bengal
Highest buffalo population	Uttar Pradesh
Highest sheep population	Telangana
Highest goat population	Rajasthan
Highest pig population	Assam
Highest camel population	Rajasthan
Highest mithun population	Arunachal Pradesh
Highest yak population	Jammu & Kashmir
Highest horses and ponies population	Uttar Pradesh
Highest number of mules	Uttarakhand
Highest donkey population	Rajasthan
Highest Fish Production	Andhra Pradesh

Note: For counting population of poultry, Andhra Pradesh and Telangana have been surveyed differently in 20th Livestock Census whereas for poultry production aspects viz. eggs and poultry meat, the data for both the states has been provided jointly under Andhra Pradesh in BAHS-2019.

Share of States in Production of Livestock Products

- Largest Share in Total Milk Production in India: Uttar Pradesh (16.3%)
- Second Largest Share in Total Milk Production in India: Rajasthan (12.6%)
- Largest Share in Total Egg Production in India: Andhra Pradesh (19.1%)
- Second Largest Share in Total Egg Production in India: Tamil Nadu (18.2%)
- Largest Share in Total Meat Production in India: Uttar Pradesh (15.1%)
- Second Largest Share in Total Meat Production in India: Maharashtra (12.6%)
- Largest Share Total Wool Production in India: Rajasthan (35.9%)
- Second Largest Share Total Wool Production in India: Jammu & Kashmir (18.9%)

Annual Growth Rate of Livestock Products

Product	Growth Rate
Meat	5.99 per cent
Broiler production	11 per cent
Egg production	8.51 per cent
Milk production	6.47 per cent
Wool production	-2.51 per cent

Highest Annual Growth Rate of Livestock Products

- Highest growth rate in milk production: Karnataka (10.7%)
- Highest growth rate in egg production: Rajasthan (14.2%)
- Highest growth rate in meat production: Telangana (16.9%)
- Highest growth rate in wool production: Bihar (4.79%)

Value Output from Livestock Rearing

Sector	Percentage of total output
Milk and Milk Products	65.05 per cent
Meat and Meat Products	19.83 per cent
Dung	6.93 per cent
Eggs	3.77 per cent
Increment in Livestock	3.35 per cent
Wool and Hair	0.2 per cent

Livestock Census

First livestock census in India was conducted as Dairy Cattle Census in 1919. Livestock Census 2019 was 20th Livestock Census. Livestock Census takes place at every five years (Quinquennial)

Key Highlights

- Total livestock population: 536.76 million (showed an increase of 4.6% over Livestock Census-2012)
- Total poultry population: 851.81 million (showed an increase of 16.8% over Livestock Census-2012)
- Milch animals: 125.75 million
- Total bovine population: 303.76 million
- Total cattle population: 193.46 million
- Total indigenous/non-descript cattle: 142.11 million
- Total exotic/crossbred cattle: 51.36 million
- Total buffalo population: 109.85 million
- Total sheep population: 74.26 million
- Total goat population: 148.88 million
- Total pig population: 9.06 million
- Total camel population: 0.25 million
- Total horses and ponies population: 0.34 million
- Total mules population: 0.08 million
- Total donkey population: 0.12 million
- Total yak population: 0.06 million
- Total mithun population: 0.39 million
- Total rabbit population: 0.55 million
- Total dog population: 9.43 million
- Total duck population: 33.511 million
- Total stray cattle population: 5.02 million
- Total stray dog population: 15.30 million

Percentage Distribution of Total Livestock as per 20th Livestock Census

Species	Percentage
Cattle	36.04 per cent
Buffalo	20.47 per cent
Sheep	13.83 per cent
Goat	27.74 per cent
Pigs	1.69 per cent

Others	0.23 per cent
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Species Wise Milk Contribution to Total Milk Production in India

Species	Percentage of Total Milk
Buffalo indigenous	35 per cent
Buffalo non-descript	14 per cent
Cow non-descript	11 per cent
Cow indigenous	10 per cent
Cow cross-bred	26 per cent
Cow exotic	1 per cent
Goat	3 per cent

Species Wise Egg Contribution to Total Egg Production in India

Species	Percentage of Total Eggs
Improved fowl	87.33 per cent
Desi fowl	11.52 per cent
Desi duck	0.89 per cent
Improved duck	0.26 per cent

Egg production from commercial poultry: 84.91 billion (82.2% of total egg production)
Egg production from backyard poultry: 18.41 billion (17.8% of total egg production)

Species Wise Meat Contribution to Total Meat Production in India

Species	Percentage of Total Meat
Poultry	50.06 per cent
Buffalo	19.05 per cent
Goat	13.35 per cent
Sheep	8.36 per cent
Pig	4.98 per cent
Cattle	4.02 per cent

Meat production from poultry: 4.06 MT, almost 50% of total meat production

Category Wise Contribution to Total Wool Production in India

Category	Percentage of Total Meat
Ewe	68.74 per cent
Ram/Wether	16.99 per cent
Lamb	14.27 per cent

Incidence of Major Livestock Diseases in 2018

Disease	Number of Outbreaks	Deaths
Foot & Mouth Disease (FMD)	227	604
Haemorrhagic Septicaemia (HS)	43	283
Black Quarter (BQ)	11	68
Anthrax	42	420
Fascioliasis	87	15
Sheep & Goat Pox	30	1006
Blue Tongue	26	229

Contagious Caprine Pleuropneumonia (CCPP)	6	97
Amphistomiasis	56	1
Swine Fever	20	209
Coccidiosis	148	2384
Ranikhet Disease (NCD)	39	7899
Chronic Respiratory Disease (CRD)	83	2754
Rabies	46	388
Babesiosis	111	33
Mastitis	49	0
Peste des Petits Ruminants (PPR)	88	1488
Brucellosis	13	6
Glanders	47	93
Avian Influenza (Bird Flu)	2	433

Value of Livestock Export and Import in 2017-18

Broad Group	Value
India's total import of livestock and livestock products	Rs. 101.24 billion
India's total export of livestock and livestock products	Rs. 457.76 billion

Area under Fodder Crops and Permanent Pastures (2014-15)

Fodder Crops: 9.13 million hectares

Permanent Pastures and other Grazing Lands: 10.25 million hectares

Share of Usually Working Persons in Animal Production (per 1000 persons)

Category of Worker	Rural	Urban
Men	10.2	5.5
Women	88.3	25.6

Fish Production Statistics and Resources

Total fish production in India	13.7 MT
Inland fisheries	65%
Contribution of fisheries to GDP	0.91%
Contribution to Agricultural GDP	5.23%
Per capita fish availability	9.0 kg
Annual export earnings	Rs. 45,106.89 crore
Employment in sector	14.5 million
Coastline	8118 km
Exclusive Economic Zone	2.02 million sq. km
Continental Shelf	0.530 million sq. km
Rivers and Canals	1,95,210 km
Reservoirs	3.150 million ha
Ponds and Tanks	2.414 million ha
Flood Plains lakes and derelict waters	0.798 million ha
Brackish waters	1.240 million ha

Estuaries	0.290 million ha
Number of landing centres (marine)	1547
Number of fishing villages (marine)	3477
Number of fishing crafts (marine)	255382

Demographic Dependence on Livestock

- Livestock sector employs 8 per cent of total Indian Workforce
- Percentage of population dependent on agriculture for livelihood: 49.8 per cent
- Percentage of livestock owned by marginal, small and semi-medium farmers: 87.7 per cent
- Percentage of area used for all types of livestock farming: 1.69 per cent

Percentage of the World Livestock Present in India

Species	Percentage present in India
Total Livestock	11.54 per cent
Buffalo	56.7 per cent
Small ruminants	20.4 per cent
Cattle	12.5 per cent
Poultry	3.1 per cent

Infrastructure Related to Animal Husbandry in India

(As of 31-03-2019)

- Veterinary Dispensaries: 25571
- Veterinary Aid Centres (Stockman Centres/Mobile Dispensaries): 28168
- Veterinary Hospitals/Polyclinics: 12076
- Number of ICD Projects: 535
- Semen Production Centres: 31 Govt. + 23 Others = 54
- Frozen Semen Banks: 169 Govt. + 66 Others = 235
- Number of AI Centres: 57200 Govt. + 44577 Others = 101,777
- Cattle Breeding Farms: 132 Govt. + 37 Others = 169
- Buffalo Breeding Farms: 23 Govt. + 11 Others = 34
- Number of *Gaushalas*: 115 Govt. + 5840 Others = 5955
- Liquid Nitrogen Plants: 66 Govt. + 27 Others = 93
- Poultry Breeding Farms: 249 Govt. + 6025 Others = 6274
- Duck Breeding Farms: 34 Govt. + 6 Others = 40
- Hatcheries: 253 Govt. + 346 Others = 599
- Sheep Breeding Farms: 63 Govt. + 24 Others = 87
- Intensive Sheep Development Projects: 71
- Sheep & Wool Extension Centres: 1544
- Wool Grading Centres: 15
- Goat Breeding Farms: 161
- Rabbit Breeding Farms: 34
- Fodder Seed Production Farms: 88 Govt. + 213 Others = 301
- Pig Breeding Farms: 370
- Camel Breeding Farms: 2
- Horse Farms: 15
- Rinderpest Check Posts: 178
- Milk Processing Factories: 321
- Liquid Milk Plants: 1678
- Total Artificial Inseminations done in 2018-19: 75.78 million
- Highest number of veterinary aid centres: Rajasthan

World Leaders in Livestock Production

Category	Number One in the World
Bovines	India
Cattle	Brazil
Buffalo	India
Milk production	India
Carabeef	India
Goat milk	India
Pigs	China
Donkeys	China
Sheep	China
Goat	China
Duck	China
Fish	China
Eggs	China
Chevon	China
Mutton	China
Pork	China
Camels	Somalia
Poultry	USA
Poultry meat	Brazil
Fibre	Australia
Wool	Australia
Beef	USA

Per Capita Monthly Consumption Expenditure in India

Rural Areas: Rs. 1278.94

Urban Areas: Rs. 2399.24

Share of Agriculture & Allied Sectors in Gross Value Added (GVA)

(At current prices in Rs. Crore for 2017-18)

Livestock contribute 4.9% of total GVA to national GVA and 28.4% to agricultural GVA.

Total GVA (for the country): Rs. 15482715 crores

Total Agricultural GVA: 2670147 (17.2% of total)

Category	Total GVA (in crores)	Percentage Share (%)
Crops	1546808	10.0
Livestock	758417	4.9
Forestry and logging	189348	1.2
Fishing and aquaculture	175373	1.1

Export Statement of Animal Products for the year 2018-19

Animal Product	Quantity (In MT)	Value (In Lakh Rs.)	Percent share in total export
Buffalo Meat	1236638.40	2516830.67	19.30
Sheep/Goat Meat	18424.97	79064.89	0.61

Other Meat	852.36	1373.04	0.01
Processed Meat	405.63	1351.94	0.01
Animal Casings	14882.83	48066.26	0.37
Poultry Products	544985.05	68731.46	0.53
Dairy Products	113725.73	242301.38	1.86
Casein	5638.75	22052.59	0.17
Natural Honey	61333.90	73218.84	0.56
Albumin(Eggs & Milk)	2196.83	10306.26	0.08
Total	1999084.45	3063297.33	

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