

LIVESTOCK PRODUCTION STATISTICS OF INDIA – 2023

Amandeep Singh

*Assistant Professor, Directorate of Extension Education, Guru Angad Dev
Veterinary & Animal Sciences University, Ludhiana, Punjab, India (141004)*

Email: amandeepsinghvet@gmail.com

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World milk production (roughly 81% cow milk, 15% buffalo milk, and 4% for goat, sheep and camel milk combined) increased by 1.1 percent to about 884 million tonnes in 2021. India is the largest producer of milk globally with 23 percent share in total milk production in the world. The dairy sector is the most critical component of the Indian livestock sector, employing more than eight crore farmers directly, and is the most prominent agrarian product. While India ranks first in milk production in the world, it ranks third in egg production and eighth in meat production in the world. India accounts for about 7 percent of the global egg production, 2.42 percent of global meat production, 7.56 percent of global fish production and houses the largest population of milch animals in the world (FAOSTAT, 2023; Economic Survey, 2023).

Standings of India in the World

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

Animal Products Statistics for 2022-23

Commodity	Total Production (per year)	Per Capita Availability	ICMR Recommendations
Milk	230.58 MT (million tons)	459 grams/day	280 grams/day
Eggs	138.38 billion	101 eggs/year	182 eggs/year
Meat	9.77 MT	7.10 kg/year	11 kg/year
Wool	33.61 million kg	-	-

The recommendation of WHO for per capita fish production is 18 kg/year.

Comparison with Previous Year

- Increase in milk production compared to previous year: 3.83%
- Increase in egg production compared to previous year: 6.77%
- Increase in meat production compared to previous year: 5.13%
- Increase in poultry meat production compared to previous year: 4.52%
- Increase in wool production compared to previous year: 2.12%

Average Yield per In-Milk Animal in 2022-23

Type of animal	Average yield
Exotic cow	11.42 kg/day
Cross-bred cow	8.41 kg/day
Indigenous cow	4.17 kg/day
Non-descript cow	2.87 kg/day
Buffalo	6.06 kg/day
Goat	0.50 kg/day

Average Yield per Bird in 2022-23

Type of bird	Average yield
Desi fowl (Backyard)	110.77 eggs/year
Improved fowl (Backyard)	215.88 eggs/year
Desi duck (Backyard)	105.19 eggs/year
Improved duck (Backyard)	170.36 eggs/year
Desi fowl (Commercial)	75.82 eggs/year
Improved fowl (Commercial)	300.02 eggs/year
Desi duck (Commercial)	164.54 eggs/year
Improved duck (Commercial)	198.62 eggs/year

Average Yield per Season of Wool in 2022-23

Type of animal	Average yield per season
Ram/Wether	2.09 kg
Ewe	1.77 kg
Lamb	0.93 kg

Meat Processing Infrastructure and Related Facts

- APEDA registered Integrated Abattoirs cum Meat Processing Plants in India: 70
- APEDA registered Meat Processing Plants in India: 13
- APEDA registered Stand-alone Slaughter Houses in India: 5
- Number of regular slaughter houses: 892
- Number of carcass utilization centres: 08
- Small scale meat retail shops: 25,000 (approx.)
- Major export destinations of buffalo meat products in 2022-23: Malaysia, Vietnam, Egypt, Indonesia and Iraq.
- India accounts for about 43% of the world buffalo meat production, with Uttar Pradesh producing the most, followed by Andhra Pradesh, Maharashtra and Punjab.
- India is the largest exporter of sheep and goat meat to the world (APEDA, 2023). Major export destinations in 2022-23 are United Arab Emirates, Qatar, Kuwait, Maldives and Oman (in descending order).
- Organized poultry sector in India: 80 per cent
- Percent non-vegetarian population in India: 83.4 percent of men and 70.6 percent of women (NFHS-5, 2021).
- The current processing levels in poultry are 6%, while for meat it stands at 21%.

Number of Animals Slaughtered for Meat Production in 2022-23

Species of animal	Number
Cattle	2.16 million
Buffalo	13.62 million

Sheep	73.70 million
Goat	123.40 million
Pig	9.33 million
Poultry	3.31 billion

Leading States in India for Livestock Production in 2022-23

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 (1283 g)
State with highest milk yield (exotic/crossbred cow)	Punjab (13.49 kg/animal/day)
State with highest milk yield (indigenous/non-descript cow)	Punjab (8.68 kg/animal/day)
State with highest milk yield (buffaloes)	Haryana (10.61 kg/animal/day) UT-Chandigarh (11.50 kg/a/d)
State with highest milk yield (goats)	Punjab (1.83 kg/animal/day) UT-Chandigarh (1.84 kg/a/d)
Highest egg producing state	Andhra Pradesh
State with highest per capita availability of eggs	Andhra Pradesh (526 eggs)
Highest meat producing state	Uttar Pradesh
State with highest per capita availability of meat	Telangana (28.51 kg/annum)
Highest wool producing state	Rajasthan
Highest goat milk production	Rajasthan
Highest cattle meat production	Kerala
Highest buffalo meat production	Uttar Pradesh
Highest sheep meat production	Telangana
Highest goat meat production	West Bengal
Highest pig meat production	Uttar Pradesh
Highest poultry meat production	Maharashtra
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

Share of States in Production of Livestock Products in 2022-23

- Largest Share in Total Milk Production in India: Uttar Pradesh (15.72%)
- Second Largest Share in Total Milk Production in India: Rajasthan (14.44%)
- Largest Share in Total Egg Production in India: Andhra Pradesh (20.13%)
- Second Largest Share in Total Egg Production in India: Tamil Nadu (15.58%)
- Largest Share in Total Meat Production in India: Uttar Pradesh (12.20%)
- Second Largest Share in Total Meat Production in India: West Bengal (11.93%)
- Largest Share Total Wool Production in India: Rajasthan (47.98%)
- Second Largest Share Total Wool Production in India: Jammu & Kashmir (22.55%)

Annual Growth Rate of Livestock Products in 2022-23

Product	Growth Rate
Milk production	3.83 per cent
Egg production	6.77 per cent
Meat production	5.13 per cent
Broiler production	4.52 per cent
Wool production	2.12 per cent

Highest Annual Growth Rate of Livestock Products in 2022-23

- Highest growth rate in milk production: Karnataka (8.76%)
- Highest growth rate in egg production: West Bengal (20.10%)
- Highest growth rate in meat production: Sikkim (63.08%)
- Highest growth rate in wool production: Arunachal Pradesh (35.75%)

Value Output from Livestock Rearing in 2021-22 at Current Prices

Sector	Percentage of total output
Milk and Milk Products	63.65 per cent
Meat and Meat Products	24.35 per cent
Eggs	3.83 per cent
Wool and Hair	0.03 per cent
Dung	5.98 per cent
Silkworm cocoons and Honey	0.85 per cent
Increment in stock	1.27 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

Species Wise Milk Contribution to Total Milk Production in India

Species	Percentage of Total Milk
Buffalo indigenous	31.94 per cent
Buffalo non-descript	12.87 per cent
Cow non-descript	9.51 per cent
Cow indigenous	10.73 per cent
Cow cross-bred	29.81 per cent
Cow exotic	1.86 per cent
Goat	3.30 per cent

Species Wise Egg Contribution to Total Egg Production in India

Species	Percentage of Total Eggs
Improved fowl	88.41 per cent
Desi fowl	10.73 per cent
Desi duck	0.74 per cent
Improved duck	0.12 per cent

Species Wise Meat Contribution to Total Meat Production in India

Species	Percentage of Total Meat
Poultry	51.14 per cent
Buffalo	17.61 per cent
Goat	14.47 per cent
Sheep	10.51 per cent
Pig	3.85 per cent
Cattle	2.43 per cent

Meat production from poultry: 4.99 MT, which is 51.14% of total meat production

Category Wise Contribution to Total Wool Production in India

Category	Percentage of Total Meat
Ewe	72.17 per cent
Ram/Wether	13.92 per cent
Lamb	13.91 per cent

Incidence of Major Livestock Diseases in 2022 (Jan-Dec, 2022)

Disease	Number of Outbreaks	Deaths
Foot & Mouth Disease (FMD)	24	29
Haemorrhagic Septicaemia (HS)	126	49
Black Quarter (BQ)	-	-
Anthrax	5	8
Fascioliasis	-	-
Sheep & Goat Pox	8	82
Blue Tongue	2	0
Contagious Caprine Pleuropneumonia (CCPP)	1	16
Amphistomiasis	4	0
Swine Fever	17	118
Coccidiosis	12	269
Ranikhet Disease (NCD)	14	1371
Chronic Respiratory Disease (CRD)	13	2033
Infectious Bursal Disease (IBD)	25	2763
Rabies	1	0
Babesiosis	28	0
Mastitis	-	-
Peste des Petits Ruminants (PPR)	17	224
Brucellosis	1	0
Glanders	4	4
Avian Influenza (Bird Flu)	-	-
Theileriosis	36	2

Value of Livestock Export and Import in 2022-23

Broad Group	Value
India's total import of livestock and livestock products	Rs. 57,33,95,860 lakhs
India's total export of livestock and livestock products	Rs. 36,20,63,095 lakhs

Area under Fodder Crops and Permanent Pastures (2020-21)

Fodder Crops: 7.35 million hectares

Permanent Pastures and other Grazing Lands: 10.37 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 as of 2022

Length of Indian coastline	8118 kms
Exclusive Economic Zone	2.02 million sq. km.
Continental Shelf Area	0.53 million sq. km
Total fish production in India	16.24 MT
Value of fisheries export	Rs. 57,586.48 crores
Major importer of Indian seafood	USA
Marine fish production	4.12 MT (25.36%)
Inland fish production	12.12 MT (74.64%)
Contribution of fisheries to GDP	1.35%
Contribution to Agricultural GDP	7.11%
Average annual growth rate	9.26%
Per capita fish availability	6.31 kg
Top fish consumption state	Tripura (29.29 kg/year per capita) & A&N Islands among UTs
Total fishermen (male and female)	2.80 crores
Rivers and Canals	280751 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
Major fishing harbors commissioned	7
Minor fishing harbors commissioned	67
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 approximately 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

Infrastructure Related to Animal Husbandry in India

(As of 31-03-2023)

- Veterinary Dispensaries: 22823
- Veterinary Aid Centres (Stockman Centres/Mobile Dispensaries): 33337
- Veterinary Hospitals/Polyclinics: 13042
- Number of ICD Projects: 422
- Semen Production Centres: 32 Govt. + 27 Others = 59
- Frozen Semen Banks: 190 Govt. + 80 Others = 270
- Number of AI Centres: 59567 Govt. + 49645 Others = 109212
- Cattle Breeding Farms: 146 Govt. + 83 Others = 229
- Buffalo Breeding Farms: 22 Govt. + 11 Others = 33
- Number of *Gaushalas*: 206 Govt. + 7919 Others = 8125
- Liquid Nitrogen Plants: 48 Govt. + 19 Others = 67
- Poultry Breeding Farms: 228 Govt. + 9214 Others = 9442

- Duck Breeding Farms: 34 Govt. + 8 Others = 42
- Hatcheries: 213 Govt. + 399 Others = 612
- Sheep Breeding Farms: 67 Govt. + 24 Others = 91
- Intensive Sheep Development Projects: 38
- Sheep & Wool Extension Centres: 1538
- Wool Grading Centres: 12
- Goat Breeding Farms: 175
- Rabbit Breeding Farms: 23
- Fodder Seed Production Farms: 98 Govt. + 44 Others = 142
- Pig Breeding Farms: 398
- Camel Breeding Farms: 2
- Horse Farms: 21
- Rinderpest Check Posts: 159
- Milk Processing Factories: 287
- Liquid Milk Plants: 1340
- Total Artificial Inseminations done in 2022-23: 80.57 million
- Highest number of veterinary aid centres: Rajasthan

World Leaders in Livestock Production

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

Percentage of the World Livestock Present in India

Species	Percentage present in India
Total Livestock	10.23 per cent
Cattle	12.67 per cent

Buffalo	53.84 per cent
Sheep	5.88 per cent
Goat	13.19 per cent
Pig	0.95 per cent
Poultry	2.43 per cent

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

(At current prices in Rs. Crore for 2021-22)

Livestock contribute 5.73% of total GVA to national GVA and 30.19% to agricultural GVA.

Total GVA (for the country): Rs. 21438883 crores

Total Agricultural GVA: Rs. 4066649 crores (18.97% of total)

Category	Total GVA (in crores)	Percentage Share (%)
Crops	2230455	10.40
Livestock	1227766	5.73
Forestry and logging	319903	1.49
Fishing and aquaculture	288526	1.35

Growth Rate of Sectors for Financial Year 2021-22 over Previous Year

Sector	Growth Rate (%)
Agriculture and allied	3.51
Crops	1.65
Livestock	6.00
Forestry and logging	2.39
Fishing and aquaculture	9.26

Export Statement of Animal Products for the year 2022-23

Animal Product	Quantity (In MT)	Value (In Crore Rs.)	Percent share in total export
Buffalo Meat	1175869.1	25648.1	11.61
Sheep/Goat Meat	9592.31	537.18	0.24
Other Meat	701.8	16.93	0.01
Processed Meat	331.57	11.72	0.01
Animal Casings	12577.04	326.02	0.15
Poultry Products	664753.46	1081.62	0.49
Dairy Products	67572.99	2269.85	1.03
Casein	8843.53	816.32	0.37
Natural Honey	79929.17	1622.77	0.73
Albumin (Eggs & Milk)	2219.94	266.88	0.12
Total	2022390.94	32597.39	14.75

Sources

- 20th Livestock Census (2020). DADF, DADF, Ministry of Fisheries, Animal Husbandry & Dairying, GoI.
- Basic Animal Husbandry & Fisheries Statistics (2023). Animal Husbandry Statistics Division, DADF, Ministry of Fisheries, Animal Husbandry & Dairying, GoI.

- Economic Survey (2022). Economic Division, Department of Economic Affairs, Ministry of Finance, Government of India.
 - FAO (2021). Statistical Yearbook – World Food and Agriculture.
 - Handbook on Fisheries Statistics (2022). Fisheries Statistics Division Department of Fisheries Ministry of Fisheries, Animal Husbandry & Dairying Government of India.
 - Singh A (2020). Livestock Production Statistics of India - 2019. DOI: [10.13140/RG.2.2.32034.86721](https://doi.org/10.13140/RG.2.2.32034.86721).
 - Three Year Export Statement, APEDA. Retrieved from <https://agriexchange.apeda.gov.in/indexp/ExportStatement.aspx> on 25.12.2023.
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