

**A Study of Poultry Production in India****Prof. Suryawanshi Sharad Kantilal**

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Abstract:

Poultry is one of the fastest growing sectors in the Indian agricultural industry. The poultry sector in India has experienced significant change in structure and operation in the recent two decades changing from a mere courtyard activity to a significant viable activity with presence of big players with effective execution of poultry cultivating on a vast scale.

Key Words: Poultry, Production, Eggs, Poultry Population, Trade

Introduction:

Poultry is one of the fastest growing segments of the agricultural sector in India today. While the production of agricultural crops has been rising at a rate of 1.5 to 2 percent p.a that of eggs and broilers has been rising at a rate of 8 to 10 percent per annum. As a result, India is now the world's fifth largest egg producer and the eighteenth largest producer of broilers. The Potential in the sector is due to a combination of factors - growth in per capita income, a growing urban population and falling real poultry prices. Poultry meat is the fastest growing component of global meat demand, and India, the world's second largest developing country, is experiencing rapid growth in its poultry sector. In India, poultry sector growth is being driven by rising incomes and a rapidly expanding middle class, together with the emergence of vertically integrated poultry producers that have reduced consumer prices by lowering production and marketing costs. Integrated production, market transition from live birds to chilled and frozen products, and policies that ensure supplies of competitively priced corn and soybeans are keys to future poultry industry growth in India. There are number of small poultry dressing plants in the country. These plants are producing dressed chickens. In addition to these plants, there are five modern integrated poultry processing plants producing dressed chicken, chicken cut parts and other chicken products. These plants will manufacture egg powder and frozen egg-yolk for export.

Objective of the Study:

1. To Study the types of poultry farm in India
2. To Study the top 10 States in terms of poultry Production
3. To Study the eggs production in India
4. To Study the Export of poultry products from India

Methodology:

The study is based on secondary data. The data will be collected from government horticulture office, district agriculture office, magazines, newspapers, government websites, etc.

Types of Poultry farm

1. **Chickens:** As the best known backyard farm bird, chickens are valued because they are easy keepers and quite useful. They've been part of farmyards for about 5,000



years, since first being domesticated in Asia from a wild bird known as Red Junglefowl. The appeal of chickens in ancient societies and our modern world is their incredible versatility as a domesticated animal. Chickens do it all: They lay delicious eggs, they provide meat, they eat bugs, they can have beautiful spangled feathers, they can be great pets, they give you organic manure, and they are cheap and easy to keep.

2. **Geese:** The earliest domesticated poultry, geese can be friendly and useful additions to the farmyard. They take marginally more work than a flock of hens, but they are still easy keepers and can bring you a variety of rewards
3. **Ducks:** Ducks have been farmed for thousands of years, and wild ducks were hunted and their eggs scavenged even before that. There are far more different types of ducks in domestication than you might guess. There are upright, skinny varieties known as runners; the meaty-faced, unique Muscovies; and also plumper, swimming breeds that descend from wild Mallards. Each type has its own needs, but like geese ducks do not need a pond to be happy. Ducks use water to bathe and eat—they also cannot swallow without immersing their beaks.
4. **Guinea Fowl:** Guinea fowl are African birds most similar in appearance to turkeys, with bald blue heads and speckled bodies. Originally hunted and eventually domesticated, these birds are very low maintenance but most remain at least somewhat wild.
5. **Quail:** Quail are great birds to keep on a small farm because they themselves are diminutive and need only 1 square foot per bird in a shelter. Quail are productive layers, averaging more than 200 eggs in a year. These eggs are tiny and speckled, and they are considered a delicacy. Quail meat is also prized, however the breed yields very little per bird.
6. **Turkeys:** Turkeys are raised primarily for their meat but are becoming more popular as pets. Turkeys originate from Mexico and Central America. These birds also lay two or three eggs per week that can be scrambled or fried just like chicken eggs.

Top 10 States in terms of poultry production:

Table No. 1 Top 5 States in terms of poultry Production 2018-19

Sr. No.	State	Production	Share(%)
1	Maharashtra	632.32	15.57
2	Haryana	478.63	11.78
3	West Bengal	475.42	11.70
4	Tamil Nadu	455.51	11.21
5	Andhra Pradesh	443.35	10.92
6	Uttar Pradesh	359.44	8.85
7	Telangana	336.33	8.28
8	Kerala	178.03	4.38
9	Karnataka	139.18	3.43
10	Punjab	125.03	3.08



Source: Department of Animal Husbandry

The above table indicate that the poultry production in the year 2018-19 Maharashtra have 632.32 metric tons and their share was 15.57%.

Top 5 States in terms of poultry population:

Table No. 2 Top 5 States in terms of poultry population

Rank	States	Poultry Population (in Billion)
1	Andhra Pradesh	161.33
2	Tamil Nadu	117.35
3	Maharashtra	77.79
4	Karnataka	53.44
5	West Bengal	52.84

Source: Department of Animal Husbandry

The above table shows that poultry population in India. In India Andhra Pradesh have 161.33 billion poultry population and ranked to first.

Egg Production in India

Table No. 3 Egg Production in India

Sr. No.	Year	Egg Production (in billion numbers)	% annual egg production growth rate
1	2011-12	66.45	5.4%
2	2012-13	69.73	4.94%
3	2013-14	74.75	7.2%
4	2014-15	78.48	4.99%
5	2015-16	82.93	5.66%
6	2016-17	88.13	6.28%
7	2018-19	103.32	8.5%

Source: Department of Animal Husbandry

The eggs production in the country have in the year 2011-12 66.45 billion numbers was increased to the year 2018-19 was 103.32 billion number and annual growth rate was compare to previous year is 8.5%

Exports of Poultry Products from India

Table No. 4 Exports of Poultry Products from India

Sr. No.	Year	Qty. in Metric tons	Value in Rs Lacs
1	2017-18	453966.53	55217.70
2	2018-19	544985.05	68731.36
3	2019-20	350817.81	57458.33

Source: DGCIIS Annual Data

The above table shows that the export of poultry products in the year 2017-18 was 453966.53 M.T. and in the year 2019-20 was 350817.81 M.T. reduced to 35.62%

Conclusions:

In India Maharashtra have top rank in poultry production as compared to other state and having 15.71% share of poultry production. Andhra Pradesh have top rank in poultry population and there was 161.33 billion numbers. In India eggs Production was increased by