

Agriculture & GK



# 20th Livestock Census of India

Complete Information For IBPS AFO & Other Agricultural Exams

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## Livestock Census

- Livestock is commonly defined as domesticated animals raised in an agricultural setting to produce labor and commodities such as meat, eggs, milk, fur, leather, and wool.
- The First Livestock Census was Conducted During 1919-20. Since Then it is Being Conducted By All States & UTs in India.
- An All Indian Training of Nodal Officers for 20th Livestock Census-2017 was Organized at Vigyan Bhawan from 19th to 21st December, 2016.
- Conducted After Every 5 Years.
- World Livestock Census Conducted After Every 10 Years by FAO.



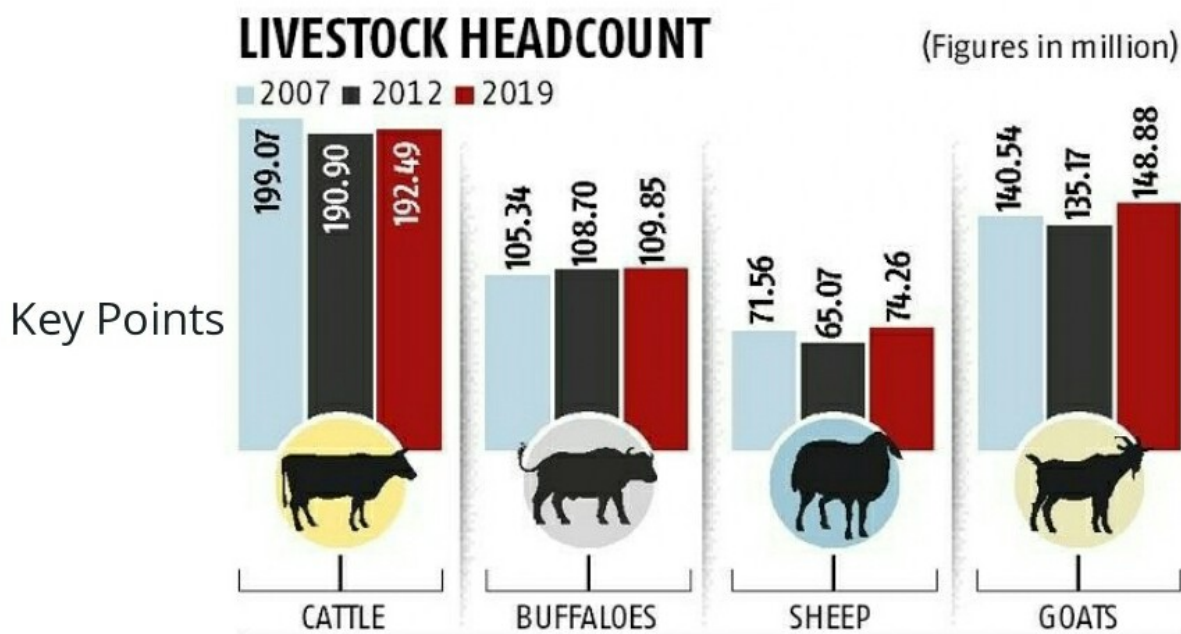
## **India is -**

- **World's Highest Livestock Owner at About 535.78 Millions**
- **First in Buffalo Production**
- **Second in Cattle & Goats**
- **Second Largest Poultry Market in the World.**
- **Third in the Population of Sheep**
- **Fifth in the Population of Ducks & Chickens**
- **Tenth in Camel Population in the world.**



Ministry of Fisheries, Animal Husbandry and Dairying has released the **20<sup>th</sup> Livestock Census report** recently.

The release provides key results reflecting the aggregate counts of various species as well as its comparison with the previous census.



Key Points

- The **total Livestock population** is 535.78 million in the country showing an **increase of 4.6% over Livestock Census-2012**.
  - **West Bengal** observed the **highest increase of 23%**, followed by **Telangana (22%)**.
- The **total number of cattle** in the country has shown an **increase of 0.8 %**.
  - The increase is mainly driven by a **sharp increase in cross-bred cattle** and **higher female indigenous cattle** population.
  - **Uttar Pradesh** has observed a **maximum decrease in cattle population** though the state has taken several steps to save cattle.
  - **West Bengal** has seen the **highest rise of 15%** in cattle population.

- The population of the **total exotic/crossbred cattle** has **increased by 27%**.
  - Cross-bred animals contributed around **28% to India's total milk production in 2018-19**.
  - The **milch population** of exotic and crossbred cattle such as **Jersey or Holsteins** shows higher milk yields and thus farmers prefer animals yielding more milk.
- A **decline of 6%** in the total **indigenous cattle** population has been observed.
  - India's indigenous cattle numbers **continue to decline**, notwithstanding the government's efforts to promote conservation of desi breeds through the **Rashtriya Gokul Mission (RGM)**.
  - The **sharpest fall** has been observed in the states (Uttar Pradesh, Madhya Pradesh, Rajasthan, Maharashtra, etc.) with **tough cow slaughter laws**.
- The **total milch animals** have shown an **increase of 6%**.
  - Due to higher yields, foreign breeds constitute more than half the population of milch animals.
  - The **more the number of animals that produce milk**, the more would be **pressure on land** and fiercer would be **competition between man and animals for survival**.
  - The figures show that nearly 75% of total cattle in the country are female (cows) - a clear sign of dairy farmers' preferences for milk-producing cattle. This also gained momentum in the past couple of years due to the government's assistance in terms of providing sex-sorted artificial insemination (AI), with semen of high-yielding bulls, free of cost at farmers' doorstep.
- The **backyard poultry** has **increased by around 46%**.  
The sharp increase in backyard poultry is a **significant change** in the **rural landscape** which shows a sign of **poverty alleviation**.
- Total **Bovine population** (Cattle, Buffalo, Mithun and Yak) has shown an **increase of about 1%**.
- The population of sheep, goat and Mithun **grew in double digits** while the count of horses and ponies, pigs, camels, donkeys, mules and yaks **declined**.

## The Livestock Census

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- The Livestock Census has been conducted in the country periodically since **1919-20**. Since then it has been conducted **once every 5 years**.
- It covers all domesticated animals and their headcounts.
- So far 19 such censuses have been conducted by the **Ministry of Fisheries, Animal Husbandry and Dairying**, in participation with State Governments and UT Administrations.
- The household-level data through online transmission from the field has been used for the first time in 20th Livestock Census.

- The census is beneficial not just for policymakers but also for agriculturists, traders, entrepreneurs, dairying industry and masses in general.



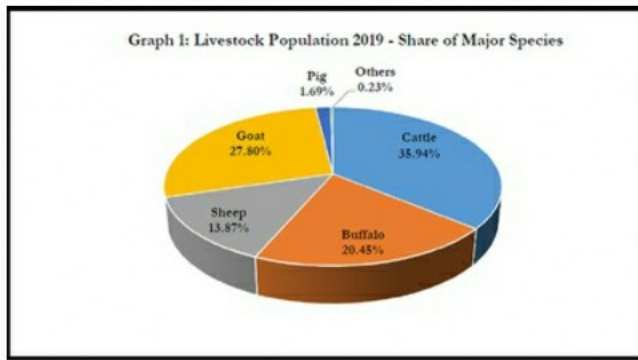
### Some of the key outcomes of the 20th Livestock Census is summarised below:

- The total Livestock population is 535.78 million in the country showing an increase of 4.6% over Livestock Census 2012
- Total Bovine population (Cattle, Buffalo, Mithun and Yak) is 302.79 Million in 2019 which shows an increase of 1.0% over the previous census.
- The total number of cattle in the country is 192.49 million in 2019 showing an increase of 0.8 % over previous Census.
- The Female Cattle (Cows population) is 145.12 million, increased by 18.0% over the previous census (2012).
- The Exotic/Crossbred and Indigenous/Non-descript Cattle population in the country is 50.42 million and 142.11 million respectively.
- The Indigenous/Non-descript female cattle population has increased by 10% in 2019 as compared to previous census.
- The population of the total Exotic/Crossbred Cattle has increased by 26.9 % in 2019 as compared to previous census.
- There is a decline of 6 % in the total Indigenous (both descript and non-descript) Cattle population over the previous census. However, the pace of decline of Indigenous Cattle population during 2012-2019 is much lesser as compared to 2007-12 which was about 9%.
- The total buffaloes in the country is 109.85 Million showing an increase of about 1.0% over previous Census.
- The total milch animals (in-milk and dry) in cows and buffaloes is 125.34 Million, an increase of 6.0 % over the previous census.
- The total sheep in the country is 74.26 Million in 2019, increased by 14.1% over previous Census.
- The Goat population in the country in 2019 is 148.88 Million showing an increase of 10.1% over the previous census.
- The total Pigs in the country is 9.06 Million in the current Census, declined by 12.03% over the previous Census.
- The total Mithun in the country is 3.9 Lakhs in 2019, increased by 30.0% over previous Census.
- The total Yak in the country is Fifty Eight Thousand in 2019, decreased by 24.67% over previous Census.
- The total Horses and Ponies in the country is 3.4 Lakhs in 2019, decreased by 45.6% over previous Census.
- The total population of Mules in the country is Eighty Four Thousand in 2019, decreased by 57.1% over previous Census.
- The total population of Donkeys in the country is 1.2 Lakhs in 2019, decreased by 61.23% over previous Census.
- The total Camel population in the country is 2.5 Lakhs in 2019, decreased by 37.1% over previous Census.
- The total Poultry in the country is 851.81 Million in 2019, increased by 16.8% over previous Census.
- The total Backyard Poultry in the country is 317.07 Million in 2019, increased by 45.8% over previous



Census.

- The total Commercial Poultry in the country is 534.74 Million in 2019, increased by 4.5% over previous Census.

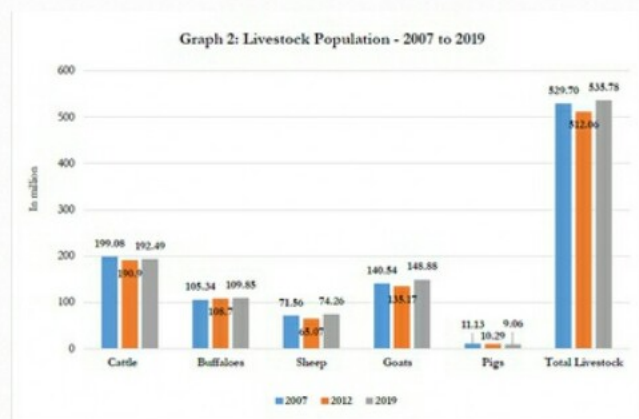


- In 20th Livestock Census, 35.94%-Cattle, 27.80%-Goat, 20.45%-Buffaloes, 13.87%-Sheep, 1.69%-Pigs.
- Mithun, Yaks, Horses, Ponies, Mules, Donkeys and Camels taken together contribute 0.23% of the total livestock.
- As compare to previous census the percentage share of sheep and goat population has increased whereas the percentage share of cattle, buffalo and pig has marginally declined.

## Livestock Population - Major Species

Category	Population (In million) 2012	Population (In million) 2019	% growth
Cattle	190.90	192.49	0.83
Buffalo	108.70	109.85	1.06
Sheep	65.07	74.26	14.13
Goat	135.17	148.88	10.14
Pig	10.29	9.06	-12.03
Mithun	0.30	0.38	26.66
Yak	0.08	0.06	-25.00
Horses & Ponics	0.63	0.34	-45.58
Mule	0.20	0.08	-57.09
Donkey	0.32	0.12	-61.23
Camel	0.40	0.25	-37.05
Total Livestock	512.06	535.78	4.63

## Livestock Population - 2007 to 2019

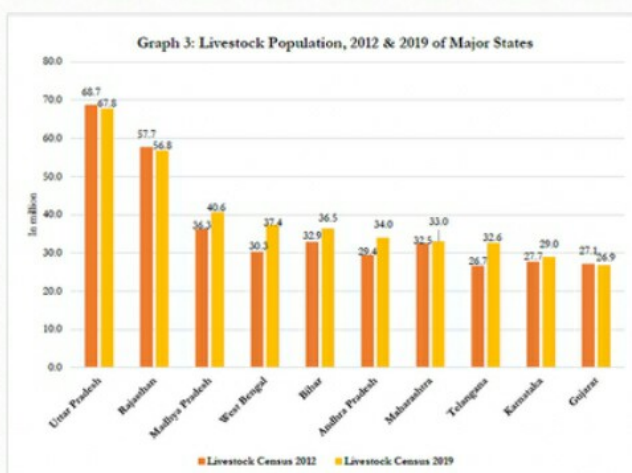


## Livestock Population - Major Species During 2007 to 2019

Species	Population (In million) 2007	Population (In million) 2012	Population (In million) 2019
Cattle	199.08	190.9	192.49

Buffaloes	105.34	108.7	109.85
Sheep	71.56	65.07	74.26
Goats	14.054	135.17	148.88
Pigs	11.13	10.29	9.06
Mithun	0.26	0.30	0.38
Yaks	0.08	0.08	0.06
Horses & ponies	0.61	0.63	0.34
Mules	0.14	0.2	0.08
Donkeys	0.44	0.32	0.12
Camels	0.52	0.4	0.25
<b>Total Livestock</b>	<b>529.70</b>	<b>512.06</b>	<b>535.78</b>

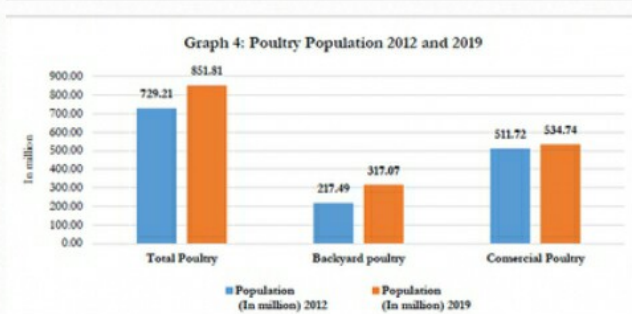
## Livestock Population - Major States



Livestock Population, 2012 & 2019 of Major States

S.No.	States	Population (In million) 2012	Population (In million) 2019	% Change
1	Uttar Pradesh	68.7	67.8	-1.35
2	Rajasthan	57.7	56.8	-1.66
3	Madhya Pradesh	36.3	40.6	11.81
4	West Bengal	30.3	37.4	23.32
5	Bihar	32.9	36.5	10.67
6	Andhra Pradesh	29.4	34.0	15.79
7	Maharashtra	32.5	33.0	1.61
8	Telangana	26.7	32.6	22.21
9	Karnataka	27.7	29.0	4.70
10	Gujarat	27.1	26.9	-0.95

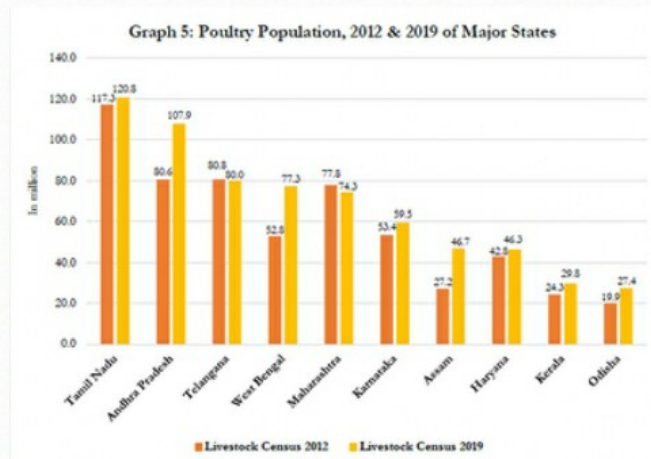
## Poultry



## Poultry Population 2012 and 2019

	Population (In million) 2012	Population (In million) 2019	% growth
Total Poultry	729.21	851.81	16.81
Backyard poultry	217.49	317.07	45.78
Commercial Poultry	511.72	534.74	4.50

- The total poultry has increased by 16.81% and the total poultry is 851.81 million during 2019.
- Over 45.78% increase in backyard poultry and total backyard poultry is 317.07 Million in 2019.
- The commercial poultry has increased by 4.5% and the total commercial poultry is 534.74 million.

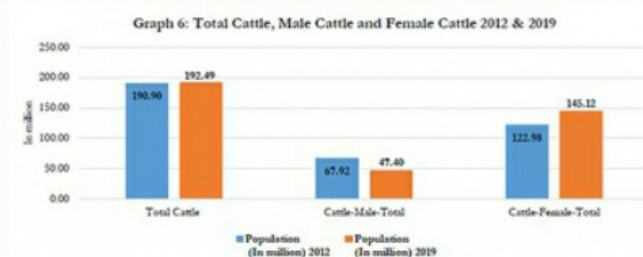


## Poultry Population, 2012 & 2019 of Major States

S.No.	States	Population (In million) 2012	Population (In million) 2019	% Change
1	Tamil Nadu	117.3	120.8	2.92
2	Andhra Pradesh	80.6	107.9	33.85
3	Telangana	80.8	80.0	-0.93
4	West Bengal	52.8	77.3	46.34
5	Maharashtra	77.8	74.3	46.34
6	Karnataka	53.4	59.5	11.33
7	Assam	27.2	46.7	71.63
8	Haryana	42.8	46.3	8.11
9	Kerala	24.3	29.8	22.61
10	Odisha	19.9	27.4	37.95

## Cattle

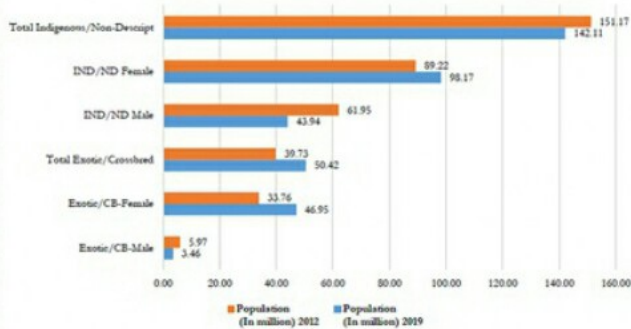
- Total Cattle Population in the country is 192.49 Million during 2019.
- Total cattle is increased by 0.8% over previous Livestock Census (2012).
- Female Cattle Population increased by 18.0% whereas Male cattles decreased by 30.2% over previous census.
- About 36% of the total livestock is contributed by cattle.



## Cattle Population- Breed Group-wise Population



Graph 7: Breed-Group wise Distribution of Cattle Population 2012 & 2019

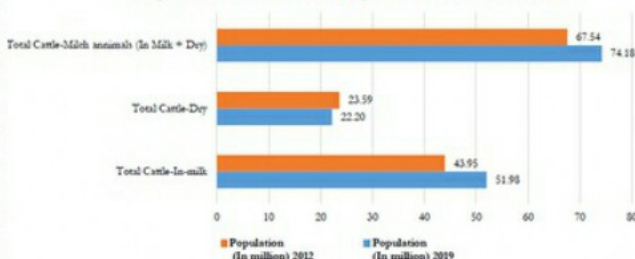


Exotic/Crossbred and Indigenous/Non-Descript Cattle Population-Male, Female and Total

Category	Population (In million) 2012	Population (In million) 2019	% Change
Total Cattle	190.90	192.49	0.8
Exotic/Crossbred			
Male	5.97	3.46	-4.20
Female	33.76	46.95	39.1
Total Exotic/Crossbred	39.73	50.42	26.9
Indigenous/Non-Descript			
Male	61.95	43.94	-29.1
Female	89.22	98.17	10.0
Total Indigenous/Non-Descript	151.17	142.11	-6.0

Cattle Population - Milch Cattle

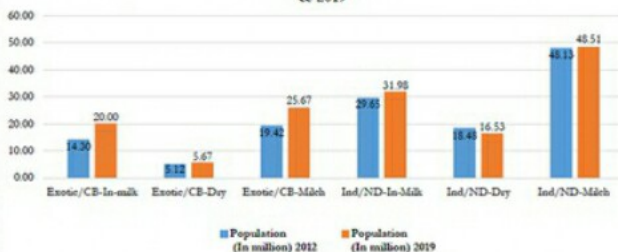
Graph 8: Total Cattle- In-milk, Dry & Milch animals 2012 & 2019



- Total milch cattle in the country is 74.8 Million increased by 9.8% over the previous census

Breed group-wise - In-Milk, Dry and Milch Cattle

Graph 9: Cattle-Exotic/Crossbred and Indigenous/Non-Descript 2012 & 2019



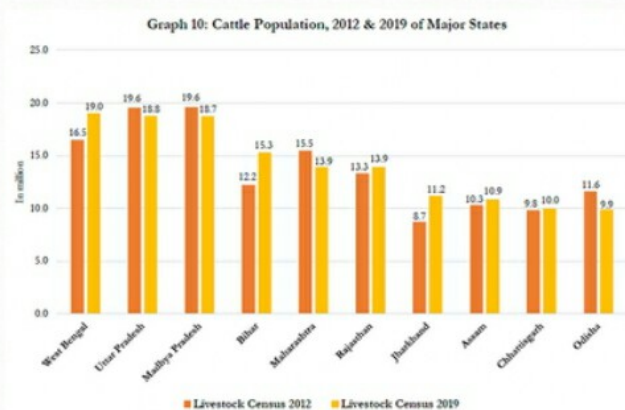
- Milch Cattle of Exotic-Crossbred has increased by 32.2% over previous census
- Milch Cattle of Indigenous/Non-Descript has increased marginally by 0.8%

In-milk, Dry and Milch Cattle for Exotic/Crossbred and Indigenous/Non-Descript

Breed Group	Category	Population (In million) 2012	Population (In million) 2019	% Change
Exotic/Crossbred	In-milk	14.30	20.00	39.8
	Dry	5.12	5.67	10.8
	Milch	19.42	25.67	32.2
Indigenous/Non-descript	In-milk	29.65	31.98	7.87

	Dry	18.48	16.53	-10.53
	Milch	48.13	48.51	0.81

### Cattle Population - Major States

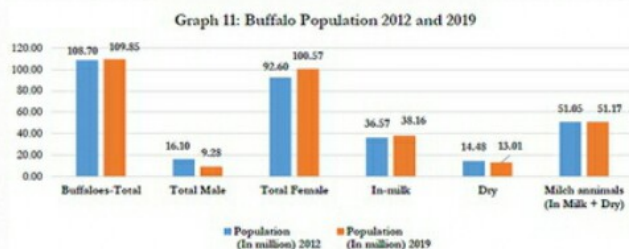


### Cattle Population, 2012 & 2019 in Major States

S.No.	States	Population (In million) 2012	Population (In million) 2019	% Change
1	West Bengal	16.5	19.0	15.18
2	Uttar Pradesh	19.6	18.8	-3.93
3	Madhya Pradesh	19.6	18.7	-4.42
4	Bihar	12.2	15.3	25.18
5	Maharashtra	15.5	13.9	-10.07
6	Rajasthan	13.3	13.9	4.41
7	Jharkhand	8.7	11.2	28.16
8	Assam	10.3	10.9	5.29
9	Chhattisgarh	9.8	10.0	1.63
10	Odisha	11.6	9.9	-15.01

## Buffalo

- Total Buffalo Population in the country is 109.85 Million during 2019.
- Total Buffalo has increased by 1.1% over previous Livestock Census (2012).
- Female Buffalo Population increased by 8.61% whereas Male Buffalo is declined by 42.35% over previous census.
- About 20.5% of the total livestock is contributed by buffaloes.



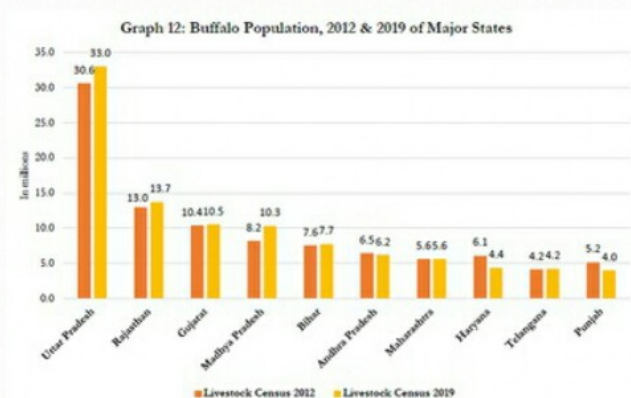
- Milch buffalo population has increased marginally by 0.2% over previous census in which in-milk has increased by 4.3% whereas Dry category has declined by 10.2%.

### Total Buffalo, Male, Female and Milch Animals

Category	Population (In million) 2012	Population (In million) 2019	% Change
Buffaloes - Total	108.70	109.85	1.06
Total Male	16.10	9.28	-42.35
Total Female	92.60	100.57	8.61

In-milk	36.57	38.16	4.34
Dry	14.48	13.01	-10.19
Milch animals (In Milk + Dry)	51.05	51.17	0.22

### Buffalo Population - Major States

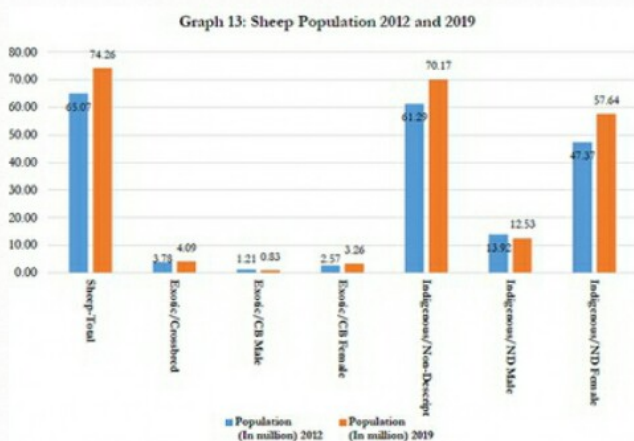


### Buffalo Population 2012 & 2019 of Major States

S.No.	States	Population (In million) 2012	Population (In million) 2019	% Change
1	Uttar Pradesh	30.6	33.0	7.81
2	Rajasthan	13.0	13.7	5.53
3	Gujarat	10.4	10.5	1.52
4	Madhya Pradesh	8.2	10.3	25.88
5	Bihar	7.6	7.7	2.02
6	Andhra Pradesh	6.5	6.2	-3.76
7	Maharashtra	5.6	5.6	0.17
8	Haryana	6.1	4.4	-28.22
9	Telangana	4.2	4.2	1.59
10	Punjab	5.2	4.0	-22.17

### Sheep

- Total Sheep Population in the country is 74.26 Million during 2019.
- Total Sheep has increased by 14.13% over previous Livestock Census (2012).
- About 13.8% of the total livestock contributed by Sheep.



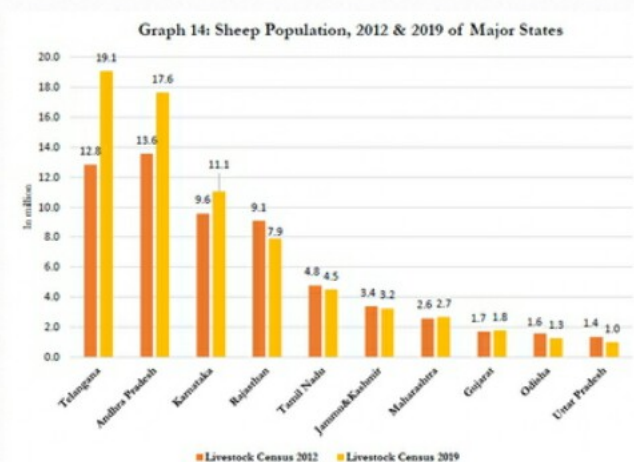
### Sheep Population - Exotic/Crossbred and Indigenous/Non-Descript

Category	Population (In million) 2012	Population (In million) 2019	% Change
Sheep - Total	65.07	74.26	14.13
Exotic/Crossbred	3.78	4.09	8.12



Exotic/Crossbred Male	1.21	0.83	-31.32
Exotic/Crossbred Female	2.57	3.26	26.85
Indigenous/Non-Descript	61.29	70.17	14.50
Indigenous/Non-Descript Male	13.92	12.53	-9.94
Indigenous/Non-Descript Female	47.37	57.64	21.67

### Sheep Population - Major States

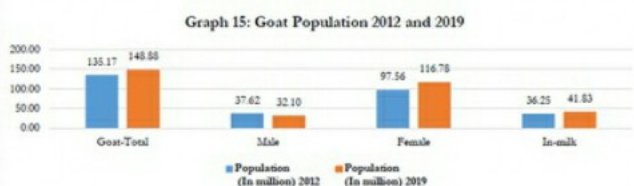


### Sheep Population 2012 & 2019 of Major States

S.No.	States/UTs	Population (In million) 2012	Population (In million) 2019	% Change
1	Telangana	12.8	19.1	48.51
2	Andhra Pradesh	13.6	17.6	30.00
3	Karnataka	9.6	11.1	15.31
4	Rajasthan	9.1	7.9	-12.95
5	Tamil Nadu	4.8	4.5	-5.98
6	Jammu & Kashmir	3.4	3.2	-4.19
7	Maharashtra	2.6	2.7	3.87
8	Gujarat	1.7	1.8	4.66
9	Odisha	1.6	1.3	-19.10
10	Uttar Pradesh	1.4	1.0	-27.25

## Goat

- Total Goat Population in the country is 148.88 Million during 2019.
- Total Goat has increased by 10.14% over previous Livestock Census (2012).
- About 27.8% of the total livestock is contributed by goats.

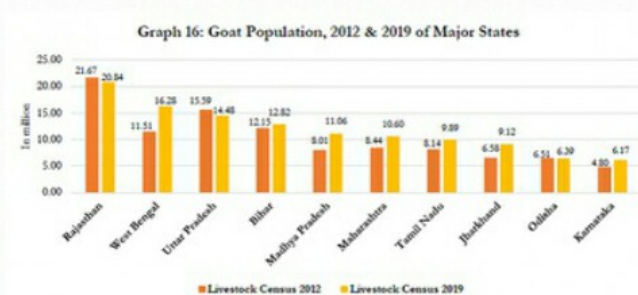


### Goat Population - Male, Female and Milch

Category	Population (In million) 2012	Population (In million) 2019	% Change
Goat-Total	135.17	148.88	10.14
Male	37.62	32.10	-14.65
Female	97.56	116.78	19.71
In-Milk	36.25	41.83	15.38

Dry	25.31	27.82	9.95
Milch animals (In Milk + Dry)	61.53	69.65	13.15

### Goat Population - Major States



### Goat Population 2012 & 2019 of Major States

S.No.	States	Population (In million) 2012	Population (In million) 2019	% Change
1	Rajasthan	21.67	20.84	-3.81
2	West Bengal	11.51	16.28	41.49
3	Uttar Pradesh	15.59	14.48	-7.09
4	Bihar	12.15	12.82	5.49
5	Madhya Pradesh	8.01	11.06	38.07
6	Maharashtra	8.44	10.60	25.72
7	Tamil Nadu	8.14	9.89	21.43
8	Jharkhand	6.58	9.12	38.59
9	Odisha	6.51	6.39	-1.84
10	Karnataka	4.80	6.17	28.63

## Pig

- Total Pig Population in the country is 9.06 Million during 2019.
- Total Pig Population has decreased by 12.0% over previous Livestock Census (2012).
- About 1.7% of the total livestock is contributed by pigs.

Category	Population (In million) 2012	Population (In million) 2019	% Change
Pig-Total	10.29	9.06	-12.03
Exotic/Crossbred	2.46	1.90	-22.76
Indigenous/Non-Descript	7.84	7.16	-8.66

## Camel

- Total Camel Population in the country is 0.25 Million during 2019.
- Total Camel Population has decreased by 37.1% over previous Livestock Census (2012).

Category	Population (In million) 2012	Population (In million) 2019	% Change
Camel-Total	0.40	0.25	-37.05
Male	0.19	0.08	-56.40
Female	0.21	0.17	-19.46

## Horses, Ponies, Mules & Donkeys

- Total Population of Horses, Ponies, Mules & Donkeys in the country is 0.55 Million during 2019.
- Total Population of Horses, Ponies, Mules & Donkeys has decreased by 51.9% over previous Livestock Census (2012).

## Horses, Ponies, Mules & Donkeys Population 2012 and 2019

Category	Population (In million) 2012	Population (In million) 2019	% Change
Horses & Ponies-Total	0.62	0.34	-45.58
Mules-Total	0.20	0.08	-57.09
Donkey-Total	0.32	0.12	-61.23
Total	1.14	0.54	-52.63

## Mithun

- Total Population of Mithun in the country is 3.9 Lakhs during 2019.
- Total Population of Mithun has increased by 30.0% over previous Livestock Census (2012).

Category	Population (In Lakh) 2012	Population (In Lakh) 2019	% Change
Mithun-Total	3.0	3.8	26.66
Male	1.3	1.7	30.76
Female	1.7	2.1	23.52

## Yak

- Total Population of Yak in the country is 58 Thousands during 2019.
- Total Population of Yak has decreased by 24.67% over previous Livestock Census (2012).

Category	Population (In 000) 2012	Population (In 000) 2019	% Change
Yak-Total	77	58	-24.67
Male	35	26	-25.71
Female	42	32	-23.80



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