

# Chapter 31

## SIKKIM

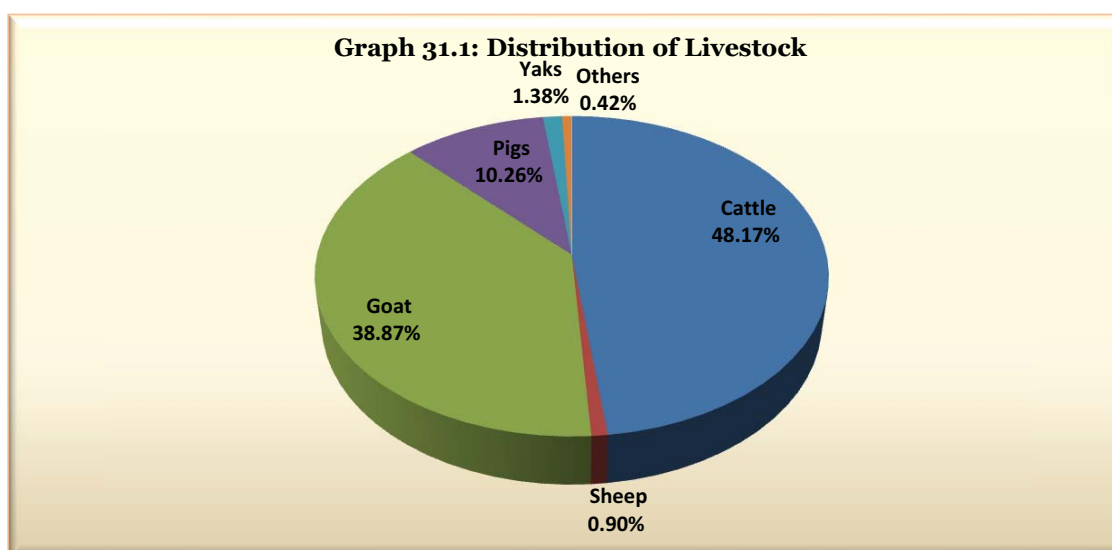
### Livestock Population

The following table shows the changes in the total number of livestock in Sikkim during the two inter censal period.

**Table 31.1: Total Livestock Population**

| 18 <sup>th</sup> Livestock Census 2007<br>( in Millions) | 19 <sup>th</sup> Livestock Census 2012<br>( in Millions) |
|--|--|
| 0.27   | 0.29   |

There is increase in livestock population over 2007 to 2012 from 0.27 million to 0.29 million registering a growth of 7.96% in the total number of animals of various species. In Census 2012, the total livestock population has been distributed under various categories as per diagram given below:



The diagram above shows that among the total livestock, Cattle contributes highest with 48.17% followed by Goat 38.87%, Pigs 10.26%, Yaks 1.38%, Sheep 0.90% and Others 0.42% besides marginal contribution is attributed by other livestock species such as Buffalo and Horses and Ponies. The variation in the number of animals in different species of livestock in comparison to the previous census is shown in the table 31.2:

**Table 31.2: Total Livestock in 2003 and 2012**

(in thousands)

| <b>CATEGORY</b>          | <b>2003</b> | <b>2007</b> | <b>2012</b> | <b>% Change from 2007 to 2012</b> |
|--------------------------|-------------|-------------|-------------|-----------------------------------|
| <b>Cattle</b>            |             |             |             |                                   |
| Exotic/Crossbred         |             |             |             |                                   |
| Male                     | 24.00       | 27.23       | 38.25       | 40.48                             |
| Female                   | 56.00       | 45.74       | 88.27       | 92.96                             |
| Total Exotic/Crossbred   | 80.00       | 72.97       | 126.52      | 73.38                             |
| Indigenous               |             |             |             |                                   |
| Male                     | 33.00       | 28.67       | 5.05        | -82.40                            |
| Female                   | 46.00       | 33.23       | 8.90        | -73.21                            |
| Total Indigenous         | 79.00       | 61.90       | 13.95       | -77.47                            |
| Total Cattle             | 159.00      | 134.87      | 140.47      | 4.15                              |
| <b>Buffalo</b>           |             |             |             |                                   |
| Male                     | 1.00        | 0.09        | 0.14        | 58.24                             |
| Female                   | 1.00        | 0.15        | 0.56        | 267.76                            |
| Total Buffalo            | 2.00        | 0.24        | 0.70        | 189.30                            |
| <b>Yaks</b>              |             |             |             |                                   |
| Male                     | 3.00        | 2.50        | 1.58        | -36.68                            |
| Female                   | 4.00        | 2.77        | 2.46        | -11.31                            |
| Total Yaks               | 7.00        | 5.23        | 4.04        | -22.76                            |
| <b>Mithuns</b>           |             |             |             |                                   |
| Male                     | 0.00        | 0.00        | 0.00        |                                   |
| Female                   | 0.00        | 0.00        | 0.00        |                                   |
| Total Mithuns            | 0.00        | 0.00        | 0.00        |                                   |
| <b>Bovine</b>            |             |             |             |                                   |
| Male                     | 59.00       | 58.49       | 45.02       | -23.02                            |
| Female                   | 108.00      | 81.85       | 100.18      | 22.39                             |
| Total Bovines            | 168.00      | 140.34      | 145.21      | 3.47                              |
| <b>Sheep</b>             |             |             |             |                                   |
| Exotic/Crossbred         |             |             |             |                                   |
| Male                     | 0.00        | 0.02        | 0.56        | 2552.38                           |
| Female                   | 0.00        | 0.00        | 0.53        | 17566.67                          |
| Total Exotic/Crossbred   | 0.00        | 0.02        | 1.09        | 4429.17                           |
| Indigenous               |             |             |             |                                   |
| Male                     | 2.00        | 1.75        | 0.62        | -64.72                            |
| Female                   | 3.00        | 0.76        | 0.93        | 21.89                             |
| Total Indigenous         | 6.00        | 2.51        | 1.55        | -38.42                            |
| Total Sheep              | 6.00        | 2.54        | 2.63        | 3.86                              |
| <b>Goat</b>              |             |             |             |                                   |
| Male                     | 60.00       | 38.31       | 53.10       | 38.61                             |
| Female                   | 64.00       | 53.68       | 60.26       | 12.25                             |
| Total Goat               | 124.00      | 92.00       | 113.36      | 23.23                             |
| <b>Horses&amp;Ponies</b> |             |             |             |                                   |
| Male                     | 1.00        | 0.00        | 0.28        | 9366.67                           |
| Female                   | 1.00        | 0.00        | 0.23        |                                   |
| Total Horses&Ponies      | 2.00        | 0.00        | 0.51        | 16933.33                          |

(in thousands)

| CATEGORY                | 2003          | 2007          | 2012          | % Change from 2007 to 2012 |
|-------------------------|---------------|---------------|---------------|----------------------------|
| <b>Mules</b>            |               |               |               |                            |
| Total Mules             | 0.00          | 0.00          | 0.00          |                            |
| <b>Donkey</b>           |               |               |               |                            |
| Male                    | 0.00          | 0.00          | 0.00          |                            |
| Female                  | 0.00          | 0.00          | 0.00          |                            |
| Total Donkeys           | 0.00          | 0.00          | 0.00          |                            |
| <b>Camels</b>           |               |               |               |                            |
| Male                    | 0.00          | 0.00          | 0.00          |                            |
| Female                  | 0.00          | 0.00          | 0.00          |                            |
| Total Camels            | 0.00          | 0.00          | 0.00          |                            |
| <b>Pigs</b>             |               |               |               |                            |
| Exotic/Crossbred        |               |               |               |                            |
| Male                    | 15.00         | 25.14         | 19.24         | -23.45                     |
| Female                  | 4.00          | 10.11         | 8.21          | -18.78                     |
| Total Exotic/Crossbred  | 19.00         | 35.25         | 27.46         | -22.11                     |
| Indigenous              |               |               |               |                            |
| Male                    | 14.00         | 0.00          | 1.60          |                            |
| Female                  | 5.00          | 0.00          | 0.85          |                            |
| Total Indigenous        | 19.00         | 0.00          | 2.45          |                            |
| Total Pigs              | 38.00         | 35.25         | 29.91         | -15.16                     |
| <b>TOTAL LIVESTOCK</b>  | <b>337.00</b> | <b>270.13</b> | <b>291.63</b> | <b>7.96</b>                |
| <b>Dogs</b>             |               |               |               |                            |
| Male                    | 16.00         | 23.71         | 16.20         | -31.66                     |
| Female                  | 8.00          | 13.41         | 7.11          | -46.97                     |
| Total Dogs              | 24.00         | 37.12         | 23.31         | -37.19                     |
| <b>Rabbit</b>           |               |               |               |                            |
| Male                    | 2.00          | 0.46          | 0.30          | -35.99                     |
| Female                  | 2.00          | 0.29          | 0.23          | -20.82                     |
| Total Rabbits           | 3.00          | 0.76          | 0.53          | -30.12                     |
| <b>Elephants</b>        |               |               |               |                            |
| Male                    | NA            | 0.00          | 0.00          |                            |
| Female                  | NA            | 0.00          | 0.00          |                            |
| Total Elephants         | NA            | 0.00          | 0.00          |                            |
| <b>POULTRY</b>          |               |               |               |                            |
| Fowls                   | 321.00        | 156.69        | 451.15        | 187.93                     |
| Ducks                   | 1.00          | 0.74          | 0.80          | 8.50                       |
| Turkeys & Other Poultry | 0.00          | 0.01          | 0.01          |                            |
| Total Poultry           | 322.00        | 157.45        | 451.97        | 187.06                     |

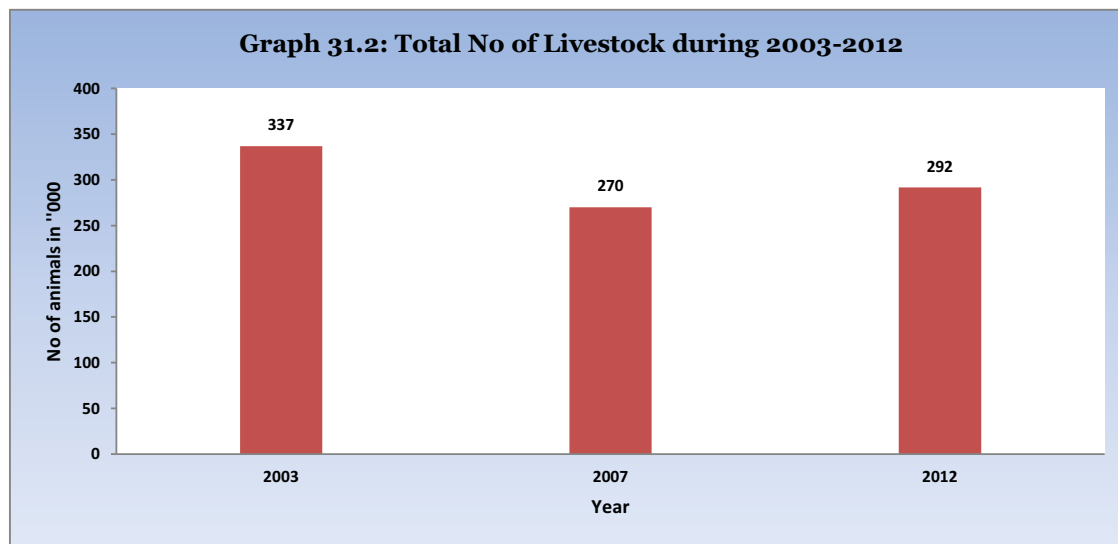
#Excluding Stray Cattle and Stray Dogs

NA-Not Available/Not Reported

Note: Figure 'Zero' means either 'nil' or negligible.

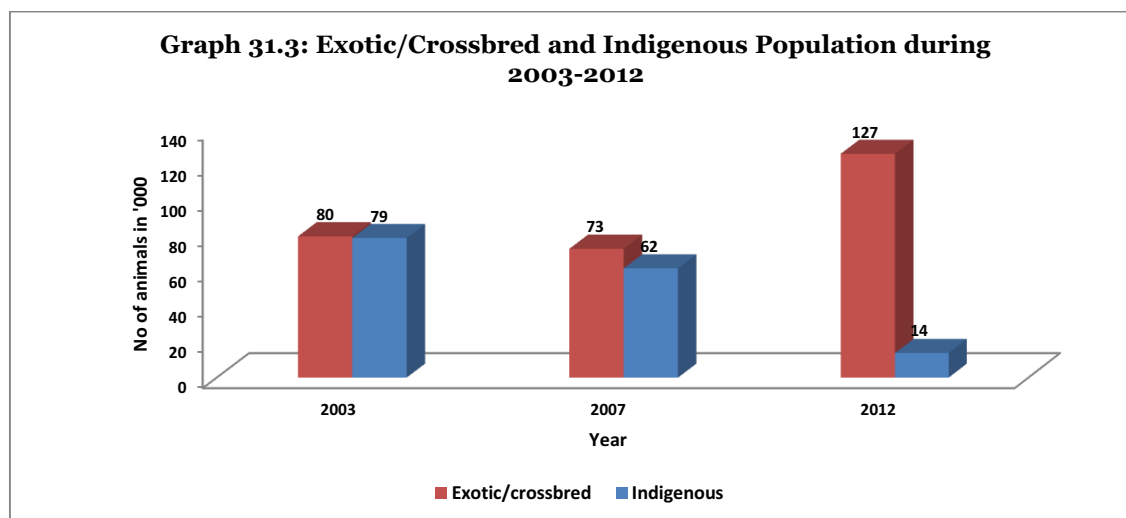
### Trend of total livestock population 2003-2012

The change in the total livestock population over past 3 livestock censuses is depicted below:



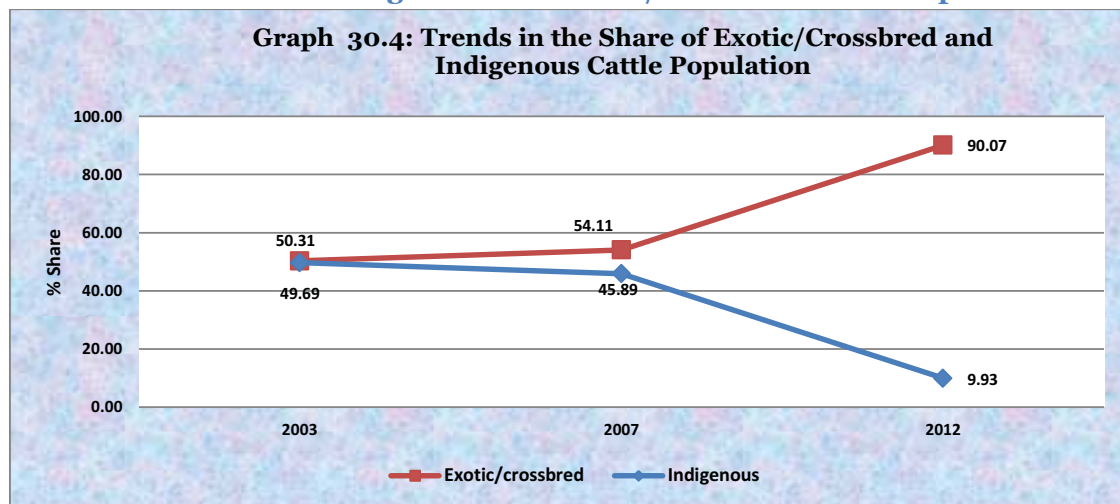
### Cattle

The total cattle population is 0.14 million numbers in the state as per the census 2012. There is a 4.15% increase in number of cattle during the inter censuses period (2007-2012).



The above graph shows that the total exotic/crossbred cattle population has increased from 0.08 million in 2003 to 0.12 million in Census 2012. The indigenous cattle population has decreased from 0.07 million in 2003 to 0.01 million in 2012. The percentage changes in the number of exotic and indigenous cattle population are 73.38% and -77.47% respectively during the inter censuses period (2007-2012).

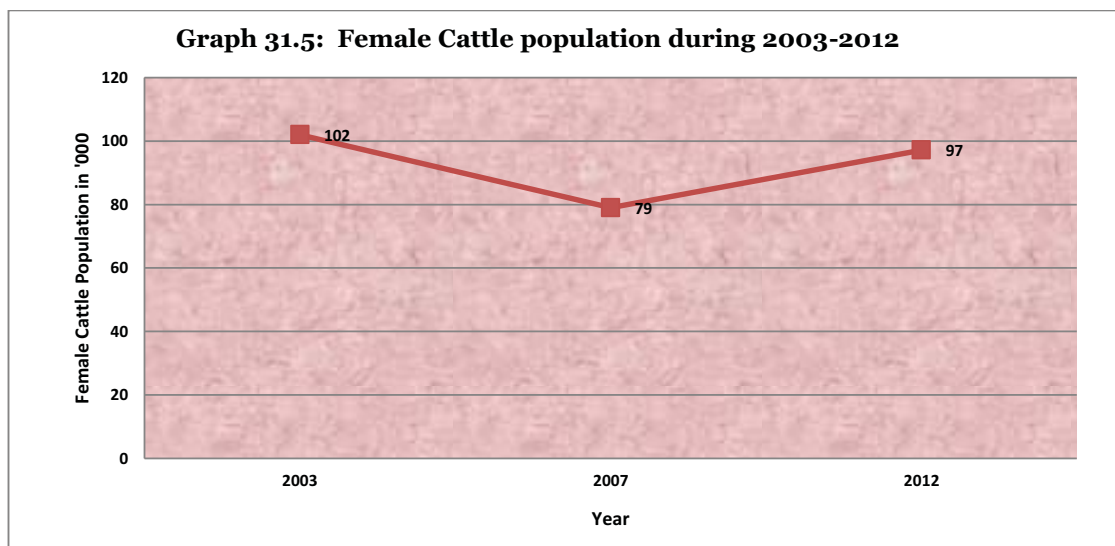
## Trends in the Share of Indigenous and Exotic/Crossbred Cattle Population



The diagram above shows the trends in the percentage share of exotic/crossbred and indigenous cattle over total cattle population during the period 2003-2012. The percentage share of exotic/ crossbred cattle has increasing consistently since 2003 whereas for indigenous category there is a decline.

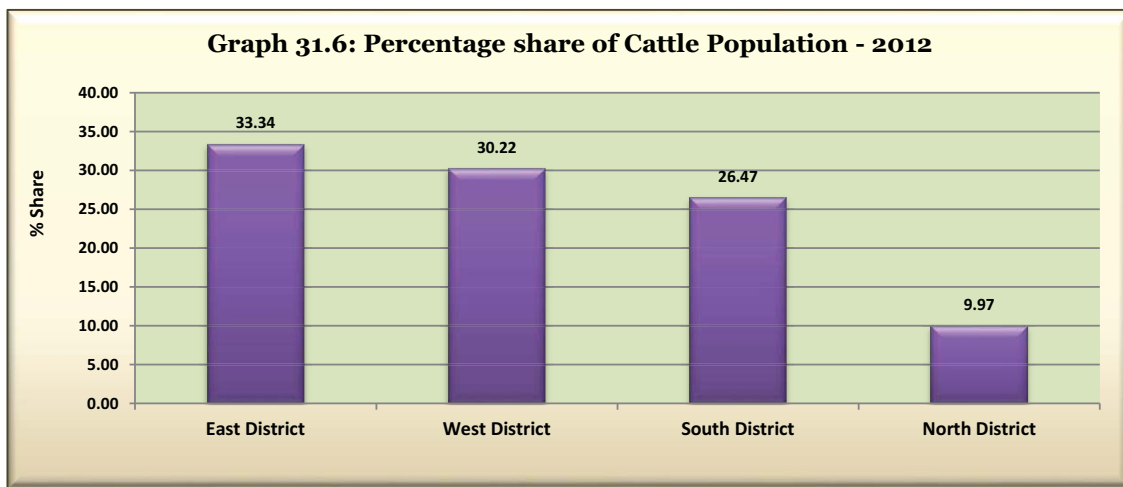
### Cattle-Female

The total number of female cattle in the state is 0.09 million as per census 2012. The number of female cattle has decreased from 0.10 million in 2003 to 0.09 million in 2012 as depicted in the diagram below. However, over the previous census the female cattle population has increased by 23.04%.



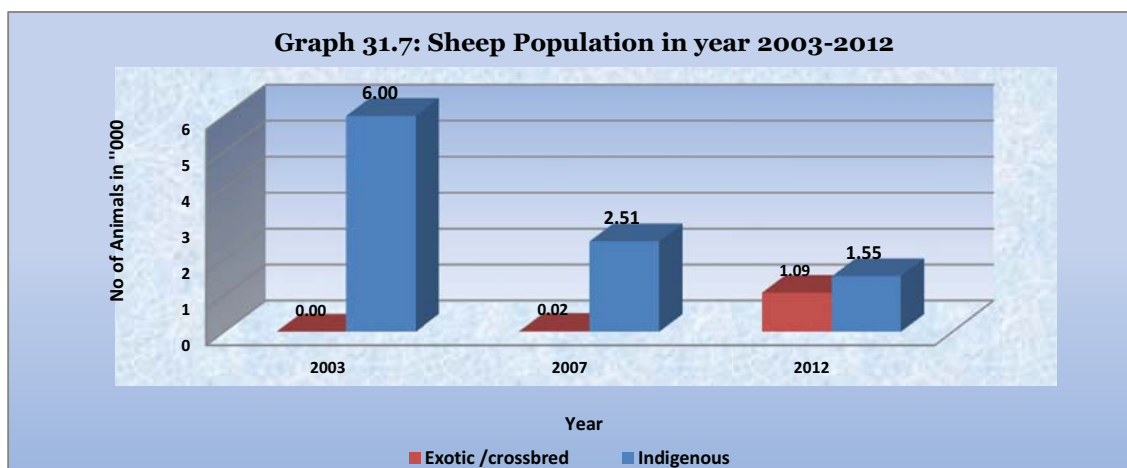
### District-wise Cattle Population

The graph below shows that the East district has the highest contribution in cattle population with 33.34%. The second and third highest contributors are West and South districts with share of cattle population of 30.22% and 26.47% respectively.



### Sheep

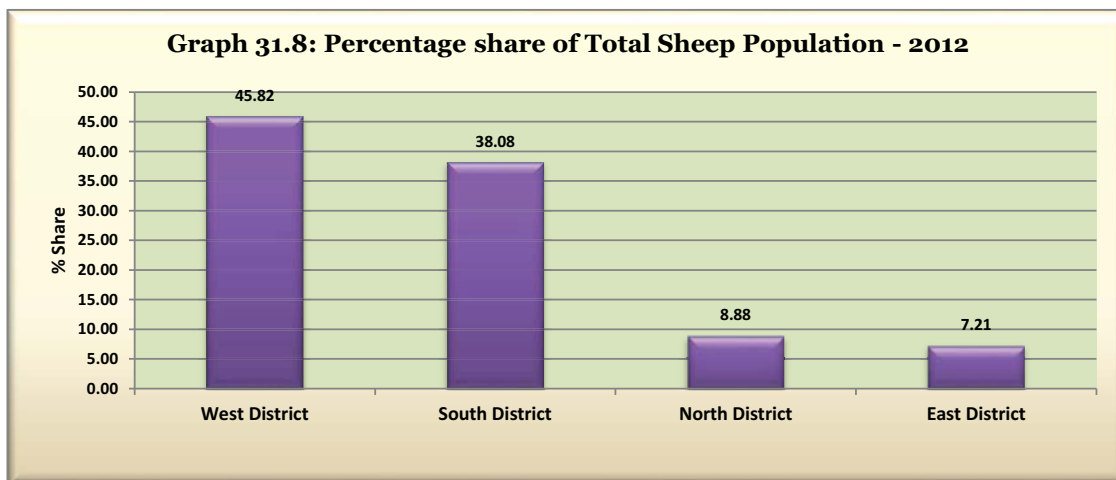
The total sheep population in the state 0.003 million numbers as per the census 2012. There is a 3.86% increase in number of sheep during the inter censuses period (2007-2012).



The number of exotic/crossbred sheep has increasing consistently since 2003. The number of indigenous sheep has decreased from 0.006 million in 2003 to 0.002 million in 2012. There is decline of 38.42% in indigenous sheep population during inter censuses period (2007-2012).

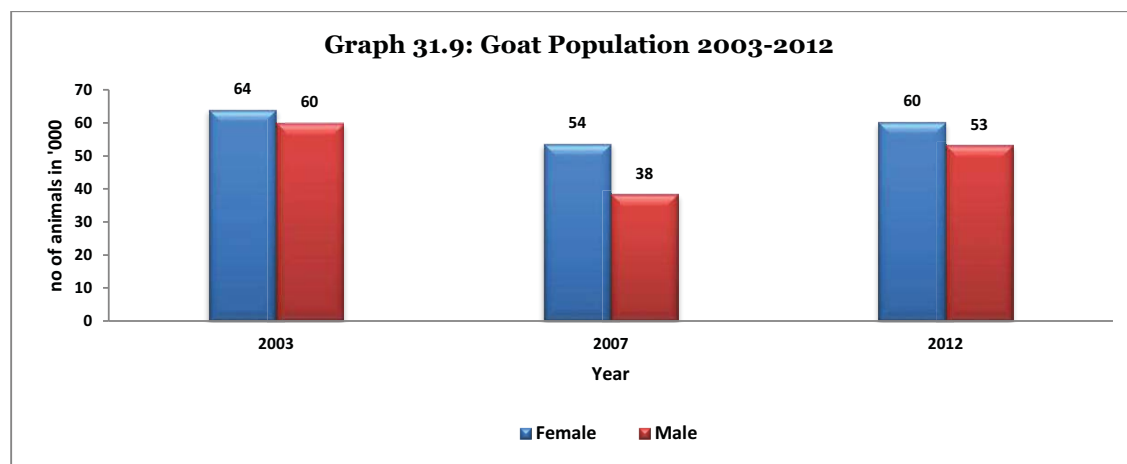
### District-wise Sheep Population

The graph below shows that the West district has the highest contribution in sheep population with 45.82%. The second and third highest contributors are South and North districts with share of sheep population of 38.08% and 8.88% respectively.



## Goat

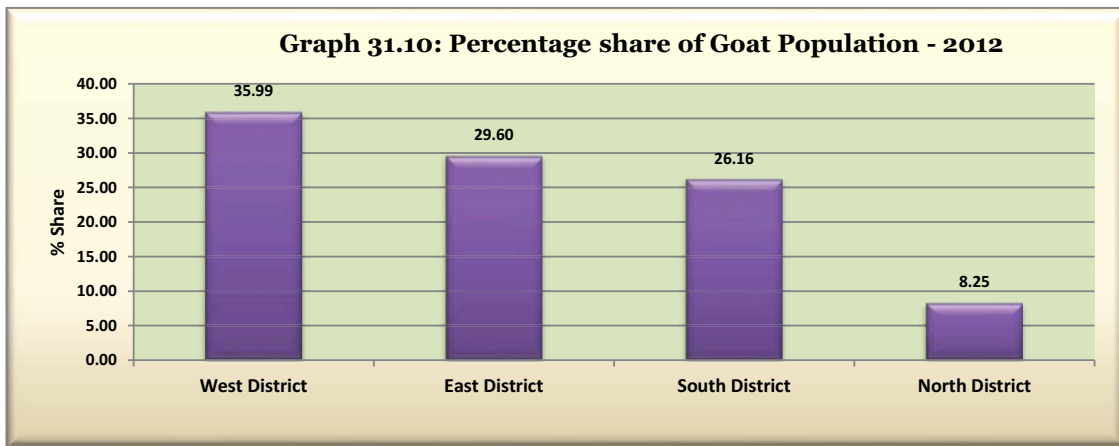
The total number of goat in the state is 0.11 million numbers as per census 2012. There is a 23.23% increase in number of goat population during the inter censuses period (2007-2012).



The diagram above shows that the total number of female goat population has decreased from 0.064 million in 2003 to 0.060 million in 2012. However, the female goat population has increased by 12.25% over the previous census. The male goat population has decreased from 0.06 million in 2003 to 0.05 million in 2012. However, the population of male goat has increased by 38.61% during the inter censuses period (2007-2012).

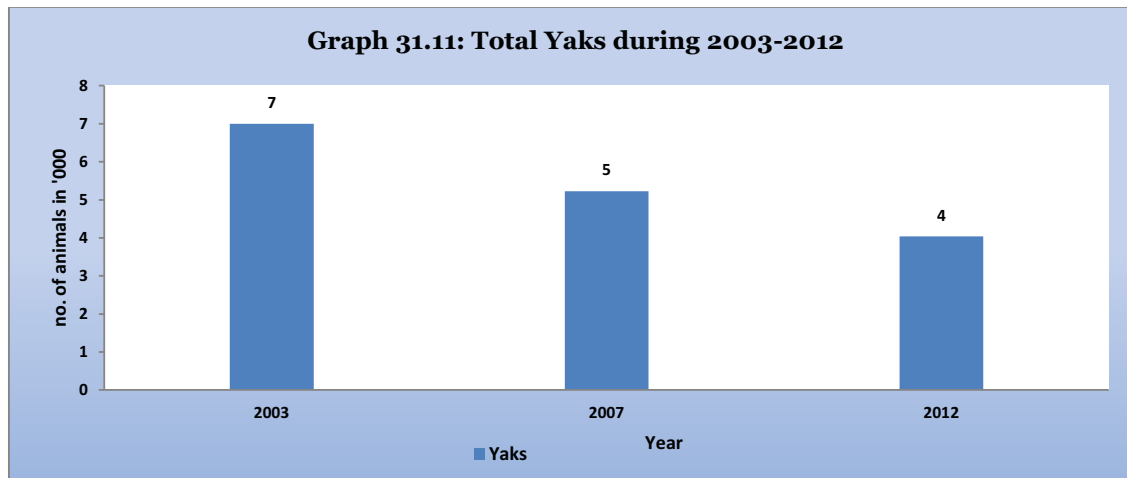
### District-wise Goat Population

The graph below shows that the District of West has the major contribution in goat population of 35.99%. The second and third highest contributors are East and South districts with share of goat population of 29.60% and 26.16% respectively.



## Yaks

The total number of yaks in the state is 0.004 million numbers as per 2012 census. The changes in the number of yaks population over the 3 census are depicted in the graph below.

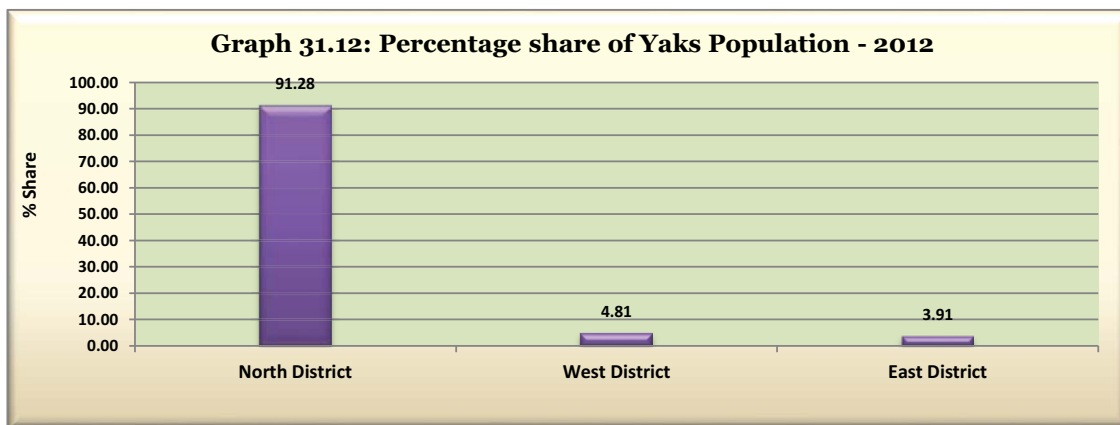


As per the diagram above the total yaks population has decreased from 0.007 million number in 2003 to 0.004 million number in 2012. There is a 22.76% decrease in number of donkey population during the inter census period (2007-2012).

## District-wise Yaks Population

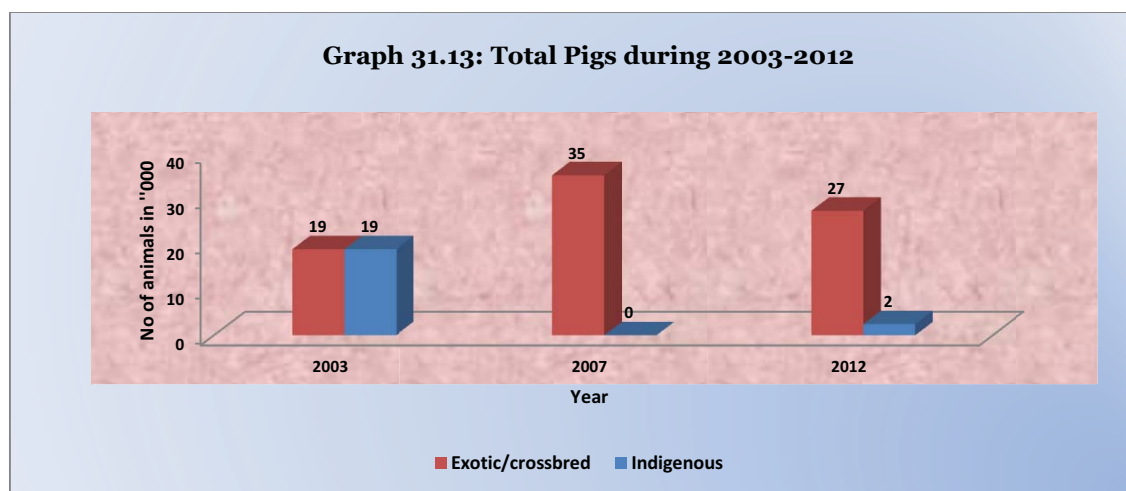
The graph below shows that the district of North has the highest contribution in yak population of 91.28%. The second and third highest contributors are West and East districts with share of yak population 4.81% and 3.91% respectively.





## Pigs

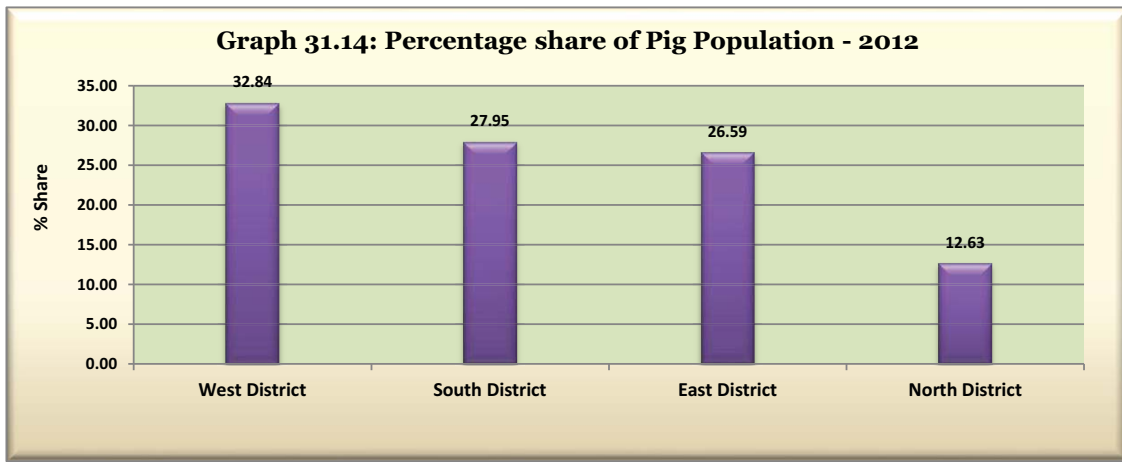
The total number of pigs in the state is 0.03 million numbers as per census 2012. There is a 15.16% decrease in number of pigs during the inter censuses period (2007-2012).



The number of exotic/crossbred pig has increased from 0.01 million in 2003 to 0.02 million in 2012. The number of indigenous pig has decreased from 0.01 million in 2003 to 0.002 million in 2012. The percentage change in number of exotic/crossbred is -22.11% during the inter censuses period (2007-2012).

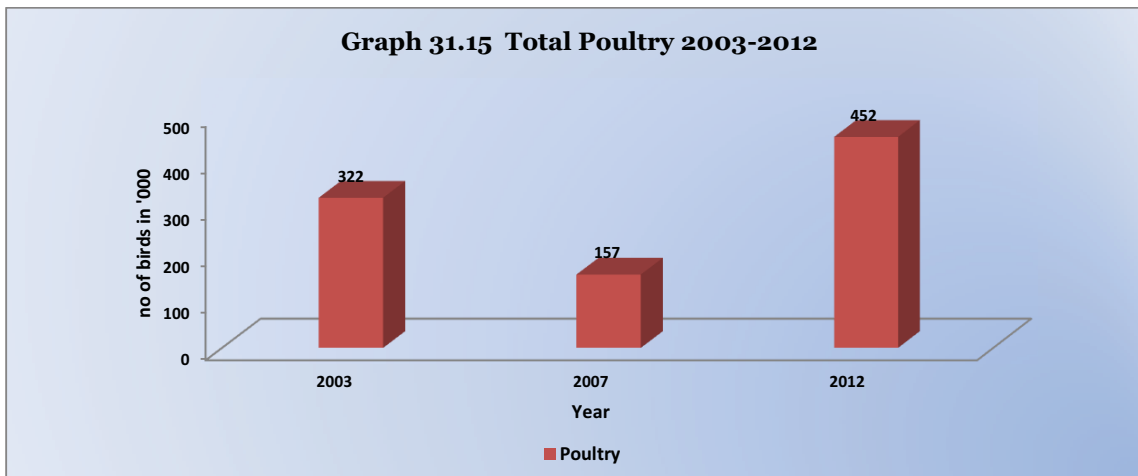
## District-wise Pig Population

The graph below shows that the District of West has the highest contribution in pig population of 32.84%. The second and third highest contributors are South and East districts with share of pig population of 27.95% and 26.59% respectively.



## Poultry

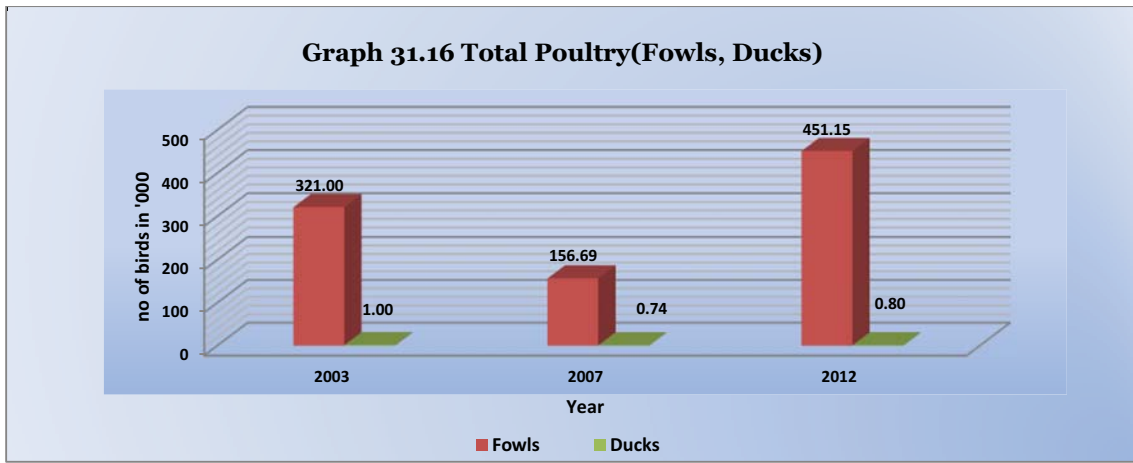
The poultry population is mainly contributed by fowls in Sikkim with total Poultry population of 0.45 million numbers. The changes in the poultry population over previous 3 censuses are depicted in the graph below:



The total poultry population have increased from 0.32 million numbers in 2003 to 0.45 million numbers in 2012. There is an increase of 187.06% in the poultry population during the inter census period (2007-2012).

## Fowl, Duck and Turkey and others

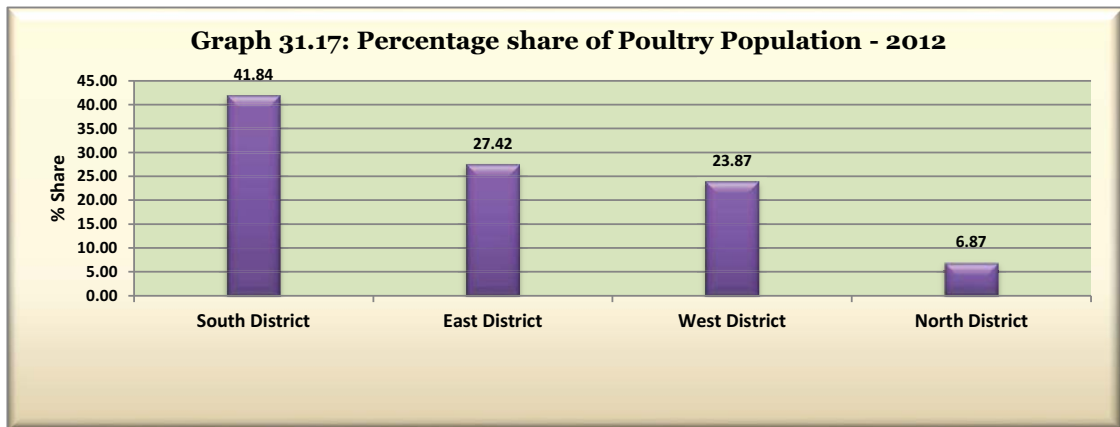
The diagram below shows the number of poultry birds i.e. fowls, duck and turkey and others over the period 2003-2012.



The diagram above shows that the population of fowls have increased from 0.32 million numbers in 2003 to 0.45 million numbers in 2012. The fowl population has increased by 187.93% over the previous censuses periods. The ducks population has increased marginally by 8.5% during inter censuses period (2007-2012).

#### District-wise poultry Population

The graph below shows that the District-wise percentage of poultry population.

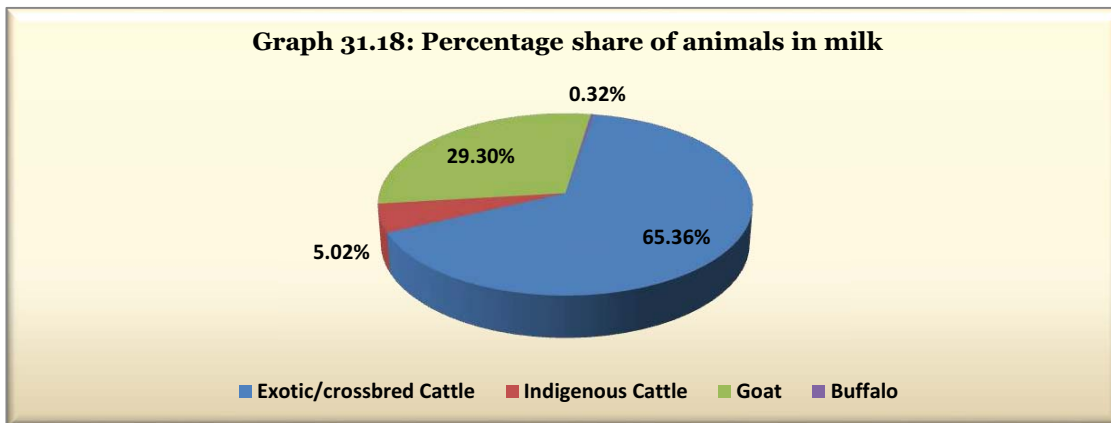


The analysis shows that the District of South having the highest contribution of 41.84% of total poultry population in the state with total poultry population 0.18 million. The second and third largest contributors are East and West districts with 27.42% and 23.87% respectively.

#### Uses- Cattle, Buffalo and Goat

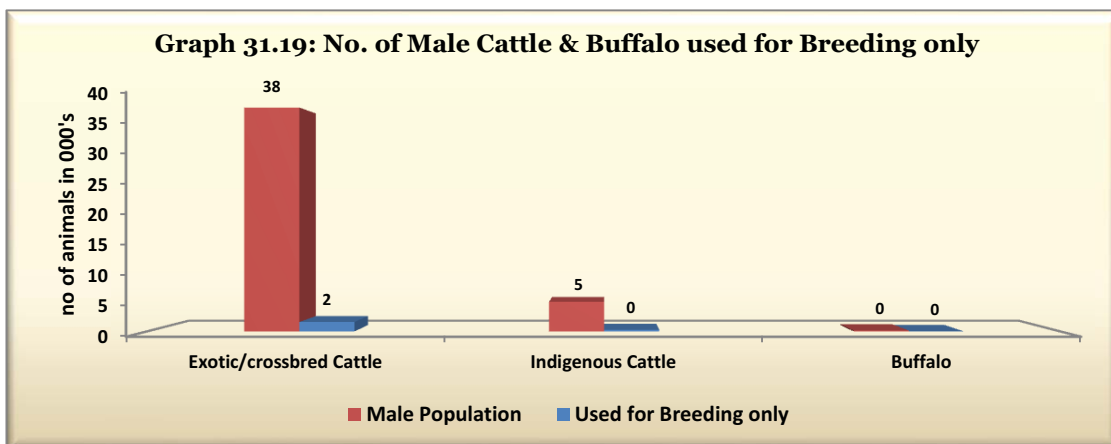
##### Animals in milk

The total number of animals in milk in the State is 0.05 million numbers. The diagram bellow shows the percentage share of animals in milk for three major species such as cattle, buffalo and goat.



### Animals used for Breeding

The total number of animals used for breeding in the state is 0.13 million number as per census 2012. The diagram below shows the distribution of male Cattle and Buffalo used for Breeding.



The detailed statistical tables, species and district wise, with rural and urban combinations are presented in the Annexure-XXXI for reference.

## **Annexure-XXXI**

### **Detailed Statistical Tables Species and District-wise**

**Table 1: Total Number of Livestock and Poultry\*****State: SIKKIM**

| <b>SNo.</b>  | <b>District</b> | <b>Total</b>  | <b>Poultry</b> |
|--------------|-----------------|---------------|----------------|
| 1            | East District   | 88808         | 123931         |
| 2            | North District  | 31411         | 31045          |
| 3            | South District  | 76235         | 189099         |
| 4            | West District   | 95172         | 107891         |
| <b>Total</b> |                 | <b>291626</b> | <b>451966</b>  |

*\*Total Livestock covers Cattle, Buffalo, Sheep, Goat, pig, Horses& Ponies, Mules, Donkeys, Camels, Mithun and Yak and total poultry include total birds in the poultry farms and hatcheries.*

**Table 2: Details of Bovines by Sex****State: SIKKIM**

| <b>SNo.</b>  | <b>District</b> | <b>Male</b>  | <b>Female</b> | <b>Total</b>  |
|--------------|-----------------|--------------|---------------|---------------|
|              | <b>(1)</b>      | <b>(2)</b>   | <b>(3)</b>    | <b>(4)</b>    |
| 1            | East District   | 13874        | 33141         | 47015         |
| 2            | North District  | 5684         | 12030         | 17714         |
| 3            | South District  | 12245        | 24968         | 37213         |
| 4            | West District   | 13220        | 30044         | 43264         |
| <b>Total</b> |                 | <b>45023</b> | <b>100183</b> | <b>145206</b> |

**Table 3 : Details of Cattle by Age, Sex and Use in Rural and Urban Combined**

**State: SIKKIM**

| SNo.                         | District                    | Exotic / Crossbred Cattle |   |              |             |            |              |
|------------------------------|-----------------------------|---------------------------|---|--------------|-------------|------------|--------------|
|                              |                             | Male                      |   |              |             |            |              |
|                              |                             | Upto<br>1.5 Years         | Over 1.5 Years                              |              |             |            | Total Male   |
| Used for<br>Breeding<br>Only | Used for<br>Draught<br>Only |                           | Used for<br>both<br>Draught and<br>Breeding | Others       |             |            |              |
|                              | (1)                         | (2)                       | (3)   | (4)          | (5)         | (6)        | (7)          |
| 1                            | East District               | 5606                      | 615   | 6064         | 625         | 28         | 12938        |
| 2                            | North District              | 1360                      | 179   | 267          | 220         | 39         | 2065         |
| 3                            | South District              | 5074                      | 274   | 4801         | 1054        | 69         | 11272        |
| 4                            | West District               | 5209                      | 539   | 4453         | 1564        | 213        | 11978        |
| <b>Total</b>                 |                             | <b>17249</b>              | <b>1607</b>                                 | <b>15585</b> | <b>3463</b> | <b>349</b> | <b>38253</b> |



**Table 4 : Details of Cattle by Age, Sex and Use in Rural and Urban Combined**

**State: SIKKIM**

| SNo.         | District       | Exotic / Crossbred Cattle |                |                |              |                 |             |              |                          |
|--------------|----------------|---------------------------|----------------|----------------|--------------|-----------------|-------------|--------------|--------------------------|
|              |                | Female                    |                |                |              |                 |             |              | Total Exotic / Crossbred |
|              |                | Under 1 Year              | 1 to 2.5 Years | Over 2.5 Years |              |                 |             | Total Female |                          |
|              |                |                           |                | In Milk        | Dry          | Not Calved Once | Others      |              |                          |
| (1)          | (8)            | (9)                       | (10)           | (11)           | (12)         | (13)            | (14)        | (15)         |                          |
| 1            | East District  | 6966                      | 4526           | 13679          | 4733         | 1811            | 516         | 32231        | 45169                    |
| 2            | North District | 1356                      | 984            | 1869           | 1092         | 148             | 91          | 5540         | 7605                     |
| 3            | South District | 5353                      | 2842           | 8363           | 4817         | 1471            | 124         | 22970        | 34242                    |
| 4            | West District  | 5981                      | 3373           | 10766          | 5213         | 960             | 1232        | 27525        | 39503                    |
| <b>Total</b> |                | <b>19656</b>              | <b>11725</b>   | <b>34677</b>   | <b>15855</b> | <b>4390</b>     | <b>1963</b> | <b>88266</b> | <b>126519</b>            |

**Table 5 : Details of Cattle by Age and Sex and Use in Rural and Urban Combined**

**State: SIKKIM**

| SNo.         | District       | Indigenous Cattle |                              |                                |  |            |             |
|--------------|----------------|-------------------|------------------------------|--------------------------------|--|------------|-------------|
|              |                | Male              |                              |                                |  |            |             |
|              |                | Upto<br>2 Years   | Over 2 Years                 |                                |  |            | Total Male  |
|              |                |                   | Used for<br>Breeding<br>Only | Used<br>for<br>Draught<br>Only | Used for<br>both<br>Draught<br>and<br>Breeding | Others     |             |
| (1)          | (16)           | (17)              | (18)                         | (19)                           | (20)   | (21)       |             |
| 1            | East District  | 186               | 30                           | 453                            | 190  | 0          | 859         |
| 2            | North District | 912               | 134                          | 753                            | 278  | 147        | 2224        |
| 3            | South District | 328               | 42                           | 538                            | 51   | 2          | 961         |
| 4            | West District  | 303               | 34                           | 640                            | 18   | 6          | 1001        |
| <b>Total</b> |                | <b>1729</b>       | <b>240</b>                   | <b>2384</b>                    | <b>537</b>                                     | <b>155</b> | <b>5045</b> |

**Table 6 : Details of Cattle by Age and Sex and Use in Rural and Urban Combined**

**State: SIKKIM**

| SNo.         | District       | Indigenous Cattle |              |              |             |                 |            |              |                         |               |
|--------------|----------------|-------------------|--------------|--------------|-------------|-----------------|------------|--------------|-------------------------|---------------|
|              |                | Female            |              |              |             |                 |            |              | Total Indigenous Cattle | Total Cattle  |
|              |                | Under 1 Year      | 1 to 3 Years | Over 3 Years |             |                 |            | Total Female |                         |               |
|              |                |                   |              | In Milk      | Dry         | Not Calved Once | Others     |              |                         |               |
| (1)          | (22)           | (23)              | (24)         | (25)         | (26)        | (27)            | (28)       | (29)         | (30)                    |               |
| 1            | East District  | 165               | 132          | 241          | 149         | 72              | 39         | 798          | 1657                    | 46826         |
| 2            | North District | 845               | 929          | 1293         | 869         | 197             | 49         | 4182         | 6406                    | 14011         |
| 3            | South District | 437               | 238          | 621          | 337         | 198             | 145        | 1976         | 2937                    | 37179         |
| 4            | West District  | 822               | 298          | 508          | 285         | 33              | 1          | 1947         | 2948                    | 42451         |
| <b>Total</b> |                | <b>2269</b>       | <b>1597</b>  | <b>2663</b>  | <b>1640</b> | <b>500</b>      | <b>234</b> | <b>8903</b>  | <b>13948</b>            | <b>140467</b> |

**Table 7 : Details of Buffaloes by Age,Sex and Use in Rural and Urban Combined For Male**

**State: SIKKIM**

| SNo.         | District       | Male            |                              |                             |  |          | Total Male |
|--------------|----------------|-----------------|------------------------------|-----------------------------|--|----------|------------|
|              |                | Upto<br>2 Years | Over 2 Years                 |                             |  | Others   |            |
|              |                |                 | Used for<br>Breeding<br>Only | Used for<br>Draught<br>Only | Used for<br>both<br>Draught<br>and<br>Breeding |          |            |
| (1)          | (2)            | (3)             | (4)                          | (5)                         | (6)  | (7)      |            |
| 1            | East District  | 6               | 1                            | 0                           | 0  | 0        | 7          |
| 2            | North District | 4               | 0                            | 0                           | 0  | 0        | 4          |
| 3            | South District | 10              | 1                            | 0                           | 1  | 0        | 12         |
| 4            | West District  | 101             | 12                           | 1                           | 7  | 0        | 121        |
| <b>Total</b> |                | <b>121</b>      | <b>14</b>                    | <b>1</b>                    | <b>8</b>                                       | <b>0</b> | <b>144</b> |

**Table 8 : Details of Buffaloes by Age, Sex and Use in Rural and Urban Combined For Female**

**State: SIKKIM**

| SNo.         | District       | Female       |              |              |            |                 |          | Total Female | Total Buffaloes |
|--------------|----------------|--------------|--------------|--------------|------------|-----------------|----------|--------------|-----------------|
|              |                | Under 1 Year | 1 to 3 Years | Over 3 Years |            |                 |          |              |                 |
|              |                |              |              | In Milk      | Dry        | Not Calved Once | Others   |              |                 |
| (1)          | (8)            | (9)          | (10)         | (11)         | (12)       | (13)            | (14)     | (15)         |                 |
| 1            | East District  | 6            | 4            | 9            | 3          | 2               | 0        | 24           | 31              |
| 2            | North District | 3            | 0            | 4            | 8          | 0               | 0        | 15           | 19              |
| 3            | South District | 3            | 3            | 8            | 8          | 0               | 0        | 22           | 34              |
| 4            | West District  | 116          | 119          | 150          | 100        | 12              | 1        | 498          | 619             |
| <b>Total</b> |                | <b>128</b>   | <b>126</b>   | <b>171</b>   | <b>119</b> | <b>14</b>       | <b>1</b> | <b>559</b>   | <b>703</b>      |

**Table 9: Details of Mithun by Age and Sex in Urban and rural combined****State: SIKKIM**

| SNo.         | District       | Under 3 Years |          |          | 3 Years and Above |          |          | Total Mithuns |
|--------------|----------------|---------------|----------|----------|-------------------|----------|----------|---------------|
|              |                | Male          | Female   | Total    | Male              | Female   | Total    |               |
|              | (1)            | (2)           | (3)      | (4)      | (5)               | (6)      | (7)      | (8)           |
| 1            | East District  | 0             | 0        | 0        | 0                 | 0        | 0        | 0             |
| 2            | North District | 0             | 0        | 0        | 0                 | 0        | 0        | 0             |
| 3            | South District | 0             | 0        | 0        | 0                 | 0        | 0        | 0             |
| 4            | West District  | 0             | 0        | 0        | 0                 | 0        | 0        | 0             |
| <b>Total</b> |                | <b>0</b>      | <b>0</b> | <b>0</b> | <b>0</b>          | <b>0</b> | <b>0</b> | <b>0</b>      |

**Table 10 : Details of Yaks by Age and Sex Rural and Urban Combined****State: SIKKIM**

| <b>SNo.</b>  | <b>District</b> | <b>Under 3 Years</b> |               |              | <b>3 Years and Above</b> |               |              | <b>Total Yaks</b> |
|--------------|-----------------|----------------------|---------------|--------------|--------------------------|---------------|--------------|-------------------|
|              |                 | <b>Male</b>          | <b>Female</b> | <b>Total</b> | <b>Male</b>              | <b>Female</b> | <b>Total</b> |                   |
|              |                 | <b>(1)</b>           | <b>(2)</b>    | <b>(3)</b>   | <b>(4)</b>               | <b>(5)</b>    | <b>(6)</b>   |                   |
| 1            | East District   | 34                   | 36            | 70           | 36                       | 52            | 88           | 158               |
| 2            | North District  | 443                  | 690           | 1133         | 948                      | 1603          | 2551         | 3684              |
| 3            | South District  | 0                    | 0             | 0            | 0                        | 0             | 0            | 0                 |
| 4            | West District   | 4                    | 5             | 9            | 116                      | 69            | 185          | 194               |
| <b>Total</b> |                 | <b>481</b>           | <b>731</b>    | <b>1212</b>  | <b>1100</b>              | <b>1724</b>   | <b>2824</b>  | <b>4036</b>       |

**Table 11 : Details of Sheep by Age and Sex in Rural and Urban Combined For Exotic Crossbred****State: SIKKIM**

| SNo. | District       | Exotic / Crossbred Sheep |                  |            |              |                  |            | Total Exotic / Crossbred Sheep |
|------|----------------|--------------------------|------------------|------------|--------------|------------------|------------|--------------------------------|
|      |                | Male                     |                  |            | Female       |                  |            |                                |
|      |                | Under 1 year             | 1 Year and Above | Total      | Under 1 year | 1 Year and Above | Total      |                                |
|      | (1)            | (2)                      | (3)              | (4)        | (5)          | (6)              | (7)        | (8)                            |
| 1    | East District  | 27                       | 54               | 81         | 17           | 53               | 70         | 151                            |
| 2    | North District | 1                        | 1                | 2          | 0            | 2                | 2          | 4                              |
| 3    | South District | 20                       | 70               | 90         | 24           | 54               | 78         | 168                            |
| 4    | West District  | 168                      | 216              | 384        | 121          | 259              | 380        | 764                            |
|      | <b>Total</b>   | <b>216</b>               | <b>341</b>       | <b>557</b> | <b>162</b>   | <b>368</b>       | <b>530</b> | <b>1087</b>                    |



**Table 12 : Details of Sheep by Age and Sex in Rural and Urban Combined For Indigenous**

**State: SIKKIM**

| SNo.         | District       | Indigenous Sheep |                  |                        |              |                  |            | Total Indigenous Sheep | Total Sheep |
|--------------|----------------|------------------|------------------|------------------------|--------------|------------------|------------|------------------------|-------------|
|              |                | Male             |                  |                        | Female       |                  |            |                        |             |
|              |                | Under 1 year     | 1 Year and Above | Total Indigenous Sheep | Under 1 year | 1 Year and Above | Total      |                        |             |
| (1)          | (9)            | (10)             | (11)             | (12)                   | (13)         | (14)             | (15)       | (16)                   |             |
| 1            | East District  | 5                | 16               | 21                     | 5            | 13               | 18         | 39                     | 190         |
| 2            | North District | 23               | 71               | 94                     | 26           | 110              | 136        | 230                    | 234         |
| 3            | South District | 221              | 172              | 393                    | 193          | 249              | 442        | 835                    | 1003        |
| 4            | West District  | 40               | 69               | 109                    | 90           | 244              | 334        | 443                    | 1207        |
| <b>Total</b> |                | <b>289</b>       | <b>328</b>       | <b>617</b>             | <b>314</b>   | <b>616</b>       | <b>930</b> | <b>1547</b>            | <b>2634</b> |

**Table 13 : Details of Goats by Age, Sex and Use in Rural and Urban Combined**

**State: SIKKIM**

| SNo.         | District       | Male         |                  |              | Female       |                  |              |                 |              | Total Goats   |
|--------------|----------------|--------------|------------------|--------------|--------------|------------------|--------------|-----------------|--------------|---------------|
|              |                | Under 1 Year | 1 Year and Above | Total        | Under 1 Year | 1 Year and Above |              |                 | Total        |               |
|              |                |              |                  |              |              | In Milk          | Dry          | Not Calved Once |              |               |
| (1)          | (2)            | (3)          | (4)              | (5)          | (6)          | (7)              | (8)          | (9)             | (10)         |               |
| 1            | East District  | 7592         | 9987             | 17579        | 4563         | 5444             | 4479         | 1486            | 15972        | 33551         |
| 2            | North District | 1739         | 2176             | 3915         | 1882         | 1617             | 1679         | 265             | 5443         | 9358          |
| 3            | South District | 5468         | 8594             | 14062        | 4726         | 4630             | 4825         | 1410            | 15591        | 29653         |
| 4            | West District  | 7409         | 10138            | 17547        | 9415         | 3854             | 8886         | 1100            | 23255        | 40802         |
| <b>Total</b> |                | <b>22208</b> | <b>30895</b>     | <b>53103</b> | <b>20586</b> | <b>15545</b>     | <b>19869</b> | <b>4261</b>     | <b>60261</b> | <b>113364</b> |

**Table 14 : Details of Pigs by age and sex in Rural and Urban Combined For Exotic Crossbred**

**State: SIKKIM**

| SNo.         | District       | Exotic / Crossbred Pigs |                  |              |                |                  |             | Total Exotic / Crossbred Pigs |
|--------------|----------------|-------------------------|------------------|--------------|----------------|------------------|-------------|-------------------------------|
|              |                | Male                    |                  |              | Female         |                  |             |                               |
|              |                | Under 6 Months          | 6 Months & Above | Total        | Under 6 Months | 6 Months & Above | Total       |                               |
| (1)          | (2)            | (3)                     | (4)              | (5)          | (6)            | (7)              | (8)         |                               |
| 1            | East District  | 2456                    | 2658             | 5114         | 1016           | 1122             | 2138        | 7252                          |
| 2            | North District | 1230                    | 1225             | 2455         | 548            | 526              | 1074        | 3529                          |
| 3            | South District | 2124                    | 2840             | 4964         | 1129           | 1230             | 2359        | 7323                          |
| 4            | West District  | 2460                    | 4249             | 6709         | 1035           | 1608             | 2643        | 9352                          |
| <b>Total</b> |                | <b>8270</b>             | <b>10972</b>     | <b>19242</b> | <b>3728</b>    | <b>4486</b>      | <b>8214</b> | <b>27456</b>                  |

**Table 15 : Details of Pigs by age and sex in Rural and Urban Combined For Indigenous**

**State: SIKKIM**

| SNo.         | District       | Indigenous Pigs |                  |             |                |                  |            | Total Indigenous Pigs | Total Pigs   |
|--------------|----------------|-----------------|------------------|-------------|----------------|------------------|------------|-----------------------|--------------|
|              |                | Male            |                  |             | Female         |                  |            |                       |              |
|              |                | Under 6 Months  | 6 Months & Above | Total       | Under 6 Months | 6 Months & Above | Total      |                       |              |
| (1)          | (9)            | (10)            | (11)             | (12)        | (13)           | (14)             | (15)       | (16)                  |              |
| 1            | East District  | 259             | 247              | 506         | 115            | 78               | 193        | 699                   | 7951         |
| 2            | North District | 73              | 93               | 166         | 37             | 45               | 82         | 248                   | 3777         |
| 3            | South District | 268             | 391              | 659         | 175            | 201              | 376        | 1035                  | 8358         |
| 4            | West District  | 65              | 207              | 272         | 81             | 116              | 197        | 469                   | 9821         |
| <b>Total</b> |                | <b>665</b>      | <b>938</b>       | <b>1603</b> | <b>408</b>     | <b>440</b>       | <b>848</b> | <b>2451</b>           | <b>29907</b> |

**Table 16 : Details of Horses & Ponies by Age, Sex and Use in Rural and Urban Combined**

**State: SIKKIM**

| SNo.         | District       | Male         |                            |                |            | Female       |                  |            | Total Horses & Ponies |
|--------------|----------------|--------------|----------------------------|----------------|------------|--------------|------------------|------------|-----------------------|
|              |                | Under 3 Year | 3 Year and Above           |                | Total      | Under 3 Year | 3 Year and Above | Total      |                       |
|              |                |              | Used for Cart and Carriage | Used for Sport |            |              |                  |            |                       |
| (1)          | (2)            | (3)          | (4)                        | (5)            | (6)        | (7)          | (8)              | (9)        |                       |
| 1            | East District  | 8            | 51                         | 0              | 59         | 0            | 42               | 42         | 101                   |
| 2            | North District | 32           | 130                        | 0              | 162        | 44           | 118              | 162        | 324                   |
| 3            | South District | 6            | 2                          | 0              | 8          | 0            | 0                | 0          | 8                     |
| 4            | West District  | 19           | 23                         | 13             | 55         | 2            | 21               | 23         | 78                    |
| <b>Total</b> |                | <b>65</b>    | <b>206</b>                 | <b>13</b>      | <b>284</b> | <b>46</b>    | <b>181</b>       | <b>227</b> | <b>511</b>            |

**Table 17 : Details of Mules and Donkeys by age and sex in Rural and Urban Combined Areas**

**State: SIKKIM**

| SNo.         | District       | Mules        |                  |             | Donkeys      |                  |          |              |                  |          |               |
|--------------|----------------|--------------|------------------|-------------|--------------|------------------|----------|--------------|------------------|----------|---------------|
|              |                | Under 3 year | 3 Year and Above | Total Mules | Male         |                  |          | Female       |                  |          | Total Donkeys |
|              |                |              |                  |             | Under 3 year | 3 Year and Above | Total    | Under 3 year | 3 Year and Above | Total    |               |
| (1)          | (2)            | (3)          | (4)              | (5)         | (6)          | (7)              | (8)      | (9)          | (10)             | (11)     |               |
| 1            | East District  | 0            | 0                | 0           | 0            | 0                | 0        | 0            | 0                | 0        | 0             |
| 2            | North District | 0            | 4                | 4           | 0            | 0                | 0        | 0            | 0                | 0        | 0             |
| 3            | South District | 0            | 0                | 0           | 0            | 0                | 0        | 0            | 0                | 0        | 0             |
| 4            | West District  | 0            | 0                | 0           | 0            | 0                | 0        | 0            | 0                | 0        | 0             |
| <b>Total</b> |                | <b>0</b>     | <b>4</b>         | <b>4</b>    | <b>0</b>     | <b>0</b>         | <b>0</b> | <b>0</b>     | <b>0</b>         | <b>0</b> | <b>0</b>      |

**Table 18 : Details of Camels by Age and Sex in Rural and Urban Combined****State: SIKKIM**

| SNo.         | District       | Male          |                   |          | Female        |                   |          | Total Camel |
|--------------|----------------|---------------|-------------------|----------|---------------|-------------------|----------|-------------|
|              |                | Under 4 Years | 4 Years and Above | Total    | Under 4 Years | 4 Years and Above | Total    |             |
|              | (1)            | (2)           | (3)               | (4)      | (5)           | (6)               | (7)      | (8)         |
| 1            | East District  | 0             | 0                 | 0        | 0             | 0                 | 0        | 0           |
| 2            | North District | 0             | 0                 | 0        | 0             | 0                 | 0        | 0           |
| 3            | South District | 0             | 0                 | 0        | 0             | 0                 | 0        | 0           |
| 4            | West District  | 0             | 0                 | 0        | 0             | 0                 | 0        | 0           |
| <b>Total</b> |                | <b>0</b>      | <b>0</b>          | <b>0</b> | <b>0</b>      | <b>0</b>          | <b>0</b> | <b>0</b>    |

**Table 19 : Details of Dogs, Rabbits and Elephants in Rural and Urban Combined****State: SIKKIM**

| SNo.         | District       | Dogs         |             |              | Rabbits    |            |            | Elephants |          |          |
|--------------|----------------|--------------|-------------|--------------|------------|------------|------------|-----------|----------|----------|
|              |                | Male         | Female      | Total        | Male       | Female     | Total      | Male      | Female   | Total    |
|              | (1)            | (2)          | (3)         | (4)          | (5)        | (6)        | (7)        | (8)       | (9)      | (10)     |
| 1            | East District  | 7732         | 3611        | 11343        | 57         | 66         | 123        | 0         | 0        | 0        |
| 2            | North District | 1393         | 631         | 2024         | 214        | 137        | 351        | 0         | 0        | 0        |
| 3            | South District | 3866         | 1642        | 5508         | 22         | 26         | 48         | 0         | 0        | 0        |
| 4            | West District  | 3213         | 1226        | 4439         | 4          | 3          | 7          | 0         | 0        | 0        |
| <b>Total</b> |                | <b>16204</b> | <b>7110</b> | <b>23314</b> | <b>297</b> | <b>232</b> | <b>529</b> | <b>0</b>  | <b>0</b> | <b>0</b> |



**Table 20 : Details of Backyard Poultry in Rural and Urban Combined For Fowls****State: SIKKIM**

| <b>SNo.</b>  | <b>District</b> | <b>Fowls</b> |                 |              |               |                 |               |
|--------------|-----------------|--------------|-----------------|--------------|---------------|-----------------|---------------|
|              |                 | <b>Cocks</b> |                 |              | <b>Hens</b>   |                 |               |
|              |                 | <b>Desi</b>  | <b>Improved</b> | <b>Total</b> | <b>Desi</b>   | <b>Improved</b> | <b>Total</b>  |
| <b>(1)</b>   | <b>(2)</b>      | <b>(3)</b>   | <b>(4)</b>      | <b>(5)</b>   | <b>(6)</b>    | <b>(7)</b>      |               |
| 1            | East District   | 19979        | 4195            | 24174        | 36590         | 6209            | 42799         |
| 2            | North District  | 5685         | 199             | 5884         | 10109         | 763             | 10872         |
| 3            | South District  | 16352        | 11131           | 27483        | 24874         | 10651           | 35525         |
| 4            | West District   | 19527        | 6379            | 25906        | 33396         | 4838            | 38234         |
| <b>Total</b> |                 | <b>61543</b> | <b>21904</b>    | <b>83447</b> | <b>104969</b> | <b>22461</b>    | <b>127430</b> |

**Table 21 : Details of Backyard Poultry in Rural and Urban Combined For Fowls under Chickens below 5 Months**

**State: SIKKIM**

| SNo. | District       | Fowls                   |              |               |               |
|------|----------------|-------------------------|--------------|---------------|---------------|
|      |                | Chickens Below 5 Months |              |               | Total Fowls   |
|      |                | Desi                    | Improved     | Total         |               |
|      | (1)            | (8)                     | (9)          | (10)          | (11)          |
| 1    | East District  | 29311                   | 21376        | 50687         | 117660        |
| 2    | North District | 12657                   | 1529         | 14186         | 30942         |
| 3    | South District | 44297                   | 68062        | 112359        | 175367        |
| 4    | West District  | 37900                   | 5443         | 43343         | 107483        |
|      | <b>Total</b>   | <b>124165</b>           | <b>96410</b> | <b>220575</b> | <b>431452</b> |

**Table 22 : Details of Backyard Poultry in Rural and Urban Combined For Ducks**

**State: SIKKIM**

| SNo.         | District       | Ducks      |           |            |            |           |            |
|--------------|----------------|------------|-----------|------------|------------|-----------|------------|
|              |                | Drakes     |           |            | Ducks      |           |            |
|              |                | Desi       | Improved  | Total      | Desi       | Improved  | Total      |
| (1)          | (12)           | (13)       | (14)      | (15)       | (16)       | (17)      |            |
| 1            | East District  | 64         | 8         | 72         | 78         | 6         | 84         |
| 2            | North District | 26         | 0         | 26         | 52         | 5         | 57         |
| 3            | South District | 49         | 1         | 50         | 49         | 2         | 51         |
| 4            | West District  | 3          | 1         | 4          | 403        | 1         | 404        |
| <b>Total</b> |                | <b>142</b> | <b>10</b> | <b>152</b> | <b>582</b> | <b>14</b> | <b>596</b> |

**Table 23 : Details of Backyard Poultry in Rural and Urban Combined For Ducks under Duckling below 6 Months**

**State: SIKKIM**

| SNo.         | District       | Ducks                   |          |           |             |
|--------------|----------------|-------------------------|----------|-----------|-------------|
|              |                | Duckling Below 6 Months |          |           | Total Ducks |
|              |                | Desi                    | Improved | Total     |             |
| (1)          | (18)           | (19)                    | (20)     | (21)      |             |
| 1            | East District  | 8                       | 4        | 12        | 168         |
| 2            | North District | 20                      | 0        | 20        | 103         |
| 3            | South District | 24                      | 0        | 24        | 125         |
| 4            | West District  | 0                       | 0        | 0         | 408         |
| <b>Total</b> |                | <b>52</b>               | <b>4</b> | <b>56</b> | <b>804</b>  |

**Table 24 : Details of Backyard Poultry in Rural and Urban Combined For Turkeys**

**State: SIKKIM**

| SNo.         | District       | Turkeys  |          |          | Quails   | Other Poultry Birds | Total Poultry Birds |
|--------------|----------------|----------|----------|----------|----------|---------------------|---------------------|
|              |                | Male     | Female   | Total    |          |                     |                     |
|              | (1)            | (22)     | (23)     | (24)     | (25)     | (26)                | (27)                |
| 1            | East District  | 0        | 1        | 1        | 0        | 0                   | 117829              |
| 2            | North District | 0        | 0        | 0        | 0        | 0                   | 31045               |
| 3            | South District | 0        | 3        | 3        | 0        | 4                   | 175499              |
| 4            | West District  | 0        | 0        | 0        | 0        | 0                   | 107891              |
| <b>Total</b> |                | <b>0</b> | <b>4</b> | <b>4</b> | <b>0</b> | <b>4</b>            | <b>432264</b>       |

**Table 25 : Details of Poultry Farms / Hatcheries and Poultry Birds in Farms / Hatcheries in Rural and Urban Combined**

**State: SIKKIM**

| SNo.         | District       | Number of Birds in Farms / Hatcheries |              |           |            |
|--------------|----------------|---------------------------------------|--------------|-----------|------------|
|              |                | Layer                                 | Broiler      | Duck      | Others*    |
|              | <b>-1</b>      | <b>-7</b>                             | <b>-8</b>    | <b>-9</b> | <b>-10</b> |
| 1            | East District  | 2102                                  | 4000         | 0         | 0          |
| 2            | North District | 0                                     | 0            | 0         | 0          |
| 3            | South District | 0                                     | 13600        | 0         | 0          |
| 4            | West District  | 0                                     | 0            | 0         | 0          |
| <b>Total</b> |                | <b>2102</b>                           | <b>17600</b> | <b>0</b>  | <b>0</b>   |

\* Others include Turkey, Emu, Ostrich etc

**Table 26 : Number of Equipments Used in Livestock Sector Rural and Urban Combined**

**State: SIKKIM**

| <b>SNo.</b>  | <b>District</b> | <b>Milking Machine</b> | <b>Mechanized Fodder Cutter</b> | <b>Chopper &amp; Baler</b> | <b>Dung Collection &amp; Disposal Equipment</b> |
|--------------|-----------------|------------------------|---------------------------------|----------------------------|---|
| 1            | East District   | 0                      | 6                               | 0                          | 0   |
| 2            | North District  | 0                      | 0                               | 0                          | 0   |
| 3            | South District  | 0                      | 0                               | 0                          | 0   |
| 4            | West District   | 0                      | 0                               | 0                          | 0   |
| <b>Total</b> |                 | <b>0</b>               | <b>6</b>                        | <b>0</b>                   | <b>0</b>  |

**Table 27 : Number Of Households And Households Enterprises Owning Animals/Poultry Birds in Rural and Urban Combined**

**State: SIKKIM**

| SNo.         | District       | Number of Households and Households Enterprises Having |            |              |            |              |                  |                           |
|--------------|----------------|--|------------|--------------|------------|--------------|------------------|---------------------------|
|              |                | Cattle   | Buffaloes  | Goats        | Sheep      | Pigs         | Backyard Poultry | Poultry Farm & Hatcheries |
|              | (1)            | (2)  | (3)        | (4)          | (5)        | (6)          | (7)              | (8)                       |
| 1            | East District  | 17112  | 16         | 8482         | 45         | 4371         | 11168            | 1                         |
| 2            | North District | 3559   | 1          | 2261         | 9          | 1928         | 3466             | 1                         |
| 3            | South District | 14026  | 15         | 7152         | 120        | 4718         | 10119            | 12                        |
| 4            | West District  | 16325  | 339        | 10391        | 368        | 6945         | 15385            | 3                         |
| <b>Total</b> |                | <b>51022</b>   | <b>371</b> | <b>28286</b> | <b>542</b> | <b>17962</b> | <b>40138</b>     | <b>17</b>                 |



**Table 28 : Number Of Non Households Enterprises and Institutions Owning Animals/Poultry Birds in Rural and Urban Combined**

**State: SIKKIM**

| SNo.         | District       | Number of Non Households Enterprises and Institutions Having |           |          |          |          |                           |
|--------------|----------------|--|-----------|----------|----------|----------|---------------------------|
|              |                | Cattle   | Buffaloes | Goats    | Sheep    | Pigs     | Poultry Farm & Hatcheries |
|              | (1)            | (2)  | (3)       | (4)      | (5)      | (6)      | (7)                       |
| 1            | East District  | 14   | 0         | 1        | 0        | 3        | 1                         |
| 2            | North District | 5  | 0         | 2        | 0        | 3        | 0                         |
| 3            | South District | 12   | 0         | 1        | 0        | 2        | 2                         |
| 4            | West District  | 0  | 0         | 0        | 0        | 0        | 0                         |
| <b>Total</b> |                | <b>31</b>  | <b>0</b>  | <b>4</b> | <b>0</b> | <b>8</b> | <b>3</b>                  |

**Table 29: Number Of Stray Cattle and Dogs in Rural and Urban Combined****State: SIKKIM**

| <b>SNo.</b> | <b>District</b> | <b>Stray Cattle</b> | <b>Strat Dogs</b> |
|-------------|-----------------|---------------------|-------------------|
|             | <b>(1)</b>      | <b>(2)</b>          | <b>(3)</b>        |
| 1           | East District   | 0                   | 4473              |
| 2           | North District  | 0                   | 1398              |
| 3           | South District  | 0                   | 1855              |
| 4           | West District   | 0                   | 977               |
|             | <b>Total</b>    | <b>0</b>            | <b>8703</b>       |

**Table 30: Number Of Cattle, Buffaloes, Sheep, Goats and Pigs Per Thousand Households in Rural and Urban Combined**

**State: SIKKIM**

| SNo.         | District       | Number of Households | Number of animals Per 1000 Households |           |           |            |            |
|--------------|----------------|----------------------|---------------------------------------|-----------|-----------|------------|------------|
|              |                |                      | Cattle                                | Buffaloes | Sheep     | Goats      | Pigs       |
|              | (1)            | (2)                  | (3)                                   | (4)       | (5)       | (6)        | (7)        |
| 1            | East District  | 52771                | 887                                   | 1         | 4         | 636        | 151        |
| 2            | North District | 7071                 | 1981                                  | 3         | 33        | 1323       | 534        |
| 3            | South District | 28538                | 1303                                  | 1         | 35        | 1039       | 293        |
| 4            | West District  | 26664                | 1592                                  | 23        | 45        | 1530       | 368        |
| <b>Total</b> |                | <b>115044</b>        | <b>1221</b>                           | <b>6</b>  | <b>23</b> | <b>985</b> | <b>260</b> |