

INDIA - Agricultural Census 1995/96 & Livestock Census 1997

Number and area of holdings

| | Number of holdings | Area (ha) |
|-------|--------------------|-------------|
| Total | 115 580 000 | 163 357 000 |

Number and area of holdings by size

| | Number of holdings | Area (ha) |
|---------------------|--------------------|-------------|
| Total | 115 580 000 | 163 357 000 |
| Under 0.5 ha | 48 127 000 | 11 414 000 |
| 0.5 and under 1 ha | 23 052 000 | 16 707 000 |
| 1 and under 2 ha | 21 643 000 | 30 722 000 |
| 2 and under 3 ha | 9 628 000 | 23 090 000 |
| 3 and under 4 ha | 4 633 000 | 15 863 000 |
| 4 and under 5 ha | 2 809 000 | 12 438 000 |
| 5 and under 7.5 ha | 3 028 000 | 18 265 000 |
| 7.5 and under 10 ha | 1 255 000 | 10 695 000 |
| 10 and under 20 ha | 1 142 000 | 15 089 000 |
| 20 ha and over | 262 000 | 9 074 000 |

Holdings by sex

| | Number of holders | Area (ha) |
|-----------|-------------------|-------------|
| Total (1) | 115 366 000 | 161 935 000 |
| Male | 104 354 000 | 150 220 000 |
| Female | 11 012 000 | 11 715 000 |

(1) Excluding 214 000 Institutional holdings

Legal status

| | Number of holdings | Area (ha) |
|--------------------------------|--------------------|-------------|
| Total | 115 580 000 | 163 357 000 |
| An individual or a household | 100 581 000 | 135 880 000 |
| Two or more individuals /hous. | 14 785 000 | 26 055 000 |
| Institutions | 214 000 | 1 422 000 |

Livestock

| | Head/units |
|--------------------|-------------|
| Cattle, total | 198 882 000 |
| Male | 95 546 000 |
| Under 1 year | 12 381 000 |
| 1 year and over | 83 165 000 |
| Of which: | |
| Used for work only | 52 180 000 |
| Female | 103 336 000 |
| Under 1 year | 17 720 000 |
| 1 year and over | 85 616 000 |
| Of which: | |
| In milk | 33 291 000 |
| Buffaloes, total | 89 919 000 |
| Male | 18 625 000 |
| Under 1 year | 6 534 000 |
| 1 year and over | 12 091 000 |
| Of which: | |
| Used for work only | 4 819 000 |
| Female | 71 294 000 |
| Under 1 year | 12 884 000 |
| 1 year and over | 58 410 000 |
| Of which: | |
| In milk | 28 410 000 |
| Yaks | 59 000 |
| Sheep, total | 57 494 000 |
| Male | 14 510 000 |
| Female | 42 984 000 |
| Goats, total | 122 721 000 |
| Male | 35 965 000 |
| Female | 86 756 000 |
| Camels | 911 000 |
| Horses and ponies | 827 000 |
| Mules | 221 000 |
| Asses | 882 000 |
| Pigs | 13 291 000 |
| Poultry | 347 611 000 |

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Explanatory Notes

Historical outline:

India contributed to the World Census of Agriculture Programme (WCA) 1930 by publishing statistics largely drawn from its revenue records. In 1950 and 1960 sample surveys of land and livestock holdings were carried out by the Directorate of National Sample Survey (NSS). Besides this continuing series of decennial sample surveys, a programme of comprehensive Census of Agriculture in the country was started in 1970-71. In this series six agricultural censuses have been undertaken at five-year intervals, with reference years 1976-77, 1980-81, 1985-86, 1990-91, and the one here reported, 1995-96.

Data on livestock here presented refer to the 16th Livestock Census conducted in 1997.

Organization:

The agricultural census was organized by the Agricultural Census Division, Department of Agriculture and Cooperation (DAC), Ministry of Agriculture of India under the leadership of a designated Agricultural Census Commissioner. In Each State and Union Territory (UT) of the country also there was a State Agricultural Census Commissioner and a technical unit consisting of full-time officers for the implementation of census operations in the field.

The 16th Livestock Census was carried out by the Department of Animal Husbandry & Dairying (AH & D), Ministry of Agriculture.

Reference date/ period:

- For Agricultural Census, the reference period for all items was July 1995 to June 1996.
- For Livestock Census, reference date was 15 October 1997.

Definitions:

Operational Holding (the selected statistical unit) is defined as all land wholly or partly used for agricultural production and operated as one technical unit by one person, alone or with others, without regard to title, legal form, size or location.

Operational Holder is the person who takes all managerial decisions regarding cultivation of land. He may be the legal owner or a leaser or a tenant farmer.

Coverage:

The agricultural census covered the entire country, except a few districts for which the figures were estimated on the basis of previous census.

Frame:

- In the States where the Revenue Agency maintains the records of ownership of holdings and regular crop inspections are carried out, such records were used to prepare the frame of holdings by listing all the parcels operated by a person in a defined administrative area.
- In States and UTs where detailed system of land records was not in vogue, an updated frame was prepared through household enquiry using records of population census and/or election offices.

Methods:

The agricultural census was carried out in three phases using census-cum-sample approach.

1. During **Phase-1**, a list of all holdings with data on primary characteristics like area, gender, social group of the holder and location code was prepared for basic tabulations and sampling.
2. During **Phase-2**, detailed data on irrigation, tenancy and crops were collected in sampled areas.
3. **Phase-3**, known as Input Survey, related to use of inputs across various crops, regions and size groups of holdings and was carried using a two-stage stratified sampling design.

In the States/UTs having comprehensive Land Records, accounting for nearly 87 percent of geographical area, phase two was carried out through a retabulation of information available in the Land Records which are updated every cropping season. *In other States/UTs*, a stratified two-stage sampling design was applied, with the village at first stage and the operational holding at second stage. Sampling proportions varied across states, depending upon the structural characteristics of agriculture.

The livestock census was carried out as complete count of livestock population and agricultural machinery. It also covered some aspects of fishery statistics.

Data source:

1995-96 Agricultural Census:

Government of India, Ministry of Agriculture, Department of Agriculture & Co-operation, Agricultural Census Division - Agricultural Census 1995-96: Bulletin on Number and Area of Operational Holdings. New Delhi. May, 2003

1997 Livestock Census:

Government of India, Ministry of Agriculture, Department of Animal Husbandry & Dairying, 16th Livestock Census 1997.

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