



Country Update Report INDIA

A Presentation

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1. Current and Planned Collection of Agricultural Statistics

Major data sources for agricultural statistics

- Agricultural Census
- Livestock Census
- Marine Fisheries Census
- Input Survey
- Land Use Survey
- Land Use Survey of National Remote Sensing Agency
- General Crop Estimation Survey
- Integrated Sample Survey of Major Livestock Products

Agricultural Census

- Objective: to generate basic agriculture statistics on operational holdings by gender, social group and size classes
- **Input Survey** is a part of the agricultural census
- Conducted once in 5 years
- First agricultural census: reference year 1970-71
- Seven agricultural censuses completed so far
- Eighth agricultural census with reference year 2005-06: the field work is going on

Livestock Census

- Objective: to collect detailed information on livestock population category-wise along with age and sex
- Conducted once in 5 years
- First livestock census: conducted in 1919-20
- Seventeen livestock censuses completed so far
- Eighteenth livestock census (2007): field work completed, data processing on

An aerial photograph of a forest landscape. A dirt path winds through the trees, and a stream flows through the lower part of the image. The trees show various shades of green, yellow, and brown, suggesting a mix of species or seasonal changes. The overall scene is a natural, wooded area.

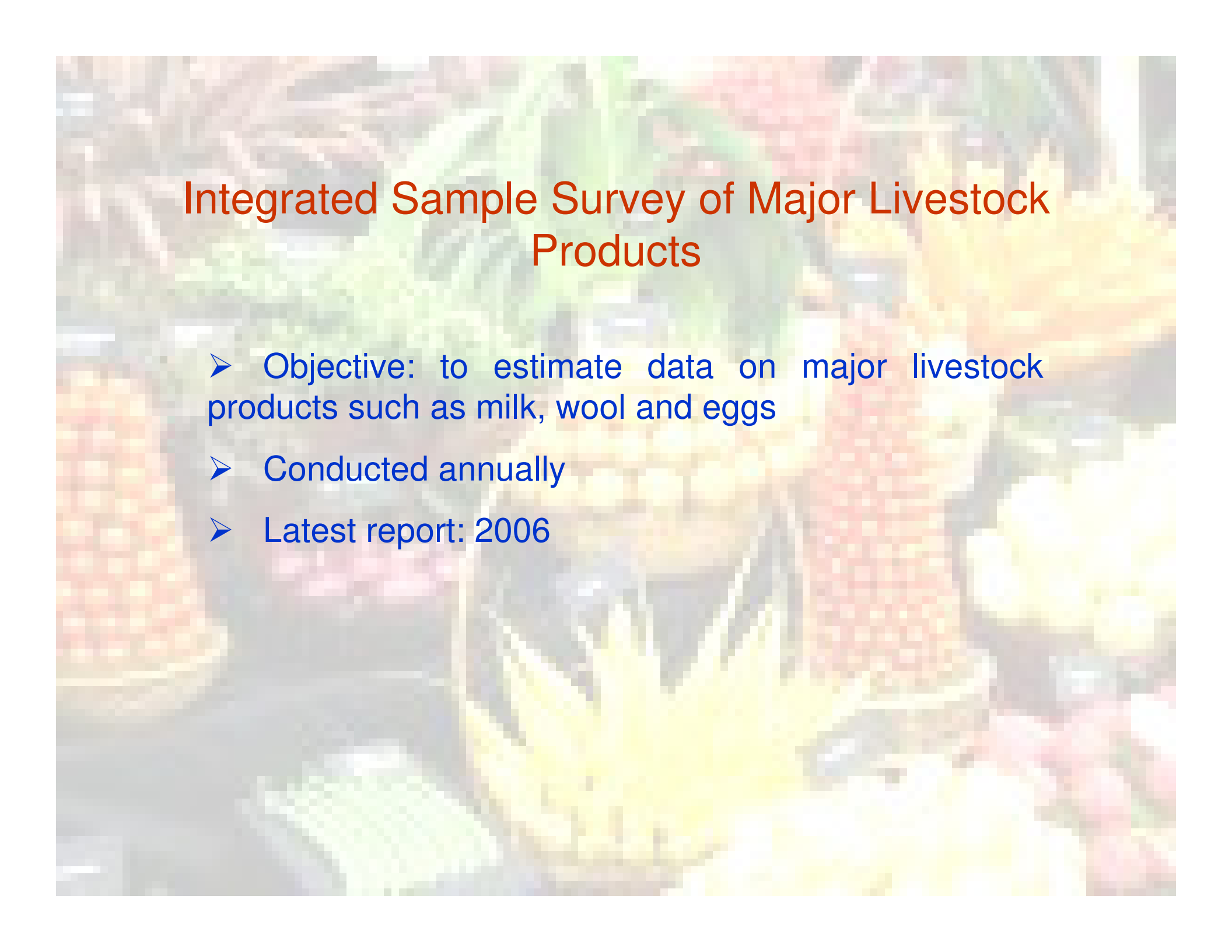
Land Use Survey

- Based on nine-fold classification
- Conducted annually
- Latest report: 2005-06



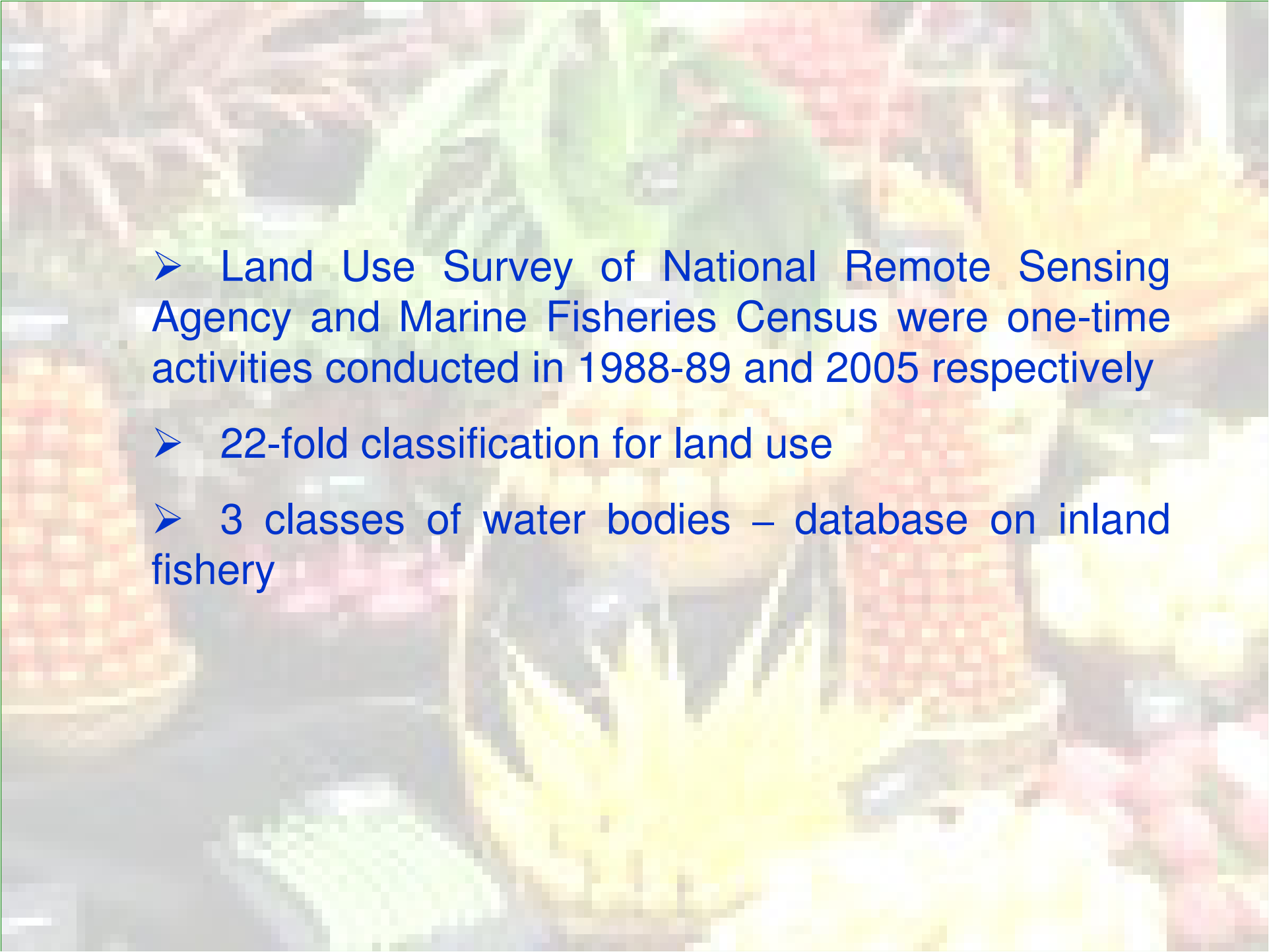
General Crop Estimation Survey

- Objective: to obtain reliable estimates of average yield of principal food and non-food crops
- Conducted annually
- Latest report: 2007-08



Integrated Sample Survey of Major Livestock Products

- Objective: to estimate data on major livestock products such as milk, wool and eggs
- Conducted annually
- Latest report: 2006

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- An aerial photograph of a river delta, likely the Godavari delta in India, showing a complex network of water channels and land. A semi-transparent grid is overlaid on the image, representing a spatial classification scheme. The colors of the grid cells correspond to different land use and water body classes.
- Land Use Survey of National Remote Sensing Agency and Marine Fisheries Census were one-time activities conducted in 1988-89 and 2005 respectively
 - 22-fold classification for land use
 - 3 classes of water bodies – database on inland fishery

2. Legal Framework

- No specific legal Act for periodic enumeration of crops, compilation of land use statistics or agricultural census
- Acts exist for population census and the collection of industrial statistics
- Collection of Statistics Act 1953: for industries, trade and commerce
- some of the items like prices of (agricultural) commodities, indebtedness etc. pertain to the domain of agricultural statistics

3. Availability of Statistics on Farmers' Income

- A comprehensive survey called Situation Assessment Survey (SAS) of Farmers conducted in 2003
- Results of SAS were brought in five reports
 - ❖ Indebtedness of Farmer Households
 - ❖ Access to Modern Technology for Farming
 - ❖ Some Aspects of Farming
 - ❖ Consumption Expenditure of Farmer Households
 - ❖ Income, Expenditure and Productive Assets of Farmer Households



➤ The SAS report entitled “Income, Expenditure and Productive Assets of Farmer Households” has three major parts

- ❖ Productive assets possessed by farmer households
- ❖ Income of farmer households from different sources
- ❖ Expenditure incurred by farmer households in production and household consumption

➤ A stratified multi-stage design was adopted for the survey

➤ First stage units: population census villages, ultimate stage units: farmer households



The reports may be accessed at the URLs:

- Agricultural census <http://agcensus.nic.in>
- Live Stock <http://dahd.nic.in>
- Land Use Survey <http://dacnet.nic.in/eands>
- SAS Reports
http://mospi.gov.in/mospi_nssoreptpubn.htm

4. Emerging Issues

- Forecasting agricultural output using space, agrometeorology and land-based observations
- Small area estimation for bringing out sub-district level crop production estimates
- Sound statistical techniques for estimating horticulture production



Thank You !!!