



AN OVERVIEW OF NATIONAL SAMPLE SURVEY ORGANISATION (NSSO)

Presentation by

Subhash Chand Seddey

Director General & CEO



History

- The need for sound database of various fields was keenly felt by Late Prime Minister of India Pandit Jawaharlal Nehru.
- It was, at his instance a large scale sample survey agency known as NSS (National Sample Survey) came into existence in 1950.
- The work relating to finalisation of sampling design, schedules of enquiries, writing of instructions, training of field staff, processing of data and writing of reports was all entrusted to the Indian Statistical Institute.



History (continued)

- The Directorate of NSS was assigned the job of conducting the field work.
- In March 1970, the NSS was reorganized and all aspects of its work were brought under a single Government organization, namely NSSO under the overall technical guidance of Governing Council.



Functions of NSSO

- NSSO has been conducting multi-subject integrated sample surveys since 1950.
- Mainly four types
 - Household Surveys
 - Enterprise Surveys
 - Village Facilities
 - Land & Livestock holdings
- There is a well defined cycle of the surveys extending over a period of 10 years.



Schedule of Surveys

★ Ten Year Cycle

- ➔ **Consumer Expenditure and
Employment & Unemployment - Twice**
- ➔ **Social Consumption (health,
education etc.) - Twice**
- ➔ **Un-organised Manufacturing - Twice**
- ➔ **Un-organised services - Twice**
- ➔ **Land & Livestock holdings - Once**
- ➔ **Open Round - Once**

(Special surveys are also undertaken)

- ★ **Annual Consumer Expenditure and
Employment & Unemployment Surveys (thin
sample)**



Other Activities of NSSO

- Field work of Annual Survey of Industries.
- Technical guidance to states in the field of agricultural statistics for conducting crop estimation surveys through the Improvement of Crop Statistics scheme.
- Collection of data on Rural retail prices from shops/outlets in selected markets located in a sample of 603 villages for construction of Consumer Price Index (CPI) numbers of Agricultural Rural Labourers by Labour Bureau.
- Collecting retail prices from 310 towns for compilation of Consumer Price Index (Urban).
- Conducts Urban Frame Survey (UFS) for providing sampling frame of first stage units in the urban sector.



Organisational Structure

- The NSSO is headed by the DG & CEO.

- The organisation has four Divisions:
 - Survey Design and Research Division (SDRD)

 - Field Operations Division (FOD)

 - Data Processing Division (DPD)

 - Coordination & Publication Division (CPD)



Survey Design and Research Division (SDRD)

- SDRD is located at Kolkata.
- SDRD is responsible for:
 - Planning of the Survey
 - Formulation of sampling design
 - Formulation of concepts and definitions
 - Drawing up of survey schedules
 - Writing of instructions to field staff
 - Preparation of validation and tabulation programmes
 - Finalisation of survey results and release of reports
 - Providing technical guidance in sampling techniques to various official agencies



Field Operations Division (FOD)

- FOD has its headquarters at New Delhi and at Faridabad (Agricultural Wing).
- It has 6 Zonal offices located at Bangalore, Kolkata, Guwahati, Jaipur, Lucknow and Nagpur, 49 Regional offices and 116 sub-regional offices located in different parts of the country.
- Functions of FOD are:
Collection of data for:-
 - (i) Annual Survey of Industries
 - (ii) Socio-economic surveys,
 - (iii) Price collection surveys,
 - (iv) Follow up surveys of Economic Census



Field Operations Division (continued)

- ❑ Updation of Urban Frame Survey blocks
- ❑ Sample check on area enumeration and crop cutting experiments and providing technical guidance to the states for improvement of crop statistics.
- ❑ Providing technical guidance to the States in developing suitable survey techniques on Area & Yield Statistics
- ❑ Adhoc Surveys (NPISH, UNICEF etc.)
- ❑ Training Activities:
 - Conducting Survey specific training programmes for different level of field functionaries, ISS / SSS probationers' training at Zonal Centres/ Regional Offices etc.



ANNUAL SURVEY OF INDUSTRIES

Objective

Supply of data on different indicators on organised Manufacturing, which is useful for :

- ❑ Estimation of contribution of manufacturing industries (organised sector) to the national income.
- ❑ Systematic study of the structure of industries.
- ❑ Providing estimates of economic parameters on State level for different industries.



Urban Frame Survey

- Urban Frame Survey (UFS) is conducted on a continuing basis to provide an updated frame of First Stage Units (FSUs) in urban areas and also in newly formed towns.
- Each town/ city is divided into compact areal UFS blocks with clear cut identifiable boundaries and permanent land marks having a population content of 600 to 800 and 120 to 180 households respectively.



Agricultural Statistics

- A scheme called “Improvement of Crop Statistics (ICS) ” is in operation since 1973.
- The salient features of the ICS scheme are:
 1. Sample check of the primary fieldwork relating to area enumeration and area aggregation
 2. Supervision of crop cutting experiments in each agricultural year.
 3. The findings of the ICS scheme are brought out in the form of reports on Review of Crop Statistics System in States.
 4. Based on the data contained in the Crop Estimation Surveys conducted by the States every year, a report titled ‘Consolidated Results of Crop Estimation Surveys on Principal Crops’ is brought out by FOD.
 5. Design sample check
 6. Selection of villages, experiments
 7. Schedule canvassing
 8. Report Writing
 9. Yield rates based on Central Sample and Pooled Sample.



Advance Yield Estimates through Crop Cutting Experiment (CCE)

- The CCE consists of identification and marking of experimental plots of a specified size and shape in a selected field on the principle of random sampling. Square, rectangle, equilateral, circular cuts.
- The yield estimates of major crops are obtained through analysis of crop cutting experiments.



Sampling frame for socio-economic surveys

- For the rural sector the list of 2001 population census villages have been taken as sampling frame.
- For the urban sector the list of latest available urban frame survey (UFS) blocks have been considered as sampling frame.
- For Enterprise Surveys the 5th economic census (2005) data are used for selecting villages and UFS blocks.



Important uses of socio-economic surveys

- Poverty Estimation
- Labour Force & Employment Estimates & Projection
- National Income Estimation
- Estimation of Literacy Rates
- Estimation of Disability



Data Processing Division (DPD)

- DPD has its headquarters at Kolkata.
- The Data Processing activities have been decentralised through its six centres located at Ahmedabad, Bangalore, Kolkata, Delhi, Giridih and Nagpur.
- DPD is responsible for processing of survey schedules canvassed in the various socio-economic surveys. The various functions of DPD are:
 - ❑ Sample selection and preparation of sample list for S-E Surveys.
 - ❑ Preparation/checking of multiplier details
 - ❑ Pre-data entry scrutiny of filled-in-schedules
 - ❑ Data entry, Validation and Tabulation
 - ❑ Development of software
 - ❑ Assistance to states in data processing



Coordination & Publication Division (CPD)

- CPD has its headquarters at New Delhi.
- CPD is responsible for:
 - Coordinating the activities of all the four divisions of NSSO
 - Dissemination of survey results and analysis through the biannual technical journal "Sarvekshana" and National Seminars.
 - Providing assistance to the Steering Committee of NSSO
 - Supplying survey data of various rounds to individuals, research scholars, research Institutions and other private and government bodies
 - Liaison with other Departments/Ministries on various matters concerning NSSO.
 - Replies to Parliament questions.



Recent and forthcoming socio-economic surveys

NSS 59th Round (Jan 2003 – Dec 2003)

- Collection of data on Land and Livestock holdings
- Debt and Investment
- Household Consumer Expenditure
- Employment and Unemployment

NSS 60th Round (Jan-June 2004)

- Morbidity and Health Care
- Household Consumer Expenditure
- Employment and Unemployment

NSS 61st Round (July 2004 – June 2005)

(quinquennial round)

- Household Consumer Expenditure
- Employment and Unemployment



Recent and forthcoming socio-economic surveys (Continued)

NSS 62nd Round (July 2005 – June 2006)

- Un-organised Manufacturing Enterprises
- Household Consumer Expenditure
- Employment and Unemployment

NSS 63rd Round (July 2006 – June 2007)

- Unorganised Services Enterprises
(Financial Services included, Trade excluded)
- Household Consumer Expenditure

NSS 64th Round (July 2007 – June 2008)

- Participation and Expenditure in Education
- Employment-Unemployment,
- Migration
- Household Consumer Expenditure



Recent and forthcoming socio-economic surveys (Continued)

NSS 65th Round (July 2008 – June 2009)

- Domestic Tourism
- Housing Conditions
- Urban Slums and Civic Amenities

Other Survey

- UNICEF Baseline Survey on well-being of children and women
- Pilot Survey on Non-profit Institutions Serving Households (NPISH)



Publications

- Reports on various rounds of NSSO Surveys. A total of 526 NSS Reports have been released till date.
- Biannual technical journal “Sarvekshana”
 1. For publication of “Sarvekshana”, there is an Editorial Advisory Board (EAB).
 2. The journal “Sarvekshana” publishes the integrated summaries on various rounds of NSSO Surveys.
 3. It also includes research papers on various socio economic surveys.
 4. 91 Issues of the Journal have so far been released.
 5. 92nd Issue is under release.



Dissemination of survey results and data in e-form

- Results of NSSO surveys are brought out in the form of NSS reports available at the website of the Ministry (www.mospi.nic.in). So far, 526 reports have been brought out. Reports are also put on the website.
- National seminars are organized to discuss the survey results. So far 7 National Seminars have been conducted. NSS 62nd round survey subjects were discussed in the seventh Seminar at New Delhi in September, 2008.
- Validated unit level data relating to various surveys of NSSO are available on magnetic media (CD-ROM) for sale at nominal prices.



Sample Surveys conducted during last 10 years

Round No.	Period	Subjects
54	1998 (Jan - June)	Use of common property resources, Sanitation & hygiene services, Consumer Expenditure and Employment and un-employment (small sample)
55	July 99 - June 00	Consumer Expenditure and Employment and un-employment
56	July 00 - June 01	Unorganized manufacturing, Consumer Expenditure and Employment and un-employment (small sample)



(Continued)

Round No.	Period	Subjects
57	July 01 -June 02	Unorganised Services, Consumer Expenditure and Employment and un-employment (small sample)
58	2002 (July - Dec)	Disability, Housing condition, Village facilities and slum particulars, Consumer Expenditure and Employment and un-employment (small sample)
59	2003 (Jan - Dec)	Land & livestock holdings, Debt & investment, Situation assessment survey of farmers, Consumer Expenditure and Employment and un-employment (small sample)
60	2004 (Jan - June)	Morbidity & health care, Consumer Expenditure and Employment and un-employment (small sample)



(Continued)

Round No.	Period	Subjects
61	July 04 - June 05	Household Consumer Expenditure and Employment and Un-employment
62	Jul 05 - June 06	Un-organised Manufacturing Enterprises, Household Consumer Expenditure and Employment and Un-employment (small sample)
63	Jul 06 - June 07	Unorganised Services Enterprises and Household Consumer Expenditure
64	July 07 - June 08	Migration, Education, Employment & Un-employment and Household Consumer Expenditure
65	July 08 - June 09	Domestic Tourism, Housing Conditions, Urban Slums and Civic Amenities
66	July 04 - June 05 —	Household Consumer Expenditure and Employment and Un-employment



Sanctioned strength of Officers and Staff in NASSO

Division	ISS Officers	Other Officers & Staff	Total
SDRD	31	84	115
FOD	158	4263	4421
DPD	61	996	1057
CPD	12*	15	27
TOTAL	262	5358	5620

* DG & CEO, NASSO is included in CPD



THANK YOU