



Government of India

OUTCOME BUDGET 2015-16

GOVERNMENT OF INDIA
MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION
NEW DELHI
<http://mospi.gov.in>

VISION

To be the best and most innovative National Statistical System in the world; and to effectively monitor the programmes and projects for ensuring efficient use of national resources.

MISSION

1. To make available reliable and timely statistics and to undertake regular assessment of data needs for informed decision making;
2. To cater to the emerging data needs in a dynamic socio-economic context, to reduce respondent burden and to avoid unnecessary duplication in data collection and publication;
3. To adopt and evolve standards and methodologies for statistics generated by various elements of the National Statistical System and to steer its development for further improvement and bridging data gaps;
4. To ensure and strengthen trust and confidence of all stake holders in the National Statistical System by maintaining confidentiality of data providers and promoting integrity and impartiality of all elements of official statistics;
5. To provide leadership and coordination to ensure harmonious, efficient and integrated functioning of all the elements of the National Statistical System;
6. To continue to assess skill requirement, and develop human resource capacity at all levels of the statistical system;
7. To participate and contribute actively in all international initiatives and to support development of Statistical Systems around the world;
8. To facilitate and monitor infrastructure and large central projects to achieve high performance levels through systems improvement, and adoption of best practices; and
9. To facilitate and monitor the implementation of Members of Parliament Local Area Development Scheme (MPLADS) and Twenty Point Programme for socio-economic development of the country.

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Executive Summary

Organizational Setup

1. The **Ministry of Statistics and Programme Implementation (MoS&PI)** came into existence as an Independent Ministry on 15.10.1999 after the merger of the Department of Statistics and the Department of Programme Implementation. The Ministry has two wings, one relating to Statistics and the other Programme Implementation.

The Statistics Wing called the **National Statistical Organisation (NSO)** consists of the following offices:-

- a) **Central Statistics Office (CSO)**, and
- b) **National Sample Survey Office (NSSO)**,

The Programme Implementation (PI) Wing has the following units:-

- a) **Twenty Point Programme (TPP)**,
- b) **Infrastructure and Project Monitoring**, and
- c) **Members of Parliament Local Area Development Scheme (MPLADS)**.

Besides, there is **National Statistical Commission (NSC)** created through a Resolution of Government of India dated 1st June, 2005 and one autonomous Institute, viz., **Indian Statistical Institute (ISI)** declared as an “Institute of National Importance” by an Act of the Parliament, known as “Indian Statistical Institute Act No. 057 of 1959”,

2. The NSO (Statistics Wing) of the Ministry functions as the nodal agency facilitating the integrated development of the statistical system in the country. In addition, the NSO caters to the data need and provides technical guidance to other Ministries/Departments for statistical activities.

The Statistics Wing is mandated with the following responsibilities:-

- (i) acts as the nodal agency for planned development of the statistical system in the country
- (ii) lays down and maintains norms and standards in the field of statistics
- (iii) coordinates the statistical work in respect of the Ministries/Departments of the Government of India and Directorates of Economics and Statistics of the States.
- (iv) compiles Macro-economic Aggregates like, Gross Domestic Product (GDP), Input-output Matrix, Capital formation, etc.
- (v) compiles Consumer Price Index (CPI) series separately for Urban, Rural and combined at State/National level
- (vi) compiles Index of Industrial Production (IIP),
- (vii) maintains liaison with International Statistical Organizations, such as, the United Nations Statistical Division (UNSD), ESCAP, the Statistical Institute for Asia and the Pacific (SIAP), IMF, ADB, FAO, ILO, etc
- (viii) compiles and brings out reports as per the international/regional commitments such as Millennium Development Goals (MDGs) India Country Report and SAARC Development Goals India Country Report
- (ix) conducts the Annual Survey of Industries (ASI) under the statutory provisions of the Collection of Statistics Act, 2008 with support of NSSO for carrying out the field work.
- (x) organises and conducts periodic all-India Economic Censuses and follow-up enterprise surveys
- (xi) conducts large scale all-India sample surveys for creating the database needed for studying the impact of

specific problems for the benefit of different population groups in diverse socio-economic areas, such as employment, consumer expenditure, housing conditions and environment, literacy levels, health, nutrition, family welfare, etc.

- (xii) revises National Industrial Classification (NIC),
- (xiii) prepares National Product Classification for Manufacturing and Services Sectors and compiles of Index of Services Production (ISP).
- (xiv) releases grants-in-aid to registered Non-Governmental Organizations and research institutions of repute for undertaking special studies or surveys, printing of statistical reports, and financing seminars, workshops and conferences relating to different subject areas of official statistics.

3. The Computer Centre was set up in 1967 under the then Department of Statistics in the Cabinet Secretariat. The Centre functions as a part of CSO and works as a data storage and dissemination unit of all the unit level data generated through the National Sample Surveys (NSS), Economic Censuses (EC) and the Annual Surveys of Industries (ASI). The Centre is also entrusted with the responsibility of designing, development and maintenance of website of the Ministry, Data dissemination, Providing IT related trainings to the officers sponsored by the various Central Ministries/Departments and State/UTs through NSSTA, Processing of price data, development of software for internal applications like cadre management, APAR management, e-publications, Processing of 6th Economic Census data, Processing of data for the pilot studies on Time Use Survey, BSLLD and setting up 'National Spatial Data Infrastructure (NSDI) node in the Ministry.

4. The important activities of the Programme Implementation (PI) Wing are as follows:-

- a) To monitor the implementation of Twenty Point Programme (TPP),
- b) Monitoring the performance of Central Projects of Rs. 150 crore and above,
- c) Monitoring the performance of eleven key infrastructure sectors viz., Power, Coal, Steel, Railways, Telecommunications, Ports, Fertilizers, Cement, Petroleum & Natural Gas, Roads and Civil Aviation, and
- d) Implementation and monitoring the Members of Parliament Local Area Development Scheme (MPLADS).

5. The Administration Division looks after the general administration and functions as the Cadre Controlling Authority for the Indian Statistical Service (ISS), Subordinate Statistical Service (SSS) and Electronic Data Processing (EDP) Cadre.

6. The NSC was constituted with effect from 12th July 2006 with a mandate to evolve policies, priorities and standards in statistical matters.

The NSC has four part-time Members besides a Chairperson, each having specialization and experience in specified statistical fields. The Chief Statistician of India is the Secretary to the Commission.

Reports of the Commission for each financial year, along with a memorandum on action taken thereof, are laid from time to time before both the Houses of Parliament.

Programmes / Plan Schemes

7. Functions and responsibilities of the Ministry are carried out through Plan and Non-plan activities. The following six Plan Schemes (four Central Sector Schemes and two Centrally sponsored Schemes) are in operation during the 12th Five Year Plan (2012-17):

Central Sector Schemes:

- (i) Capacity Development
- (ii) Grant-in-aid to Indian Statistical Institute (ISI)
- (iii) Economic Census
- (iv) Strengthening, Monitoring & Evaluation of Projects/Programmes

Centrally Sponsored Schemes:

- (v) India Statistical Strengthening Project (ISSP)
- (vi) Basic Statistics for Local Level Development (BSLLD) -Pilot

These two schemes have been merged as one scheme, and renamed as Support for Statistical Strengthening (SSS) in the Annual Plan 2014-15

8. Besides these schemes, Members of Parliament Local Area Development Scheme (MPLADS) is also operated by this Ministry. Under this scheme funds are released for local area development projects, proposed by Members of Parliament for development. The MPLAD scheme is unique in the way that it is a Central Sector Plan Scheme, but does not fall under any Five Year Plan. The allocation of fund for this scheme is made on annual basis.

9. The Revised Estimate (RE) for the Annual Plan 2014-15 is Rs. 309.32 crore excluding MPLADS for which RE is Rs.

3950.00 crore. The North-East Region component is Rs.31.63 crore (i.e.,10.2%).

10. In the 12th Five Year Plan 2012-17, the major thrust of the policies and plan strategies of Ministry of Statistics and Programme Implementation would be towards

- (a) Reforming the administrative and technical structure of Indian Statistical System and upgrading its capacity;
- (b) Improving the present system of collection of data with the objective of reducing the time-lag and improving the quality of data / statistics;
- (c) Exploration and establishment of an alternative system to cater to the ever increasing demand of Users for data / statistics;
- (d) Identification and generation of new data series to keep pace with the expanding economy; and
- (e) Developing a system to generate and make available data / statistics at sub-national level for grass root level planning.

Review of Past Performance

11. Achievements of the Ministry (Division-wise) during the Annual Plan 2014-15 were as follows:

(Fig. for Apr. to Dec. 2014 –actual & Jan. to Mart.2015-expected)

- As a part of the mechanism set up by the Cabinet Secretariat for monitoring and evaluating the performance of Government Ministries and Departments, Ministry prepared a Results-Framework Document (RFD) for the year 2014-15. The last year composite Score for the Ministry given by the Performance Management Division (PMD) is 91.3.

- The pending no. of public grievances as on 1st Apr. 2014 was 113. No. of grievances received from Apr. to Dec. 2014 is 203 and no. disposed off during the period is 269.

A. National Statistical Organization – NSO (Statistics Wing)

12. National Accounts Division (NAD):

- Released the New Series Estimates of GDP and related macro-economic aggregates with base year 2011-12 for the years 2011-12 to 2013-14 on January 30, 2015.
- Released the Advance Estimates of GDP for the year 2014-15 on February 9, 2015.
- Prepared the comparable estimates of State Domestic Product for the years 2011-12 and 2012-13, with Base Year 2004-05, after in-depth discussions with the State Directorates of Economics & Statistics.
- The state-wise estimates of Gross Value Added and Gross Fixed Capital Formation of the supra-regional sectors were prepared for the years 2011-12 to 2013-14 with base year 2011-12.
- Conducted five regional workshops on the topic of state income and related aggregates, in accordance with the recommendations of the NSC, for the benefit of State/UT DES officials.

Prices and Cost of Living (PCL) Unit:

- Monthly Consumer Price Indices (CPI) on Base 2010=100 separately for rural and urban population State/UT and all India levels along with annual national inflation rates based on this CPI series are released to

depict the price behavior of various goods and services consumed by the rural and urban population across the country.

- As per the recommendation of the Parliamentary Standing Committee on Finance, the CSO started releasing all India Consumer Food Price Indices (CFPI) for rural, urban and combined separately, as weighted average of the Consumer Price Indices of Cereals and products; Pulses and products; Oils and fats; Egg, fish and meat; Milk and products; Condiments and spices; Vegetables; Fruits; and Sugar etc., w.e.f. May, 2014.
- India participated in International Comparison Programme (ICP) 2011. The World Bank was the coordinator for all the participating countries under this programme. For this, The Ministry of Statistics & Programme Implementation got collected price data of consumable and non- consumable items from different organizations and submitted to the Asian Development Bank, which was the regional coordinator of the programme in the Asia Pacific Region. The World Bank has released the results of ICP – 2011. India's PPP (US\$ = 1.00) is 15.109 in 2011 against the exchange rate of Rs. 46.670.
- The work relating to the revision of Base Year from 2010 to 2012 for CPI (Rural/Urban/Combined) is scheduled to be over by January 2015. The Indices on base 2012=100 for the month of January 2015 will be released on 12th February 2015. The new series will replace the earlier one.

13. Economic Statistics Division (ESD):

- Released the monthly All-India IIP on time. IIP for the month of January 2015 will be released by March, 2015 as per the schedule.
- Provisional results of ASI 2012-13 have been released in December 2014 and final results of ASI 2012-13 (Vol. I & II) will be released by March, 2015.
- Provisional (Quick) Results of Sixth Economic Census have been released on 30.07.2014.
- Third issue of the statistical publication “Infrastructure Statistics-2014 (Vol. I & II)” was released in September, 2014 in electronic format.
- Twenty second issue of Energy Statistics-2015 will be released in March, 2015 on the web-site of the Ministry.

14. Social Statistics Division (SSD):

- Towards bringing out analytical reports on the implementation of SAARC Social Charter, the publication ‘SAARC Social Charter India Country Report 2014’ was released in 2014-15.
- National Classification of Activities for Time Use Survey (NCATUS) and Sampling methodology and Schedules of enquiry has been finalized by the Expert Group Chaired by Dr. S R Hashim in its sixth meeting held on 31.7.2014. National Statistical Commission (NSC) has reviewed NCATUS Classification, sampling methodology, etc., in its’ 72nd meeting held on 25-26 November 2014. As recommended by the NSC, the classification developed by the Group has been placed in the public domain through the website of the Ministry, inviting comments on the same. NSC has further

recommended the constitution of a small Group of Officers to quickly work on formulating survey instruments to conduct TUS through outsourcing under FOD supervision. Action in that direction is in progress.

- The National Award in Statistics instituted in memory of Prof. P V Sukhatme and implemented by MOSPI for senior statistician for their outstanding contribution in statistics was conferred on Dr. N. S. Sastry, former Director General, NSSO during Statistics Day celebration on 29th June 2014.
- The winners of the ‘On the Spot Essay Writing Competition 2013-14’ were presented cash awards and certificates on the occasion of Statistics Day 2014.
- The 20th meeting of London Group on Environmental Accounting was hosted in New Delhi during 15-17 October 2014 in coordination with International agencies. The meeting was attended by 37 international delegates and experts. The Indian participants included the senior officers of Central Statistics Office (CSO) and from various Ministries of Government of India.
- The Central Statistics Office (CSO) has identified a list of indicators/statistics for compilation of asset accounts for the selected sectors. Framework for compilation of Asset Accounts for selected sectors was prepared based on SEEA Central Framework. The list of identified indicators and statistics has been shared with the concerned Union Ministries and other data source agencies to explore availability of data, periodicity etc. for the trial compilation of Environmental Economic Accounts. The Ministries/Departments have to examine the status of availability of data for the respective sectors based on the identified indicators/statistics.

- Under the Grant-in-Aid component of the Plan Scheme 'Capacity Development', an amount of Rs. 55.47 lakhs had already been released to various Research Organizations/Institutions for conducting research studies and national/international workshops/seminars/conferences in the area of official statistics.
- Towards creating and maintaining a National Data Bank (NDB) for Socio Religious Categories, more than 100 statistical tables pertaining to population, education, health and labour & employment with focus on these categories were uploaded on the Ministry's website.
- For finalization of data sources for Basic Statistics for Local Level Development (BSLLD) in the urban areas, the pilot study has been completed. Based on the experience of the pilot, a workshop amongst all the stakeholders was held in January 2015.

15. Co-ordination and Publication Division (CAP):

- A major review of India Statistical Strengthening Project (ISSP) for addressing certain implementation issues was done. Allocation of fund to the currently implementing states was revised and allocation was also made to other states.
- India in Figures, 2014 was printed and released on 29th June 2014, the Statistics Day.
- Statistical Year Book, India 2015 has been released through web on 1st January, 2015.
- Organised the 22nd Conference of Central and State Statistical Organisations (COCSSO) during November 13-14, 2014 at Shimla, Himachal Pradesh, which was attended by about 120 officers representing most of the

States / UTs and Central Ministries / Departments and officers of CSO & NSSO.

- The Citizen's/Client's Charter of the Ministry has been updated and audited with a score of 90.25% during this year
- The e-book for the Ministry has been uploaded in the web-site of the Ministry on 1st January 2015, as targeted.

16. National Statistical Systems Training Academy (NSSTA):

National Statistical Systems Training Academy (NSSTA), a premier Institute fostering human resource development in official statistics at national and states level is actively engaged in building capacities at international level as well, particularly amongst developing & SAARC countries. NSSTA is also engaged in induction training of ISS Probationers and new recruits of SSS officials to equip them for taking up responsibilities for improving and enhancing official statistics in the country. During 2014-15 the activities undertaken are given below:-

- 42 National Training programmes, 3 International Training programmes and 3 Awareness Workshops at three Universities were organized. 3 refresher courses for ISS officers and two training programmes for State/UT Directorate of Economics & Statistics and other line Departments are scheduled during January – March 2015.
- More than 200 internship were awarded.
- 2 regional workshop have been organized to assess the training need of state officials and one more is scheduled during February 2015
- Sukhatame Library was integrated with the complete network systems with the Libsys Software as a library

management software. Entry of about 20,000 books details was completed.

17. Computer Centre:

- The website of the Ministry is being accessed by various National/ International users to download metadata and reports. All press releases of the Ministry are uploaded at designated date and time for the public.
- Processing of price data for compilation of CPI (Rural/Urban/Combined) at State/UT and All India level continued on monthly basis.
- Completed the development of the web-based survey cataloguing system powered by the National Data Archive (NADA 4.0) software developed by the International Household Survey Network (IHSN). This system serves as a portal for researchers to browse, search, and download relevant census or survey documents and metadata. Currently the Micro data Archive provides web access to the complete metadata of over 125 surveys and censuses available with the Ministry. The metadata now provided in the archive includes, survey methodology, sampling procedures, questionnaires, instructions, survey reports, classifications, code directories etc. Importantly the archive provides all details of the data files that are disseminated to users along with case summaries.

18. National Sample Survey Office (NSSO):

- During the year 2014-15, NSSO has released 9 reports based on its surveys during 68th, 69th and 70th rounds besides the release of unit level data for the 70th round.

- The field work for 71st round of survey on “Social Consumption: Health and Education” (January, 2014-June, 2014) was completed on 30th June, 2014.
- At present, the NSS estimates are given only at National and State Level due to limitation on size of Central Sample. Increase in sample size by pooling of Central and State sample data enables generation of estimates at sub-state level also. A Manual covering all methodological aspects on Pooling Central and State sample data has been released by NSSO.
- NSSO has initiated the work of developing and testing the system of Computer Assisted Personal Interviewing (CAPI) with the technical assistance from the World Bank to replace present system of collection of data through paper schedule with direct data collection by using handheld IT device. The system would have the in-built provision for data processing, data validation, tabulation, analysis, presentation, etc. facilitating further reduction in time lag in release of survey results.
- A Standing Committee on Labour Force Statistics has been constituted under the chairmanship of Dr. S.P. Mukherjee, Emeritus Professor, University of Calcutta to oversee the conduct of surveys and system of collection, compilation and dissemination of Labour Force Statistics.

B. Programme Implementation (PI) Wing

19. Members of Parliament Local Area Development Scheme (MPLADS):

- Released Rs. 2507.5 crore and incurred an expenditure of Rs.1920.37 crore in the current financial year upto 31.12.2014, under the MPLAD Scheme.
- Released a total of Rs.35164.75 crore since the inception of the MPLAD Scheme up to 31.12.2014, with an expenditure of Rs.31658.55 crore, the percentage utilization over release is 90.03.
- The faster completion of works since 2004-05, has been sustained. 78548 works have been completed, whereas 49113 works have been sanctioned during this period. The percentage of works completed over sanctioned for the period is as high as 159.93.

20. Twenty Point Programme (TPP):

The Twenty Point Programme was last restructured in 2006 and the monitoring mechanism for Twenty Point Programme-2006 became operational with effect from 1st April, 2007. TPP-2006 consists of 65 items covered under 20 Points.

21. Infrastructure Project Monitoring Division (IPMD):

The following analytical reports are being brought out by IPMD:-

- Monthly Flash Report on Central Sector Project Costing Rs. 150 crore and above.
- Monthly Flash Report on Central Sector Project Costing Rs. 1000 crore and above.
- Monthly Project Implementation an Overview

- Monthly Review Report on Infrastructure Sectors Performance.
- Monthly Capsule Report on Infrastructure Sectors Performance.
- Quarterly Project Implementation Status Report costing Rs. 150 crore and above
- Quarterly Project Implementation Status Report costing Rs. 1000 crore and above

Training:

To organize 04 training programmes on Project Planning and Management at National Statistical Systems Training Academy (NSSTA), Greater NOIDA for Project Managers of Central PSUs and also support other management initiatives.

Major targets / work programmes for 2015-16

22. Major targets / work programmes of Statistics Wing & Programme Implementation Wing in brief, are as follows:

Indian Statistical Service (ISS) Cadre :

Review of Indian Statistical Service (ISS) cadre would be completed.

A. National Statistical Organisation – NSO (Statistics Wing)

23. National Accounts Division (NAD):

- To examine the data gaps in the compilation of national/state accounts and explore the possibilities for addressing them.

- To develop the capacity of the State Directorates of Economics and Statistics, in respect of regional accounts, through specific training programmes/ workshops.

Prices and Cost of Living (PCL) Unit:

- To release the CPI(Urban), CPI (Rural) and CPI (Rural+Urban) on base 2012 = 100 at State/UT and all India levels on monthly basis;

24. Economic Statistics Division (ESD):

- To release Fourth issue of the statistical publication “Infrastructure Statistics -2015” by June 2015.
- To release Twenty Third issue of the statistical publication “Energy Statistics -2016” by March 2016.
- To release the provisional results of ASI 2013-14 by December 2015 and final results of ASI 2013-14 (Vol. I & II) by March 2016.
- To launch the Annual Survey on Services Sector subject to completion of necessary approvals from the competent authority.
- To release the monthly All-India Index of Industrial Production (IIP) for the months of February 2015 to January 2016 including bringing out the indices with reference to the revised base year.
- To release State/UT wise Directories of Establishments based on the Sixth Economic Census by June, 2015.
- To release All India Report of Sixth Economic Census by September, 2015.

25. Social Statistics Division (SSD):

- Publication of SAARC Development Goals- India Country Report 2015.
- Publication of Fact sheet /India Country Report on Millennium Development Goals.
- Release of statistical publications namely ‘Compendium of Environment Statistics-India’. In addition, a publication relating to ‘Statistics related to Climate Change- India 2015’ is also planned.
- Identification of data sets alongwith sources for trial compilation of Asset Accounts under Environmental – Economic Accounting for selected sectors.
- Initiation of necessary actions for conducting the All India Time Use Survey.
- Conduct of Regional level training programme for middle level officers of States/UTs, DES and other stakeholders who are actually involved in the collection and compilation of disaster statistics in collaboration with National Institute of Disaster Management (NIDM).
- Monitoring of various on-going projects awarded to different Research Institutes.
- Implementation of grant-in-aid scheme for carrying out research studies as well as for organizing international / national seminars, conferences, workshops on statistics with focus on Official /Applied statistics.
- Conferring National Award in the honour of Prof. C R Rao on a selected Young Indian Statistician.
- Organising ‘On the Spot Essay Competition’ among the post-graduate students of statistics and distribution of cash awards.
- Populating the NDB webpage with more data tables.
- Works relating to updation of DevInfo India Database.

26. Co-ordination and Publication Division (CAP):

- Publishing - India in Figures, 2015 and Statistical Year Book, India 2016.
- To organize the 23rd Conferences of Central and State Statistical Organisations (COCSSO).
- To organize 'Statistics Day' on the birthday of Prof.P.C.Mahalanobis i.e., 29th June.
- Continue implementation of Support for Statistical Strengthening Scheme.

27. National Statistical Systems Training Academy (NSSTA):

- Conducting National /International Training Courses/ workshops/awareness programmes.
- Establishing IT infrastructure.
- Initiate research activities/Project studies on subject relating to official statistics.
- Preparation of manuals on two core statistics.

28. National Sample Survey Office (NSSO):

- Launching of "All India Periodic Labour Force Survey (PLFS)" for measuring quarterly changes in labour force market during 2015-16 onwards subject to requisite approvals.
- To undertake "Working Class Family Income & Expenditure Survey (WCFI&ES)" for revising the base year of the Consumer Price Index for Industrial Workers.

- Finalization of survey methodology for conducting Survey on Drug Abuse at national level to be conducted by Ministry of Social Justice and Empowerment.
- Achieving ISO 2008:9001 standard in quality of performance for Sample Design and Research Division (SDRD) of NSSO.
- Digitization and Archiving of NSS Documents.
- Methodological Studies.
- Integration of Statistical System with the Information Technology.
- Conduct of regular surveys on Socio-Economic subjects, Industry, Agriculture and Prices;
- Purchase of land/ construction of accommodation for field offices for providing conducive office environment to officers/staff for improving efficiency;
- Publicity of NSSO for creating a brand name for NSSO and to get better cooperation from Respondents, etc.;
- Upgrading use of IT in NSSO for reducing the time-lag and improving quality of data;
- Taking up new adhoc surveys as and when required.
- The field work for 72nd round of survey on "Domestic Tourism Expenditure" & "Household Expenditure on Services and Durable Goods" (July, 2014-June, 2015) commenced from 1st July, 2014, would be completed by 30th June, 2015.
- The field work for 73rd round of survey on 'Unincorporated Non-agricultural Enterprises in Manufacturing, Trade and other services (excluding Construction) would commence from 1st July, 2015.
- 6 reports based on 68th round, 9 reports based on 70th round and unit level data of 71st round along with two reports on key indicators based on the 71st round survey would be released during 2015-16.

- To introduce the Computer Assisted Personal Interviewing (CAPI) developed with the technical assistance from the World Bank to replace present system of collection of data through paper schedule with direct data collection by using handheld IT device.

29. Computer Centre:

- Maintenance of uninterrupted web services and designing of the Ministries web-site.
- Data archiving and dissemination of NSS, ASI, & EC data to National/ International users
- Implementation of IPv6 Policy in the Ministry
- Pilot project on development of web enabled integration of geo-spatial and socio - economic data for NSDI node.
- Compilation and Data processing for CPI Index
- Organizing training programmes on IT topics and Data analysis for officers/officials sponsored by NSSTA

B. Programme Implementation Wing

30. Members of Parliament Local Area Development Scheme (MPLADS):

- To take up physical monitoring of MPLADS works;
- To provide assistance to training of district officials;

31. Twenty Point Programme:

- To continue with the monitoring of TPP-06 and impact assessment studies of selected items of TPP-06.

32. Infrastructure Project Monitoring Division (IPMD):

- To bring out 12 Flash Report, 4 Project Implementation Status Reports for projects costing Rs. 150 crores & above and 12 Monthly PMO Reports for projects costing Rs. 1000 crore and above, and 12 review reports on the performance on infrastructure sectors.

Risk and Constraints

The Ministry proposes to take up a number of new initiatives for the year 2015-16. However, their success requires overcoming many constraints.

33. Shortage of Manpower :

- There are 927 vacancies in Subordinate Statistical Service. 802 vacancies in Field Operation Division (FOD) and 125 vacancies exist in Non-FOD as on 31.3.2014. In the absence of regular field staff as per requirement, the sample surveys to be undertaken by NSSO will have to be conducted through Contract Employees, which may affect the quality of data collected.
- The National Statistical Systems Training Academy (NSSTA) is facing problem due to non-availability of qualified Faculty. Taking up of all the programmes envisaged for the NSSTA will depend upon the availability of qualified and competent Faculty.
- The implementation of the prestigious scheme of Support for Statistical Strengthening”, which will be implemented by the States/ UTs, will also depend upon the availability of qualified manpower with States/ UTs, as the states are also facing the same problem of manpower shortage.

Drafting of State Strategic Statistical Plans by States would also depend upon availability of competent Consultants for the job.

- The implementation of the scheme “Basic Statistics for Local Level Development”, which has been crafted with the objective of developing the decentralized data base at village/ block level for local level planning in all the States, may also face similar constraints.

34. Data availability:

The Pilot Survey to identify the data sources for compiling basic statistics for local level development and to check the efficacy of the survey instruments has been completed, the implementation of the main scheme would depend upon the extent to which the Panchayati Raj Institutions (PRIs) are able to organise the continuing data collection.

Similarly, timely data should flow from the link departments and states to achieve the targets of the Ministry.

35. Service Anomalies: To create a better working environment the following anomalies need to be removed:

- Entry grade pay of Subordinate Statistical Service (SSS) and similar other services are not same.
- Centralized selection creates a mismatch between language known and required for statistical surveys in the field.
- Restructuring of Electronic Data Processing (EDP) cadre and formulation of Recruitment Rules.

Monitoring Mechanism and the Public Information System

36. The activities of the Ministry are being regularly monitored through review of the monthly progress achieved by the concerned division in the implementation of the Programmes/Plan Schemes. Besides, there is a system of review of targets / activities on quarterly basis through the Annual Action Plan. The targets given for activities included in the Results-Framework Document of Ministry are also reviewed by Secretary on monthly basis in the meetings of Senior Officers.

37. A web-site (www.mospi.nic.in) of the Ministry has been designed, created and being maintained by Computer Centre. Press releases on Consumer Price Index Numbers, NSS Reports, Index of Industrial Production, and Estimates of GDP are uploaded on the websites on the day of release itself. Large number of Reports and latest publications of the Ministry have been uploaded for downloading by the users free of cost. System of on-line registration has been introduced for downloading/viewing the reports. On an average, the web had 7.75 lakh visitors per month during 2014-15.

38. The Ministry of Statistics and Programme Implementation monitors the programmes/schemes covered under TPP-2006 on the basis of performance report received from State/UT Governments and Central Nodal Ministries. The primary responsibility of implementation and monitoring of the programme lies with the agencies entrusted with the execution of the programme, which in this case are the State Governments/UT Administrations and the Central Nodal

Ministries. While all items of TPP-06 are monitored annually, 20 items are also monitored on monthly basis. Based on the information received from States/Union Territories Governments and Nodal Central Ministries on the performance of monthly monitored items, a Monthly Progress Report is released every month. An Annual Review Report covering all items of TPP is also released annually. Both of these reports are hoisted on the web site of the Ministry. The senior officers of the Ministry also undertake state visits to discuss matters relating to implementation and monitoring of TPP with state officials. Monitoring Committees at State, District and Block Level, for monitoring the progress of implementation of all schemes/items covered under the Twenty Point Programme - 2006, have been constituted by most of the States/UTs as per the provisions of TPP-2006 Guidelines.

Ministry of Statistics and Programme Implementation regularly undertake review meetings with States/UT's and the last meeting to review Twenty Point Programme -2006 with selected States and Central Nodal Ministries was held on 18-03-2014. The meeting reviewed the position of action taken/ compliance of the earlier Review Meetings.

39. IPMD monitors the implementation of Central Sector Projects costing more than Rs.150 crore. It acts as an independent monitor for time and cost overruns in implementation of projects and flags the slow/wayward projects for corrective action. The monitoring is done through the mechanism of Online Computerized Monitoring System (OCMS) in which the central sector PSUs are required to furnish information on the ongoing projects. The Ministry also monitors the performance of 11 key infrastructure sectors, such as Power, Coal, Steel, Railways, Shipping and

Ports, Cement, Fertilizers, Petroleum & Natural Gas, Civil Aviation, Roads and Telecommunication, with reference to the pre-set targets for the month as well as the cumulative period and also with the achievement of the month and the cumulative period of last year.

40. With a view to minimize time and cost overruns in Central Sector Projects, IPMD has advised all States/UTs to constitute the Central Sector Projects Coordination Committees (CSPCC) to facilitate resolving State-level issues of land acquisition, encroachment, shifting of utilities etc. IPMD also takes up issues of time and cost overruns of projects in various fora such as Quarterly Progress Review meetings of various Ministries, in the MOU Task Force meetings; and in the meetings of the Expanded Board for Railways, etc. From time to time the issues of time and cost overruns are also taken up with the concerned Ministries at the level of Hon'ble Minister, Ministry of Statistics and Programme Implementation (MoSPI).

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Chapter-I

Introduction

1.01 The Central Statistical Organisation (CSO) was set up in the Cabinet Secretariat on 2 May 1951. CSO was initially responsible for coordination of statistical activities in India, and evolving and maintaining statistical standards. Department of Statistics was set up in the Cabinet Secretariat in April 1961 and the CSO became a part of it. In March 1970, the National Sample Survey Organisation, the erstwhile Directorate of National Sample Survey, was set up as an organisation in the Department of Statistics. Later in 1973, Department of Statistics became part of the Ministry of Planning. In 1999, the Department of Statistics and the Department of Programme Implementation were merged and named as the Department of Statistics and Programme Implementation under Ministry of Planning and Programme Implementation. Later in the same year, the Department of Statistics and Programme Implementation was declared as the Ministry of Statistics and Programme Implementation, as it exists today. The current compositions and the modified activities and names are described in forthcoming paragraphs.

1.02 The Ministry of Statistics and Programme Implementation has two wings viz., (i) the Statistics Wing and (ii) the Programme Implementation Wing. The Statistics Wing, called the **National Statistical Organization (NSO)** consists of the **Central Statistics Office (CSO)** and the **National Sample Survey Office (NSSO)**. The **Programme**

Implementation Wing has three Divisions viz., Twenty Point Programme Division, Infrastructure and Project Monitoring Division, and Members of Parliament Local Area Development Division. The **Indian Statistical Institute (ISI)**, an autonomous institute of national importance is funded by this Ministry. **National Statistical Commission(NSC)** has been set up in this Ministry through a Government of India Resolution of 1st June, 2005. It became operational w.e.f. 12th July, 2006.

1.03 The NSO in the Ministry of Statistics and Programme Implementation is the apex body for the official statistical system of the country. The major responsibilities of the NSO include:

- (i) To function as the nodal agency for planned development and promotion of the statistical system in the country;
- (ii) To lay down and maintain norms and standards in the field of statistics; evolving concepts, definitions and methodology of data collection; processing of data, and; dissemination of results;
- (iii) Advising the Ministries/ Departments of Government of India on statistical methodologies and on analysis of data, etc.;

- (iv) Coordinating statistical work with various Departments and organisations of the Government of India and State Governments, including State Directorates of Economics & Statistics (DESS);
- (v) Organising Conference of Central and State Statistical Organisations (COCSSO) in order to strengthen central-state coordination;
- (vi) Maintaining liaison with International Statistical bodies including the United Nations, IMF, FAO, UNCTAD, World Bank, ILO, SAARCSTAT etc. in different statistical matters including interchange of statistical intelligence, sharing of expertise, participation in international conferences, seminars, workshops for improving the statistical system, and serving as clearing house for statistical matters;
- (vii) Preparing and publishing quarterly and annual estimates of national accounts, and preparing comparable estimates of State Domestic Product (SDP);
- (viii) Compiling and releasing all India and State/UT wise Consumer Price Index numbers along with annual inflation rates.
- (ix) Compiling and releasing the Index of Industrial Production (IIP) every month; Conducting the Annual Survey of Industries (ASI), and; providing statistical information to evaluate the changes in the growth, composition and structure of the organized manufacturing sector;
- (x) Compiling and releasing data on Gender related indicators for policy analysis and policy advocacy;
- (xi) Organizing and Conducting All-India Economic Censuses and follow up enterprise surveys;
- (xii) Conducting large scale All-India sample surveys for creating data base, needed for studying the impact of specific problems for the benefit of different population groups in diverse socio-economic areas, such as employment, consumer expenditure, housing conditions and environment, literacy levels, health, nutrition, family welfare, etc;
- (xiii) Examining the survey reports from technical angle and evaluation of appropriate sampling design including feasibility studies in respect of surveys conducted by other central Ministries and Departments;
- (xiv) Disseminating statistical information on various aspects through a number of regular, or ad-hoc publications, and; disseminating data, on request, to the United Nation agencies like United Nations Statistical Division, the Economic and Social Commission for Asia and Pacific, International Labour Organisation and other international agencies;
- (xv) Undertaking special studies or surveys through Non-Government Organisations (NGOs) and Research Institutions, printing of statistical reports, and financing seminars, workshops and conferences relating to different subject areas of official statistics;

- (xvi) Functioning as the Cadre Controlling Authority to manage the Indian Statistical Service and Subordinate Statistical Service;
- (xvii) Human Resource Development through institutionalization of statistical training programmes in a systematic manner for the statisticians of Centre/ State/ UTs and PSUs;
- (xviii) Acting as Nodal Ministry for the Indian Statistical Institute, an Institute of national importance, and ensuring its functioning in accordance with the provisions of Indian Statistical Institute Act, 1959;
- (xix) Providing in-house facilities for processing and tabulation of data for economic censuses, price surveys and other selected studies of CSO, and creation / maintenance of the National Data Warehouse of Official Statistics through the Computer Centre, CSO;
- (xx) Providing training in software engineering to Central & State Statisticians through the Computer Centre, CSO; and
- (xxi) Functioning as Secretariat of the UN City group on Informal Sector, namely Delhi Group.

1.04 The Programme Implementation Wing has the following activities and responsibilities:-

Twenty Point Programme Division

- (i) Monitoring the implementation of Twenty Point Programme – 2006, which is a package of schemes

relating to poverty alleviation, employment generation, education, health etc.

- (ii) The Ministry has been mandated to conduct monitoring and impact assessment studies for selected items at State and National level to evaluate the performance and impact of TPP – 2006.
- (iii) Publicity to the performance of TPP through Print & Visual Media.
- (iv) Awarding evaluation of the impact assessment studies to Non-Government Organisations (NGOs), Institutions, Universities and Consultants.

Infrastructure and Project Monitoring Division

- (v) Monitoring the performance of the country's eleven key infrastructure sectors, viz. Power, Coal, Steel, Railways, Telecommunications, Shipping & Ports, Fertilizers, Cement, Petroleum, & Natural Gas, Roads and Civil Aviation as well as all Central Sector Projects costing Rs. 150.00 crore and above. Besides, a special report is brought out on monthly basis on projects costing Rs. 1000 crore and above, for Prime Minister's Office;

Members of Parliament Local Area Development Division.

- (vi) Monitoring the implementation of Members of Parliament Local Area Development Scheme (MPLADS), comprising works of public benefits such as construction of hospitals, school buildings, approach roads, small bridges, community centres, computer facilities, etc. The MPLADS works are sanctioned,

executed and monitored as per the provisions of the MPLADS Guidelines.

1.05 A separate report on the working of National Statistical Commission is laid before the Parliament.

1.06 Major Schemes/Programmes

There is growing concern about the deficiencies with respect to credibility, timeliness and adequacy of statistics being made available at present. It was, therefore, felt necessary to appropriately modernize the Indian Statistical System and to keep pace with the new and emerging Information Technology and to use the right kind of software and hardware for collection, compilation, processing, analysis and dissemination of data, for ensuring the best possible results. Keeping this in view, the major thrust of the policies and plan strategies of the Ministry of Statistics and Programme Implementation during 12th Five Year Plan (2012-17) would be the following:

- (i) Reforming the administrative and technical structure of Indian Statistical System and upgrading its capacity;
- (ii) Improving the present system of collection of data, in relation to data that is currently being generated with the objective of reducing the time-lag and improving the quality of data / statistics;
- (iii) Exploration and establishment of an alternative system to cater to the ever increasing demand of Users for data / statistics;

(iv) Identification and generation of new data series to keep pace with the expanding economy; and

(v) Developing a system to generate and make available data / statistics at sub-national level for grass root level planning.

1.07 The Thrust areas of Official Statistics which required special attention in the 12th Five Year Plan has been divided into (a) National needs and (b) Needs of the States, as follows:

1.07.1 National Needs

- (i) Developing/Strengthening indices for measuring the Socio-economic indicators – like Index of Service Production (ISP), revision of CPI(U)/CPI (R) and revision of IIP;
- (ii) Improving the statistical system for bridging data gaps for computation of economic statistics, development of satellite accounts, introduction of Business Register, firm methodology for contribution of emerging areas of Service sector and preparing separate accounts for Non-Profit Institutions;
- (iii) Filling up data gaps of social sectors like Health, Education, Gender through enhancement of sample surveys;
- (iv) Networking and enhancement of Statistical links for better flow of inter and intra agency data flow;

(v) Enhanced integration of Information Technology (IT) through application of advanced technology including data warehousing;

(vi) Development of alternative survey capabilities

(vii) Setting up of a consultative wing in order to meet multi-facet data requirement of various subject Ministries; and

(viii) Capacity Development of Statistical Personnel – ISS/SSS/State/UTs and PSUs Statisticians – through the state-of-the-art academy name “National Statistical System Training Academy” (NSSTA) in order to meet national and international training needs for building up a stronger statistical system.

1.07.2 State Needs

- (i) Capacity development of State Directorates of Economic & Statistics (DES)/ State Statistical Bureaus (SSBs);
- (ii) Development of Local Level database for micro-level planning;

1.08 All schemes proposed by the Ministry in the Twelfth Five Year Plan (2007-12) have been agreed by the Planning Commission. Thus the Plan Schemes during the 12th Five Year Plan are:

1.08.1 Central Sector Schemes:

- i) Capacity Development
- ii) Grants-in-Aid to ISI

iii) Strengthening, Monitoring and Evaluation of Projects and Programmes

iv) Economic Census

1.08.2 Centrally Sponsored Schemes:

v) India Statistical Strengthening Project (ISSP)

vi) Basic Statistics for Local Level Development (BSLLD)-Pilot

These two Centrally Sponsored Schemes have been merged as one scheme, i.e., Support for Statistical Strengthening (SSS) in the Annual Plan 2014-15.

The Revised Estimate (RE) for the Annual Plan 2014-15 is Rs. 309.32 crore in which the North-East Region component is Rs.31.63 crore (i.e.,10.2%). This is excluding Rs. 3950.00 crore for MPLADS.

1.09 Policy Framework

1.09.1 Official Statistical System being dynamic in nature, needs revamping from time to time in order to disseminate reliable and credible statistics in time. The needs of the Official Statistics require to be understood and redefined according to the data needs of the country as a whole, be it computation of economic and social statistics or understanding the level of human development, which is required for planning and policy formulation, both at National level and at State level.

1.09.2 The following are the key/critically important outcomes that are envisaged to the National Statistical

System, in general and State Statistical Systems, in particular:-

- Compilation of district level estimates of statistical indicators
- Manuals to be developed with regard to all the key statistical activities
- Better accessibility to data and interface with users
- Publication on all key statistical activities
- Better equipped staff working in State
- Significant improvement in the credibility, timeliness and reliability in respect of Key Statistical Activities
- Wider dissemination of information

1.10 Functions and Major Highlights of Various Divisions of the Ministry

I. National Statistical Organization (NSO)

A. Central Statistics Office (CSO)

1.10.1 The Central Statistics Office (CSO) is the apex statistical organisation under National Statistical Organisation (NSO). It coordinates the statistical activities in the country and evolves statistical standards. Its activities include compilation of National Accounts; Index of Industrial Production; CPI (Urban) and CPI (Rural) for all States/UTs and all India; Human Development Statistics including Gender Statistics; conduct of Annual Survey of Industries, Economic Census; development of statistical capabilities in the States and Union Territories; and dissemination of Energy Statistics, Social and Environment Statistics. The CSO is headed by a Director General who is assisted by five Additional Director Generals, a number of

Deputy Director Generals and other officers and staff. The CSO is located in Delhi. Part of the Industrial Statistics work pertaining to Annual Survey of Industries is carried out in Kolkata. CSO has six Divisions viz. National Accounts and Price & Cost of Living (PCL) Division; Economic Statistics Division; Training Division; Social Statistics Division, Coordination and Publication Division and Computer Centre.

National Accounts Division (NAD) of CSO

1.10.2 The Government of India set up an Expert Committee in 1949 known as "National Income Committee" under the chairmanship of Prof. P.C.Mahalanobis with Prof. D.R. Gadgil and Prof.V.K.R.V. Rao as members, To assist the Committee a 'National Income Unit (NIU)' was set up. It was for the first time that this Committee provided the estimates of national income for the entire Indian Union. The estimates and details of methodology adopted were published in the first and final reports of the National Income Committee brought out by the Ministry of Finance in 1951 & 1954 respectively. The Committee recommended preparation of national income estimates on a regular (annual) basis. The entire work was transferred to the NIU, Ministry of Finance. The work of estimation was later transferred to the Central Statistical Organization (CSO) and a full-fledged National Income Division was created which is now designated as National Accounts Division (NAD) in conformity with the expansion in its activity.

The National Accounts Division (NAD) is headed by an Additional Director General, who is assisted by six Deputy Director Generals and other officers and staff to look after

various functions assigned to the Division. The functions of NAD include compilation and publication of annual estimates of Gross Domestic Product (GDP), National Income, Private and Government Final Consumption Expenditure, Capital Formation and Saving, alongwith details of public sector transactions. Capacity Development of the State Statistical Personnel in the area of State Income estimation is also an important function of NAD. The Division conducts regular workshops and training programmes for State Government Personnel. Apart from the regular functions mentioned above, revision of base year of National Accounts from 2004-05 to 2011-12 was also a major goal of the Division during 2014-15.

Price & Cost of Living (PCL) of NAD, CSO

1.10.3 CSO is releasing Consumer Price Index [CPI (Rural/Urban/Combined)] on base 2010=100 at State/UT and all India levels since January 2011 to depict the price behavior of various goods and services consumed by the rural and urban population across the country. Annual inflation rates based on these CPI numbers are also being released from January 2012 regularly.

The revised series of CPI (Rural/Urban/Combined), with base 2012=100, will be released w.e.f. January 2015 and this series, on revised base 2012=100, will continue to be released during the year 2015-16.

Economic Statistics Division (ESD) of CSO

1.10.4 The functions of Economic Statistics Division(ESD) include conducting Economic Census and Annual Survey of Industries (ASI), publication of Energy Statistics and Infrastructure Statistics, release of monthly all-India Index of Industrial production (IIP), revision of National Industrial Classification (NIC), preparation of National Product Classification for Manufacturing and Services Sectors and compilation of Index of Service Production (ISP).

1.10.5 Annual Survey of Industries: The Annual Survey of Industries (ASI) is the principal source of industrial statistics in India. It provides statistical information to assess and evaluate, objectively and realistically, the change in the growth, composition and structure of the organized manufacturing sector comprising activities related to manufacturing processes, repair services, generation/transmission of electricity, gas & water supply and cold storage. Till 2009-10 the survey was conducted annually under the statutory provisions of the Collection of Statistics Act, 1953. From ASI 2010-11 onwards, data are being collected under Collection of Statistics Act 2008.

The survey covers all factories registered under Sections 2m (i) and 2m (ii) of the Factories Act, 1948. The survey also covers bidi and cigar manufacturing establishments registered under the Bidi and Cigar Workers (Conditions of Employment) Act, 1966.

Certain services and activities like cold storage, water supply, repair of motor vehicles and of other consumer durables like watches, etc. are covered under the survey.

Defence establishments, oil storage and distribution depots, restaurants, hotels, café and computer services and also the

technical training institutes are excluded from the purview of the survey. The electricity undertakings registered with the CEA are not being covered under ASI with effect from 1998-99; however captive units not registered with CEA are continued to be covered under ASI.

The data collected through ASI relates to capital, employment and emoluments, consumption of fuel and lubricants, raw materials and other input/output, value added, labour turnover and other characteristics of factories/industrial establishments. Fieldwork is carried out by the Field Operations Division of NSSO. The CSO (IS Wing), Kolkata, processes the ASI data and publishes the results.

1.10.6 Index of Industrial Production: Index of Industrial Production (IIP) is a summary indicator that measures the short-term changes in the volume of industrial production during a given period with respect to that in a chosen base period. Quantity Index is brought out by Central Statistics Office (CSO) on 12th of every month in the form of Quick Estimates (QE) with a time lag of six weeks as per the Special Data Dissemination Standards (SDDS) norms of the International Monetary Fund (IMF).

The general scope of the IIP recommended by the United Nations Statistics Division (UNSD) is Mining and quarrying, Manufacturing, Electricity, gas, steam and air-conditioning supply, as well as water supply, sewerage, waste management and remediation activities. The scope of general index of industrial production compiled in India is (a) Mining, (b) Manufacturing and (c) Electricity. The estimates are also compiled according to use-based categories viz. Basic Goods, Capital Goods, Intermediate Goods, Consumer Durables and Consumer Non-durables.

These estimates are revised subsequently on receipt of additional/ more up-to-date production data from the source agencies concerned. At present, the base year (reference year) for comparison in respect of the IIP is 2004-05 and an item basket comprising of 399 item groups are in use for the purpose of compilation of the index. A new series of IIP with a revised base year will be available during 2015-16.

1.10.7 Economic Census: The Sixth Economic Census (EC) was conducted on All India basis covering all the States and UTs in the country during January 2013 to April 2014. It is a Central Sector Scheme, with 100% Central Assistance and was conducted in all the States and Union Territories of the country, in collaboration with State/UT Governments. The Scheme proposes to provide up to date information on number of establishments and number of persons employed therein, activity wise, of all the sectors (excluding crop production, plantation, public administration, defense and compulsory social security services) of the country. During the Census, all establishments existing on the day of visit, in the entire country, irrespective of their location, size, and employment or turnover, whether registered or not were covered. Data in respect of all such establishments relating to their industrial activity, type of establishment, type of ownership, sources of finance, number of persons employed, etc. were collected, which will be used for micro level/ decentralized planning and also for undertaking detailed follow up sample surveys to assess contribution of various sectors of the economy.

1.10.8 The following is the time frame for release of data:

- i) Provisional Results released on 30 July 2014;
- ii) State/UT wise Directories of establishments with 10 or more workers to be released by June 2015; and

iii) All India Report to be released by September 2015.

1.10.9 Index of Service Production: The contribution of the services sector to the economy, both in terms of value addition and employment generation is growing over the years. However, there is no short term indicator to measure the dynamics of this vast and heterogeneous sector. To fill this gap, the Government of India has decided to compile the Index of Service Production (ISP) and the task of compilation has been given to the CSO. To provide the requisite technical guidance in the compilation of ISP, a Technical Advisory Committee (TAC) has been constituted under the Chairmanship of Prof. C. P. Chandrasekhar of JNU with members/experts from various organizations.

The test indices have been compiled for the sectors of Railways, Air transport and Postal activities as per the methodology approved by the TAC. Base year for the purpose of compilation of the indices has been taken as 2004-05. The Laspeyere's 'fixed base method' has been adopted in compiling these indices.

ISP for Banking and Insurance Sectors is under finalisation. Two more sub-committees are working towards evolving the indices on Health and Education Sectors.

1.10.10 Energy Statistics: The publication titled "Energy Statistics" is brought out every year by CSO and the "Energy Statistics-2014" (21st edition) is last in the series. The publication contains the latest data available in respect of different energy sources with different agencies/organizations and a brief analysis of the data on reserves, installed capacity, potential for generation,

production, consumption, import, export and wholesale price of different energy commodities as available from the concerned line Ministries of the Government of India. This caters to the needs of the planners, policy makers and researchers by making available the entire energy data at a single place. Analytical indicators viz. Growth Rates, Compound Annual Growth Rates (CAGR), and Percentage Distributions have been provided in relevant tables to increase the utility of the publication. Time series data relating to production, availability, consumption and price indices of major sources of energy in India are presented in this publication.

1.10.11 Infrastructure Statistics: Infrastructure facilities available in any country are regarded as an essential part of assessing its ability to provide economic and social benefits to its people. Growth in infrastructure is thus an important cause of economic growth and is in turn a pre-requisite for continued rapid growth. National Statistical Commission (NSC) indicated six pertinent characteristics for identification of infrastructure sub-sectors, viz. (a) natural monopoly; (b) non-tradability of output; (c) bestowing externalities on society; (d) high-sunk costs or asset specificity; (e) non-rivalness (up to congestion limits) in consumption; and (f) possibility of price exclusion. Based on these characteristics, six sub-sectors viz Transport, Energy, Communication, Irrigation, Drinking Water Supply and Sanitation and Storage have been identified as the infrastructure sectors on which statistical database is needed to be strengthened. So far, three issues of the statistical publication "Infrastructure Statistics" have been brought out by CSO. The statistics included in these publications are grouped under five indicators:

- Access indicators
- Quality indicators
- Fiscal Cost And Revenue Indicators
- Utilization Indicators
- Affordability Indicators

Apart from national level data, state/UT wise data for some key indicators have also been included in the report.

In addition to these publications, a manual has also been prepared giving concepts, classification and definitions of infrastructure statistics. It also highlights the sources and systems of data collection.

Economic and Industrial Classification:

1.10.12 The CSO, as the custodian of National Industrial Classification (NIC, took up the task of evolving a standard industrial classification as early as in 1960 and evolved a Standard Industrial Classification (SIC) in 1962. To mop-up the significant changes in the organization and structure of industries, the CSO revised SIC 1962 in 1970 (NIC –70), NIC-1970 in 1987 (NIC-87), NIC-87 in 1998 (NIC-98), NIC 1998 in 2004 (NIC-2004) and finally NIC-2004 in 2008 (NIC-2008). While undertaking a fresh revision of NIC, the suggestions obtained from various stakeholders have been taken care of to the maximum extent possible. For the purposes of maintaining international comparability of data there exists perfect one-to-one correspondence up to 4-digit level between NIC-2008 and ISIC Rev.4. To meet the requirement of comparability with earlier version i.e. NIC-2004, a concordance table has been prepared and included in the publication of NIC – 2008. CSO has taken

the following initiatives in the recent past on the following economic and industrial classifications:

1.10.13 CSO has developed National Product Classification for Services Sector (NPCS), 2010 covering the areas of constructions & construction services, distributive trade services, accommodation, food and beverage serving services, transport services, electricity, gas and water distribution services, financial and related services, real estate services, rental and leasing services, business and production services, community, social and personal services.

A National Product Classification for Manufacturing Sector (NPCMS), 2011 has been constructed by CSO, IS Wing, Kolkata, based on Sections 0 to 4 of Central Product Classification (CPC), Ver. 2 that relate to products of manufacturing sector and the same has been approved by the Standing Committee on Industrial Statistics (SCIS). From ASI 2010-2011 onwards, the 7-digit code and its description as per NPCMS, 2011 is being used for collecting and recording of all input and output items in ASI schedule and the earlier classification known as ASI Commodity Classification (ASICC) has been discarded.

Training Division (National Statistical Systems Training Academy) of CSO

1.10.14 Overview : National Statistical Systems Training Academy (NSSTA), a premier Institute fostering human resource development in ‘Official Statistics and Related Methodology’ at National and State level is actively engaged in building capacities at international level as well,

particularly amongst developing & SAARC countries. The Academy confronted with the challenge of keeping the statistical workforce abreast with the dynamics of the socio economic environment and technological advances, has been continuously striving not only to develop updated course materials, revise course curriculum etc. but also to implement effective delivery mechanisms by focusing on pedagogy, all encompassed in its focused training strategy directed at both newly inducted as well as in service personnel. The strategy entails conducting of both induction and refresher training through in-house at the NSSTA and outsourced trainings in several reputed and specialized institutions. The programmes cater to the need based training of the statistical personnel working in the Central Government, namely the ISS officers and the SSS officials, whose cadre is managed by the Ministry of Statistics and Programme Implementation (MOSPI) and the statistical officers and officials from State/ UTs Governments in the indentified areas.

1.10.15 CSO is also supporting capacity development of the statistical personnel of neighboring Asian and African countries. This entails conducting as well as organizing request based International and Workshops. NSSTA is also trying to sensitize the potential human resources and to increase the outreach of the products of the Statistical System of India through awareness programmes in Official Statistics both at its campus and at various universities. Besides reaching out to students of various universities, these programmes also include training of faculty from various universities which would in turn act as future trainers at their campuses.

1.10.16 National Statistical Systems Training Academy (NSSTA) at Greater Noida with an office located at the Jeevan Prakash Building, Kasturba Gandhi Marg, New Delhi constitutes the Training Division. The training division is headed by an Additional Director General, supported by 4 DDG level officers, 3 Directors, 1 Joint Director, 2 Deputy Directors, 1 Assistant Director and 5 SO/ SSO's and a few supporting staff and contractual staff.

1.10.17 Facilities: The NSSTA has modern state-of-the-art facilities for training and boarding and lodging for trainees, alongside administration and residential accommodation for faculty and supporting staff. It is situated in a serene environment almost 50 KM away from Delhi, in the midst of an upcoming teaching institutional area, in the NCR region. The NSSTA complex has three well organized building blocks, the centrally air conditioned Academic and Administrative Block, the Hostel Block and the Residential block, surrounded by well maintained landscapes and horticulture.

The facilities available in the Academic and Administrative Block, besides the office space for administrative functions inter-alia include a Conference Hall with a sitting capacity of around 60 persons; a centrally air conditioned Auditorium, namely the "Mahalanobis Auditorium", equipped with all digital sound, light and stage rooms and with a sitting capacity for around 160 persons; five lecture/ training/ seminar halls, fitted with latest computerized teaching aids; a library, namely the Sukhatme Library; IT teaching centre equipped to conduct training of 30 trainees at any point of time, attached with an IT Lab for practicing and Electronic Data Processing (EDP) as well.

NSSTA has boarding and lodging facilities for around 100 trainees at any point in time, housed in 40 Single bedded and 30 double bedded air conditioned rooms. Recreational facilities at the campus include indoor games like Billiard, table tennis etc. & outdoor games like volleyball and badminton. The participants are encouraged to refer to books and Magazines in the **Sukhatme Library**, which is under the intensive process of reorganization through more procurements and implementation of **Libsys**. The library contains certain very old reports of the census, NSSO reports, and Sarvekshana and trade statistics. Only a few houses/ flats constructed in the campus are vacant.

1.10.18 Infrastructure Development: Having become functional, NSSTA has taken steps towards office automation. Necessary hardware like blade servers along with requisite software has been procured and the service of exchange server, firewall etc. have been activated. Development of Web portal of NSSTA along with various automation programs is on completion stage.

1.10.19 Training Programmes Approval Committee (TPAC) A high level committee, the “Training Programmes Approval Committee” (TPAC) under the Chairmanship of DG (CSO) and comprising very senior officers from CSO/ MOSPI and a few outside experts drawn for a tenure of two years from Institutes of National repute assesses and approves the need based training calendar besides reviewing the syllabi, duration and training methodology for all the modules. Most of the courses are conducted at NSSTA while some of the specialized courses

are outsourced to reputed institutes/ organizations in Delhi or outside.

Subjects covered in the various programmes conducted by NSSTA are mainly in the various official statistical system, theoretical and applied statistics, large scale sample surveys, SNA 1993 & 2008, Data Management Techniques, Information Technology, Management, Financial Management, Micro and Macro economics, etc. for the statistical personnel of the country covering induction and refresher training programmes for the cadre of Indian Statistical Service (ISS) officers and officials of the Subordinate Statistical Service (SSS). It also conducts/ organizes customized training courses for statistical officers of State/UT Governments and International participants as well.

1.10.20 Regular Training Schedules at NSSTA The training programmes conducted or organised by NSSTA are as follows:

- (i) One and half year Induction Training of officers of the Indian Statistical Service (ISS);
- (ii) Induction and integrated training programmes for the subordinate statistical service (SSS) officers including training of trainers (TOT) for these courses
- (iii) Refresher Training Course/ Seminars/ workshops for the in-service ISS Officers and senior officers from the states/ UT's, officers/ officials of Central Ministries/ Departments, State/ UT Directorate of Economics & Statistics and other line departments;
- (iv) Request based refresher training programmes for officers from Central/ State/ UTs;

- (v) 3 weeks exposure to official statistical system to M. Stat students of Indian Statistical Institute, Kolkata and other centers;
- (vi) Awareness programmes in official statistics for students and faculty of universities;
- (vii) Internship Programmes for post graduate students of Indian Universities.

1.10.21 International Programmes:

- i) Six Weeks Training on Official Statistics for the 10 month duration International Statistical Education Centre (ISEC) course for the international participants, conducted by ISI, Kolkata;
- ii) International Conferences, Seminars and Workshops on emerging areas of Official Statistics.
- iii) Short term i.e. one-two training programmes and study visits for the statistical personnel/ participants from countries in the SAARC region, ASIA & Pacific, Africa and other countries, conducted at the request of SIAP, UNESCAP, FAO, World Bank or the NSO of the countries.

1.10.22 Specialized Training: For the purpose of specialized training, NSSTA collaborates with various reputed/ specialized Institutes inter-alia ISI, Kolkata, Indian Institutes of Managements (IIM's), IIRS Dehradun; ASCI Hyderabad; Labour Bureau, Shimla; IIPA Delhi; IIPS Mumbai; ISTM Delhi; Delhi School of Economics, Delhi; IASRI Delhi; ISEC, Bangalore etc.

1.10.23 Training of State Statistical Personnel: Trainings are conducted for State Govt. /UTs in certain specified

areas of their interest. Besides these, trainings based on specific requested received from the States and UTs are also conducted.

Social Statistics Division (SSD) of CSO

1.10.24 The Social Statistics Division is entrusted with the responsibility of monitoring of Millennium Development Goals, SAARC Social Charter and SAARC Development Goals, formulation of Environmental Economic Accounting, implementing grant-in-aid component of 'Capacity Development' Scheme for conducting research studies/ Workshops/ Seminars/ Conferences in official/applied statistics, conferring national and international awards for statisticians, prepare and maintain national data bank on Socio Religious categories, implementing the pilot scheme of Basic Statistics for Local Level Development (BSLLD), completion of modalities for Time Use Survey, bringing out regular and adhoc statistical publications and coordination on matters related to Social statistics which inter-alia includes, population, employment, health, education, social justice, gender issues etc. The Division maintains liaison with different national and international agencies and shares expertise, with various organizations in the field of social statistics through Expert Groups and Technical Advisory Committees.

Computer Centre (CC) of CSO

1.10.25 Computer Centre was set up in 1967-68 under the then Department of Statistics in the Cabinet Secretariat to meet the data processing needs of various Government Ministries/Departments/ Organizations and Public Sector Undertakings located in and around Delhi. The Centre has now installed a sophisticated PC-based computer system under Client/Server Architecture using WINDOWS 2000/NT as the operating system and ORACLE 10g as data base software along with software tools Developer and Designer 2000. Presently, the Centre is equipped with SUN (V890) Servers, Wipro server, HCL server and IBM server.

1.10.26 The Centre is in-charge of the website of the Ministry through which substantial dissemination of the official statistics and related information to users takes place. It processes the price data and compiles the CPI for the CSO, imparting trainings on IT related subjects to the participants sponsored by NSSTA, CSO. The software for internal applications of the Ministry for cadre management, APAR management is designed and developed by the Centre.

Computer Centre is the repository of a large amount of micro data collected through various socio-economic surveys, economic censuses, enterprise surveys, price surveys and the annual survey of industries conducted by the NSSO and the CSO which is being disseminated to users.

The Centre has also developed user friendly web portal for Meta Data & Micro Data Dissemination of census and

survey data by adopting an international standard using 'Microdata Management ToolKit' software. These datasets can be exported into different formats like SPSS, SAS, STATA, CSV and delimited text file.

Co-ordination and Publication Division (CAP) of CSO

1.10.27 In the restructuring of Central Statistical Organisation and the part of the Statistics Wing of the Ministry, a Co-ordination and Administration Division (CAD) was created to control and supervise the co-ordination and administration work. However, the NSC and Administration which was required to be part of CAD, could not be linked with CAD. Presently, the Division is named as Coordination & Publication Division (CAP). This Division is headed by an Additional Director General and assisted by three Deputy Director Generals and other officers and staff. This Division is responsible for co-ordination with the Central & State Statistical Organizations and within NSO as also implementation of Centrally Sponsored scheme "India Statistical Strengthening Project-ISSP". Other functions of the Co-ordination and Publication Division include publications and research; co-ordination and planning; dissemination of data to international agencies, implementation of Performance Monitoring and Evaluation System (PMES) as introduced by Cabinet Secretariat with the approval of Hon'ble Prime Minister, and; acting as Nodal Division for all matters concerning Collection of Statistics Act, 2008.

1.10.28 The CAP Division coordinates the formulation of Five Year and Annual Plan activities of the Ministry of Statistics & Programme Implementation and submits it to

the Planning Commission. The Annual Action Plan (AAP) of the Ministry of Statistics and Programme Implementation is prepared by the Division every year at the beginning, and monitored quarterly after obtaining inputs from all the Divisions of the Ministry.

1.10.29 Research and Publication Unit of CAP division is responsible for regularly bring out the following publications:

- India in Figures (IIF)- Annual.
- Statistical Year Book, (SYB), India-Annual.

This Unit is maintaining liaison with International Statistical bodies including the United Nations, IMF, FAO, UNCTAD, World Bank, ILO, SAARCSTAT, BRICS, ADB etc. for dissemination of statistical information.

1.10.30 The Support for Statistical Strengthening (SSS) is a Centrally Sponsored Scheme (CSS) being implemented by the Ministry in the different States/UTs since 2010. It aims at improving the statistical capacity and infrastructure of State Statistical Systems for collecting, compiling and disseminating reliable official statistics for policy planning and a host of other/ varied purposes, particularly at the State and Sub-State levels.

A total of Rs. 650.43 crores has been allocated for the project. It is being currently implemented in 14 States and another 19 States/UTs have expressed their willingness to participate in the project. In the RE for 2014-15 Rs 20 crore has been approved.

In order to address certain implementation issues, a major review of the scheme was done. Allocations made earlier to the currently implementing states were revised and the fund was also allocated to all the willing States/UTs.

1.10.31 The e-book for the Ministry has been uploaded in the web-site of the Ministry on 1st January 2015.

1.10.32 The CAP division keeps liaison with other Central and State Departments/Ministries.

1.10.33 The CAP division organizes Statistics Day and Conference of Central and State Statistical Organisations (COCSSO), wherein the issues relating to statistical system, which are of common interest to Central and State Statistical Organisations are discussed.

1.10.34 The CAP Division has also been entrusted with the responsibility of all matters regarding performance Monitoring & Evaluation System (PMES) introduced by the Cabinet Secretariat from 2009-10, including drafting of Strategic Plan of Ministry; drafting of Annual Results Framework Documents; Compilation of Citizens' Charter of Ministry; etc. The Division also compiles the Outcome Budget of the Ministry and all related matters.

B. National Sample Survey Office (NSSO)

1.10.35 Since its inception in 1950, National Sample Survey Office (NSSO), is responsible for conducting large scale nation-wide sample surveys for generating statistics for bridging the data gaps on varied socio-economic aspects, crucial for planning, policy formulation and

informed decision making. Primary data is collected regularly through nation-wide household surveys. The National Sample Survey Office (NSSO) is headed by the Director General and Chief Executive Officer (DG&CEO). Apart from conducting household surveys, the NSSO provides technical guidance to states in the field of agricultural statistics for conducting crop area and yield estimation surveys under the Improvement of Crop Statistics (ICS) Scheme, undertakes the field work relating to Annual Survey of Industries (ASI) and collects monthly retail prices. NSSO functions under the overall direction of NSC with requisite independence and autonomy in the matter of collection, processing and dissemination of NSS data. It also maintains and updates frame of urban area units for use in sample surveys in urban areas.

1.10.36 The NSSO has four divisions, namely (i) Survey Design and Research Division (SDRD), (ii) Field Operations Division (FOD), (iii) Data Processing Division (DPD) and (iv) Coordination and Publication Division (CPD). Each Division is headed by Additional Director General except the Coordination & Publication Division, which is headed by a Deputy Director General. The Survey Design and Research Division (SDRD) based at Kolkata is responsible for planning of the survey, formulation of concepts, definitions and sample design, designing of schedules of enquiry, preparation of field instructions, data scrutiny instruments and preparation of reports based on survey results. The Field Operations Division (FOD) with its headquarters at Delhi / Faridabad (for Agricultural Wing) has a network of 6 Zonal Offices located at Bangalore, Guwahati, Jaipur, Kolkata, Lucknow and Nagpur, 49 Regional Offices and 118 Sub-Regional Offices

spread throughout the country. FOD is responsible for capacity development of field functionaries and collection of primary data under various socio-economic surveys undertaken by the NSSO and the Ministry. The Data Processing Division (DPD) with its headquarters at Kolkata has Data Processing Centres located at Ahmedabad, Bangalore, Delhi, Giridih, Kolkata and Nagpur. DPD is entrusted with the responsibilities of sample selection, software development, processing and tabulation of data collected under various socio-economic surveys conducted by the NSSO. The Coordination and Publication Division (CPD) located at Delhi acts as the secretariat of the DG&CEO, NSSO. Apart from coordinating the activities of different Divisions of NSSO, the CPD also brings out a technical journal entitled 'Sarvekshana'.

1.10.37 Results of NSSO surveys are brought out in the form of NSS reports. During 2014- 2015 the following reports have been released:

Based on NSS 68th Round on "Household Consumer Expenditure and Employment Unemployment" (July 2011- June 2012)

- (i) Informal Sector and Conditions of Employment in India.
- (ii) Household consumption of various goods and services in India, 2011-12
- (iii) Participation of Women in specified Activities along with Domestic Duties
- (iv) Nutritional Intake in India, 2011-2012

Based on NSS 69th Round on “Drinking Water, Sanitation, Hygiene, Housing Condition including Slums” (July 2012- Dec. 2012)

- (v) Drinking Water, Sanitation, Hygiene and Housing Condition in India’
- (vi) Urban Slums in India, 2012

Based on NSS 70th Round on “Land and livestock holdings, Debt and investment and Situation assessment survey of agricultural households” (January-December, 2013)

- (vii) Key Indicators of Land and Livestock Holdings in India
- (viii) Key Indicators of Debt and Investment in India
- (ix) Key Indicators of Situation of Agricultural Households in India

During the year 2015-16, NSSO plans to make following releases of reports/dissemination of data:

- (i) 7 reports based on 68th round
- (ii) 9 reports based on 70th round and
- (iii) Two reports on key indicators based on the 71st round survey
- (iv) Unit level data of 71st round

The 98th issue of the technical journal entitled “Sarvekshana is under printing, whereas, 99th issue of the journal “Sarvekshana” is under finalization.

1.10.38 At present, the NSS estimates are given at National and State Level due to limitation on size of Central Sample. Increase in sample size on **pooling of Central and State sample data** enables generation of estimates at sub-state level also. A pooling exercise of Central and State sample data for 7 states, namely, Kerala, Odisha, Bihar, Gujarat, Karnataka, Andhra Pradesh and Himachal Pradesh has been successfully completed in respect of “Consumer Expenditure” schedule of NSS 66th round. Based on this experience, a Manual covering all methodological aspects on Pooling Central and State sample data has been released for use of all stakeholders. The manual also contains the sub-district level estimates based on the pooled data of the above 7 states. The pooling exercise would be extended to other States and schedules of other rounds.

1.10.39 NSSO has initiated the work of developing and testing the system of Computer Assisted Personal Interviewing (CAPI) with the technical assistance from the World Bank to replace present system of collection of data through paper schedule with direct data collection by using handheld IT device. The system would have the in-built provision for data processing, data validation, tabulation, analysis, presentation, etc. facilitating further reduction in time lag in release of survey results.

1.10.40 So far, NSSO used to conduct employment-unemployment survey on 5-yearly basis. However, there is a need to have a system for supply of data on labour market at quarterly interval for measuring short-term changes and on annual basis for long-term changes. NSSO has designed a survey called **Periodic Labour Force Survey (PLFS)**, based on rotational sampling scheme. The methodology has been developed and tested based on a two year (July 2011-

June 2013) pilot on PLFS. A Standing Committee on Labour Force Survey has been formed under the Chairmanship of Prof. S P Mukherjee to oversee this survey on continuing basis at all India level.

The Periodic Labour Force Survey (PLFS) for measuring quarterly changes in labour force market is expected to be launched during 2015-16 onwards subject to requisite approvals.

1.10.41 A Working Group on Drug Abuse Survey under the Chairmanship of DG&CEO (NSSO) is in the process of finalizing the sampling design, survey instruments etc for conducting a Pilot survey in two states. Finalization of survey methodology for conducting Survey on Drug Abuse at national level by Ministry of Social Justice and Empowerment would be completed during 2015-16.

1.10.42 NSSO would undertake “Working Class Family Income & Expenditure Survey (WCFI&ES)”. The results of the survey would be utilized for revising the base year of the Consumer Price Index for Industrial Worker.

1.10.43 NSSO has undertaken a methodological study as a part of upcoming NSS 72nd Round for shortening the Consumer Expenditure schedule with the objective to minimize the informants’ fatigue and reluctance, so that better responses can be captured.

1.10.44 The process of achieving ISO 2008:9001 standard in quality of performance has been initiated by standardizing and ensuring quality of service and

production system in Survey Design and Research Division (SDRD) of NSSO.

C. Indian Statistical Service (ISS) and Subordinate Statistical Service (SSS)

1.10.45 The Indian Statistical Service (ISS) was constituted on 1.11.1961, by agglomeration of isolated posts of performing Statistical functions in various Ministries/ Departments of Government of India and operated from 15.2.1964. The Department of Personnel and Training functioned as the Cadre controlling Authority of ISS up to October, 1984 and thereafter, Ministry of Statistics and Programme Implementation has been the Cadre Controlling Authority. The service was conceived as a Group ‘A’ Central Service with the objective of providing an organized cadre to man posts having Statistical functions in various Ministries at the Centre. The Ministry is concerned with all matters pertaining to recruitment, promotion, training, career planning and manpower planning for the “Service”. Day-to-day administrative matters of ISS officers are looked after by the concerned Ministries/Departments in which the officers are posted.

1.10.46 The following programmes in respect of ISS Division have been drawn for 2015-16.

- a) Cadre review of ISS.
- b) Preparation and release of Civil List 2015 of ISS Officers.
- b) c) Promotion to different grades of ISS based on availability of vacancies.
- d) Direct recruitment against entry level vacancies of ISS through UPSC.

1.10.47 The Subordinate Statistical Service (SSS) was constituted on 12th February 2002 as a cadre of qualified personnel with core discipline of Statistics to build crucial statistical database covering various aspects of Indian Economy for planning, policy formulation and to facilitate decision making by the Government. The Subordinate Statistical Service in the Ministry of Statistics & Programme Implementation was operationalized w.e.f.01.04.2004 for proper manpower planning and development of SSS personnel.

The Subordinate Statistical Service is a Group-B Central Civil Service of statistical function posts which constitute feeder cadre for Indian Statistical Service (ISS). It comprises of Senior Statistical Officer (Group-B Gazetted) having Grade Pay of Rs.4600 and Junior Statistical Officer (Group-B Non-Gazetted) having Grade Pay of Rs.4200 in Pay Band-2: Rs.9300-34800.

Ministry of Statistics & Programme Implementation is the Cadre Controlling Authority of Subordinate Statistical Service and concerned with all matters pertaining to the service including recruitment, promotion, training, career and manpower planning, etc. However, day-to-day administrative matters of SSS officers are dealt with by the Ministries/Departments/Organizations in which these officers are posted.

The SSS Recruitment Rules, 2013 provide for 90% of the posts of Junior Statistical Officer to be filled up by direct recruitment through open competitive examination viz. Combined Graduate Level Examination (CGLE) conducted annually by the Staff Selection Commission while 10% by

promotion from the feeder post holders. There is no direct recruitment at the level of SSO of the service. The following quantified activities will be undertaken by SSS Division in the area of Capacity development for the year 2015-16.

- (i) Recruitment to the post of Jr. Statistical Officer (JSO) selected through SSC against CGLE 2013.
- (ii) MACP to all eligible SSS incumbents.
- (iii) Civil List of SSS 2015.
- (iv) Confirmation of appointment/termination of probation of Jr. Statistical Officer.

D. Administration Division

1.10.48 The functions of Administration Division cover establishment, administration and human resources development. The following activities were undertaken by the Division during 2014-15:-

- (i) Renovation & Modernization of office space in 8th & 9th floor, J.P.Building for NAD, PCL, ESD and NSSTA(camp office).
- (ii) Renovation & Modernization of office space of SP Bhawan.

II. Programme Implementation Wing

1.10.49 The Programme Implementation wing has three Divisions viz., Twenty Point Programme Division; Infrastructure and Project Monitoring Division; and Member of Parliament Local Area Development Division.

1.10.50 Twenty Point Programme Division

Functions and Major Highlights:

The monitoring mechanism for restructured Twenty Point Programme-2006 became operational with effect from 1st April, 2007. Based on the information received from State/Union Territory Governments and Central Nodal Ministries on the performance of 20 monthly monitored items, a Progress Report was being released and hoisted on the Web Site of the Ministry. From September 2014, onwards the information received from State/Union Territory Governments and Central Nodal Ministries on 20 monitored items, the Progress Reports are now being released on Quarterly basis in digital form. (pdf form). Progress Reports for the period April 2014 – September 2014 have been released till December, 2014. Annual Review Report 2012-13 has also been released covering all items of TPP-2006. Annual Report 2013-14 is under preparation.

The Twenty Point Programme Division undertakes the following functions:-

- Monitoring the implementation of Twenty Point Programme – 2006, which is a package of schemes relating to poverty alleviation, employment generation, education, health etc.
- The Ministry has been mandated to conduct monitoring and impact assessment studies for selected items at State and National level to evaluate the performance and impact of TPP – 2006.
- State visits by senior officers to assess the implementation of TPP in the States/UTs. This however has been kept at abeyance for the time being.

- Organising National level TPP review meetings and workshops. This has also been kept at abeyance for the time being.
- Publicity to the performance of TPP through Print & Visual Media.

1.10.51 Infrastructure and Project Monitoring Division (IPMD)

The Infrastructure & Project Monitoring Division (IPMD) is the project management arm and apex monitoring institution of the Government of India. It performs the following roles –

- monitoring of the implementation of central sector infrastructure projects and infrastructure performance,
- an initiator of systemic improvements and of better project management practices and
- a facilitator in taking up issues with the relevant authorities in case of individual projects.

1.10.51.1 Project Monitoring: IPMD is mandated with monitoring of central sector projects costing more than Rs. 150 crore in 13 sectors. The IPMD acts as an independent watchdog and a monitor flagging slow/wayward projects.

1.10.51.2 The monitoring of the implementation of the central sector projects above Rs.150 crore is done through the mechanism of Online Computerized Monitoring System (OCMS), in which the public sector undertakings are required to furnish information. From the information compiled from the OCMS, three Reports, namely, Flash Report on Central Sector Projects (Rs. 150 crore and above), and a Flash Report on Mega projects (costing more

than Rs.1000 crore), is brought out every month. Also, a detailed Quarterly Project Implementation Status Report, is brought out every quarter.

1.10.51.2 Infrastructure Performance Monitoring: In regard to the infrastructure monitoring, the Ministry takes stock of the performance of 11 key infrastructure sectors which include Power, Coal, Steel, Railways, Shipping & Ports, Cement, Fertilizers, Petroleum & Natural Gas, Civil Aviation, Roads, and Telecommunication with reference to the pre-set targets for the month and for the cumulative period and the achievements during the corresponding month and cumulative period for the last year, is regularly reported through the two monthly reports, namely Review Report on Infrastructure Performance and Capsule Report on Infrastructure Performance.

1.10.51.3 Systemic Improvement Role

One of the important contributions of the IPMD has been bringing in systemic improvements, to facilitate better implementation of projects, from time to time.

A major recent initiative is advising all states to set up a Central Sector Project Co-ordination Committee (CSPCC) under the Chief Secretaries of States/UT to resolve project related problems of PSUs with State Agencies and to improve coordination at the State level.

1.10.51.4 Contribution to Project Management: The larger vision of IPMD is to facilitate the permeation of the better project management practices and inculcation of the project management approach in the execution of infrastructural projects. Towards this endeavour, a Project Implementation Manual, providing the latest procedures and guidelines and prescribing a detailed check-list for

implementation of projects, was released. Training courses on project management for project managers of PSUs, etc are undertaken by the IPMD from time to time. From January, 2011 training for PSUs is being organized at National Academy of Statistical Administration, Greater Noida. The Division also supports other initiatives on conducting courses/seminars/workshops on Project Management.

1.10.51.5 Facilitator of taking up issues/resolving issues of project authorities: The IPMD offers its comments and observations with regard to various aspects of project implementation/clearance, when the comments are sought by the respective administrative Ministries/Ministry of Finance etc. at the time of clearance of projects, in the EFC/PIB/Cabinet Note stages. Further, MOSPI also covers delayed projects through site visits and takes up the relevant issues of these projects with the concerned authorities. Time and cost overruns in projects, shortfall in performance etc. and various remedial measures to be adopted/suggestions, are given from time to time in various fora, such as Standing Committees on Time and Cost Overruns, Quarterly Progress Review Meetings, MOU meetings of different PSUs, etc.

1.10.52 Member of Parliament Local area Development Scheme Division (MPLADS)

The Functions of the MPLADS Division are:

- (i) To monitor the implementation of the MPLAD Scheme.
- (ii) Release of Grants-in-aid for the MPLAD Scheme.
- (iii) To take policy decisions & formulate guidelines for the scheme

The highlights of performance during 2013-14 were :

- Upto 31.12.2014, an amount of Rs.35164.75 crore has been released since the inception of the scheme.
- An expenditure of Rs.31658.55 crore has been incurred under the scheme upto 31.12.2014.As reported by the districts, the percentage utilization over release being 90.03.
- An amount of Rs. 2507.5 crore was released and an expenditure of Rs.1920.37 crore has been incurred upto 31st December 2014.
- Improved utilization of funds:- Percentage of utilization over release has increased from 82.2 as on 31.03.2004 to 90.03 as on 31.12.2014
- Faster completion of works:- Percentage of works completed to sanctioned has increased from 80.1 as on 31.3.2004 to 90.2 as on 31.12.2014
- An Important new initiative of direct physical monitoring of sample of completed MPLADS works in the districts has been started from the year 2007-08. Thirty (30) districts in the 1st phase (2007-08), 43 districts in the 2nd phase (2008-09), 60 districts in the 3rd phase (2009-10) and 75 districts in the 4th phase (2010-11) were taken up all over the country for physical monitoring. This task had been assigned to NABARD Consultancy Services. With effect from 2012-13 the work of physical monitoring was entrusted to Agricultural Finance Corporation (AFC) which had

conducted physical monitoring of 100 Districts in North & West Zones during the year 2012-13.

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2015-16

Sl. No .	Name of Scheme/ Programme	Objective/ Outcomes	Outlay 2015-16 (Rs. In Crores)			Quantifiable Deliverables / Physical Outputs	Projected Outcomes	Processes/ Timelines	Remarks/Risk Factors
			NP *	P*	CEB R*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
National Statistics Office (Statistics Wing)									
1.	Support for Statistical Strengthening (SSS)								
1.1	Support for Statistical Strengthening Scheme (SSSP)	To strengthen the capacity of the Indian Statistical System specifically the State Statistical system to provide reliable, timely and credible socio-economic statistics.				<p>Technical assistance to the currently participating/new States/UTs for the implementation of State Strategic Statistical Plans (SSSPs)</p> <p>Finalization, approval and signing of MOUs for the remaining/new willing States/UTs.</p> <p>Release of funds to the already implementing as well as new States/UTs.</p>	<p>i)Improvement of Statistical Infrastructure, method of collection, processing and dissemination of core statistics and capacity development of Statistical personnel.</p> <p>ii)Implementati on of the SSSPs as per the prescribed norms and the MOUs signed.</p>	<p>Project period. Year-wise activity plans as spelt out in the States/UT-specific MoUs/ revised MoUs.</p>	<p>Timely approvals/ concurrence by the currently implementing States to the revised allocations and approval of allocations by the new States/UTs.</p> <p>Subject to availability of required funds during the Financial Year 2015-16.</p>

(*)-- NP = Non-Plan, P = Plan, CEBR= Complementary Extra-budgetary Resources

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
2.	Capacity Development								
2.1	National Accounts Statistics	Compilation of different macro-economic aggregates				Timely release of the following: i) Quarterly GDP estimates ii) First revised estimates of National Income, 2014-15. iii) Advance estimates of National Income, 2015-16 iv) Publication: National Accounts Statistics, 2015 (NAS 2015)	Making available macroeconomic indicators to all the stakeholders according to a pre specified well publicised Advance Release Calendar.		
		Training to State Govt. officials for compilation of different macro-				Organising four Regional Workshops for the officials of State Directorate of Economics and	Improvement in the quality of State Income through enhanced		

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		economic aggregates				Statistics	coverage of local bodies.		
		Alignment of the State Domestic Product of different States/UTs with the National Accounts Statistics (with B.Y. 2011-12)				Preparation of comparable estimates of State Domestic Product for the years 2011-12 to 2013-14 as per the new series of national accounts with base year 2011-12	Ensuring comparability between state and national level estimates.		
2.2	Development of Consumer Price Index (CPI) series separately for Rural, Urban and Combined at State/UT and All	To provide a comprehensive measure of CPI based inflation for policy purposes				Release of monthly Consumer Price Indices for rural and urban areas and centers, i.e. CPI(Rural), CPI(Urban) and CPI(Combined), at base 2012=100, for all India as well as	To release the indices on specified dates.	Compilation and Release of indices by 12 th day of the following month, if it is working day, else, next working	Subject to timely uploading of data by Department of Posts in case of CPI(Rural) and NSSO(FOD) in case of CPI(Urban)

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
	India levels.					State/UT level.		day.	
2.3	Development of Social, Environment and Allied sector	Improvement in quality, coverage and timeliness of various Social, Environment and Allied Statistics				Bringing out the following publications i)Women and Men in India 2015 ii)SAARC Development Goals- India Country Report 2015 iii)Factsheet / Country Report on monitoring Millennium Development Goals 2016	Data for outcome/process indicators available for monitoring and evaluating purposes	Ongoing Activity	Timely receipt of data from various central Ministries/ Departments/ Organizations

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2015-16

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						iv)Compendium of Environment Statistics 2015 v)Statistics related to Climate Change-India 2015			
						vi)Funding of research studies/projects to bridge the data gaps in official statistics	Research Inputs for advancement of Statistical Practices	Ongoing Activity	
						vii)Awards for meritorious/outstanding work in the field of statistics and grants for travel for presenting papers in international conferences	Enhancement of technical capacity drive for excellence	Ongoing Activity	

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			NP *	P*	CEB R*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						viii) Conducting of All India Time Use Survey	a) Preparation of survey design by the Group of Officers for TUS b) Preparation of schedules for fields canvassing and finalization of National Classification of Activities for Time Use Survey (NCATUS) by the Group of Officers c) Submission of note	June 2015 September 2015 September 2015	Subject to the approval of NSC and Ministry for the activities (c) to (f)

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2015-16

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
							<p>containing the recommendations / suggestions, given by the Group of Officers, to National Statistical Commission (NSC) for consideration.</p> <p>d) Identifying the agency by Group of Officers for conduction of TUS</p> <p>e) Submission of proposal</p>	<p>December 2015</p> <p>March 2016</p>	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2015-16

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
							to Ministry for conduction of Time Use Survey f) Pilot testing of schedule/NCAT US in field through FOD, NSSO	March 2016	
2.4	National Statistical Systems Training Academy (NSSTA)	To Provide in-house facility of high quality of training to Central and State /UTs officers/officials and trainees from abroad under national/ international cooperation with various countries and intgernational				1.Conducting National/Sub-national/International Training Courses	Induction course for officers of ISS, SSS officials & JTS – 14 Nos.(3+10+1), Refresher courses for ISS officers & SSS officers –20 Nos., State training	During 2015-16	Subject to deputing of officials by Line Ministries/Departments/State Governments

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Sl. No.	Name of Scheme/ Programme	Objective/ Outcomes	Outlay 2015-16 (Rs. In Crores)			Quantifiable Deliverables / Physical Outputs	Projected Outcomes	Processes/ Timelines	Remarks/Risk Factors
			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		agencies.				<p>2.Awareness programs/M. Stat.</p> <p>3.Implementation of Internship scheme</p> <p>4.Establishing infrastructure IT</p>	<p>programmes –6 Nos., ISEC-1 No.,SAARC –2 Nos., UNSIAP-2 Nos., Workshop on Official Statistics-3 Nos.</p> <p>3 Nos.</p> <p>Awarding internship to more than 210 candidates</p> <p>Procurement of software and hardware</p>	-do-	<p>Subject to adequate nominations from Universities.</p> <p>Subject to receipt of requisite eligible proposals</p> <p>Subject to availability of adequate resources</p>

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Sl. No .	Name of Scheme/ Programme	Objective/ Outcomes	Outlay 2015-16 (Rs. In Crores)			Quantifiable Deliverables / Physical Outputs	Projected Outcomes	Processes/ Timelines	Remarks/Risk Factors
			NP *	P*	CEB R*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						5.Setting up of Sukhatme Library	Computerization & procurement of more books/journals.		Subject to availability of adequate resources
						6.Operationalizing Gym Centre	Procurement/ installation of Gym equipments, flooring and furnishing		Subject to availability of adequate resources
						7.Training of trainers for state/UT officials	Conducting two programmes with State Governments		Subject to availability of adequate resources
						8.Preparation of Manuals on core statistics subjects	Preparation of manuals on two core statistical subjects		

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
2.5	Improve-ment of Economic Statistics	To provide Index of Industrial Production (IIP) for policy purposes.				(i) Monthly release of all –India IIP	To make available Index to planners and policy makers for the months of February 2015 to January 2016.	2015-16	--
						(ii)Base year revision of IIP from current base 2004-05	To switch over to a new base year for the purpose of monthly IIP to 2011-12 from current base year 2004-05, to more accurately reflect the current scenario of Industry in India		Working out trial indices and approvals from Committee of Secretaries for rolling out new series
		ASI data processing and dissemination				(i) Publications of ASI 2013-14 (Provisional and Final)		Apr'15 -Mar'16	Subject to timely receipt of filled-in schedules and smooth functioning of web portal.
						(ii) Finalization of State wise sampling frame and sample selection for ASI 2014-15		August15 – Sept'15	

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			NP *	P*	CEB R*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						(iii) Updation and rationalization of NPC-MS 2011		Apr'15-Mar'16	Revision will be done as per guidelines of SCIS and feedback from FOD.
						(iv) Workshop on ASI with State DESs etc.	AITOT for State govts.	April'15 – March' 16	
		Assistance to defaulter states for computation of state IIP				Review Workshop for State IIP.	Review workshop.	April'15 - March'16	
		Extension of ASI Web-Portal for State DES				(i) Beginning of data processing for online data capturing and data processing.		(i) April'15 - March'16	.(i) Based on willingness of States/ UTs for adoption of web-portal.
						(ii) Training to DESs.			(ii) Training by NIC/SIFY.
		5. Analytical				(i) National Seminar on ASI		(i) Sept/Oct' 15	

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		Studies of ASI				(ii) Publication of Journal of Industrial Statistics	Vol. IV no. 2 Vol. V no. 1	(ii) Sept, '15 & March'16	
		6. Annual Survey of Services Sector				Launching of regular ASSS in the country.		April'15- March'16	Subject to necessary approvals and availability of budget.
		7. To make available Infrastructure Statistics for policy purposes				(i) To release the fourth issue of statistical publication "Infrastructure Statistics". (ii) To revise the manual on infrastructure statistics incorporating international practices.	(i) To ensure regular flow of data on infrastructure for better policy decisions. (ii) To strengthen the data availability on infrastructure sectors.	(i)June, 2015 (ii)Oct., 2015	
		8.To make available Energy Statistics for				8. To bring out the publication on Energy Statistics, 2016.	8. To make available Energy Statistics at one place for planning and policy formulation.	March, 2016	

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		policy purposes							
		9.Compilation of Index of Service Production(IS P)				To evolve methodology of ISP and to explore data availability from different sources for Insurance, Health & Education Sectors.	9.Sub-committee on ISP for Insurance Sector is in process of finalizing the report. For Health & Education Sectors, Sub-committees have been formed and they are deliberating on the data availability as well as on the methodology.	December,2015	
2.6	Coordination with Central and States Statistical Organizations	Co-ordination with the Central & State Statistical Organizations and within NSO				Organize Conference of Central and State Statistical Organisations (COCSSO).	Address the issues relating to statistical system, which are of common interest to Central and State Statistical Organizations.	April 2015-March 2016	

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			NP *	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		Create awareness about the role and importance of statistics in socio-economic planning and policy formulation				Organize Statistics Day on 29th June every year to mark the birth anniversary of late Professor P.C. Mahalanobis, in recognition of the contribution made by him in the fields of Economic Planning and Statistics all over the country,	To create mass attention and public awareness towards the role of Statistics in Planning and Policy Formulation, and also to take up one “theme” every year for concerted efforts towards it.	29 th June, 2015	

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
National Sample Survey Office (NSSO)									
2.7	Strengthening and enhancing the field survey capabilities of NSSO	Getting new accommodation for field offices.				Purchase of land/construction of accommodation for field offices.	Better working environment and infrastructure in the field offices of NSSO.	On-going activity	
		Upgrading Information Technology in NSSO				1. ROs / SROs would be strengthened with requisite hardware / software for e-governance. 2. Introduction of data collection directly by using IT device	Improved quality of data, reduction in processing time, quick data transmission and better information system.	2015-16	
		Increased awareness in public and respondents about NSSO surveys.				Publicity of survey and its results through newspapers and other modes of advertisement including electronic media.	Sensitization for improvement in response standard.	On-going activity	

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		Strengthening of human resources development system of NSSO				Strengthening of Training facilities in Zonal Centers of FOD.	To enhance capacity of field staff and officers.	On-going activity	
		Redefining the jurisdiction of field offices, reallocation of human resources and strengthening of survey management system.				i) Opening new ROs in North- Eastern States. ii) The reorganization of field offices.	Optimization of resources through judicious deployment.	On-going activity	
		Undertaking New Surveys.				(i) Launching nation-wide Periodic Labour Force Survey(PLFS) with the primary objective to measure the dynamics in Labour Force Participation and employment status in the short interval of three months.	(i) Estimation of labour force indicators viz. Worker Population Ratio (WPR), Labour Force Participation Rate (LFPR) and Unemployment Rate (UR) on quarterly basis.	Expected to start in 2015-16 and will continue thereafter on quarterly basis. 2015-16	

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1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						(ii) Conducting 'Working Class Family Income & Expenditure Survey' (WCFI&ES). (iii) Other New surveys will be undertaken according to the requirement of other Ministries/Department subject to provision of additional staff.	(ii) Requisite data on Income and Expenditure and House Rent of industrial workers for the revision of base year of CPI (IW). (iii) To fulfill upcoming data demand.	On-going Activity.	
		Collection of data on Socio Economic subjects.				(i) Completion of the NSS 72 nd Round of Socio-Economic Survey on "Domestic Tourism Expenditure" and 'Household Expenditure on	(i) & (ii): To generate required	By June, 2015	

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						Services and Durable Goods'' (July, 2014-June, 2015). (ii) Undertaking NSS 73 rd Round on the subjects 'Unincorporated Non-agricultural Enterprises in Manufacturing, Trade and other services (excluding Construction) (July, 2015 - June, 2016.	/updated data.	July, 2015 - June, 2016.	
		Experimenting the use of modern IT gadget in data collection of Socio-Economic Survey through computer guided mechanism and to reduce the time lag in data transmission.				Experimentation has been done on PLFS schedule using Computer Assisted Personal Interviewing (CAPI) software developed by World Bank	Report on the feasibility of the Pilot experiment to facilitate selection and development of required software		

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		Collection of data on Industry, Agriculture, Price etc.							
						Annual Survey of Industries (ASI) for 2013-14 would be completed and ASI for 2014-15 would be taken up.	Availability of required/ updated data	On-going Activity	
						Area Enumeration in selected villages and Crop Cutting experiments for selected crops under Improvement of Crop Statistics.		On-going Activity	
						Price Collection work for generation of various indices will continue.		On-going Activity	

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						Formation/updation of roughly 1,60,000 UFS blocks, will be completed.		On-going Activity	
2.8	Strengthening of Data Processing Capabilities of NSSO and reducing of time-lag in release of survey reports	Processing of data of the surveys undertaken in DP Centres				Data Entry/processing/ tabulation of NSS 72 nd & 73 rd Round schedules	Timely release of reports and dissemination of requisite data	2015-2016	
		Strengthening of States' Assistance Unit for new items of work such as pooling , enhancing States' capacity for data processing to enable the States to generate sub-state level estimates to facilitate decentralized planning.				(i) One tabulation workshop (ii) One data pooling workshop (iii) Software to be distributed to major States/UTs	Generation of states and sub-state level estimates by the States/UTs	2015-16	DPD's role is limited to provide technical assistance. The actual output will be produced by the respective State DES.

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		Opening of a Data processing Centre in the North-Eastern Region as long term plan, and setting up of a North-Eastern States Assistance Cell to strengthen data processing capacity in North - Eastern Region and improve the quality of data				Creation of a NE States Assistance cell will be initiated	Enhanced data processing capability and improved quality of data for the NE states.	2015-16	This is subject to creation of proposed posts for this purpose and availability of required budget allocation in the 12th Five Year Plan.
		Creation of additional Data Processing Facility for new survey, namely, Periodic Labour Force Survey				Data processing and analysis for the PLFS	Generation of Quarterly Labour Market indicators of Indian economy	2015-16	This is subject to creation of the proposed posts

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1	2	3	4(a)	4(b)	4(c)	5	6	7	8
2.9	Strengthening of Survey, Design & Research Capability of NSSO.	<p>Improved efficacy of subject-specific survey designing, with backup of analyzed knowledge of previously used techniques.</p> <p>Creation / Updation of Socio-Economic Database for Informed Decision, Planning, Programme Implementation / Appraisal, Research etc. at National/ State/ Regional Level Ensuring Efficient Use of National Resources.</p>				<p>NSS 68th Round (Quinquennial survey on Consumer Expenditure and Employment-Unemployment)</p> <p><u>Sch. 1.0</u> Finalization of three reports</p> <p><u>Sch. 10</u> Finalization of three reports</p>	Availability of updated estimates.	2015-16	

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						<u>NSS 70th Round</u> Survey on (i) “Debt and Investment (ii) Land & Livestock Holdings (iii) Situation Assessment Survey of Agricultural Households: <u>Sch. 18.1</u> Finalization of two reports <u>Sch. 18.2</u> Finalization of four reports <u>Sch. 33</u> Finalization of three reports	Availability of updated estimates	2015-16	
						<u>NSS 71st Round</u> (Survey on ‘Health’ and ‘Education’) (1) Multiplier finalization and table	Availability of updated estimates	2015-16	

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						checking (2) Finalisation of key Indicators on (1) Health, 2014 and (2) Education, 2014. <u>NSS 72nd Round</u> Survey on Domestic Tourism Expenditure and Household consumption of durable goods and services	Finalisation of tabulation plan and data processing work	2015-16	
						Other Initiatives: (a) Publicity & Dissemination of NSS Reports. (b) e-Governance & Automation of Office Procedure. (c) Methodological and	(a) Extensive use of NSS data by the Stakeholders (b) Improving the quantity and quality of the deliverables	On-going Activity On-going Activity	

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
						Research Studies: (1) Final report on “Shortening of Consumer Expenditure schedule to improve the quality of data”. (2) Preparation of a “Master sample”.		On-going Activity	
						Publication of journal “Sarvekshana” A. Printing and distribution of 98th Issue B. Finalisation of 99th Issue	For easy access of Survey results conducted by NSSO to all the users and survey findings in a summarized form in a single journal Extensive use of NSS data by the Stakeholders.		
2.10	Grants-in-aid to N. E. States and Sikkim for carrying out NSS Survey work in N.E.	Improved socio-economic database for N.E. States.				Disaggregated data for each of the N.E. States and Sikkim	Collection of data for estimation of socio-economic indicators in respect of NE states in 72nd and	2015-16	

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1	2	3	4(a)	4(b)	4(c)	5	6	7	8
	Region.						73rd rounds of NSS		
Sl. No.	Name of Scheme/ Programme	Objective/ Outcomes	Outlay 2015-16 (Rs. In Crores)			Quantifiable Deliverables / Physical Outputs	Projected Outcomes	Processes/ Timelines	Remarks/Risk Factors
			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
2.11	Strengthening of Computer Centre)	Data Archiving and Data Dissemination				i)Create a repository of metadata documentaion by including unit level data from States/Uts and other Ministries ii)Preparation/Publicati on of CD-ROM for e-publication iii)Dissemination of NSS, ASI, & EC data to National/ International users			

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		Web Site				Redesigning and hosting a new web site for Ministry with user friendly features and GIGW			
		Setting up of Data Centre				Improve Data enter infrastructure and work on developing a new Modular Portable and Scalable Data Centre subject to final decision on relocation.			
		Implementation of IPv6 Policy in the Ministry				i) Deployment of IPv6 in MOSPI ii)Implementation of National Cyber Security Policy -2013 in MOSPI iii)Procurement of IPv6 ready Systems and associated Software in place of Non-Ipv6 Compliance outdated			

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		Data dissemination				Dissemination of NSS, ASI, & EC data to National/ International users			As per request received from the users
		Tabulation of Sixth Economic Census				i)Processing and Tabulation of EC data for all States/Uts ii)Develop a web enabled data warehouse for Economic Census that provide dashboard, user defined dynamic tables			
		National Spatial Data Infrastructure (NSDI)				Pilot project on development of web enabled integration of geo-spatial and socio - economic data for NSDI node			

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		Compilation and Data processing for CPI Index				i)Production of CPI for Rural, Urban and Combined at State/UT level and for All India ii)Development of software for the new CPI with revised base year.			
		Training				Organizing training programmes on IT topics and Data analysis for officers/officials sponsored by NSSTA			
3	Economic Census	To make available: i) Basic village/town /establishment level data for the purpose of planning/development especially for the unorganized sector				<ul style="list-style-type: none"> Finalization & release of State level Reports. Stocktaking of accounts and its reconciliation. 		March,2016	

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	7	8
		of the Economy. ii) Generate an updated frame of establishments.							

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
4.	Grant-in-Aid to Indian Statistical Institute	Scholastic facilities for top class education and research in the field of statistics				<p>Research Studies, Seminars, Workshops, Conferences, Training Courses and regular Graduation and PG level courses.</p> <p>Office equipment, computers etc.</p> <p>Book, Journals for Library.</p> <p>Construction and Renovation of Building/ Campus</p>	<p>An institute of excellence in research, training and teaching in the field of statistics and related subjects.</p>	2015-16	

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
II. Programme Implementation Wing									
5.	Programme Implementation								
5.1	Infrastructure and Project Monitoring	Monitoring of Central Sector Projects Costing Rs.150 crore and above on time and cost over-runs.				<p>To bring out the following reports:</p> <p>(1) 12 Flash Reports on Central Sector Projects costing Rs. 150 crore & above</p> <p>2) 12 Flash Reports on Central Sector Projects costing Rs. 1000 crore and above</p> <p>3) 4 QPSIRS on Central Sector Projects costing Rs. 150 crore & above</p> <p>4) 4 QPSIRS on Mega Projects costing Rs. 1000 crore &</p>	<p>To flag the issues before the administrative Ministries for taking remedial measures for completing the projects within originally approved cost and time.</p> <p>To understand ground realities and programmes of intricate nature to facilitate their resolution.</p>	<p>Continuing activity</p> <p>Continuing activity</p>	Availability of the data from the concerned Ministries / Project Authorities

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CHAPTER - II

PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2015-16

Sl. No.	Name of Scheme/ Programme	Objective/ Outcomes	Outlay 2015-16 (Rs. In Crores)			Quantifiable Deliverables / Physical Outputs	Projected Outcomes	Processes/ Timelines	Remarks/Risk Factors
			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
						above 5) 12 Project Implementation Overview 5) Visit to 08-10 selected projects.			
		Monitor Infrastructure performance in 11 key Sectors				1) 12 Review Reports (Monthly) on the performance of infrastructure Sectors 2) 12 Capsule Reports (Monthly) on the performance of infrastructure Sectors 3) Visit to identify sector specific problems (once at least)	To bring to the notice of Cabinet Secretariat, Planning Commission and Ministries to take remedial measures to make up shortfalls and remove constraints and improve capacity utilization. To facilitate better performance evaluation.	Continuing activities	Timely availability of data from the concerned Ministries/ Project Authorities.
		Institutional				1) Conducting	1) 4 workshops	Continuing activity	Timely availability

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
		development and capacity building in project implementation to improve the quality of project formulation, appraisal, implementation and to improve quality of report and decision making				training/ workshops at National Statistical Systems Training Academy (NSSTA), Gr, NOIDA (U.P.) or in the States. 2) OCMS for quality information flow.	covering 100 and more participants This will improve quality of project management in Central PSUs and Government. 2) Improve online flow of information.		of data from the concerned Ministries/ Project Authorities.
5.2	Twenty Point Programme- 2006.	To conduct a National Level TPP-2006 Review meeting with State/UT Planning				One meeting at National Level with State/UT Planning Secretaries and Central Nodal Ministries.	To discuss the problems with State/UT,s and Central Nodal Ministries in implementation of Programmes and schemes covered under TPP and share their		

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
		Secretaries and Central Nodal Ministries					experiences and to provide valuable input for improving the performance of TPP.		
		Publicity to the achievements made under TPP				One National Level and one or two at regional level advertisements.	Publicity will create awareness about the programme leading to better implementation of TPP.	Govt agencies will be involved in the designing and printing or broadcasting of the advertisement.	
6.	Member of Parliament Local Area Development Scheme (MPLADS)	The Scheme envisages creation of fixed and durable community assets, to address locally felt developmental needs				Release of funds to Districts Authorities for taking up projects recommendation by the Members of Parliament	Creation of durable public Assets based on the locally felt needs and national priorities.		

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
Other Major Activities under Non-Plan									
A. Central Statistics Office (CSO)									
A1	National Statistical Commission								A separate report would be laid before Parliament
A2	Research and Publication	<i>i) To collect, compile and update socio-economic data on various aspects. ii)Disseminating the Statistical Information through a number of regular publications</i>				Publications: i) Statistical Year Book, India -2016 issue ii) India in Figures- A Ready Reference ,2015 issue	Availability of data on various socio-economic indicators of Indian Economy for informed decision making and policy formulation.	Continuous Activity Continuous Activity	

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
		<i>and dissemination of data, on request, to various National and International Agencies.</i>							
A2	Indian Statistical Service	Cadre Management of officers of Indian statistical Service.				1. Recruitment: Recruitment at the entry grade i.e., Junior Time Scale through UPSC Examination and promotion from the feeder grade i.e., Subordinate Statistical Service 2. Promotion: Proposals for promotion will be processed for SSS to	About 100	2015-16	

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
						<p>JTS, JTS to STS, STS to JAG, JAG to SAG, SAG to HAG and HAG to HAG+</p> <p>3. NFU: To consider and grant financial upgradation under NFU</p> <p>4. Seniority: Preparation and finalization of seniority list of all grades</p> <p>5. Civil List: Preparation and finalization of Civil List of ISS, 2015</p> <p>6. Confirmation: Confirmation of ISS after successful completion of</p>	<p>About 120</p> <p>25</p> <p>6 lists</p> <p>About 230 pages</p> <p>About 20 officers</p>	<p>2015-16</p> <p>2015-16</p> <p>2015-16</p> <p>2015-16</p> <p>2015-16</p>	

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			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
						probation of newly recruited JTS officers 7. Cadre Review of ISS: Finalization of cadre review proposal of ISS 8. Amendment to RRs: After implementation of cadre review of ISS, necessary modification in the RR will be carried out.	The cadre structure will be revised 1 RR	2015-16 2015-16	
A3	House Keeping, Establishment and Administration related					Smooth running of the Ministry	Continuous activity		
						Modernisation of Room No. 204-A (NIC), 204-B, 429 and 224 of SP Bhawan			

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			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
	to the objective					Fixure for new Office accommodation at GPOA Shahdra			
A4	Strengthening of Subordinate Statistical Service Cadre	Development of a computerized data base of SSS Officers for the purpose of manpower planning including recruitments, promotions, transfers, etc as also on the Court cases concerning SSS service.	Nil	Nil		1. Recruitment. Making recruitment of JSO through SSC and Feeder grades. 2. Promotions. To consider regular promotions from JSO to SSO. 3. ACP/MACP Scheme. To consider and grant of financial up gradation under MACPS as per eligibility. 4. Seniority Lists. Preparation of	About 700 About 1500 Around 1500 2 Lists	2015-16 2015-16 More than one occasion 2015-16	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2015-16

Sl. No.	Name of Scheme/ Programme	Objective/ Outcomes	Outlay 2015-16 (Rs. In Crores)			Quantifiable Deliverables / Physical Outputs	Projected Outcomes	Processes/ Timelines	Remarks/Risk Factors
			NP*	P*	CEBR *				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
						<p>Seniority lists of SSO and JSO and displaying the same on SSS web site.</p> <p>5. Amendment to RRs. After 6th Central Pay Commission recommendation, new RRs have been framed and notified.</p> <p>6. Civil List. Preparation of Civil List and to make it available Online and distribution of softcopies in CDs.</p> <p>7. Confirmation. To consider cases for confirmation after</p>	<p>Amendments in SSS RR's as and when required</p>	<p>2015-16</p> <p>2015-16</p> <p>2015-16</p>	<p>Under Process</p> <p>Under Process</p>

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Sl. No.	Name of Scheme/ Programme	Objective/ Outcomes	Outlay 2015-16 (Rs. In Crores)			Quantifiable Deliverables / Physical Outputs	Projected Outcomes	Processes/ Timelines	Remarks/Risk Factors
			NP*	P*	CEBR*				
1	2	3	4(a)	4(b)	4(c)	5	6	1	2
						<p>successful completion of probation of newly recruited JSO.</p> <p>8. Encadrement. To undertake new encadrement proposals with or without incumbents into SSS service.</p>	<p>As per requisition received from other participating ministries of SSS</p>	2015-16	
	Grand Total								

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Chapter III

Reform Measures and Policy Initiatives

3.01 Ministry of Statistics and Programme Implementation has taken reform measures and policy initiatives to deliver intermediate outputs and final outcomes. Implementation of the scheme components for the improvement of the social and economic sector statistics has resulted in the following policy initiatives/reform measures:

3.01.1 Support for Statistical Strengthening (SSS): The following two schemes have been merged as one scheme, i.e., SSS in the Annual Plan 2014-15. The two schemes operated separately up to 2013-14. Hence, both the components are being mentioned separately in this report.

India Statistical Strengthening Project (ISSP): ISSP is a World Bank assisted Centrally Sponsored Scheme (CSS) started during 2010-11. It aims at improving the statistical capacity and infrastructure of State Statistical System for collecting, compiling and disseminating reliable official statistics for policy planning at the State and Sub-State levels

Certain implementation issues and non-adherence to the prescribed norms/parameters by the states had been noticed. The implementation of the scheme was also slow. Further, while the scheme was intended to cover the entire country, 19 States/UTs, who had expressed their willingness to participate in the project, could not be taken on board due to non-availability of outlay. In order to

address these issues, a major review-cum-revisiting exercise of the SSSPs/MoUs has been carried out. The allocations have now been made available for the 19 remaining willing States also. The performance of the scheme is being monitored through progress reports, review meetings etc.

Basic Statistics for Local Level Development (Pilot): For proper planning, monitoring and implementation of social sector programmes at local level, the need for making available basic statistics at village and Panchayat level was felt crucial. Responding to this need, a pilot scheme 'Basic Statistics for Local Level Development (BSLLD)' was put in operation during 2008-09. A special purpose application software was developed for the purpose of creation of village level database and generation of certain types of reports, and the same was provided to the States/UTs for preparation of pilot project data sets. BSLLD rural pilot has been completed and a feasibility report has been released. A pilot study on BSLLD in urban areas, commissioned in 2013-14, has been completed in 25 States/UTs.

3.01.2 Millennium Development Goals: As the nodal agency for statistical tracking of the Millennium Development Goals (MDGs) in India, the Social Statistics Division will continue to pursue various activities for analyzing national and sub national statistics and for their dissemination with a view to presenting the progressive

changes towards achieving MDGs across different parts of the Country.

3.01.3. SAARC Development Goals -The SAARC Development Goals measures the extent of achievements of the Government policies for poverty alleviation, enhancement of income levels, providing better healthcare facilities, raising the literacy levels and thereby raising the standards of living of its citizens. The publication on alternate years provide the statistical tool to quantify the success in achieving the objectives of social and economic development that are in conformity with the principal goals of SAARC.

3.01.4 National Data Bank (NDB) - A National Data Bank (NDB) has been created on Ministry's website for placement of all relevant data pertaining to Socio-Economic parameters for all Socio-religious Categories. More than 100 tables have been incorporated in it on various subjects.

3.01.5 Pilot Survey of Annual Survey of Services Sector: To meet the data gap on non-agriculture and non-manufacturing sector (i.e., services sector), a pilot survey of the Services Sector has been completed in six states viz., Andhra Pradesh, Assam, Bihar, Punjab, Gujarat and Uttar Pradesh and four metropolitan cities of Chennai, Kolkata, Mumbai and New Delhi. Now, based on the outcomes and findings of the pilot surveys, a plan scheme has been proposed to be started during the 12th Five Year Plan (2012-2017) to introduce an Annual Survey of Services Sector. The sixth Economic Census data will be used for identification of establishments to be sampled for the survey. The NSC has vetted the process and given suggestions/

comments for taking necessary action for launching a full-fledged survey. Necessary approvals for the activities are being obtained.

3.01.6 Index of Industrial Production (IIP): The IIP is a statistical product of the Central Statistics Office (CSO) which has been in vogue since 1950, though the indices used to be released by the Office of the Economic Adviser, Ministry of Commerce and Industry with 1937 as the first base year.

The IIP has undergone changes time and again to take into account the ever changing scenario of industrial production in the country. Thus the IIP is a dynamic index of industrial performance on short term basis and is compiled on the basis of a set of industrial products which remain important in the overall production framework of the industry sector during a short period of time, generally a decade or so. With a view to measure the industrial performance in the current context, the existing IIP series with base year 2004-05 and an item basket having reference production level of 2004-05 as a base line level for comparison are no longer tenable. The MoSPI constituted a high level Working Group to suggest a new set of items of production for the compilation of the IIP and a more recent year as the base year for reference. The Working Group has submitted its report and currently back series data collection is underway for computing trial indices with new base year. Approval of the Committee of Secretaries is proposed to be taken for rolling out the series in mid-2015.

As per the recommendation of the Working Group, CSO is also in the process of institutionalizing a web-based data collection and compilation system for all- India IIP. CSO is currently working out the modalities with NIC/NICSI regarding financial/ technical evaluation of prospective vendors for this purpose.

3.01.7 Web-portal of ASI: The collection of Annual Survey of Industries (ASI) data through web portal has been started from ASI 2012-13, which is expected to speed up the process. The sample selection, data entry, processing and validation of data are also being done through web-portal. The table generation will also be carried out through this web-portal. However presently, the 'central sample' only is being covered through web-portal. A similar module as part of the web-portal will also be introduced for the States' ASI data collection and compilation based on willingness of States/ UTs DESs for adopting a module similar to that of the central ASI web-portal.

3.01.9 Infrastructure Statistics: A Publication on Infrastructure Statistics is compiled by CSO to facilitate policy makers to assess the status of Infrastructure in the country. The first issue of this publication was released in December 2010 and the third issue in September, 2014.

3.01.10: Capacity Development: The National Statistical Commission (NSC) under the Chairmanship of Dr. C. Rangarajan recommended measures to correct the deficiencies and revamp the statistical system to generate timely and reliable statistics for the purpose of policy and planning in Government at different levels of administrative structure. Some of the NSC recommendations have already been implemented. However, many of the recommendations are still to be implemented. The Plan Scheme 'Capacity Development' in the 12th Five Year Plan has been prepared with a view to implementing the remaining NSC recommendations.

3.01.11 National Data Warehouse of Official Statistics: As part of the National Data Dissemination policy, the Ministry of Statistics and PI was tasked to provide a platform to users to access official statistics. Computer Centre initiated a pilot project on the development of a National Data Warehouse for Official Statistics. A web portal of National Data Warehouse of Official Statistics (NDWHOS) was developed by the Centre. The data warehouse portal is now placed in public domain with user access at two levels. The Metadata, reports and pre-defined tables are made available to all users and the access to dynamic tables, OLAP, Power Cubes etc are provided to limited users in the Ministry.

3.01.12 Video Conferencing facilities in the Ministry: Video Conferencing facility is provided at 19 different locations of the Ministry to improve communication among various offices of the Ministry.

3.01.13 Redesigning of the Web Site of the Ministry: The present Web-site of the Ministry of Statistics and Programme Implementation is designed, developed and maintained by the Computer Centre. All the reports brought out by various Divisions of the Ministry are uploaded on the website and made available to users free of cost. The address of the website of the Ministry of Statistics and Programme Implementation is <http://www.mospi.gov.in>

- DevInfo India using version 7.0 is uploaded on the server of the Center for access through Ministry's website.
- The Following figures provide the **monthly average** figures of website usage during 2014-15 :

a)Number of visitors to the site	= 7.75 lakhs
b)Viewing/ Downloading of metadata pages/reports	= 2.95 lakhs
c)Users registering for downloading publications	= 1232
d)Number of Publications downloaded	= 6967

3.01.14 Data Dissemination: As per the "National Policy of Statistical data", Computer Centre has preserved a large volume of data generated through various socio-economic surveys, Enterprise Surveys, Economic Censuses, Annual Survey of Industries and price data on CD-ROMs. These data are being disseminated regularly to a large number of National and International users. Technical guidance for the use of basic data and their processing is also provided to the users both within and outside the country on demand.

3.01.15 Survey Data cataloguing using IHSN Tool kit software:

- i) Web based Survey Data Catalogue/ Micro data Archive for the unit level data in the Ministry was created for the data sets of Annual Survey of Industries, Economic Census and the National Sample Surveys using NADA 4.0 software. The micro data archive is being accessed by various national and international users to download metadata and various reports which are uploaded on the site. Every month around 3 lakhs users Viewed/downloaded the metadata in 2014
- ii) CDROM of micro data is customized and prepared for 122 surveys for dissemination

3.01.16 Security Audit of Website Applications

The Computer Center of this Ministry has taken up the security audit of Devinfo 7.0 and the microdata archive through a NICSI empanelled vendor. This will enable the hosting of these two applications in the NIC server.

3.01.17 Consumer Price Index : Processing and compilation of Consumer Price Index (Rural/ Urban/ Combined) on the base of Base Year 2010 for States/UT's and All India continued on monthly basis. Revised series with base year 2012 has been released with effect from January 2015.

New software is being prepared for compiling the CPI with the new base year.

3.01.18 Economic Census: The Computer Center has developed all the necessary software for extracting the Sixth Economic Census Data from files received after scanning and digitization of the schedules, auto-correction and tabulation of the data. The work is in progress and will be concluded during 2015-16.

3.01.19 Training in Computer Centre:

Conducted training programmes on various IT related subjects in for officers sponsored by NSSTA. Following training programmes were conducted during 2014-15

- i) Data Analysis using STATA' for ISS officers during 24-28 November, 2014

- ii) Data Dissemination and Data Archiving for State Statistical Personnel at NSSTA
- iii) NSS Unit Level Data extraction and processing Training for Sr. ISS Officers
- iv) Training programs on Computer Applications for 4 batches of SSS officers (Grade-I)
- v) Special one week program for Researchers of Kashmir University on data NSS analysis using STATA
- vi) Training in use of UNICODE software for Hindi for various Central Government Organizations

Policy initiatives taken by NSSO

3.01.20 Periodic Labor Force Survey: The National Statistical Commission (NSC) had recommended a Periodic Labour Force Survey (PLFS) to be conducted by National Sample Survey Office (NSSO) to bring out the quarterly indicators on Indian labour market on regular basis. With a view to develop a suitable survey methodology, NSSO has completed the PLFS on pilot basis during July 2011-June 2013 in urban areas of three states, namely Gujarat, Odisha and Himachal Pradesh as per the Survey Instruments finalized by the Committee headed by Prof. Amitabh Kundu. In this Pilot survey, apart from strengthening the survey methodology based on rotational sampling, direct data entry at the field offices through electronic media and e-transmission of data to the PLFS Centre, doing away with the traditional paper schedule, was also attempted for the first time. The experiment has been successful.

Based on the experiences gained from Pilot Project on PLFS, it is proposed to finalise the survey instruments for conducting All India

Periodic Labour Force Surveys to generate estimates for measuring quarterly changes in labour force market from 2015-16 onwards. A Standing Committee on Labour Force Statistics has been constituted to oversee the conduct of PLFS.

3.01.21 Modification in the survey instruments on Household Consumer Expenditure for quicker processing and release of results: NSSO has undertaken a methodological study as a part of upcoming NSS 72nd Round (July, 2014-June, 2015) for shortening the Consumer Expenditure schedule with the objective to minimize the informants' fatigue and reluctance, so that better responses can be captured. Implementation of the methodology to be developed based on this experiment would minimize the informants' fatigue and reluctance, so that better response can be captured.

3.01.22 Use of Modern Technology: NSSO has switched over to RDBMS platform of data processing with a view to improve data quality. Also, a web portal for online transfer of ASI data to the data processing agency has been developed recently. This would facilitate the ASI tabulation to go online, enabling reduction of time lag between the surveys to tabulation considerably. Further, with a view to reduce the time lag in releasing the survey results, NSSO is exploring the feasibility of replacing the present method of data collection in field surveys through paper schedules by that of using suitable handheld IT gadgets. CAPI (Computer Assisted Personal Interviewing) software developed by the World Bank would be tried on PLFS schedules. The World Bank is providing Non-lending Technical Assistance for customization of CAPI software solution for data collection by NSSO. Use of CAPI solution is expected to

result in quality of data and further, reduction in time lag in release of results of survey.

3.01.23 Pooling of Centre State Sample Data- At present, the NSS estimates are given at National and State Level due to limitation on size of Central Sample. Increase in sample size on pooling of Central and State sample data enables generation of estimates at sub-state level also. A pooling exercise of Central and State sample data for 7 states, namely, Kerala, Odisha, Bihar, Gujarat, Karnataka, Andhra Pradesh and Himachal Pradesh has been successfully completed in respect of “Consumer Expenditure” schedule of NSS 66th round. Based on this experience, a Manual covering all methodological aspects on Pooling Central and State sample data has been released for use of all stakeholders. Pooled results of the above seven states based upon consumer expenditure data of NSS 66th round are also presented in this manual along with unit level data of 2 states for the benefit of the users. The pooling exercise would be extended to other States and schedules of other rounds.

3.01.24 Development of methodology for Drug Abuse Survey:

A new Working Group has been constituted under the Chairmanship of DG&CEO, NSSO to finalise the suitable survey methodology for conducting on Drug Abuse. Two meetings of the Working Group were held during 2014-15 to finalize the methodology for the survey.

3.01.25 Strengthening of Field Survey setup in four NE States viz. Arunachal Pradesh, Mizoram, Manipur and Tripura: A proposal has been included in the 12th Five Year Plan for setting up FOD’s Regional Offices in four NE States viz. Arunachal Pradesh,

Mizoram, Manipur and Tripura. It is proposed to open new Regional offices (ROs) in Itanagar for Arunachal Pradesh, Aizwal for Mizoram, and upgrading the SROs at Agartala for Tripura and Imphal for Manipur to Regional Offices.

3.01.26 Achieving ISO 2008: 9001 standard in quality of performance: The process of achieving ISO 2008:9001 standard in quality of performance has been initiated by standardizing and ensuring quality of service and production system in Survey Design and Research Division (SDRD) of NSSO. For this purpose a Quality Manual of SDRD for the implementation of ISO 9001:2008 was finalized and submitted to Bureau of Indian Standards (BIS) for grant of ISO certificate.

3.01.27 New Adhoc Specialised Surveys: Specialised new surveys envisaged are “Working Class Family Income and Expenditure Survey” and “Saving and Investment Survey”.

3.01.28 Twenty Point Programme: TPP has 65 items and 163 observable parameters. TPP was last restructured in 2006. Since then government has taken number of new initiatives and launched some new priority programmes. Ministry of Statistics and Programme Implementation regularly undertake review meetings with States/UT’s and the last meeting to review Twenty Point Programme -2006 with selected States and Central Nodal Ministries was held on 18-03-2014. The meeting also reviewed the position of action taken/compliance of the earlier Review Meetings.

3.01.29 Infrastructure and Project Monitoring Division (IPMD)

The IPMD has been instrumental in identifying the problems faced by project authorities and facilitate the removal of bottlenecks and measures to be adopted for better performance of infrastructure and implementation of projects through On line Computerized Monitoring System (OCMS). OCMS is an G2G interface developed on oracle platform. Infrastructure & Project Monitoring Division (Programme Implementation Wing) has the following activities and responsibilities:-

Performance Monitoring : Monitoring the performance of the country's eleven key infrastructure sectors, viz. Power, Coal, Steel, Railways, Telecommunications, Ports, Fertilizers, Cement, Petroleum, & Natural Gas, Roads and Civil Aviation through a monthly Review Report which reviews the performance against the pre-set targets for the month as well as for the cumulative period and also against the achievements during the corresponding month and cumulative period for the last year. The report highlights the shortfalls in the achievements/areas of concern which are required to be given attention for effective achievements of targets.

Project Monitoring : (i) Monitoring the Central Sector Projects costing Rs. 150 crore and above in Power, Petroleum, Railways, Civil Aviation, Coal, Atomic Energy, Steel, Petrochemicals, Roads, Shipping & Ports, Telecommunication, Urban Development and Water Resources.

(ii) Besides, a special report is brought out on monthly/quarterly basis on projects costing Rs. 1000 crore and above, for submission to Prime Minister's Office. The report highlights the shortfalls in

the achievements/areas of concern which are required to be given attention for effective achievements of targets.

Systemic improvement : One of the important contributions of the IPMD has been bringing in systemic improvements to facilitate better implementation of projects. such as the review of projects on monthly as well as quarterly basis by the Government which enables identifying constraints and facilitating the removal of these constraints, setting up of an Empowered Committees for Departmental Projects and Standing Committees to fix responsibility for time and cost overruns in administrative Ministries/Departments; appointment of a nodal officer for each project co-terminus with the duration of the project; inter-ministerial coordination for resolving problems of inter-ministerial nature; improved procedure for cost benefit analysis, delegation of more powers at the project level, institution of MOU system, etc. from time to time.

Capacity Development in Project Management: IPMD is the nodal division for the project management in Government of India. With a view to promote project management and improve the implementation of Central Sector Projects, IPMD has been directly conducting training programmes for the employees of the public sector undertakings in project management at National Statistical Systems Training Academy (NSSTA) or at the State Government. During the period under reference more than 100 managers of various PSUs have been trained in project management.

Recent Initiatives: IPMD is now focusing on the follow up with the State Governments in respect of problems relating to land acquisition, rehabilitation related issues, forest clearances,

environment/ wildlife clearances, removal of encroachments & availability of Right of Way (ROW), ensuring law and order at project sites, etc. to facilitate better implementation of projects. In this regard all States/UTs have been advised to constitute the Central Sector Projects Coordination Committee (CSPCC) under respective Chief Secretaries to facilitate Central Sector Projects in the states. 25 States have since constituted the Central Sector Project Coordination Committees (CSPCC) in their respective States.

Besides, IPMD takes up the time and cost overruns in the implementation of the projects in various for a such as Quarterly Review Meetings of different Ministries, MOU Task Force Meetings etc.

Members of Parliament Local Area Development (MPLAD) Scheme:

3.01.30 MPLADS works monitoring software: All policy decisions regarding amendments in guidelines and instructions on the MPLAD Scheme along with expenditure and release data are uploaded on the website of MPLADS i.e. www.mplads.nic.in for public access.

A new Integrated MPLADS Portal is under implementation, developed on state-of-the-art Microsoft technology platform with security features built-in and hosted at URL <http://164.100.129.134/mplads> in the Data Center environment of Government of India. The new MPLADS portal, when fully operationalised, will subsume into www.mplads.nic.in.

Main features of this portal would be as follows:

- CMS driven portal and integrated web application with a centralized database to provide single point of reference for all stake holders including customized dashboard for Members of Parliament;
- The Intergovernmental G2G solution will ensure Micro / Macro (Works, Release and Expenditure) level reporting and monitoring for timely utilization of funds at districts and Ministry including automatic incorporation of Member details from Lok Sabha and Rajya Sabha portal; and
- The Citizen centric C2G solution will provide transformation of public suggestions to on-line recommendations from Members of Parliament and will also provide messaging/blog, offline communication between Members and District Authorities.

3.01.30.1 Natural Calamities Rehabilitation: An innovative feature of the scheme is that rehabilitation works in the areas affected by natural and manmade calamities of severe nature can be undertaken. Accordingly, rehabilitation works have been undertaken in areas affected by Orissa and West Bengal Cyclone, Gujarat Earthquake, Tsunami Disaster, Bihar Floods and Leh Cloudburst and Sikkim earthquake etc. for providing infrastructural requirement to the people of the affected areas.

3.01.30.2 Training of District Officials: Financial and technical assistance is being provided to States/UTs to conduct training programmes for district officials to facilitate better implementation of the scheme. The state-level training on Guidelines for district

authorities was undertaken in the State of Kerala during this year. In addition to this, two training programmes for District Officials were conducted in National Statistical System Training Academy (NSSTA), Greater Noida (U.P.) on the newly created website on MPLADS.

3.01.30.3 Monitoring Measures: MPLADS performance has improved due to intensive reviews and visits made by the Hon'ble Minister and Senior Officers in the States/ UTs. In addition meeting with the Secretaries of the State Nodal Departments, with a view to clarify policy initiatives, monitoring of release of funds and taking stock of the implementation of the MPLAD Scheme in the States/UTs, are being conducted.

3.01.30.4 Physical Monitoring of MPLADS Works: While the Ministry monitors the scheme at the macro-level, absence of any mechanism for direct physical monitoring at the ground level, by the Ministry or any other independent agency was the weakest link of the scheme. To ameliorate this, a new initiative of direct physical monitoring of sample of completed works in the districts was envisaged and launched in the year 2007-08. 30 districts in the 1st phase (2007-08), 43 districts in the 2nd phase (2008-09), 60 districts in the 3rd phase (2009-10) and 75 districts in the 4th phase (2010-11) were taken up all over the country for physical monitoring. This task had been assigned to NABARD Consultancy Services. With effect from 2012-13 the work of physical monitoring was entrusted to Agricultural Finance Corporation (AFC).

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PHYSICAL PERFORMANCE DURING 2013-14

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
I. National Statistical Organization (Statistics Wing)							
1.	Support for Statistical Strengthening (SSS)						
1.1	India Statistical Strengthening Project (ISSP)	To strengthen the capacity of the Indian Statistical System specifically the State Statistical system to provide reliable, timely and credible socio-economic statistics.		50.00	Release of Funds to States/UTs, who have already signed MOU with GOI for the implementation of respective State Strategic Statistical Plans (SSSP). Technical assistance in finalization of State Strategic Statistical Plan (SSSP) in other participating states/UTs.	State-to State cycles of activities	The second installment of funds was released to Gujarat and Rajasthan and revalidation of first installment in respect of Kerala and Odisha was done. The monitoring of implementation was stepped up.

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
1.2	Basic Statistics for Local Level Development (BSLLD) Pilot Scheme			3.00	Completion of rural pilot work.	Based on the experience of pilot studies in rural areas, a report on feasibility of the BSLLD scheme in rural areas was prepared. The report was discussed in the workshop, held on 25/2/14, which was attended by State/ UT Government's representatives of Directorate of Economics and Statistics, Department of Panchayati Raj, Department of Urban Development besides the officers from Central Government Ministries of Rural Development, Panchayati Raj, Housing and Urban Poverty alleviation etc and Planning Commission.	
					Preparation of consolidated report on BSLLD (Rural) pilot		
					Start of BSLLD (Urban) pilot	The pilot of BSLLD in urban areas was commissioned in 2013-14. One day training programme was organized on 1 st October, 2013 for officials of DES of States/UTs to discuss the concepts & definitions and instructions to fill the questionnaire in Urban areas.	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
2.	Capacity Development			123.00			
2.1	National Accounts Statistics	Compilation of different macro-economic aggregates			Timely release of the following: i) Quarterly GDP estimates ii) First Revised estimates of National Income 2012-13. iii) Publication: National Accounts Statistics 2013 (NAS 2013)	Target Achieved	
		Training to State Govt. officials for compilation of different macro-economic aggregates			Organising six Regional Workshops for the officials of State Directorate of Economics and Statistics	Target Achieved	
		Alignment of the State Domestic Product of different States/UTs with the National Accounts Statistics (with B.Y. 2004-05)			Preparation of comparable estimates of State Domestic Product for the year 2010-11 as per the series of national accounts with base year 2004-05	Target Achieved	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
2.2	Development of Consumer Price Index Series separately for Urban, Rural and combined at State/ National level.	To provide a comprehensive measure for Consumer price-based inflation for policy purposes			Release of monthly Consumer Price Indices for rural and urban areas and centers, i.e. CPI(Rural), CPI(Urban) and CPI(Combined) at all India as well as State/UT level.	All the process /timelines were achieved and the indices were released on specified dates.	
2.3	Development of Social, Environment and Allied sector	Improvement in quality, coverage and timeliness of various social, Environment and Allied Statistics and their dissemination			Bringing out the following publications (i) Women and Men in India 2013 (ii) Statistics related to Climate Change in India (iii) Compendium of Environment Statistics India 2013 (iv) SAARC Social Charter India Country Report 2013 (v) Millennium Development Goals India Country Report 2014	Released Released Released. Released Released	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
					Funding of research studies/projects to bridge the data gaps in official statistics	23 Institutes have been given approved financial assistance to conduct national / international /conferences/seminars/workshops.	No new research proposal has been sanctioned and no Travel Grant assistances were approved during this period since, the scheme is temporarily suspended as per the economic measures instruction issued by M/o Finance.
					Awards for meritorious/outstanding work in the field of statistics and grants for travel for presenting papers in international conferences	Prof. C.R. Rao National Award was conferred on Dr. Abhiman Das, Director, Statistics Department, Reserve Bank of India on Statistics Day, 29 June 2013.	
2.4	National Statistical Systems Training Academy (NSSTA))	To provide in-house facility of high quality of training to Central and State /UT officers/officials and trainees			Conducting National Training Courses	Induction courses for ISS and SSS: 11 Refresher courses for ISS and SSS: 20 State Training Programmes including request based trainings: 6 TOT & PG Students: 2	

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PHYSICAL PERFORMANCE DURING 2013-14

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		from abroad under national/ international cooperation with various countries and international agencies.				M.Stat Students Programme:1	
					Conducting International training courses/ seminars/meetings.	International Programmes : 7	
					Other workshops/awareness programs	One day workshops : 3	
					Implementation of Internship scheme	Internships were awarded to 200 students.	
					Establishing IT infrastructure	The proposal for procurement of hardware and software has been approved.	
					Setting up of Sukhatme Library	Sukhatame Library was integrated with the complete network systems with the Libsys Software. Entry of about 20,000 books details was completed.	
					Training Need Assessment	2 regional workshop have been organized to assess the training need of state officials.	
					Preparation of manuals on core statistics subjects	The work has been awarded to concerned nodal Ministries.	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
2.5	Economic Statistics	To make available Infrastructure Statistics for policy purposes			To bring out third issue of publication “Infrastructure Statistics-2014.”	Third issue was released electronically in September,2014.	Delay due to NSC recommendations to include metadata in all statistical publications. Therefore, volume-I giving detailed metadata on Infrastructure Statistics was prepared in addition to the publication.
		To make available Energy Statistics for policy purposes			To bring out the publication on Energy Statistics 2014.	Released in March 2014.	
		Compilation of Index of Service Production (ISP)			To compile ISP for Banking, Posts and Telecommunication Services.	Report of Sub-Committee on ISP for Banking uploaded on the MOS&PI website. The ISP for Postal Services was compiled and uploaded on the web-site.	ISP for Telecom Sector could not be compiled due to non-availability of

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
							requisite data.
		To provide Index of Industrial Production (IIP) for policy purposes			Monthly release of all-India IIP for the months of Feb 2013 to Jan. 2014.	All-India IIP for the months of February 2013 to January 2014 has been released for each of the months as per defined dates.	
		ASI data Processing and Dissemination			(i) Publications of ASI 2011-12 (Provisional and Final).	(i) Fully achieved.	
					(ii) Finalization of State wise sampling frame and sample selection for ASI 2011-12.	(ii) Fully achieved.	
					(iii) Revision of NPC-MS 2011.	(iii) Updation work taken up.	(iii) CPC ver. 2 has not been revised by UNSD.
					(iv) Workshop on ASI with State DESs etc.	iv) Workshop held on 18.12.2013.	
		Preparation of Web-Portal			Preparation of Web-Portal for CSO (IS Wing) and upgrading of H/w and S/w for data processing for online data capturing, data warehousing and data transmission.	ASI web-portal has been made fully functional for collection and compilation of data from ASI 2012-13.	
		Analytical			i) National Seminar on ASI.	i) Organized on 26.09.2013.	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		Studies of ASI			ii) Publication of Journal of Industrial Statistics.	ii) Vol. III no. 1 released in March 2014.	
		Annual Survey of Services Sector (ASSS)			Finalization of results of pilot survey.	Achieved. Process initiated for regular survey.	
2.6	Coordination with Central and States Statistical Organizations	Co-ordination with the Central & State Statistical Organizations and within NSO			To organize Conference of Central and State Statistical Organisations (COCSSO).	21 st COCSSO was organized in Panjim, Goa during 23-24 January, 2014	
					To organize Statistics Day on 29th June to mark the birth anniversary of late Professor P.C. Mahalanobis.	Statistics Day was celebrated all over the country.	
					Coordination with Central/State Agencies	On-going activity	
2.7	Modernization of Office Building.				Renovation of 8th & 9th floor of J.P. Building to provide office space to different units of CSO.	Completed and PCL Unit has been shifted	
2.8	Strengthening and enhancing the field survey capabilities of NSSO	Providing own accommodation at Field offices of NSSO			Purchase of land/construction of accommodation for field offices to replace the hired accommodations in phases.	i) Construction of SRO Chhindwara is under progress. ii) Construction of 2 nd floor for RO Ahmedabad is under process. iii) Construction work for RO Baroda and Jaipur Hostel is	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
						<p>under progress.</p> <p>iv) Efforts are being made for acquire land for RO Gangtok and SRO Khandwa.</p> <p>v) Execution of sale deed of land procured for SRO Dharamshala and SRO Faizabad after payment of the land cost is under process.</p> <p>vi) Purchase of ready-built accommodation for SRO, Puduchhery.</p> <p>vii) Renovation of SRO Gorakhpur, Hostel Bangalore.</p>	
		Upgrading of Information Technology in NSSO			A Web based portal will be developed for on-line transferring of ASI data. ROs / SROs would be strengthened with requisite hardware / software for e-governance.	The Web based portal has also been developed. Proposal for procurement of 164 Desktops, 11 Laptops and 86 Printers had been approved by TAEC.	
		Increased awareness in public and data respondents about NSSO			During 2013-14, publicity of survey and its results through newspapers and other modes of advertisements including electronic media would be carried out extensively	<p>i) Publicity Material has been provided to field offices.</p> <p>ii) Newspaper advertisements have been released thrice during the period of</p>	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		surveys.				reference. iii) Media campaigns through TV/Radio channels and digital cinema halls have been launched in three spells. iv) Calendars for 2014 have been procured and sent to all field offices for distribution.	
		Strengthening of in-house human resources development system.			Strengthening of Training facilities in Zonal Centers of FOD would continue.	Around 1793 officials were trained in zonal training centers on different course like SE, ASI, AS, UFS and Admin. Matters etc.	
		Redefining the jurisdiction of field offices, reallocation of human resources and strengthening of survey management system.			The reorganization of field offices will be continued for the states. Opening up of new ROs in North Eastern States will be initiated.	Reorganization of states of Punjab, Haryana, Himachal Pradesh and Jharkhand has been completed.	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		New surveys to be undertaken by FOD.			(i) Periodic Labour Force Survey (PLFS) will be continuing on pilot basis in the States of Gujarat, Orissa & Himachal Pradesh. The proposal for taking up PLFS in all states will be initiated. (ii) Other New surveys will be undertaken according to the requirement of other Ministries/Department subject to provision of additional staff.	The pilot survey work of PLFS has been completed on 30th June, 2013 in the States of Gujarat, Himachal Pradesh and Orissa. A total of 1152 (FSUs) were allotted to these three states. Results of the survey are being discussed and deliberated for taking a decision about conducting on regular PLFS from next year. A seminar on results of Pilot was also held during 09.12.2014 at New Delhi.	
2.9	Strengthening of Data Processing Capabilities of NSSO	Processing additional schedules to improve reliability of estimate through continuation of DP Centres at Bangalore and Ahmedabad.			Data entry/ processing/ tabulation of around 4500 additional samples (FSUs) of 70th Round.	Data entry and validation of Visit-1 of 70 th round has been completed as per the targets set in Annual Action Plan (AAP). Data entry and verification of Visit-2 has also been completed. Validation of Visit-2 of 70 th round was in progress as per target.	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		Strengthening of States' Assistance Unit for new items of work such as pooling, enhancing States' capacity for data processing for state data (SE survey, other ad-hoc survey) to enable the States to generate sub-state level estimates to facilitate decentralized planning.			(i) One tabulation workshop (ii) One data pooling workshop (iii) Software to be distributed to 25 major States/UTs	Tabulation Workshop for 67 th round was organized at Kolkata. Data pooling workshop for 66 th round data was organized at Delhi. All relevant software were distributed as also the unit level data of 69 th round.	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		Conducting an extended Pilot Survey on PLFS covering three States viz. Orissa, Gujarat and Himachal Pradesh to finalize the methodology for building quarterly estimates from panel data.			Data processing and analysis for about 288 sample urban blocks for one quarter.	Achieved.	
		Capacity building through training to enhance the IT and data processing skill of EDP staff and officers.			Organization of customized training for EDP staff and officers	DPD organized customized training programmes for its EDP staff in basic level computer and RDBMS.	
2.10	Strengthening of Survey Design and Research	Improved efficacy of subject-specific survey			NSS 66th Round (Survey on Consumer Expenditure and Employment & Unemployment)		

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			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
	Capabilities of NSSO	designing, with backup of analyzed knowledge of previously used techniques. Creation / Updation of Socio-Economic Database for Informed Decision, Planning, Programme Implementation / Appraisal, Research etc. at National/ State/ Regional Level Ensuring Efficient Use of National Resources.			Drafting, finalisation and release of NSS Reports as detailed below: 1.Perceived Adequacy of Food Consumption in Indian Households, 2009-10 2.Status of Education & Vocational Training in India 3.Employment & Unemployment Situation among major Religious Groups Employment & Unemployment Situation in Cities & Towns in India NSS 68th Round (Survey on Consumer Expenditure and Employment & Unemployment) (1) Checking of Trial Tables for preparation of documents on Key Indicators of (i) Employment Unemployment in India 2011-12 (ii) Consumer Expenditure in India 2011-12	Released Released Released Released Completed Released Prepared Released	

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PHYSICAL PERFORMANCE DURING 2013-14

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
					<p>(2) Preparation of draft report on “Level and Pattern of Consumer Expenditure” :Sch.1.0</p> <p>(3) Preparation of draft report on Household Consumption of Various Goods and Services in India:Sch.1.0</p> <p>(4) Preparation of draft report : Employment and Unemployment Situation in India 2011-12: Sch.10</p> <p>(5) Preparation of draft report: Informal Sector and Conditions of Employment in India: 2011-12 based on sch.10.</p>	Prepared	
					<p>NSS 69th Round</p> <p>The subject of 69th round survey was “Drinking Water, Sanitation, Hygiene, Housing Condition (including Slums)”.</p> <p>(1) Finalisation of edit points</p> <p>(2) Finalisation of Multiplier</p> <p>(3) Two reports will be prepared on</p> <p>(i) “Drinking water, Sanitation, Hygiene, Housing Condition” (ii) Slums in India</p>	<p>Finalised</p> <p>Finalised</p> <p>Reports to be prepared in 2014-15</p>	

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PHYSICAL PERFORMANCE DURING 2013-14

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
					<p>NSS 70th Round</p> <p>Survey on i) “Debt and Investment ii) Land & Livestock Holdings iii) Situation Assessment Survey of Agricultural Households</p> <p>1. Finalisation of Tabulation Plan 2. Finalisation of Estimation Procedure 3. Preparation of Howler points 4. Preparation of Edit Points</p>	<p>Tabulation Plan and Estimation Procedure were finalized.</p> <p>Howler points prepared. Prepared</p>	
					<p>NSS 71st Round</p> <p>The Subject of NSS 71st round is Social Consumption comprising of Health & Morbidity and Education.</p> <p>(1)Preparation of Agenda, documents for WG meetings</p> <p>(2) Preparation of sampling design, schedules of enquiry and instruction manuals</p> <p>(3) Finalisation of Survey instruments for field operation after AITOT</p>	<p>Prepared</p> <p>Prepared</p> <p>Finalised.</p>	

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PHYSICAL PERFORMANCE DURING 2013-14

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
					Modernization and Strengthening of Library. Digitization and Archiving of NSS Documents.	Continuing process Continuing process	
					Publicity & Dissemination of NSS Reports.	Completed as per free mailing list and other requirements, besides uploading of information on website of the Ministry for free download.	
					Publication of journal “Sarvekshana”	Published 97 th Issue of Sarvekshana	
2.11	Grants-in-aid to N. E. States and Sikkim for carrying out NSS Survey work in N.E. Region.	Improved socio-economic database for N.E. States.			<u>Disaggregated data for each of the N.E. States and Sikkim</u>	Both the installments of the Grants-in-aid to N.E. States and Sikkim for 2013-14 were released in time.	Disaggregated data for each of the N.E. States and Sikkim
2.12.	Strengthening of Computer Centre	Data Archiving and Data Dissemination			Replacement of Sun Server & DW tools. Procurement of Licenses & Preparation of data sets	Achieved	

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			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		Setting up of Video Conferencing facility in the Ministry			i) Development of Intranet Portal on the website of Ministry ii) Introduction of GIS Application iii) Updation & Maintenance of Website	Continuing	
		Setting up of Data Centre			Procurement of Hardware & Software and to make the centre operative.	Procurement initiated and partly made.	Further action kept pending in view possible relocation.
		Implementation of IPv6 Policy in the Ministry			The Implementation of IPv6 policy is to be completed in the Ministry	In progress	
		Revamping the Web Site of the Ministry			Maintenance, updation and Improvement of Ministry's web site	In Progress	
		Compilation and Data processing of : i) CPI Index ii) 6 th Economic Census			Compilation of CPI Index for Rural, Urban and Combined at State/UT level and for All India Data processing for Sixth Economic Census	Released as per time schedule In progress	

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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		Training			Organizing training programmes for up gradation of IT skills of the officers/officials and refresher courses in various IT related subjects sponsored by the CSO training division and NSSTA	Arranged the following training i) Data Analysis using STATA' for the officers of CSO Afghanistan ii) Documentation and cataloguing of Unit Level Data for officers of State Government iii) Computer Applications for in-service SSS officers Grade-I iv) Training. in use and analysis of NSS Unit level data for officers of SSS v) Internship organized for vi) students of IT institutions and from NSSTA	
3.	Economic Census	To conduct Sixth Economic Census to make available basic establishment data and a frame of establishments in India		405.00	Training Programme at State/District/Block level by 18 States/UTs for conducting Sixth EC during April-June, 2013.	i) State level trainings have been completed in all 35 States/UTs. ii) A 40 minutes documentary for imparting training to enumerators & supervisors of Sixth EC was developed through DAVP in Hindi, which was dubbed in 13 Regional languages including	Economic Census is not supported by any act like Census Act 1948, which ensures availability of teachers for field work.

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1	2	3	4 (i)	4 (ii)	5	6	7
						English. The documentaries were supplied at District level so that uniform instructions for filling up schedules reached to the lowest level.	Hence, availability of manpower has affected the completion of field work as per timelines despite the best efforts by the State Govts.
					Conduct of Field work in remaining 18 States /UTs namely UP, Maharashtra, Rajasthan, TN, Karnataka, Kerala, Bihar, Jharkhand, Dadara& Nagar Haveli, Odisha, Meghalaya, Tripura, Manipur, Mizoram, Nagaland, Sikkim, Arunachal Pradesh and Lakshadweep.	Field work for the Sixth Economic Census was completed in all States/UTs during till March' 2014 except State of Maharsashtra.	
4.	Grant-in-Aid to Indian Statistical Institute	Scholastic facilities for top class education and research in the field of Statistics	105.225	43.00	Research Studies, Seminars, Workshops, Conferences, Training Courses and regular Graduation and PG level courses. Purchase of Office equipment, computers etc./ Book, Journals for Library/ Renovation of Building/ Campus	All activities were completed as per schedule	

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			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
II. Programme Implementation Wing							
5	Strengthening, Monitoring and Evaluation for Project and Programmes						
5.1	Infrastructure and Project Monitoring	Monitoring of Central Sector Projects Costing Rs.150 crore and above to keep time and cost over-run in projects under check			To bring out the following reports: (1) 12 Flash Reports costing Rs. 150 crore & above. (2) 12 Flash Reports costing Rs. 1000 crore & above. (3) 12 Projects Implementation Overview (4) 4 Quarterly Project Implementation Status Report costing Rs. 150 crore & above 5) Visit to 10-15 selected projects.	1 to 4 :- All reports released and circulated 5. Three project site visited	
		Monitor Infrastructure performance in 11 key Sectors			1) 12 Monthly Review Reports on the performance of infrastructure Sectors 2) 12 Monthly Capsule Reports on the performance of infrastructure Sectors 3) Visit to identify sectors	1 & 2 :- All reports released and circulated -	Due to shortage of staff visits could not be undertaken.

CHAPTER – IV (a)
PHYSICAL PERFORMANCE DURING 2013-14

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
					specific problem (once at least)		
		Institutional development and capacity building in project implementation to improve the quality of project formulation, appraisal, implementation and to improve quality of report and decision making			1) Conducting training/workshops 2) OCMS for quality information flow	1) Conducted 3 training programmes on Project Planning and Management where more than 100 officers of various PSUs were trained. 2) The progress status of all ongoing Central Sector Projects costing Rs.150 crore and above is being updated online.	Availability of the data from the concerned Ministries /Project Authorities
5.2	Twenty Point Programme-2006.	Compilation and release of Monthly Progress Reports on TPP-2006.			To release 12 MPRs during 2013-14.	12 MPR's were released as per RFD Schedule	
		Preparation and release of Annual Review			To prepare and release the Annual Report on TPP for year 2012-13.	The Report was prepared and released as per schedule.	

CHAPTER – IV (a)
PHYSICAL PERFORMANCE DURING 2013-14

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		Report on TPP-2006.					
		National Review Meeting of TPP-2006.			To hold National Review meeting	The Review meeting was held on 18.3.2014.	
6.	Members of Parliament Local Area Development Scheme (MPLADS)	The scheme envisages creation of fixed and durable community assets, to address locally felt developmental needs		3955.00	The nature and dynamics of the MPLAD Scheme is such that no physical output could be quantified. However, works benefiting the general public in sectors such as drinking water, education, electricity, health and family welfare, irrigation, non- conventional energy sources, other public facilities viz community centers, public libraries, crematoria, bus stops, public parks, roads, pathways and bridges, sanitation and public health, sports, animal care, are intended to be taken up under the scheme.	Rs. 3937 crore has been released during the Financial Year 2013-14. As reported by the Districts an expenditure of 4471.26 crore has been incurred. 120466 works have been completed, 150207 works have been sanctioned during this period. The percentage of works completed over sanctioned for the period is as high as 80.2.	

CHAPTER – IV (a)
PHYSICAL PERFORMANCE DURING 2013-14

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
Other Major Activities under Non-Plan							
A1	National Statistical Commission				A report would be laid before Parliament	Report has been laid as per schedule	
A2	Research and Publication	i) To collect, compile and update socio- economic data on various aspects. ii)Disseminat- ing the Statistical Information through a number of regular publications and dissemination of data, on request, to various			Co-ordination with Line Ministries	Done	
					Publications: i) Statistical Year Book, India - 2014 issue ii) India in Figures- A Ready Reference ,2013 issue	Released Released	

CHAPTER – IV (a)
PHYSICAL PERFORMANCE DURING 2013-14

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2013-14 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan			
1	2	3	4 (i)	4 (ii)	5	6	7
		National and International Agencies.					
A3	House Keeping, Establish- ment and Administra- tion related to the objective	Management, Operation Maintenance and Updation of data processing system and HRD			Smooth running of the Ministry	Continuous activity	
	GRAND TOTAL		365.68	631*			

Note: *: Excudes Rs. 3955 Crores for MPLADS. n

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
I. National Statistical Organization (Statistics Wing)								
1.1 Support for Statistical Strengthening Project 100.00								
1.1.1	India Statistical Strengthening Project (ISSP)	To strengthen the capacity of the Indian Statistical System specifically the State Statistical System and for providing reliable, timely and credible socio-economic statistics.			Technical assistance to the participating States/UTs for the finalization of State Strategic Statistical Plans (SSSPs).	.	Core Statistical activities, Improving Statistical Infrastructure and capacity development are the main area where technical assistance is being provided	Due to non-availability of adequate outlay under ISSP, no approval of SSSPs has been done in 2014-15. However, it is expected that now [as funds are made available for these States as a result of the revisiting exercise], the SSSPs will be finalised and MoUs signed with new willing States/UTs.
					Release of funds to the States/UTs, which have already signed MoU under ISSP with the Government of India for			The competent authority had stipulated that no funds would be released until

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					the implementation of their respective State Strategic Statistical Plans (SSSPs)			revisiting of all SSSPs/MoUs of the currently implementing States has been completed, and revised MoUs signed. Now that the revisiting exercise has been completed, release of funds can be considered to those States who come forward with State level approval and revised MoUs.
					Monitoring the progress of works under ISSP in the Project implementing States/UTs by participating in - (i) SHLSC meetings (ii) Discussions in the		Better implementation of the Scheme	The implementation was reviewed in COCSSO in November, 2014. Meetings/reviews have been held with Manipur and

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					COCSSO (iii) Evaluating their Monthly Progress Reports			Tamilnadu in the Ministry. Informal meetings and reviews have been held with Bihar, Mizoram, Gujarat, and West Bengal. Issues relating to implementation has been raised in the meetings of the Standing Committee of the Zonal Councils, under the aegis of the Inter-State Council under MHA.
1.1.2	Basic Statistics for Local Level Development (BSLLD) - Pilot	To develop the decentralized databases at Village/ Ward/ Block level for Local Level Planning in all States/UTs.			Completion of urban pilot work.	Towards development of schematic guidelines for collecting basic data for local level development	The work of pilot on BSLLD in urban areas has been completed by 25 States/UTs. Based on the experience of pilot a feasibility report for BSLLD Scheme in	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		Sub-state level quality data in the form of organised databases will be available for each State/UT to facilitate District Planning			Preparation of consolidated report on BSLLD (Rural) pilot		urban areas is under preparation. The report will be finalized in consultation with the stakeholders i.e. State/ UT Government's representatives of Directorate of Economics and Statistics, Department of Panchayati Raj, Department of Urban Development besides the officers from Central Government Ministries of Rural Development, Panchayati Raj, Housing and Urban Poverty alleviation etc and Planning Commission.in a workshop proposed in January 2015.	
2.	Capacity Development			153.00				

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
2.1	National Accounts Statistics	Revision of Base Year of National Accounts			Release of national accounts statistics for the years 2011-12 to 2013-14 with base year 2011-12		Scheduled for 30th January, 2015.	
		Alignment of the State Domestic Product of different States/UTs with the National Accounts Statistics (with B.Y. 2004-05)			Preparation of comparable estimates of State Domestic Product for the years 2011-12 & 2012-13 as per the series of national accounts with base year 2004-05		Target Achieved	
		Training to State Govt. officials for compilation of different macro-economic aggregates			Organising six Regional Workshops for the officials of State Directorate of Economics and Statistics		Target revised as five workshops, covering all states. Four workshops have been organized by December, 2014. One workshop is scheduled to be organized during January-March, 2015.	
2.2	Development of Consumer Price Index	To provide a comprehensive measure for			Release of monthly Consumer Price Indices for rural and urban areas	Release of CPI(Rural), CPI(Urban) and	All the process /timelines were accordingly achieved	Subject to timely uploading of data

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
	Series separately for Urban, Rural and combined at State/ National level.	Consumer price-based inflation for policy purposes			and centers, i.e. CPI(Rural), CPI(Urban) and CPI(Combined) at all India as well as State/UT level.	CPI(Combined) by 12 th day of the following month, if it is working day, else, next working day.	and the indices were released on specified dates (ii) The revised series of CPI(Rural/ Urban/ Combined) on base year 2012=100, will be released w.e.f. January 2015.	by Department of Posts in case of CPI(Rural) and Field Operations Division of NSSO in case of CPI(Urban)
2.3	Development of Social, Environment and Allied sector	Improvement in quality, coverage and timeliness of various social, Environment and Allied Statistics			Bringing out the following publications (i) Women and Men in India 2014 (ii) SAARC Social Charter –India Country Report 2014 (iii) Millennium Development Goals India Country Report 2015 (iv) Compendium of Environment Statistics 2014		Released. Released. In Progress. In Progress.	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					Funding of research studies/projects to bridge the data gaps in official statistics		9 Institutes have been given approved financial assistance to conduct national/ international conferences/ seminars/workshops.	
					Awards for meritorious/outstanding work in the field of statistics and grants for travel for presenting papers in international conferences		Prof. P.V. Sukhatme National Award in Statistics was conferred on Dr. N. S. Sastry, Former Director General, NSSO on Statistics Day, 29 June 2014.	
2.4	National Statistical Systems Training Academy (NSSTA)	To provide in house facility of high quality of training to Central and State/ UT officers/ officials and trainees from abroad under national/ international cooperation with			Conducting National Training Courses	April, 2014 to March, 2015	42 National Training programme were organized	Three refresher Courses for ISS officers and two training programmes for State/UT Directorate of Economics & Statistics & other line departments are scheduled during January –

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		various countries and international agencies						March 2015
					Conducting International Training Courses/seminars/ meetings	-do-	3 International Training programmes were organized on request basis	
					Other workshops/awareness programme	-do-	3 Awareness Workshops at three Universities were organized	
					Implementation of Internship scheme	-do-	The programme was continued and more than 200 internship were awarded.	
					Establishing IT infrastructure	-do-	The proposal for procurement of hardware and software have been approved	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					Setting up of Sukhatme Library	-do-	Sukhatme Library was integrated with the complete network systems with the Libsys Software as a library management software. Entry of about 20,000 books details was completed.	
					Training Need Assessment	-do-	2 regional workshop have been organized to assess the training need of state officials	One programme is scheduled during January – March 2015
					Preparation of manuals on core statistics subjects.	-do-	The work has been awarded to concerned nodal Ministry.	
2.5	Improvement of Economic Statistics	To make available Infrastructure Statistics for policy purposes			To bring out third issue of the publication “Infrastructure Statistics”	March, 2014	Infrastructure Statistics- 2014 (Third issue of the publication) was released in September, 2014 in the website of MOS&PI .	Delay is due to structural changes in the format of publication to be released henceforth.
		To make			To bring out 22nd	March,2015	To be released as per	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		available Energy Statistics for policy purposes			publication on Energy Statistics,2015.		the time schedule.	
		Compilation of Index of Service Production(ISP)			To evolve methodology of ISP and to explore data availability from different sources for Insurance, Health & Education Sectors.	March,2014	Regular consultations are being done by the Sub-committees. The Sub-committee on Insurance Sector is likely to submit its report soon. On Education Sector, a background paper has been prepared for further deliberations in the Sub-committee.	Partially due to non-availability of relevant data.
		To provide Index of Industrial Production (IIP) for policy purposes			Monthly release of all-India IIP for the months of February 2014 till January 2015.	On the 12th of every month, all-India IIP is released with a 6 weeks' lag.	The monthly all-India IIP has been released each month as per schedule for the months of February 2014 to November 2014.	
		ASI data Processing and Dissemination			Publications of ASI 2012-13 (Provisional and Final)	Jan' 14 – Mar'15	Provisional results of ASI 2012-13 were released by December, 2014.	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
							Final results in the form of ASI Vol.-I & Vol.-II will be released by March 2015.	
					Finalization of State wise sampling frame and sample selection for ASI 2012-13	Aug'14-Sep'14	Fully achieved.	
					Revision of NPC-MS 2011	Apr'14-Mar'15	Under progress.	CPC ver. 2 has not been revised by UNSD.
					Workshop on ASI with State DESs etc.	Apr'14-Mar'15	Workshop held during 17 th – 19 th September 2014.	
		Review the computation of state IIP to compile comparable series of state IIP on regular basis.			Computation of State IIP & Review Workshop.	Apr'14-Mar'15	Two review workshops organized for State DESs	
		Preparation of Web-Portal			Preparation of Web-Portal for CSO (IS Wing) and upgrading of H/w and S/w for data	Apr'14-Mar'15	Web-portal has been launched with full functionalities from ASI 2012-13.	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					processing for online data capturing, data warehousing and data transmission.			
					Training to FOD and DES for implementation and data capturing.	Apr' 14- Sep' 14	Training is imparted to FOD officials.	After NIC/SIFY completes the State DES module of web-portal for its implementation.
		Analytical Studies of ASI			National Seminar on ASI		National Seminar on ASI organized on 29 & 30 Oct. 2014.	
					ii) Publication of Journal of Industrial Statistics.		Vol. 3 , No. 2 has been released in September 2014.	
		Consolidation of office space and renovation of office rooms, server room etc.			Reconstruction of office rooms through CPWD.	April' 14- March' 15	Work is under progress.	
		Annual Survey of Services Sector			Launching of regular ASSS in the country.	April' 14- March' 15	Yet to be started.	Implementation depends on availability of Sixth EC Frame and other

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
								necessary approvals.
2.6	Coordination with Central and States Statistical Organizations	Co-ordination with the Central & State Statistical Organizations and within NSO			Organize Conference of Central and State Statistical Organisations (COCSSO).	March, 2015	Organised the 22 nd COCSSO during November 13-14, 2014 at Shimla, Himachal Pradesh,	
					Organize Statistics Day on 29th June to mark the birth anniversary of late Professor P.C. Mahalanobis, in recognition of the contribution made by him in the fields of Economic Planning and Statistics all over the country,		Eighth Statistics Day was successfully organized on 29 th June, 2014 all over the country	
					Coordination with Central/State Agencies		Successfully done	
2.7	Modernization of Office Building.	To provide conducive office environment for bringing improvement in efficiency			Renovation of office room nos. 413,227,421, Minister's Office and Garbage Shed of S.P.Bhawan		Done	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
2.8	Strengthening and enhancing the field survey capabilities of NSSO	Getting new accommodation for field offices			Purchase of land/construction of accommodation for field offices so that it can shift all its hired accommodation to own buildings in due course.	On-going activity	<ul style="list-style-type: none"> • Construction of office building of RO Ahmedabad is completed • Construction work of RO Baroda and Jaipur Hostel is completed • Efforts are being made to acquiring of land for SRO Hoshiarpur, SRO Jalandhar and RO Jammu. • Execution of sale deed of land procured for SRO Faizabad, SRO Dharamshala and SRO Belgaum after payment of the land cost under process. • Construction of SRO Chindwara is nearing completion. 	

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			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		Upgrading of Information Technology in NSSO			A Web based portal will be developed for on-line transfer of ASI data. ROs / SROs would be strengthened with requisite hardware / software for e-governance.	2014-15	The Web based portal for ASI has been developed and a proposal for procurement of 164 Desktops, 11 Laptops, 82 Printers and 69 scanners had been approved by TAEC.	
		Increased awareness in public and respondents about NSSO surveys.			Publicity of survey and its results through newspapers and other modes of advertisements including electronic media would be carried out extensively.	On-going activity	Newspaper advertisements have been released twice during the period of reference. Media campaigns through TV/Radio channels and digital cinema halls launched in three spells each. Till date 1 st phase of Media Campaign has been completed.	

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			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		Strengthening of in-house human resources development system.			Strengthening of Training facilities in Zonal Centres of FOD would continue.	Ongoing-activity	Around 1057 officials were trained in Zonal Training Centres on different subject like SE, ASI, AS, UFS and Admin. Matters etc.	
		Redefining the jurisdiction of field offices, reallocation of human resources and strengthening of survey management system.			The reorganization of field offices will be continued for the remaining states. Opening up of new ROs in North- Eastern States will be initiated	On-going activity	Opening up of New ROs in the North-Eastern States initiated.	
		Undertaking new surveys.			New surveys will be undertaken according to the requirement of other Ministries/Departments as per the NSC's recommendations taking into account 10 years cycle.	On-going activity	A Standing Committee on Labour Force Statistics has been constituted to oversee the conduct of Periodic Labour Force Survey.	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		Collection of data on Socio Economic, Industry, Agriculture, Price aspects.			<p>The NSS 71st Round of Socio-Economic Survey on 'Social Consumption-Health & Education'.</p> <p>The NSS 72nd Round on the subjects 'Domestic Tourism Expenditure' and 'Household Consumption of Consumer Goods & Services'.</p> <p>Annual Survey of Industries (ASI) for 2012-13 would be completed and ASI for 2013-14 would be taken up.</p> <p>Work of Area Enumeration in selected villages and Crop Cutting experiments for selected crops under Improvement of Crop Statistics for the</p>	<p>1st January to 30th June 2014.</p> <p>1st July 2014 to 30th June 2015.</p>	<p>Fieldwork of 71st Round was completed by 30th June, 2014.</p> <p>As per schedule/</p> <p>Work of ASI 2012-13 has been completed and survey for ASI 2013-14 has been started in November, 2014 and targeted to be completed by end of May, 2015.</p> <p>Area Enumeration Survey and Crop Cutting Experiments under ICS for the Agricultural Year</p>	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

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			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					<p>Agricultural Year 2013-14 and 2014-15 would be taken up.</p> <p>Price Collection work for generation of various Price indices will continue.</p> <p>Formation/updation of roughly 1,60,000 UFS blocks.</p>		<p>2013-14 and 2014-15 were taken up.</p> <p>Data collected as per schedule.</p> <p>As per schedule.</p>	
2.9	Strengthening of Data Processing Capabilities of NSSO	Processing of data of the surveys undertaken in DP Centres			Data Entry/ processing/ tabulation of 71 st Round & 72 nd Round schedules.		A per target.	.
		Conduct of pilot experiment on use of modern IT gadget in data collection of Socio-Economic Survey with a view to examining the possibility of			Conduct of a Pilot experiment.		A few alternative solutions for the pilot have already been explored and found to be not suitable for NSS surveys. Work for testing the feasibility of conducting a Pilot experiment on PLFS	

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PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		improving the quality of data through computer guided collection mechanism and to reduce the time lag in data transmission.					schedule using Computer Assisted Personal Interviewing (CAPI) software developed by World Bank is in progress.	
		Strengthening of States' Assistance Unit for new items of work such as pooling, enhancing States' capacity for data processing to enable the States to generate sub-state level estimates to facilitate decentralized planning.			(i) One tabulation workshop (ii) One data pooling workshop (Regional GSDP Workshops) (iii) Software to be distributed to major States/UTs		(i) Two Tabulation Workshops for NSS 68 th and 69 th round were organized at Kolkata. (ii) 4 such workshops have been organized on pooling of central and state sample data (NSS 66 th round) . (iii) Relevant software was distributed.	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		Opening of a Data processing Centre in the North-Eastern Region as long term plan, and setting up of a North-Eastern States Assistance Cell to strengthen data processing capacity in North-Eastern Region and improve the quality of data			Creation of a NE States Assistance cell will be initiated		The proposal was included in the EFC memorandum of the Ministry for the 12 th Five Year Plan.	Further action would be taken after getting formal approval of the proposal
		Capacity building through training to enhance the IT and data processing skill of EDP staff and officers.				Organization of customized training for EDP staff and officers	DPD would organize customized training programme on Oracle RDBMS and LINUX for its officer shortly (by the end of the 2014-15).	
2.10	Strengthening of Survey, Design & Research Capability of	Improved efficacy of subject-specific survey designing, with backup of			NSS 68 th Round (Survey on Consumer Expenditure and Employment &			

CHAPTER – IV (b)
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			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
	NSSO.	analyzed knowledge of previously used techniques. Creation / Updation of Socio-Economic Database for Informed Decision, Planning, Programme Implementation / Appraisal, Research etc. at National/ State/ Regional Level Ensuring Efficient Use of National Resources.			Unemployment) Drafting, finalization and release of NSS Reports as detailed below: 1. 'Nutritional Intake in India' 2. 'Participation of Women in Specified Activities along with Domestic Duties: ' 3. 'Household Consumer Expenditure Across Socio Economic Groups' 4. 'Employment and Unemployment situation among social groups in India' 5. 'Employment and Unemployment Situation in Cities and Towns in India' 6. Household Consumption of		Released Released To be finalized during January-March 2015. Finalized Finalized Released	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					<p>various Goods and Services in India</p> <p>7. Informal sector and conditions of employment in India,2011-12</p> <p>NSS 69th Round (Survey on Drinking water, Sanitation, Hygiene, Housing condition)</p> <p>Drafting, finalization and release of NSS Reports as detailed below: 1. 'Characteristics of Urban Slums' 2. 'Drinking Water, sanitation, Hygiene and Housing Condition'</p> <p>NSS 70th Round Survey on i) "Debt and Investment ii) Land &</p>		<p>Released</p> <p>Released</p> <p>Released</p>	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					<p>Livestock Holdings iii) Situation Assessment Survey of Agricultural Households.</p> <p>Drafting, finalization and release of NSS Reports as detailed below:</p> <p>1. Key Indicators of Land holdings, Livestock holdings in India 2013</p> <p>2. Key Indicators of Debt & Investment in India 2013</p> <p>3. Key Indicators of Situation Assessment Survey of Agri. Households in India, 2013</p> <p>NSS 71st Round (survey on Social Consumption : Health and Education)</p> <p>1. Finalisation of</p>		<p>Released</p> <p>Released</p> <p>Released</p> <p>Completed</p>	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					<p>Tabulation Plan and Estimation Procedure</p> <p>NSS 72nd Round (survey on domestic tourism expenditure and consumer services & durable goods)</p> <p>1. Finalisation of Survey Instruments for field operations after AITOT. 2. Finalisation of sample list and circulation to field offices/state DES. 3. Preparation of FSP, CSP& PDES</p>		<p>Completed</p> <p>Completed</p> <p>Completed</p>	
					<p>Modernization and Strengthening of Library.</p> <p>Digitization and Archiving of NSS Documents.</p>		<p>Continuing process</p> <p>Continuing process</p>	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					Publication of Library Information System-a magazine for in-house information system.		Continuing process	
					Publicity & Dissemination of NSS Reports.		Done	
					e-Governance and automation of office procedure, methodological and research studies		Continuing process	
2.11	Grants -in Aid to NE States for carrying out NSS Survey work in N.E. Region	Improved socio-economic database for N.E. States.			Disaggregated data for each of the N.E. States and Sikkim	2014-15	One installment of the Grants-in-aid to N.E. States and Sikkim for 2014-15 was released in time.	Improved socio-economic database for N.E. States.
2.12	Strengthening of Computer Centre	Data Archiving and Data dissemination, WEB SITE			Security/Auditing of Micro Data archive hosted at the CC web-Server.		In progress	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		(Dev Info)			<p>Change of Host of Micro data archieve from CC-Web Server to NIC Server</p> <p>Uploading documents to archive</p> <p>Documentation/Generati on of CD-ROMs for dissemination.</p>		<p>In progress</p> <p>Continuing activity</p> <p>Continuing.</p>	
					Development of Data Entry Software Error listing / Validation / Updation of records for BSLLD		Updation of software, Scrutiny of records for Haryana Data entry, verification, validation and tabulation of Haryana records	
					Sixth Economic Census: Procurement of Hardware and Software Development of Scrutiny program Development of software for auto-correction.		Tendering process started for 'Development of Web Enabled application having Data Analytics capabilities with GIS Interface - Sixth	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
							Economic Census 2012'. Software for data entry, auto-correction and tabulation developed and data extraction, auto-correction and tabulation work is in progress	
		Consumer Price Index			Processing and compilation for release of CPI(Rural/Urban/Combined) at State/UT and All India level on monthly basis	Continuing	Release of CPI per release calendar	
		WEB SITE			Maintenance / Management /Design / development of web site Revamping of web site	Continuing activity	Revamping of the website could not be taken up in 2014-15 as the financial approval for the proposal was delayed. This is expected to completed in 2015-16	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		IPV6 Development of NSDI node			IPV6 Transition Team Form Metadata preparation		IPV6 Transition Team Constituted Vendor has been awarded the contract to create NSDI Node using Open Source Technologies for socio - economic data on a pilot basis.	
		Training			Organizing training programmes for up gradation of IT skills of the officers/officials and refresher courses in various IT related subjects sponsored by the CSO training division and NASA		Arranged the following trainings: Data Analysis and Report Writing using STATA' for the Sr. level officers. Four batches trained on Computer Applications with Advance Excel for in-	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
							service SSS officers Grade-I Training in use and analysis of NSS Unit level data for officers of SSS. Internship for students of IT institutions and from NASA	
3.	Economic Census (EC)	To conduct Sixth Economic Census to make available basis entrepreneur data and a frame of enterprises in India		140.00	Scanning and Data Capturing of canvassed 6A Schedules.		Scanning of 6A schedules have been completed for 32 States/UTs.	Preparation of State/UT wise Directory of Establishments as well as the All India Report is likely to be delayed due to diversion of DESs staff for Lok Sabha election, 2014 and State level elections in Maharashtra, J&K and Jharkhand during 2014.
					To release All India quick results of Sixth EC.		All India quick results have been released on 30.07.2014.	
					Processing data for All India Report at the Computer Centre.		In progress.	
					To release All India Report of Sixth EC.		In progress.	
					Preparation of State level Directory of		In progress.	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					Establishments.			Further, flood in J&K in Sept, 2014 has also delayed the NIC coding and data entry work.
					Release of State level Directories of Establishments.		In progress.	
4.	Grant-in-Aid to Indian Statistical Institute	Scholastic facilities for top class education and research in the field of Statistics	139.99	125.00	Research Studies, Seminars, Workshops, Conferences, Training Courses and regular Graduation and PG level courses. Office equipment, computers etc. Book, Journals for Library. Renovation of Building/ Campus		All works are being taken up	

CHAPTER – IV (b)
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Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
II. Programme Implementation Wing								
5	Strengthening Monitoring and Evaluation for Project and Programmes			10.00				
5.1	Infrastructure and Project Monitoring	Monitoring of Central Sector Projects costing Rs.150 crore and above on time and cost over-runs.			<p>To bring out the following reports:</p> <p>(1) 12 Flash Reports on projects costing Rs.150 crore & above</p> <p>2) 4 QPSIRS on projects costing Rs. 150 crore & above</p> <p>3) 12 Flash Reports on Mega projects costing Rs.1000 crore and above</p> <p>4) 4 QPSIRS on Mega projects costing Rs. 1000 crore & above</p> <p>5) 12 Project Implementation</p>			

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					Overview 6) Visit to 10-15 selected projects.		One Project site Visited	Due to shortage of staff visits could not be undertaken.
		Monitor Infrastructure performance in 11 key Sectors			1) 12 Review Reports on the performance of infrastructure Sectors 2) 12 Capsule Reports on the performance of infrastructure Sectors 3) Visit projects to identify sector specific problems (once at least)	Monthly Monthly	1 & 2: All reports completed and circulated 3:- Coal Sector – One visit undertaken.	Availability of the data from the concerned Ministries/Project Authorities

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		Institutional development and capacity building in project implementation to improve the quality of project formulation, appraisal, implementation and to improve quality of report and decision making			Conducting 03 training/workshops OCMS for quality information flow	As per availability of slot in NSSTA Continuous	Conducted 02 (Two) Training Programmes and one is proposed in February 2015. The progress status of projects costing Rs.150 crore and above is updated on OCMS.	
5.2	Twenty Point Programme-2006.	Compilation and release of Monthly Progress Reports on TPP-2006.			To release 12 MPRs during 2013-14.	Timely release of monthly progress reports	5 MPR's & 2 Cumulative Progress Reports have been released.	From June onwards MPRs are released on quarterly basis
		Preparation and release of Annual Review Report on TPP-2006.			To prepare and release the Annual Report on TPP for year 2013-14.	Timely preparation & release of Annual Report	Report for year 2013-14 is under preparation.	

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		National Review Meeting of TPP-2006.			To hold National Review meeting.	Timely holding of the Meeting.	*	* The National Review meeting has been kept in abeyance.
6.	Member of Parliament Local Area Development Scheme (MPLADS)	The scheme envisages creation of fixed and durable community assets, to address locally felt developmental needs		3950.00	Release of funds to District Authorities for taking up projects recommended by the Member of Parliament		Rs. 2507.5 crore has been released upto 31.12.2014 during the Financial Year 2013-14. As reported by the districts, an expenditure of Rs. 1920.37 has been incurred. 78548 works have been completed were as 49113 works have been sanctioned during this period. The percentage of works completed over sanctioned for the period is as high as 159.93.	
Other Major Activities under Non-Plan								
A. Central Statistics Office (CSO)								

PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

[illegible]

PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
		also on the Court cases concerning SSS service.			<p>considered and finalized. New cases will be considered on routine basis i.e. twice in a year.</p> <p>4. CMIS Cadre Management Information System is completed and put into operation. Only regular updation work shall be taken Up with the help of feedback.</p> <p>5.INDUCTION (i) Induction from the feeder grade to the post of JSO against 10% quota of the total vacancies in the grade will be taken up on yearly basis from 2012-13. (ii)Participating Ministries/Departments/ Organisations will be asked to extend the posts/names of eligible persons for inclusion in</p>	<p>2014-15</p> <p>2014-15</p> <p>2014-15</p> <p>2014-15</p>	<p>All ACP/MACP cases cleared</p> <p>Completed</p>	<p>with DOP&T</p> <p>Under Process</p> <p>Under Process</p>

CHAPTER – IV (b)
PHYSICAL OUTPUTS AND PROJECTED/BUDGETED OUTCOMES DURING 2014-15 (April, 2014 to March, 2015)

Sl.No	Name of Scheme/ Programme	Objectives/ Outcomes	Outlay 2014-15 (Rs. In Crore)		Quantifiable Deliverables/ Physical Outputs	Process/ Timelines	Achievements	Reasons for variations/Remarks
			Non- Plan	Plan				
1	2	3	4 (i)	4 (ii)	5	6	7	8
					<p>feeder grade as per approved criteria.</p> <p>6. ENCADREMENT Newly created statistical function posts, (vacant) have been encadred into SSS Service in 2012-13. Fresh proposals, if any, shall be considered on quarterly basis from 2014-15</p> <p>7. CIVIL LIST Civil List in respect of SSS will be prepared, published and distributed on annual basis.</p> <p>8. SENIORITY LIST Seniority List in SSO and JSO, as on 1st January, 2015 is being updated and will be issued in the current year.</p>	<p>2014-15</p> <p>2014-15</p> <p>2014-15</p>	<p>As per requisition received from other participating Ministries/Depts of SSS</p>	<p>Under Process</p> <p>Under Process</p>
	GRAND TOTAL		445.88	528.00*				

*: Excluding MPLADS

Chapter - V

Financial Review

Unspent Balances under MPLADS

5.1 An allocation of Rs. 3950 crore was made in the budget Estimate for the year 2014-15.

5.2 The funds released under the Scheme are non-lapsable; the funds received in a particular year by a district, can be utilized in the subsequent financial year(s) also. Therefore, unspent balances lying in the districts are also non-lapsable. Besides, expenditure incurred in a particular year can be more than the funds released in that particular year (as the expenditure incurred covers the funds received in the previous year also)

5.3 The Unspent balance is compiled from the information on funds available and expenditure in the Monthly Progress Reports furnished by the Districts. State/UT-wise details of unspent balances as on 31.12.2014 is given in the statement at Annex-I.

Utilization Certificates under MPLADS

5.4 Earlier, furnishing of Utilization Certificate was not mandatory under the Scheme. The Furnishing of Utilization Certificate of the previous year as a pre-requisite for the release of second instalment of funds was introduced from June, 2005 onwards. From financial year 2012-13, release of first instalment is made on the basis of the release of second

instalment of previous year being made and also provisional Utilization Certificate to be given by the District Authority in respect of 80% of entitlement of 1st installment of previous year. The funds are released only on receipt of the requisite Utilization Certificates.

Chapter V

Unspent Balance of MPLADS as on 31.12.2014

Sl.No	States/UTs	Unspent Balance (Rs. Crore)	Sl.No	States/UTs	Unspent Balance (Rs. Crore)
1.	Nominated	69.71	20.	Punjab	99.37
2.	Andhra Pradesh	215.86	21.	Rajasthan	180.47
3.	Arunachal Pradesh	6.82	22.	Sikkim	8.10
4.	Assam	131.10	23.	Tamil Nadu	243.25
5.	Bihar	469.22	24.	Tripura	13.45
6.	Goa	17.49	25.	Uttar Pradesh	761.72
7.	Gujarat	225.97	26.	West Bengal	351.06
8.	Haryana	90.22	27.	A & N Islands	1.54
9.	Himachal Pradesh	46.98	28.	Chandigarh	5.25
10.	Jammu & Kashmir	63.90	29.	D & N Haveli	5.01
11.	Karnataka	238.62	30.	Daman & Diu	6.03
12.	Kerala	152.61	31.	Delhi	61.66
13.	Madhya Pradesh	206.67	32.	Lakshadweep	5.53
14.	Maharashtra	364.48	33.	Puducherry	8.45
15.	Manipur	12.05	34.	Chhattisgarh	83.68
16.	Meghalaya	15.28	35.	Uttarakhand	54.60
17.	Mizoram	4.82	36.	Jharkhand	128.16
18.	Nagaland	7.62	37.	Telengana	114.52
19.	Odisha	230.36			
Total					4701.64

Chapter –V

Financial Outlays

(`in lakh)

Sl. No.	(A) Activity/Organizarion-wise Classification	Actual Expenditure 2012-13			Actual Expenditure 2013-14		
		Plan	Non-plan	Total	Plan	Non-plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Programme Implementation Wing	418.97	505.91	924.88	317.63	518.58	836.21
2	Secretariat Economic Services	0.00	1536.97	1536.97	0.00	1608.65	1608.65
3	National Statistical Commission	0.00	60.90	60.90	0.00	65.82	65.82
4	Central Statistical Office	0.00	2700.18	2700.18	0.00	2547.31	2547.31
5	National Sample survey Office	0.00	20491.61	20491.61	0.00	22583.51	22583.51
6	Capacity Development	9173.28	0.00	9173.28	6819.62	0.00	6819.62
7	Computer Centre	0.00	510.79	510.79	0.00	550.64	550.64
8	Indian Statistical Institute	4138.64	11716.00	15854.64	3865.82	12795.79	16661.61
9	Indian Statistical Strengthening Project	10.88	0.00	10.88	0.14	0.00	0.14
10	Economic Census	2445.00	0.00	2445.00	2444.71	0.00	2444.71
11	Basic Statistics for Local Leval Development	0.52	0.00	0.52	4.67	0.00	4.67
12	International Cooperation	0.00	0.00	0.00	0.00	0.00	0.00
13	Other Expenditure*	0.00	123.19	123.19	0.00	131.09	131.09
14	Grants to States	19623.58	0.00	19623.58	35744.91	0.00	35744.91
15	Grants to UTs	829.78	0.00	829.78	278.14	0.00	278.14
16	Lumsum provision for schemes for the benefit of North Eastern region & Sikkim	0.00	0.00	0.00	0.00	0.00	0.00
17	Grant in aid to MPLADS	372200.00	0.00	372200.00	393700.00	0.00	393700.00
	TOTAL REVENUE	408840.65	37645.55	446486.20	443175.64	40801.39	483977.03

Chapter –V

Financial Outlays

(`in lakh)

Sl. No.	(A) Activity/Organizarion-wise Classification	Actual Expenditure 2012-13			Actual Expenditure 2013-14		
		Plan	Non-plan	Total	Plan	Non-plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	TOTAL CAPITAL	979.32	0.00	979.32	360.07	0.00	360.07
	GRAND TOTAL	409819.97	37645.55	447465.52	443535.71	40801.39	484337.10

(* incl. Deptt. Canteen & IARNIW)

Chapter –V

Financial Review

(in lakh)

Sl.No.	(A) Activity/Orga nization-wise Classification	Budget Estimates 2014-15			Revised Estimates 2014-15			Expenditure 2014-15 (upto December, 2014)		
		Plan	Non- plan	Total	Plan	Non- plan	Total	Plan	Non-plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Programme Implementation Wing	900.00	570.00	1470.00	509.00	561.00	1070.00	86.14	422.18	508.32
2	Secretariat Economic Services	0.00	1830.90	1830.90	0.00	1466.00	1456.00	0.00	1404.82	1404.82
3	National Statistical Commission	0.00	93.10	93.10	0.00	124.00	124.00	0.00	82.60	82.60
4	Central Statistical Organisation	0.00	2849.00	2849.00	0.00	2332.88	2342.88	0.00	2293.06	2293.06
5	National Sample Survey Organization	0.00	24496.00	24496.00	0.00	22912.25	22912.25	0.00	20440.63	20440.63
6	Capacity Development	12275.00	0.00	12275.00	8997.73	0.00	8997.73	5331.89	0.00	5331.89
7	Computer Centre	0.00	589.75	589.75	0.00	560.00	560.00	0.00	453.35	453.35
8	Indian Statistical Institute & Other	10000.00	13999.00	23999.00	3897.00	14891.92	18788.92	1916.00	11574.00	13490

Chapter –V

Financial Review

(in lakh)

Sl.No.	(A) Activity/Orga nization-wise Classification	Budget Estimates 2014-15			Revised Estimates 2014-15			Expenditure 2014-15 (upto December, 2014)		
		Plan	Non- plan	Total	Plan	Non- plan	Total	Plan	Non-plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
9	Indian Statistical Strengthening Project	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
10	Economic Census	2689.00	0.00	2689.00	1039.00	0.00	1039.00	190.03	0.00	190.03
11	Basic Statistics for Local Level Development	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	International Cooperation	0.00	18.30	18.30	0.00	18.00	18.00	0.00	13.67	13.67
13	Other Expenditure*	0.00	141.95	141.95	0.00	141.95	141.95	0.00	116.02	116.02
14	Grants to States	19471.00	0.00	19471.00	12803.58	0.00	12803.58	9706.57	0.00	9706.57
15	Grants to UTs	375.00	0.00	375.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Lumsum provision for schemes for the benefit of North Eastern region & Sikkim	5280.00	0.00	5280.00	3163.20	0.00	3163.20	0.00	0.00	0.00
17	Grant in aid to MPLADS	395000.00	0.00	395000.00	395000.00	0.00	395000.00	247000.00	0.00	247000.00
	TOTAL	445990.00	44588.00	490578.00	425409.51	43008.00	468417.51	264230.63	36800.33	301030.96

Chapter –V

Financial Review

(` in lakh)

Sl.No.	(A) Activity/Organization-wise Classification	Budget Estimates 2014-15			Revised Estimates 2014-15			Expenditure 2014-15 (upto December, 2014)		
		Plan	Non-plan	Total	Plan	Non-plan	Total	Plan	Non-plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	REVENUE									
	TOTAL CAPITAL	1810.00	0.00	1810.00	522.49	0.00	522.49	107.09	0.00	107.09
	GRAND TOTAL	447800.00	44588.00	492388.00	425932.00	43008.00	468940.00	264337.72	36800.33	301138.05

(* Included IARNIW and Deptt. Canteen)

- Indian Statistical Strengthening Project (ISSP) and Basic Statistics for Local Level Development (BSLLD) have been merged and became Support for Statistical Strengthening (SSS) w.e.f. financial year 2014-15.
- Expenditure 2014-15 (up to December, 2014) is based on e-lekha as on 12th January, 2015.

Chapter –V

Financial Review

(` in lakh)

Sl. No.	SECTION	Actual Expenditure 2012-13			Actual Expenditure 2013-14		
		Plan	Non-plan	Total	Plan	Non-plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	(B) REVENUE SECTION						
1	Salaries*	391.38	23983.05	24374.43	246.53	26100.69	26347.22
2	Overtime Allowance	2.81	6.32	9.13	3.26	5.39	8.65
3	Medical treatment	12.71	192.58	205.29	23.56	206.81	230.37
4	Domestic Travel Expense	951.15	559.49	1510.64	1093.61	581.41	1675.02
5	Foreign Travel Expenses	51.79	3.34	55.13	19.01	0.82	19.83
6	Office Expenses	2228.10	645.14	2873.24	2286.77	641.71	2928.48
7	RRT	10.95	188.66	199.61	44.62	205.83	250.45
8	Publications	422.28	41.27	463.55	371.75	21.57	393.32
9	Other Admn. Expenses	1656.98	142.76	1799.74	509.75	25.40	535.15
10	Other Charges	11.43	0.00	11.43	1.91	0.00	1.91
11	Professional Services	2837.84	94.30	2932.14	2695.83	47.77	2743.60
12	Minor Works	0.00	64.35	64.35	16.33	31.54	47.87
13	Advertising & Publicity	2878.98	0.00	2878.98	2080.55	2.78	2083.33
14	Other Expenditure**	0.00	5.28	5.28	0.00	131.09	131.09
15	International Cooperation	0.00	0.00	0.00	0.00	0.00	0.00
16	Information Technology	531.54	3.01	534.55	128.12	2.79	130.91
17	Grants-in aid to ISI Kolkata & Other	4199.35	11716.00	15915.35	3865.82	12795.79	16661.61
18	Grants-in aid to State Govt.	19623.58	0.00	19623.58	35803.67	0.00	35803.67
19	Grants-in aid to UT Admn.	829.78	0.00	829.78	284.55	0.00	284.55
20	Grants Assistant to MPLADS	372200.00	0.00	372200.00	393700.00	0.00	393700.00

Chapter –V

Financial Review

(` in lakh)

Sl. No.	SECTION	Actual Expenditure 2012-13			Actual Expenditure 2013-14		
		Plan	Non-plan	Total	Plan	Non-plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
21	TOTAL REVENUE SECTION-	408840.65	37645.55	446486.20	443175.64	40801.39	483977.03
	(A) CAPITAL SECTION						
24	Motor Vehicles	0.00	0.00	0.00	0.00	0.00	0.00
25	Machinery & Equipment	0.00	0.00	0.00	8.28	0.00	8.28
26	Major Works	979.32	0.00	979.32	351.79	0.00	351.79
	Total Capital	979.32	0.00	979.32	360.07	0.00	360.07
	Deduct-Recoveries	248.28	0.00	248.28	40.70	0.00	40.70
	Grand Total	409819.97	37645.55	447465.52	443535.71	40801.39	484337.10

(* incl. Deptt. Canteen)

(** incl. IARNIW)

Chapter –V

Financial Review

(` in lakh)

Sl.No.	SECTION	Budget Estimates 2014-15			Revised Estimates 2014-15			Expenditure 2014-15 (upto December, 2014)		
		Plan	Non-plan	Total	Plan	Non-plan	Total	Plan	Non-plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	(B) REVENUE SECTION									
1	Salaries	881.00	28306.48	29187.48	847.44	26047.93	26895.37	123.53	23698.99	23822.52
2	Overtime Allowance	7.50	7.51	15.01	5.25	6.77	12.02	1.94	3.5	5.44
3	Medical treatment	43.50	239.64	283.14	173.50	263.18	436.68	89.09	193.19	282.28
4	Domestic Travel Expense	1314.50	660.63	1975.13	784.05	535.32	1319.37	664.90	453.19	1118.09
5	Foreign Travel Expenses	68.00	15.75	83.75	68.00	14.38	82.38	12.44	9.52	21.96
6	Office Expenses	2483.00	712.62	3195.62	1515.09	662.19	2177.28	759.25	466.26	1225.51
7	RRT	106.50	252.51	359.01	106.50	226.78	333.28	20.52	190.14	210.66
8	Publications	551.00	44.37	595.37	180.32	40.03	220.35	92.40	24.96	117.36
9	Other Admn. Expenses	1583.00	41.62	1624.62	1056.25	38.38	880.63	662.17	17.54	679.71
10	Other Charges	8.00	0.04	8.04	7.00	0.00	7.00	6.86	0.00	6.86
11	Professional Services	4812.00	69.64	4881.64	2986.10	53.44	3039.54	2197.52	36.16	2233.68
12	Minor Works	35.00	60.43	95.43	90.00	54.38	144.38	33.76	1.36	35.12
13	Advertising & Publicity	2839.00	6.18	2845.18	1976.74	5.57	2196.31	709.02	0.00	709.02
14	Other Expenditure*	0.00	141.94	141.94	0.00	141.95	141.95	0.00	116.02	116.02
15	International Cooperation	0.00	18.30	18.30	0.00	18.00	18.00	0.00	13.67	13.67
16	Information Technology	982.00	11.34	993.34	587.49	7.78	595.27	116.54	1.83	118.37
17	Grant-in-aid General & UT without leg.	150.00	0.00	150.00	162.00	0.00	162.00	118.12	0	118.12
18	Grants-in aid to ISI Kolkata & Other	10000.00	13999.00	23999.00	3897.00	14891.92	18788.92	1916.00	11574.00	13490.00
19	Grants-in aid to State Govt.	19471.00	0.00	19471.00	12803.58	0.00	12803.58	9706.57	0.00	9706.57
20	Grants-in aid to UT Admn.	375.00	0.00	375.00	0.00	0.00	0.00	0.00	0.00	0.00

Chapter –V

Financial Review

(` in lakh)

Sl.No.	SECTION	Budget Estimates 2014-15			Revised Estimates 2014-15			Expenditure 2014-15 (upto December, 2014)		
		Plan	Non-plan	Total	Plan	Non-plan	Total	Plan	Non-plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
21	Grants Assistant to MPLADS	395000.00	0.00	395000.00	395000.00	0.00	395000.00	247000.00	0.00	247000.00
22	Lump sum provision for schemes for the benefit of North Eastern region and Sikkim.	5280.00	0.00	5280.00	3163.20	0.00	3163.20	0.00	0.00	0.00
23	TOTAL REVENUE SECTION-	445990.00	44588.00	490578.00	425409.51	43008.00	468417.51	264230.63	36800.33	301030.96
	(A) CAPITAL ECTION									
24	Motor Vehicles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	Machinery & Equipment	60.00	0.00	0.00	28.00	0.00	0.00	0.00	0.00	0.00
26	Major Works	1750.00	0.00	1750.00	494.49	0.00	494.49	107.09	0.00	107.09
	Total Capital	1810.00	0.00	1750.00	522.49	0.00	494.49	107.09	0.00	107.09
	Deduct-Recoveries	0.00	0.00	0.00	0.00	0.00	0.00	11.42	0.00	11.42
	Grand Total	447800.00	44588.00	492388.00	425932.00	43008.00	468940.00	264337.72	36800.33	301138.05

(* Included IARNIW and Deptt. Canteen)

- Indian Statistical Strengthening Project (ISSP) and Basic Statistics for Local Level Development (BSLLD) have been merged and became Support for Statistical Strengthening (SSS) w.e.f. financial year 2014-15.
- Expenditure 2014-15 (up to December, 2014) is based on e-lekha as on 12th January, 2015.

Chapter – VI

REVIEW OF PERFORMANCE OF AUTONOMOUS BODY (INDIAN STATISTICAL INSTITUTE)

6.01 In the early thirties, realizing the necessity for advancement of theoretical and applied statistics in India, the Indian Statistical Institute came into being following the pioneering initiative and efforts of Professor P.C. Mahalanobis. The Indian Statistical Institute was registered on 28th April, 1932 as a nonprofit distributing learned society under the West Bengal Societies Registration Act, 1860. From the beginning, the Institute started showing its excellence in its own way. As the Institute expanded its research, teaching, training and project activities, it started earning national/international recognitions. The outstanding contributions made by the Institute in theoretical and applied statistical work culminated in the recognition of the Institute as an “Institute of National Importance” by an Act of the Parliament, known as “Indian Statistical Institute Act No. 057 of 1959”, which conferred on the Institute the right to hold examinations and award degrees/diplomas in Statistics. Significantly, Pandit Jawaharlal Nehru, the then Prime Minister of India, himself piloted the bill in the Parliament in 1959. As a result, degree courses leading to Bachelor of Statistics (B. Stat.) and Master of Statistics (M. Stat.) and Post Graduate Diplomas in SQC & OR and Computer Science were started from June 1960. The Institute was also empowered to award the Ph.D. / D.Sc. Degree from the same year. Subsequently, Master of Technology (M. Tech) courses in Computer Science (CS) and in Quality, Reliability & Operations Research (QROR) were also introduced. Scope was further enlarged as the Institute was empowered to award degrees/diplomas not only in Statistics but also in Mathematics, Quantitative Economics, Computer Science and such other subjects related to Statistics by virtue of “Indian Statistical Institute (Amendment) Act, 1995, No. 38 of 1995” by the Parliament, which gave greater encouragement to research activities not only in Statistics/Mathematics but also in various branches of Computer and

Communication Sciences, Natural and Social Sciences, Physics and Earth Sciences, Biological Sciences, Statistical Quality Control & Operations Research, Library and Information Sciences in a broader way. Over the years, the Institute has been playing a key role in the development of statistical theory and methods by promoting research and practical applications in different areas of natural and social sciences. “Sankhya – The Indian Journal of Statistics”, being published by the Institute since 1933, is still considered as one of the leading statistical journals of the world. Pioneering research activities were carried out in many areas of statistical theory, especially in the core areas of multivariate analysis, sample surveys and design of experiments. Such activities were strengthened and new directions were opened up by Professor C.R. Rao and many others who joined the Institute in nineteen forties and the tradition continues. Research in economics was greatly stimulated when the then Prime Minister of India, Pandit Jawaharlal Nehru entrusted the preparation of the draft Second Five-Year-Plan of the country to Professor Mahalanobis and the Institute in the year 1954. The “Draft” submitted by the Institute under the leadership of Professor Mahalanobis with the planning models have since been regarded as major contributions to economic planning in India.

6.02 In the field of Computer Science, the Institute has a rich tradition. In 1953, a small analog computer was designed and built in the Institute. In 1956, the Institute acquired a HEC-2M machine from the U.K., which was the first digital computer in India. In early sixties, the Institute, in collaboration with the Jadavpur University, undertook the design, development and fabrication of a fully transistorized digital computer, called ISIJU-1, which was commissioned in 1966 by Shri M.C. Chagla, the then Minister of Education, Government of India. High quality

research, publication and development in the different branches of computer sciences had been carried out by the internationally acclaimed computer scientists of the Institute over the last six decades and their concerted efforts have placed the Institute in the forefront in national and international scenario.

6.03 The ISI also played a pioneering role in starting the Statistical Quality Control (SQC) movement in India by organizing a visit of Professor W.A. Shewhart, the father of SQC, to India in November 1947 and later by inviting other experts like Dr. W.E. Deming, Dr. Ellis R. Ott, Dr. H.C. Tippet and Genichi Taguchi for the same purpose. SQC promotional work of the Institute then gradually spread all over the industrial centres in India under a comprehensive programme covering education and training, applied research and consultancy services. The Institute also became a permanent member of “Quality Council” of India.

6.04 From the early days, the Institute has been interacting with many internationally reputed scientists in different disciplines from the world over. Some of these scientists have worked in the Institute for several months or even longer. Sir Ronald A. Fisher, a pioneer of modern statistics, was a regular visitor and lent considerable support to the Institute. Professor J.B.S. Haldane, a geneticist of international repute, was a member of the faculty for several years beginning from 1957. The celebrated mathematician, Norbert Wiener visited the Institute twice in 1954 and again in 1955-56. The other academic personalities whose longer visits influenced the development of the Institute include the statisticians like Harold Hotelling, Frank Yates, Herman Wold, Edwin Harper (Jr.) and H. Cramer; the Mathematicians like A.N. Kolmogorov, Yu. V. Linnik, J.L. Doob and more recently Vaughan F.R. Jones; Statistical Quality Control experts like Walter Shewhart and G. Taguchi; Economists like Simon Kuznets, Paul A. Baran, Joan Robinson, Jan Tinbergen, Nicholas Kaldor, R.M. Goodwin, David and Ruth Glass, J.K. Galbraith and more recently Eric S. Maskin, Joseph E. Stiglitz, James A. Mirrlees; Geologist like Pamela Robinson; Biochemists like N.W. Pirie

and Linguists like D. Kostic. All along the Institute has tried to live up to Ronald Fisher’s dictum that Statistics is a “Key Technology” in view of its intimate relevance to all scientific endeavours, which involve experimentation, measurement and inference from sample to aggregate.

TEACHING AND TRAINING DIVISION

6.05 During the academic session **2014-2015**, a total of **20958** candidates applied for admission and were called for written selection tests for various courses offered by the Institute, viz., B. Stat. (Hons.), B. Math. (Hons.), M. Stat., M. Math., Master of Science (M.S.) in Quantitative Economics, M.S. in Library and Information Sciences, M. Tech. in Computer Science, M. Tech. in Quality, Reliability and Operations Research, Post-Graduate Diploma in Statistical Methods and Analytics, Post-Graduate Diploma in Computer Applications, **Research Fellowships** in Statistics, Mathematics, Quantitative Economics, Computer Science, Quality, Reliability and Operations Research, Physics and Applied Mathematics, Agriculture & Ecology, Human Genetics, Geology, Library and Information Science, and Linguistics. Admission tests were conducted at **31** different centers all over the country. **36** different centres (**35** centres were all over the country and **01** centre was at Jeddah in Saudi Arabia). A total of **13477** candidates finally appeared for admission tests and a total of **843** candidates qualified in the written tests, and were called for interviews. Based on the performance in the written tests, interview and the academic records, **340** candidates were offered admission to various courses during the academic session under review. The annual examinations for all the regular courses during 2013-2014 academic sessions were held during May 2014. The 2014-15 academic session commenced from **July, 2014**.

6.06 Forty-Ninth Annual Convocation of the Institute was held on 9th January, 2015. Dr. C. Rangarajan, Former Governor of Reserve Bank of India and President, ISI, presided over the function. The annual review by Prof. Bimal K. Roy, Director, ISI, and Chairman’s Address by Dr. Arun Shourie, Former Union Minister of Telecommunication &

Information Technology, and Chairman of ISI Council and also awarded the medals to the recipients. This was followed by a Convocation Address by Prof. Eric S. Maskin, Nobel Laureate and the Chief Guest of the programme. The degrees were awarded to students by Dr. C. Rangarajan. Till **1st December, 2014, 89** trainees of Engineering and Technology courses from various Universities/Institutions received four weeks/six weeks/two months/three months /four months and six months Project training in different Units of the Institute, viz., ACMU, AERU, BAU, CSSC, CVPRU, DEAN'S OFFICE, ECSU, ERU, GSU, HGU, ISRU, MIU, PAMU, SMU and SQC & OR under the guidance of different faculty members of the Institute.

INTERNATIONAL STATISTICAL EDUCATION CENTRE (ISEC)

6.07 The ISEC, came into being in 1950, with joint efforts and operation of by the International Statistical Institute and the Indian Statistical Institute, under the auspices of the UNESCO and the Government of India. The Centre, as an associated body of the Institute, functions under a joint board of Directors. Professor P.C. Mahalanobis was the Chairman of the Board of Directors since its inception in 1950 until his death in 1972. Since then, National Professor C.R. Rao, F. R. S., has been the Chairman of the Board of Directors. The announcement for the 68th term Regular course was made from the Centre at Kolkata. In addition, a number of prospectus and application forms were distributed through ITEC, Ministry of External Affairs, Government of India. The Government of different countries was invited to nominate suitable candidates for training at the Centre. The applications for admission were forwarded to the Centre through the respective Indian Missions. This year, 14 trainees from 9 different countries, namely Afghanistan, Gambia, Mongolia, Myanmar, Niger, Nigeria, Togo and Tanzania attended the course. All of these trainees were supported by fellowship of the ITEC/SCAAP/ of Government of India.

RESEARCH WORK

6.08 The research activities of the Institute are grouped in the following Divisions:

Theoretical Statistics and Mathematics; Applied Statistics; Computer and Communication Sciences; Physics and Earth Sciences; Biological Sciences; Social Sciences; Statistical Quality Control & Operations Research; and Library, Documentation & Information Sciences. In addition, there are three centers i.e. Computer & Statistical Services Centre (CSSC), Soft Computing Research: A National Facility and R.C. Bose Centre for Cryptology and Security. The Computer & Statistical Services Centre (CSSC) has the responsibilities of the management of in-house computer system of the Institute and providing computing and statistical services to scientific workers. The "Centre for Soft Computing Research: A National Facility" is functioning as an associated body of the Institute. R.C. Bose Centre for Cryptology and Security providing facility for teaching training and research activities on Cryptology and Data Security to the nation. It will be located at Gupta Niwas, 45 B.T. Road, Kolkata-700056, Near Dunlop Bridge. Following research activities were carried out by respective division of the Institute during the year.

THEORETICAL STATISTICS AND MATHEMATICS DIVISION

The Division has four Units at Kolkata, Delhi, Bangalore and Chennai. Research works carried out by these units are as follows:

Stat-Math Unit, Kolkata

6.09 Statistics, Probability Theory and Stochastic Processes, Mathematics, Large dimensional linear time series models, Noncommutative Geometry and Quantum Groups, Studying combinatorics of Free Probability and other natural sciences.

Stat-Math Unit, Delhi

6.10 Theoretical and applied probability, Matrix analysis and its applications, distance matrix and squared distance matrix, Random

matrices, free probability, Limit distribution theory for residual based empirical processes, Sampling in network data, Penalized estimation in finite population setup, results on relations between subgroups of some exceptional groups, Study of various positivity properties of matrices, Study of different problems on the Riemannian manifold of positive definite matrices esp. Worked on the irreducibility of polynomials, exponential diophantine equations involving products of terms of Pells and Pell-Lucas sequences, results on some diophantine involving Fibonacci sequence the irreducibility of Hermite-Laguerre polynomials, Quantum stochastic processes, Quantum information theory, Optimal quantum state determination by constrained elementary measurements, Investigation of the group of R-equivalence for algebraic groups of type F_4 and E_6 , E_8 .

Stat-Math Unit, Bangalore

6.11 Noncommuting Sets in Unipotent Groups and Noncommuting Structures in Geometric configurations, Vector bundles with finite free resolution over hypersurfaces, Euler classes of vector bundle over suspension of projective spaces, Complex structures on Dold manifolds, Homotopy category of chain complexes, Further studies on p-adic Lie groups of type R. Periodic points on solenoids and related topics are being studied, Several complex variables and its connection with symplectic geometry, Geometry of Banach spaces, spaces of Bochner integrable functions, proximality properties, Continuing with research on SPDE's, Martingale representation theorems and the role of 'last entrance times', Hilbert modules over polynomial algebra, Hardy module and submodules and quotient modules, doubly commuting tuples of operators satisfying kernel-positivity conditions, Structure of étale fundamental groups over PAC fields of positive characteristic; Moduli of covers of curves over positive characteristic fields, Completely positive, symmetric representations and completely bounded maps.

Stat-Math Unit, Chennai

6.12 Analysis of the Wu metric on Levi Corankone ellipsoids in C^n , Univalent Harmonic Mapping, and Quasiconformal Mappings, Turan type Inequalities for special functions, Composition operator on various function spaces.

APPLIED STATISTICS DIVISION

The Division consists of four units, i.e. Applied Statistics Unit (ASU) & Interdisciplinary Statistical Research Unit (ISRU) are at Kolkata, Applied and Official Statistics Unit (ASOU), North-East Centre at Tezpur and another Applied Statistics Unit (ASU) at Chennai. Research works carried out by these units are as follows:

Applied Statistics Unit, Kolkata

6.13 Response-adaptive designs, Surrogate responses, Discrete-valued time series, Circular data, Environmental pollution, Sample Surveys, Design of Experiments, Combinatorial Methods and their Applications, Multiple hypothesis testing and Bayesian Model Selection, Design of Experiments, Combinatorial Methods and their Applications, Reliability and Survival Analysis, Bayesian Variable Selection in Regression Problem Using g-priors and Mixtures of g-priors, Reliability and Survival Analysis, An attempt has been taken to classify n-variable Boolean functions based on bias, influence and energy with the help of Fourier Transform, Some study has been done to characterize amino acids as well their chemical properties from a given codon from mathematical point of view at the cost of minimum time and space complexity, The problem of degeneracy of codon table has been addressed from mathematical point of view with the help of Fourier Transform, Utilizing the concept of structural biology an effort has been initiated towards understanding the driving force for recognition of DXCA exclusively by PPCA among its homologs (PPCB, PPCC, PPCD and PPCE) which is further rationalized by mathematical modeling, An attempt has been taken to find out the mathematical basis of "iron-protein classification" with the help of on-the-shelf classification of Boolean functions as well as Fourier Transform, Research has been carried out on

“Cryptographically significant MDS matrices” and “Low degree equations for S-boxes”, Authenticated Encryption (AE), Symmetric Key Domain Extension. I have found flaw in a very important result which has been used for several years in symmetric key cryptography, Generic Construction of functional encryption, Generic construction of signcryption, Hardware implementation of newly proposed AE and universal hash functions which are very important components of AE, cryptology including modes of operations of symmetric ciphers, hierarchical identity-based encryption, broadcast encryption in symmetric key and identity-based settings, statistical analysis of Trivium stream cipher, analysis of multiple linear cryptanalysis of block ciphers, index calculus algorithms for discrete log computations in medium prime fields and small genus hyperelliptic curves.

Interdisciplinary Statistical Research Unit, Kolkata

6.14 Estimation Problems related to Randomized Response Technique (RRT) in Sample Surveys, Efficient and Robust Weighted Likelihood Methods, A Spatio-Temporal Study of Groundwater Arsenic Contamination of West Bengal and Bangladesh, Robust Two-Sample Wald Type Tests, A General Framework for Minimum Disparity Estimation, A Minimum Distance Weighted Likelihood Estimator, Optimal Blocked Main Effects Plans with Unequal Block Sizes, Contaminated One Way ANOVA Model, Critical sets in Different Sudoku designs, Application of Statistical Classification Techniques for Improved Content Based Image Retrieval (CBIR), Gamma/hadron segregation for a ground-based imaging atmospheric Cherenkov telescope using machine learning methods, Validation of a new background discrimination method for the TACTIC TeV γ -ray telescope with Markarian 421 data, Robust Speaker Identification Based on Robust Statistical Procedures Involving Different Divergence Measures, A Bayesian Semiparametric Approach to Learning About Gene-Gene Interactions in Case-Control Studies, Asymptotics Related to Classical Inference in Stochastic Differential Equations with Random Effects, Bayesian Asymptotics in Stochastic Differential Equations with Random Effects, A Note on the Misuse of the Variance Test in Meteorological

Studies, Variable selection using Shrinkage, State Estimation of Wireless Sensor networks, Analysis of Longitudinal data for multiple related groups.

Applied Statistics Unit, Chennai

6.15 Capital Asset Pricing using Horseshoe Prior, Time Series of Functional Data, Performance of Inequality Indices, Rotational Random Shuffling for High-Dimensional Time Series, High Dimensionality Effects on the Efficient Frontier, A unifying tool towards the estimation of Gini index. A Gini based exact test against NBUE alternatives, A semi-parametric estimation of linear transformation model.

Applied and Official Statistics Unit, North-East Centre, Tezpur

6.16 Statistics, Waste management and Tea chemistry.

COMPUTER AND COMMUNICATION SCIENCES DIVISION

The Division comprises the Advanced Computing & Microelectronics Unit (ACMU), Computer Vision & Pattern Recognition Unit (CVPR), Documentation Research & Training Centre (DRTC), Electronics & Communication Sciences Unit (ECSU), Machine Intelligence Unit (MIU) are at Kolkata and Systems Science & Informatics Unit (SSIU) are at Bangalore. Research works carried out by these units are as follows:

Advanced Computing and Microelectronics Unit, Kolkata

6.17 Algorithmic & Architectural Design Issues of Microfluidic Nano-Biochips for Bioassay Execution, Cloud Computing, Distributed Computation in Pervasive Computing Environments, Formal Verification, Logic Synthesis for Quantum Computing, Massive Data Algorithms, Power and Bandwidth Management in Wireless Networks Phase II, Reconfiguration Problems, Synthesis Methods for Quantum Logic Circuits, QoS improvement through Internetworking of WLAN and UMTS Networks, Visibility with Diffuse Reflections: bounds and algorithms, Voronoi Game.

Computer Vision and Pattern Recognition Unit, Kolkata

6.18 Pair-copula based heterogeneous mixture models, and mixture models involving both linear and circular data, and estimation of their parameters; Information retrieval in legal domain; Handwriting recognition using hidden Markov models; Perspective detection and summarization from news articles; Unsupervised facet generation in text search; Construction of a South Asian Face database; Study of the effect of internet use on brain structure; Cognitive architecture of face processing; Script Identification from Handwritten Documents; Video Text Understanding; Multilingual Word Spotting for Degraded Documents; Algorithms for blind quality assessment of images, tamper detection and correction; Blind source separation of audio signals; Document Analysis; Old Printed text word spotting; Document processing in compressed domain; Characteristics of Bangla handwriting styles, Bangla handwriting text database creation etc; Pattern Recognition; Language Processing; Pronominal Anaphora Resolution in Bengali; Lemmatization and word sense disambiguation in Bengali; Machine Translation (Indian languages including English to Hindi); Event extraction from technical literature on Cancer Genetics; Named Entity Recognition (NER) in Indic languages.

Electronics and Communication Sciences Unit, Kolkata

6.19 Video processing, Image processing and Analysis, Recognition of emotional expressions from images of face, Fuzzy Sets, Bioinformatics, Evolutionary Computing and Swarm Intelligence, Imbalanced Data Machine Learning, Secured Semantic Web Applications.

Machine Intelligence Unit, Kolkata

6.20 Controlled Pattern Recognition and Data Mining, Web and Network Analysis, Image and Video Analysis, Bioinformatics and Computational Biology, Medical Imaging, Computational Intelligence, Machine Vision and Perception, Automatic Target Recognition.

Documentation Research and Training Centre, Bangalore

6.21 Knowledge Organization, Digital Libraries and Semantic Web, Development Universal Knowledge Core, Multilingual data in Indian languages for Universal Decimal Classification, Library and Information Technology, Big Data, Institutional repositories and Open Access to Information.

Systems Science and Informatics Unit, Bangalore

6.22 Mathematical Morphology in Spatial Extrapolations, Development of mathematical morphology-based algorithms for generation of contiguous cartograms from point-data and, for modelling the spatiotemporal behaviour of varied phenomena via cartograms (Internally Funded Project- On Going), Morphing of Grayscale DEMs via Morphological Interpolations, Ranks for Pairs of Spatial Fields via Metric based on Grayscale Morphological Distances, Variable-Specific Classification of Zones, Pairs of Zones, and Clusters of a Spatial System via Modified Gravity Model, human depth EEG signals, Pattern recognition, Machine learning, Image Processing.

Computer Science Unit, Chennai

6.23 Recursive MDS diffusion layers in light-weight cryptography, Acyclic edge colouring of complete bipartite graphs, Backward and forward induction reasoning in dynamic games, Comparing programs, plans, protocols, strategies from a formal viewpoint, Rational decision making in groups: aggregative and deliberative perspective, Forbidden structure characterization of circular-arc graphs, Strong edge colouring of graphs, Determination of VPG and EPG bend numbers of Halin graphs, Analysis of the stream cipher RC4 in the related-key and standard settings, and addressing a related combinatorial problem, Security analysis of the RCR ciphers, Evaluation of some of the schemes submitted to the Password Hashing Competition (PHC) and the Competition for Authenticated Encryption: Security, Applicability, and Robustness (CAESAR).

PHYSICS AND EARTH SCIENCES DIVISION

The Division comprises the Geological Studies Unit (GSU) and Physics & Applied Mathematics Unit (PAMU). Research works carried out by these units are as follows:

6.24 Geological Studies Unit, Kolkata : Stratigraphic analysis of the Cuddapah, Bhima and Kaladgi successions: implications for Palaeoproterozoic to Neoproterozoic lithospheric dynamics of southern India, Depositional models and sedimentation history of Proterozoic sedimentary basins of Peninsular India, Numerical models of fluid flow in Cuddapah basin: Implications for mineralization, A comprehensive study on vertebrate faunal assemblage of the Jurassic Kota Formation, Pranhita-Godavari basin, India, Jurassic Gondwana vertebrates of India: An integrated study on Palaeobiology, Tectonics of metabasalt-metagranite association in a Proterozoic schist belt (southern NSB) – petrological and geochemical approach, Fault zone, fractals and crustal deformation in the Eastern Himalaya, Community Structure and ecology of the Mesozoic non-marine tetrapods of the Gondwana basins of peninsular India, Vertebrate microfossils from the Tiki Formation of Rewa Gondwana basin: an integrated study on Upper Triassic biodiversity, Study of gastropod diversity from the Indian fossil record (Mesozoic-Cenozoic) with special emphasis on phylogenetic systematics, evolutionary trends and palaeoecological interactions, A study of Neogene and Quaternary successions of eastern Himalayan foreland basin, "Ganga River Basin Environmental Management Plan" funded by Ministry of Environment and Forest, Govt. of India, Sedimentology of the Triassic and Jurassic sedimentary deposits of the P.G. Valley Gondwana Basin, Morphometric properties of the Trans-Himalayan river catchments: clues towards a relative chronology of orogen-wide drainage integration.

6.25 Physics and Applied Mathematics Unit, Kolkata: Theoretical Physics, Fluid Mechanics, Applied Mathematics, Interdisciplinary Research, Numerical approaches to theoretical condensed matter systems,

Analytical research on strongly correlated electronic systems, Application of random matrix theory - A cross-disciplinary research is being carried out regarding the applications of random matrix theory in finance and condensed matter theory.

BIOLOGICAL SCIENCES DIVISION

The Division consists of Agricultural and Ecological Research Unit (AERU), Biological Anthropology Unit (BAU) and Human Genetics Unit (HGU). Research works carried out by these units are as follows:

6.26 Agricultural and Ecological Research Unit, Kolkata: Evaluation of different sources and levels of phosphorus on field crops in Eastern India, Site Specific Nutrient Management (SSNM) System for Submerged Rice in the Eastern Plateau Region of India, An investigation on antimicrobial potential of chebulic myrobalan (Fruit of *Terminalia chebula* Retz.) against methicillin-resistant, *Staphylococcus aureus*, Competition or facilitation between two invasive plants, Determination of Functional response under selective predation through experimentation and modelling, Cooperative Recovery Mechanism: A Safeguard for Minimizing Extinction Risk.

6.27 Biological Anthropology Unit, Kolkata: Genetic Epidemiology of malaria in Northeastern regional populations, Health status and Health Behaviour of Santals: comparison between urban and rural groups, Health of Stone quarry workers of Birbhum District.

6.28 Human Genetics Unit, Kolkata: Genomic and Epidemiological Studies on Common Diseases in Indian Populations, Somatic mutations in mitochondrial DNA: Important molecular markers to distinguish oral precancer and cancer, Comparative evaluation of miRNA expression in oral submucous fibrosis (OSF) and squamous cell carcinoma (OSCC), Epigenetic studies on Oral Cancer, Genetic and epigenetic studies on Psoriasis, Genetics and Functional Genomics of Pancreatic Cancer, Identification and Characterization of Somatic Mutations in Gall Bladder

Cancer, Statistical Genomics, Statistical Methods for Analysis of Complex Traits.

SOCIAL SCIENCES DIVISION

The Division consists of Economic Research Unit (ERU), Economic Analysis Unit (EAU), Linguistic Research Unit (LRU), Economics and Planning Unit (EPU), Population Studies Unit (PSU), Psychology Research Unit (PRU), Sampling & Official Statistics Unit (SOSU) and Sociological Research Unit (SRU). The Economic Analysis Unit (EAU) is located at Bangalore and the Economics and Planning Unit (EPU) at Delhi whiles other six Units at Kolkata. Research works carried out by these units are as follows:

6.29 Economic Research Unit, Kolkata: Polarization and Conflict, Cooperative Game Theory, Multidimensional Indicators of Well-being, Vulnerability; Spatial and Temporal Price Index Numbers, Purchasing Power Parity, Budget Share Distribution, Demand Analysis; Intra House Models; Inflation and Inflation Uncertainty, Asymmetric Mean Reversion and Cross-Country Volatility Dependence in Returns, Asymmetry in the Extracted Housing Wealth Effects on Consumption in the USA and the UK, Convergence in Food Grains Production in Indian States using Panel Models, New Estimators for Models with Multi collinearity and Autocorrelation, and their Comparisons; R&D and Patent; The Impact of Communication on Cognition: Evidence from Contracting Experiments, Misreporting without Strategic Interest: the Role of Consequences and Antecedents; General Equilibrium Theory, Game Theory; Diversity Index; Informal Household Water Market and Determinants of Price; Measurements of Poverty and Gender Bias, Poverty Eradication Programmes in India, Variation of Adult Heights and Weights in India; Modification of Chow Test; Factors Associated with Age at Menarche; Panel Data Models, Financial Time Series Models; Growth Theory, Development Economics; Trade, Tariff and Employment; Game Theory, Industrial Organization, Mechanism Design under Incomplete Information, Social Choice Theory; Game Theory,

Mechanism Design, Algebraic Graph Theory, Social Choice Theory, Probability Theory (Percolation, Random Matrix), Number Theory, Epistemic Game Theory; Inequality and Conflict; Economic Development, International Trade, Political Economy; Open Economy Macroeconomics.

6.30 Linguistic Research Unit, Kolkata: Substantivist Lexicological Study of Bangla, Interlexical Study of Asamiya in a Substantivist Framework, Sociolinguistics, Corpus Based English Language Teaching (C-BELT) System, Domain-Specific Parallel Corpora of Hindi and Bengali, POS Tagging of Bengali Words in the Bengali Corpus, Digital WordNet for Bengali, Self Help English Language Learning (SHELL) System for Teaching English to Bengali Learners, Field Linguistic Survey at Linguistic Field Surveys in Jharkhand, Bengali Pronunciation Dictionary in Electronic and Printed Form.

6.31 Population Studies Unit, Kolkata: Gender Disparity in Nutritional Status of Children in India, Co-relates of Fertility Preference among Currently Married Women in Indian States, Under-Nutrition in Children under five years in Purulia District of West Bengal, The reasons for dropout of mentally retarded children from therapeutic intervention, Inequality of health care services in Empowered Actions Group (EAG) states in India.

6.32 Psychology Research Unit, Kolkata: Cognitive Processing through PASS model and its role in determining academic performance of school students of North- Eastern India, Development of Information Processing Test through Successive Learning, Differential validity of computer programming abilities, Individual Differences in Similarity-based Reasoning: Problem of Psychological Assessment, School climate perception and innovative work behaviour among secondary school teachers, A study on medical healthcare insurance need, A study on job satisfaction of health insurance agents, A study on job satisfaction of health insurance customers, Parenting style and academic

achievement of the school student, Personality and management of diabetes, Self-esteem and Coping strategies in University Students, Development and Validation of a Cognitive measure for Juvenile Delinquent in Indian Context.

6.33 Sampling and Official Statistics Unit, Kolkata: Agent Intermediate Lending, Distributive Impacts of Loans to Finance Smallholder Agriculture, Market Structure and Middleman Margins, Relative Importance of Information and Credit Constraints, Study on Arsenic Contamination, Strategic Litigation and Sales Tax, Protection of Privacy in Generating Randomized Response by Inverse mechanism, Measuring Outsourced Manufacturing Process in India – its Relevance in National Accounts Compilation, Estimating the Size of Homogeneous Population via Bayesian Method Under a Complex Dual-record system, Politics of Violence: Identity, Isolation and Strategy in Insurgency Areas of India, Analysis of Survey Data on Consumer Confidence, Inflation Expectation and Industrial Outlook. Poverty and Aspiration, Direct & Indirect Role of Various Socio Economic & Demographic Factor, Health and Family Welfare, Poverty Line, Methods for capturing variation in ageing of population in selected states in India, Temporal variation in the chance of labour absorption in workforce by age, sex, education and residential area over different districts in West Bengal, India: A statistical analysis.

6.34 Sociological Research Unit, Kolkata: Gender and Labour: A Study of Coffee Industry of Karnataka, Contextualizing Intergenerational Mobility of Women ‘Techies’ of Kolkata, Causes of HIV/AIDS in underdeveloped Countries: A critical Review, Development of Tribal Women in Rural Jharkhand, The Health problems of ageing in India: some theoretical issues, Changing Matrilineity of the Khasi Society of Meghalaya, Empowerment of Tribal Women in India: A Brief Review on Actions Taken and Goals Achieved, Women in Natural Resource Collection: Experience from Rural Jharkhand in India, Existing Status of Co-operatives Specially Milk Co operatives in India : The Case Study of

West Bengal, NREGA on Women in West Bengal, Status of Muslim Women: A Case Study of North 24-Parganas District in West Bengal, Atmospheric Fine and Coarse Mode Aerosols at Different Environments of India and the Bay of Bengal During Winter-2014: Implications of a Coordinated Campaign, SNA approach for survival strategy of rural poor: A case study from Jharkhand and Bengal, Land Alienation, Dispossession and Displacement: A Reappraisal of Constitutional Safeguards and Tribal Rights, Land Reforms and Record Management in Tribal Areas: Pertaining Issues and Prospects, Current Trends in Land Records Management, Variation of Adult Heights and Weights in India: State & Zonewise Analysis, Women’s intra-household decision making power in Jharkhand state, India, Height, weight and BMI of the teenagers: A Comparative Study of Jharkhand, Bihar, West Bengal and Orissa, Women autonomy and its influence on motherhood care, Studing Performnce of old adults under special adult literacy programme of Tripura, Panchayat Raj and Human Development in India: With Special Reference to Dalits, Temporal Trend of Anemia Among Reproductive-Aged Women in India, Domestic violence against women in Jharkhand, Labour market discrimination in India, Unpaid Family Labour in Handloom Sector in West Bengal, Comparative Study on Gender Segmentation in Organized and Unorganized Manufacturing Sector of India, Survival Strategy of elderly headed households of rural West Bengal: An SNA approach, Application of Social Network Analysis in Livelihood System Study.

6.35 Economics and Planning Unit, Delhi: Mid-day meals in India, Women political leaders corruption and learning, Impact of china’s Hukou system, Female labour force participation and child education in india, Electoral competition and corruption, Determinants of women's labour supply in India, Micro finance, Conflict, Holdup and bargaining and vertical product differentiation with behavioural assumptions, Service sector growth, international trade in services, economics of terrorism, Fiscal policy in small open economies, Endogenous growth theory, Emerging market business cycle models, Unbalanced growth,

Optimal tax policy and public education, Mechanism design, Strategic voting, Social choice theory, The Mahatma Gandhi National Rural Employment Guarantee Scheme: implementation and effects, Human capital and economic development, Food supply chains, Biotechnology regulation, Food Policy, Cost of living index, Mechanism Design in various environments, climate impacts on Indian electricity demand, wheat yield, and the income of the poor, Public versus Private Provisioning: Role of Education and Political Participation, Financing Higher Education: Comparing Alternative Policies, Education Financing Policy: Income Contingent Loans and Educational Poverty Traps, Inequality, Neighbourhoods and Welfare of the Poor.

6.36 Economic Analysis Unit, Bangalore: Aspects of socio-economic development using quantitative methods. Studies of incomes of small farmers, impact of caste and exclusion on socio-economic variables, labour markets and occupational mobility, rural housing and housing shortages, nature of agrarian relations and development of capitalism in different regions of the countryside.

STATISTICAL QUALITY CONTROL AND OPERATIONS RESEARCH DIVISION

The Division now comprises of seven units located at different places like Bangalore, Chennai, New Delhi, Hyderabad, Kolkata, Mumbai, Pune and a Central SQC (CSQC) Office located in the main Campus at Baranagar. The CSQC office functions as an office of the elected Head of the Division and coordinates various activities of the division. Supervising thesis, dissertation and project work by research scholars, M. Tech. (QROR) and M. Stat. students is also another aspect of the responsibilities of the divisional members. During the one-year period the Division organized many in-plant and general training programmes tailor-made for the organizations' requirements. A lot of managers and other senior level executives and several operators and technicians have been trained on various topics of quality management. The division also expanded its activities in providing its expertise to Iran. Majority of the

nine units mentioned above were primarily engaged in providing consultancy to various organizations, though there are a couple of units which also carried out both theoretical as well as applied research in the areas as detailed below. The Division has been accredited by the Quality Council of India to offer certificate course in Six Sigma Green Belt. Research works carried out by these units are as follows:

6.37 SQC & OR Unit, Kolkata: Study on Some Challenging Issues in Implementing Lean Six Sigma, Impact on Noise Quality due to Highway and Infrastructure Development, Optimum reliability acceptance sampling plans under hybrid censoring, Optimum life testing plan under hybrid censoring using Bayesian approach, Inference and optimum life testing plan under progressive type-I interval censoring, Quality adjusted lifetime distribution using copula models, Inference based on length biased data, Healthcare Data Quality Assessment System for HMIS of Health & Family Welfare Department, West Bengal – Externally funded research study, Assessment of Technical Parameters for Improvement of Higher Education Performance of the Provincialised Colleges under Assam University – collaborative research project, Detection of Surface Defects in Cold Rolled Steel Products, Tests of non-monotonic stochastic aging notions in reliability theory, Weighted Weibull Distribution: Properties and Estimation, On testing exponentiality against NBAFR alternatives, Inference for the component and system lifetime distribution of a k-unit parallel system based on system data, Tests for exponentiality against NBUE alternatives: a Monte Carlo comparison.

6.38 SQC & OR Unit, Delhi: Mathematical Programming, Linear Complementarity Problem (LCP) and its generalizations, Optimization problem in graph theory, Matrix Theory (Study of Matrix Classes useful in Complementarity, Optimization and Game Theory), Non-cooperative games, Algorithms for Stochastic Games.

6.39 SQC & OR Unit, Bangalore: Design for Six Sigma for both Product Design and Process Design.

6.40 SQC & OR Unit, Chennai: Working on multiple response optimization involving one or more categorical response variables from orthogonally designed experimental data, Values for games for linear transformation relative to a self-dual cone and extension of some classical results of Kaplansky and Raghavan, Relationship of value of Z-transformation (which is a generalization of a Z-matrix), to various properties such as the positive stable property, the S-property, etc, Study of pseudo Schur complement and the pseudo principal pivot transform, Game theoretic application to social networks.

6.41 SQC & OR Unit, Coimbatore: Software Sector, Finance Sector, HR Sector, Environmental Sector, Health Care Sector, Aero Space Sector, BPO Sector, Infrastructure, Food Processing, Educational – School.

6.42 SQC & OR Unit, Hyderabad: Areas of research: Linear Complimentarily Problem, Decision Support Systems, Six Sigma, DOE, SPC, Text Data Mining, Generalized Gaussian Distributions (GGD).

6.43 SQC & OR Unit, Mumbai: Multivariate multistage SPC, Challenges in implementing Lean Six Sigma, Training and project mentoring in implementing Six Sigma/ Lean Six Sigma, Development of QC sampling plan, Design and Analysis of Survey on Employee Engagement, Training on Reliability Engineering.

6.44 SQC & OR Unit, Pune:
Six Sigma.

LIBRARY, DOCUMENTATION AND INFORMATION SCIENCES DIVISION

The Library, Documentation and Information Science Division comprises of Central Library at Kolkata, Delhi Centre Library, Bangalore Centre

Library, Chennai Centre Library, North-East Centre Library at Tezpur, Assam. The Division is perhaps the most important central facility of the Institute.

6.45 Central library, Kolkata: The Central Library of ISI is located in Kolkata with a network extending to other locations. Over the years, the Library has provided exhaustive information sources for academic and research activities of the Institute and has attained the distinction of being one of the richest libraries of the country, particularly in the field of Statistics, Mathematics, Economics, Computer Science and related disciplines. The Library also acts as the Eastern Regional Center Library of National Board for Higher Mathematics (NBHM) since 1989 for which it receives a grant from the NBHM, Department of Atomic Energy, and Government of India. The library provides the following services: Collection; Publications Exchange Programme; Membership; Web-OPAC; Circulation Service; Self-photocopying Service; Reprographic & Photographic Services; Documentation Service; Preservation and conservation. The library has prepared and sent more than 1200 journals and 50 books for binding, Preservation and conservation: In this period 4 books were laminated and de-acidified. 500 books were fumigated during this time. The total collection is expected to cross 3.16 lakhs with the addition of estimated 500 books 1300 bound volumes and 150 government reports/data books. The library will get around 4000 loose journals in this period. The library is expected to prepare more than 1000 journals and other documents for binding, 40 books and journals for fumigation. Around 400 books will be processed and four issues of Current Additions to the Library will be published and distributed to all members of the NBHM consortium. The library will continue to maintain the separate bibliographic database of 'Scientific Contributions of the ISI science 1934' using CDS/ISIS software. It is expected that around 1000 articles from online journals and more than 2000 pages will be photocopied from journals from the self-photocopying service. From the central photocopying service around 2,00,000 lakhs of photocopies will be made. It will continue to provide

the Document Delivery service. The Library will organize 4 workshops/conferences during this period.

6.46 Library, Delhi: Indian Statistical Institute, Delhi Centre, maintains an academic library, which aims to be leading library in fields of Mathematics, Statistics, Economics, Econometrics, Operations research and Statistical Quality control. An automated library, having an excellent collection of books, journals, CDs, reports, Govt. publications and other documents in print and electronic formats. The library caters, mainly to the needs of bonafide students, scholars and staff of the institute. However, it is also open for reference to academic and research users of other educational and scientific institutions of the city and its neighboring regions. The library provides the following services: Collection of Books, Journals, CD-ROMs; Online Resources; Consortia Based Subscription; Exchange Programme; Services for Circulation Services, Reprographic Services, Electronic Document Delivery Services, Current Awareness Service; Library Web-OPAC (Books); Libsys OPAC; Web-enable library services; Library Trainees.

6.47 Library, Bangalore: Indian Statistical Institute, Bangalore Centre has a library which is steadily growing into a modern high-tech library aiming to provide 'State of the art Library service' to its clientele. 'Continuous Improvement' is the Quality motto or our library service. The library has distinguished collection in the field of Mathematics, Statistics, Economics, Statistical Quality Control and Library and Information Science. The Library caters to the information needs of Faculty members, students, research scholars and visiting Scientists. Library also caters to the walk-in users from the other research institutes and Universities. The library provides the following services: Circulation Services; Inter Library Loan Services; Reprographic Service; Web Based Library Services.

6.48 Library, Chennai: Indian Statistical Institute, Chennai Centre, maintains an academic library, which aims to be leading library in fields of Mathematics, Statistics, Economics, Econometrics, Operations research and Statistical Quality control. An automated library, having an excellent collection of books, journals, CDs, reports, Govt. publications and other documents in print and electronic formats. The library caters, mainly to the needs of bonafide students, scholars and staff of the institute. However, it is also open for reference to academic and research users of other educational and scientific institutions of the city and its neighboring regions. The library provides the following services: Collection of Books, Journals, CD-ROMs; Online Resources; Consortia Based Subscription; Exchange Programme; Services for Circulation Services, Reprographic Services, Electronic Document Delivery Services, Current Awareness Service; Library Web-OPAC (Books); Libsys OPAC; Library Trainees.

6.49 Library, Tezpur: Indian Statistical Institute, North-East Centre, Tezpur, maintains an academic library, which aims to be leading library in fields of Mathematics and Statistics with limited collection in the fields of Computer Science, Soil Science, Geography and Library Science. An automated library has started its service from mid 2013. The library caters, mainly to the needs of bonafide students, scholars and staff of the institute. However, it is also open for reference to academic and research users of other educational and scientific institutions of the city and its neighboring regions. The library provides the following services: Collection of Books, Journals, CD-ROMs; Online Resources; Exchange Programme; Services for Circulation Services, Electronic Document Delivery Services, Current Awareness Service; Library Web-OPAC (Koha) etc.

CENTRE FOR SOFT COMPUTING RESEARCH: A NATIONAL FACILITY

6.50 Computational Theory of Perception and f -granulation, Video Analysis, Social Network Analysis, Data Mining, Granular Computing, Computing with Words, Web Intelligence, Swarm Intelligence, Neural Computation, Fuzzy Sets, Rough Sets and Logic, Evolutionary Algorithms, Bioinformatics, Cognitive Vision.

COMPUTER AND STATISTICAL SERVICES CENTRE (CSSC)

6.51 Throughout the Year CSSC managed the central computing facilities of ISI, Kolkata. It served approximately 700 users. Software packages available at the centre are – R, ArcGIS and Matlab. All the centres (Delhi, Bangaluru, Chennai and Tezpur) of the institute are connected with CSSC by 10 mbps Point to Point connection. The infrastructure of the institute's servers, software, Network (wire and wifi), Network and Internet security, IP Telephones, Video conferencing, e-library and internet facilities (NKN - 1 gbps and TATA – 200 mbps) are managed by the CSSC and used by all the centers of the institute as a LAN. The video conference meetings and classes (M. Tech. in Computer Science and PGDA of ISI Tezpur) are organized by the CSSC throughout the year. The Video conference facilities have been used in 90% days of the year 2014-2015 through web based (<http://www.isical.ac.in/~cssc>) booking. CSSC provided statistical and numerical consultancy services to scientists and research scholars, including non-ISI scientists. Members of CSSC took part in teaching different courses of the institute and also supervised project work of non-ISI students studying MCA, B.Tech. etc. In addition, it organized the following activities.

R.C. BOSE CENTER FOR CRYPTOLOGY AND SECURITY

6.52 Attribute-Based Encryption, Stream Ciphers, Quantum Computing, Steganography, Key Management in Wireless Sensor Networks, Cloud Security, Security and Fault Tolerance in Smart Grids and IoT.

EXTERNALLY FUNDED PROJECT

6.53 Apart from theoretical and experimental plan research, the Institute also undertook a variety of about one hundred twenty nine externally funded projects from different Government and non-Government organizations like ICAR-GoI, World Bank, DBT-GoI, DST-GoWB, DST-SERB, Rashtriya Chemicals & Fertilizers Ltd.-GoI, IBM, Ministry of Tourism, Govt.of India; DGCI&S, Ministry of Commerce and Industry, Govt. of India, Indo-German DST project, European Commission, DST/University of Trento, Italy, Central Electricity Authority, EU-No Poor Grant, International Growth Center, Planning Commission, Government of India, Department of Micro and Small Scale Enterprises, Government of West Bengal, South Asia Network of Economic Research Institute (SANERI), State Finance Commission, Government of West Bengal, IGC, London School of Economics, London, De Beers Group, Ministry of Environment and Forests, Govt. Of India, DIT, Govt. of India, funded by Maastricht University, The Netherlands, INSA, India, US Army, Department of Science and Technology, New Delhi, DST-JSPS, Samsung, Korea, University Grants Commission, Airports Authority of India, MoCA, GoI, SERB, Govt of India, DST-CONACyT Indo-Mexican Joint Project, SERC Fast Track Scheme, Apollo Tyres Ltd, RITES Ltd., DST-RFBR Project (Indo-Russian), German Ministry of Education, The NHF, The Netherlands, 7th European Community Framework Programme, Bharat Electronics Limited, Bangalore, TVS Motors Hosur, Infosys, Bangalore, Mind Tree Limited, Bangalore, ITC, Bollaram, ITC, Kovai, Biocon Ltd., TVS Srichakra Limited, Madurai, National Academy for Defence Production, Nagpur, L & T Mysore, Mother Dairy, Delhi, ITC (Triveni Tissues), Price Waterhouse Coopers, Tata Steel, Dept of H & FW, NRHM, Govt. of W.B, Technova Imaging Systems Ltd., Marico Limited, Maersk, Mumbai, BNY Mellon, Pune, Emerson Ltd., Pune, Balasore Alloys Ltd., Balasore, Orissa, Reliance Industries Limited, Jamnagar, DFSS Classes, BEL, Gaziabad, CII, Intel Corporation, IBM, MSR Labs India, TVS Brakes, Chennai, United Beverages-Palaghat, TCTP-Erode, MYK-Hyderabad, Bannariamman Spinning Mills, FCRI, Palaghat, Defence

Institute of Advanced Technology (DIAT)-Pune, FactSet India Pvt. Ltd., Amazon India Development Centre, Hyundai Motor India Engineering Pvt. Ltd., Aditya Birla group, HDFC Bank, L&T Limited, Sterlite Technologies Ltd.-Aurangabad, Xavier Institute of Management-Bhubaneswar, Essar Steel India Limited, Naval Armament Inspectorate, Indian Navy-Mumbai, Department of Electronics and Information Technology, - Govt. of India, Indo French Centre for the Promotion of Advanced Research (IFCPAR), Indian National Science Academy and Department of Science and Technology - Government of India, The Society for Natural Language Technology Research (SNLTR), Council of Scientific and Industrial Research, Qualcomm etc.

SEMINARS, WORKSHOPS, CONFERENCES, SYMPOSIUMS ETC. ORGANISED

6.54 During the year, the Institute organized several seminars, workshops, conferences, symposiums with the participation of leading academicians/scientist from India and abroad. A few of them are highlighted below:

- Seminar on “Software Reliability from Crowd Sourced Data”, Computer Science Unit, ISI, Chennai held on April 10, 2014.
- Seminar on “Six Sigma Green Belt (Week End Full Time)”, Statistical Quality Control and Operations Research Unit, ISI, Chennai during April-26-May 04, 2014.
- Advanced Instruction School (AIS) on “Operator Theory”, Stat-Math Unit, Bangalore during June 2 – 21, 2014.
- Seminar on “Simpson’s Paradox and Collapsibility Results for Survival Models”, Stat-Math Unit, ISI, Chennai held on June 10, 2014.
- Workshop on “Secure Networking and Forensic Computing (SNFC)”, R.C. Bose Center for Cryptology and Security, Kolkata during June 10-14, 2014.
- Workshop on “Computational Aspects of Game Theory”, Electronic & Communication Sciences Unit during June 16-20, 2014.
- Advanced Instructional School on “Diophantine Equations”, Stat-Math Unit, Delhi held at H. P. University, Shimla, during June 16-July 4, 2014.
- Workshop on “Achieving Breakthrough Quality (Edition 4)”, Statistical Quality Control and Operations Research Unit, Coimbatore held on June 29, 2014.
- Seminar on “Bound states of a quantum many-body system and number theory”, Physics & Applied Mathematics Unit, Kolkata held at Saha Institute of Nuclear Physics, Salt Lake City, Kolkata held on July 22, 2014.
- Certification Program on “Six Sigma Black Belt (BB-20)”, Statistical Quality Control and Operations Research Unit, Bangalore, during August 9-17, 2014 & September 26-29, 2014.
- Workshop on “Basic Statistics Using Software”, organized by Applied Statistics Unit, Kolkata held during August 14-18 2014.
- Seminar on “Statistical Process Control”, Statistical Quality Control and Operations Research Unit, Hyderabad held at Bharat Dynamics Ltd., Hyderabad during August 20-21 2014.
- Training Program on “Macro and Microeconomics”, Economics and Planning Unit, Delhi during July 21 – August 1 2014.
- Seminar on “Economic Impact of Political Protests (Strikers) on Firms: Evidence from Bangladesh”, Economic Research Unit, Kolkata held on August 25, 2014.
- Seminar on “Diffusion MRI”, Electronic & Communication Sciences Unit on August 27, 2014.
- Workshop on “Soft Computing and Applications (SCA'14)”, jointly organized by JSS Academy of Technical Education, Noida and Center for Soft Computing Research, ISI, Kolkata at JSS Academy of Technical Education, Noida held on during September 02-04, 2014.
- Workshop on ‘Official Statistics in North-Eastern States’, Sampling and Official Statistics Unit, during September 13-15, 2014.

- North-East Workshop on “Techniques of Data Analysis”, Interdisciplinary Statistical Research Unit, Kolkata at Dimapur Government College, Dimapur, Nagaland during September 15-19, 2014.
- North-East School on “ISI-SU Autumn School on Machine Intelligence and Applications”, Machine Intelligence Unit, Kolkata at Department of Computer Applications, Sikkim University, Gangtok, Sikkim held on September 22– 26, 2014.
- Training Programme on “Six Sigma Green Belt”, Statistical Quality Control and Operations Research Unit, Delhi Centre during September 24 – 26, 2014.
- Workshop on “Quantum Paradigms and Security”, R.C. Bose Center for Cryptology and Security, Kolkata, during September 27-28, 2014.
- Training Programme on “Six Sigma Master Black Belt”, Statistical Quality Control and Operations Research Unit Mumbai during October-November, 2014.
- Pre-IAMG-Conference on "Mathematical Morphology in geosciences and Geoinformatics", Systems Science and Informatics Unit at Jawaharlal Nehru University, New Delhi, during October 15-16, 2014.
- Lectures and Discussion Session on “Mathematics of Public Key Cryptography”, Stat-Math Unit, Delhi held on October 16-17, 2014.
- Workshop on “3rd Delhi Macroeconomics”, Economics and Planning Unit, Delhi held on October 31, 2014.
- International Workshop on “Semantics for Data”, Documentation Research and Training Centre, Bangalore at JNU conventional centre, New Delhi, held on November 02, 2014.
- Seminar on “Sample Design Adopted in Socio-Economic survey of NSSO and some issues”, Sampling and Official Statistics Unit, held on November 18, 2014.
- Seminar on “Ancilla assisted suppression of decoherence”, Physics & Applied Mathematics Unit, Kolkata held at The Institute of Mathematical Sciences (IMSc), Chennai held on November 21, 2014.
- Conference on “India Biodiversity Meet, 2014”, Agricultural & Ecological Research Unit, Kolkata held during November 21- 23, 2014.
- National Conference on "Recent Trends in Research on Biological Anthropology in the Eastern and North-Eastern India", Biological Sciences Division, during November 21-23, 2013.
- Seminar on “Social and Economic Impact of International Migration”, Economic Analysis Unit, Bangalore held on November 27, 2014.
- Conference on "Influence of subaqueous processes on the construction and accumulation of aeolian sand sheets", Geological Studies Unit, Kolkata held on November 28, 2014.
- Seminar on “Biological insights from fossil bones”, Geological Studies Unit, Kolkata held on December 04, 2014.
- Sixth workshop on “Forum for Information Retrieval Evaluation”, Computer Vision and Pattern Recognition Unit held at ISI Bangalore during December 5-7, 2014.
- Workshop on “Lectures on Probability and Stochastic Processes IX”, Stat-Math Unit, Kolkata during December 12-16, 2014.
- International Summer and Winter Term (ISWT) on "Spatial Ecology & Remote Sensing", Systems Science and Informatics Unit at IIT-Kharagpur, during December 15-27, 2014.
- Training Programme on “Six Sigma Black Belt”, Statistical Quality Control and Operations Research Unit, Mumbai to be held during January-March, 2015.
- International Workshop on “Statistical Methods for Business and Industry Applications”, Applied Statistics Unit, ISI, Chennai will be held during January 08-09, 2015.
- International Conference on “Robust Statistics 2015 (ICORS 2015)”, Interdisciplinary Statistical Research Unit, Kolkata to be held on January 12-16, 2015.

- National Conference on “Adolescent Development: Issues and Challenges”, Psychology Research Unit, Kolkata will be held on January 29 - 30, 2015.
- North East Workshop on “Pattern Analysis and Applications”, Computer Vision and Pattern Recognition Unit at Nagaland University, Dimapur will be held during February 9-13, 2015.
- Conference on” Business Analytics” ISI, Chennai will be held on February 28, 2015 & March 01, 2015.
- Indo-German Workshop on “Distributed Algorithms”, Advanced Computing & Microelectronics Unit during March 9 - 13, 2015.

PUBLICATION

6.55 The internationally renowned journal *Sankhya*, an official publication of the Indian Statistical Institute, was founded by Professor P.C. Mahalanobis in 1932 and began publication under his editorship. It is devoted to original research articles in Probability, Mathematical Statistics and Applied Statistics. Reviews and discussion articles on current research activity in the above areas are also published. Many seminal articles in the above areas have appeared in *Sankhya*. *Sankhya* receives articles from all over the world and publishes only those which pass the rigorous peer review process. The Editorial Board of *Sankhya* includes internationally reputed scholars in relevant area from all over the world. Theoretical Statistics and Applied Statistics have appeared in *Sankhya*. The journal is published in two separate series – Series A and Series B. Series A with two issues per year, one in February and the other in August, covers Probability and Theoretical Statistics, while Series B with two issues per year, one in May and the other in November, covers Applied and Interdisciplinary Statistics. Beginning 2010, Springer has entered into a co-publication agreement with the Institute and has exclusive rights for the international distribution of the journal. The editorial system is now completely electronic. i.e. the entire process starting from submission of articles to editorial processing ending in final editorial decision for articles is now done online.

SCIENTIFIC PAPERS AND PUBLICATION

6.56 During the year, about six hundred thirty one scientific papers were published for publication in different journals of national and international importance.

SCIENTIFIC ASSIGNMENTS ABROAD

6.57 One hundred nine scientists of the Institute visited a number of foreign countries either on invitation or under cultural exchange programme to attend international seminars and conferences. Most of them presented scientific papers and delivered lectures in those seminars and conferences. Countries visited by ISI faculty members were Australia, Belgium, Brazil, Bangladesh, China, Dubai, Finland, France, Germany, Geneva, Greece, Hanoi, Israel, Italy, Iran, Japan, Korea, Malaysia, Moscow, Netherlands, Norway, Oman, Poland, Portugal, Perugia, Russia, Romania, Sri Lanka, Spain, Seoul, Singapore, South Korea, Switzerland, Sweden, South Africa Singapore, Takizawa, Turkey, Thailand, Taiwan, USA, UK.

VISITING SCIENTISTS

6.58 One hundred eighty seven scientists from Australia, Bangladesh, Brazil, Canada, Croatia, China, Egypt, France, Finland, Germany, Italy, Iran, Israel, Japan, Mexico, Malaysia, Nigeria, Norway, Qatar, Russia, Romania, Sweden, Switzerland, Singapore, South Africa, United Kingdom, USA and also from India visited the Institute to attend various Workshops, Conferences, Seminars etc. and also to participate in collaborative research, teaching and other scientific activities of the Institute.

RECOGNITION TO ISI SCIENTISTS

6.59 In appreciation and recognition to the high standard of research and scientific excellence maintained by the researchers of the Institute, several faculty members received laurels in the forms of Awards, Fellowship from organizations of national and international importance like DST, IEEE, INSA, etc. Several faculty members served as visiting scientist, honorary professor, visiting professor, Visiting Professors in various universities in US and Europe; Indian Council of Social Sciences Research (ICSSR); Indian National Science Academy etc. Besides, many faculty members were invited by national and international Institute/bodies to act as chairman, members, chief editor, editor in their several committees/editorial boards etc. Among those, some of the most notable recognitions earned by the faculty members are indicated below:

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- Sankar K. Pal awarded Diamond Jubilee Medal of IETE by The Institution of Electronics and Telecom Engineers, India for Outstanding research contributions over the years.
- Madhura Swaminathan selected Member, Committee on Development Policy by United Nations, Department of Economic and Social Affairs, New York.
- Neena Gupta awarded INSA Medal for Young Scientist 2014 by Indian National Science Academy.
- K.R. Parthasarathy awarded Indian National Science Academy Ramanujan Medal - 2013 in the year 2014.
- V.K. Ramachandran awarded National Fellowship by Indian Council of Social Science Research.
- T.S.S.R.K. Rao awarded Fullbright Academic and Professional Excellence Award.
- Umapada Pal selected Fellow International Association for Pattern Recognition by International Association for Pattern Recognition for contributions to Indian multi-script document processing and handwriting recognition and for service to the IAPR.
- Tanvi Jain awarded SERB Women Excellence Award awarded by SERB.
- Rajendra Bhatia selected to Chair Indian National Committee on Mathematics.
- Ansuman Banerjee selected NTU Tan Chin Tuan Exchange Fellowship Engineering by Nanyang Technological University, Singapore for Research and Development in 2014.
- Prabal Roy Chowdhury selected ICSSR Senior Fellowship in Social Sciences by ICSSR and awarded for lifetime contribution to social sciences.
- Atanu Biswas selected Associate Editor, Sequential Analysis; Communications in Statistics, Theory and Methods and Sri Lankan Journal of Applied Statistics.
- B. Sury elected as Fellow of the National Academy of Sciences, Allahabad, India.
- Sushmita Mitra awarded Distinguished Lecturer by IEEE for Contribution to Computational Intelligence.
- Sagar, B.S.D. selected Member, Scientific Committee, 34th IEEE International Geosciences and Remote Sensing Symposium, Milan, Italy during July 26-31, 2015.
- Bhargab B. Bhattacharya awarded INAE Outstanding Teachers Award by Indian National Academy of Engineering (INAE) for Teaching, Mentoring, and Research in 2014.
- Utpal Garain selected IAPR Technical Committee Chair (TC-6) by International Association for Pattern Recognition for contributions to Computational Forensics for 2014-16.
