

## **Recommendations**

### **Recommendations of the SSSP are given below:**

*Based on the review of the current situation of the statistical system in Himachal Pradesh and with the ultimate objective of improving the authenticity, quality and timeliness of the Statistical outputs, the following recommendations are made, so that they are taken up seriously and implemented by the State Administration.*

### **Administrative Recommendations**

- 1. The present Directorate of Economics & Statistics (DES) needs to be converted into a full-fledged Department of Economics & Statistics with the up gradation of the post of Director to Secretary to the State Government. This recommendation has also been made by the National Statistical Commission (NSC), Ministry of Statistics & Programme Implementation (MOS&PI) and currently been implemented in 32 States.*
- 2. In the present set up all vacant positions in the DES and also vacant statistical posts in the Line Departments should be filled immediately and if required new posts should also be created.*
- 3. The present post of the Economic Adviser of the DES (proposed to be Secretary of Department of Economics & Statistics) should be in the PB-5 Pay Band with Grade Pay of 10000 i.e. ( 37400- 67000 + 10000 ).*
- 4. Besides the Secretary the DES should have one Director in the PB-5 with Grade Pay of 8900 i.e. (37400-67000+8900)*
- 5. For assisting the Director five Joint Director with Grade Pay of 8200 i.e. (15600-39100+8200) and five Deputy Directors with Grade Pay of 6600 i.e. (15600-39100+6600), five Assistant Directors, with Grade Pay of 5400 i.e. (15600-*

39100+5400) at Head Quarters level for each technical divisions covering GSDP, IT & ISSP; State Domestic Product (SDP) and related activities; Social Statistics, Official Statistics NSS and other Surveys & Studies; Industrial Statistics; Monitoring & Evaluation, Miscellaneous Statistics for Research Studies and Administration and training. A suitable number of supporting Statistical Officers, Statistical Assistants and Investigators. For administrative management of these activities one post of Superintendent Grade-I need to be created for smooth functioning of administration work at HQ level.

6. All the vacant posts at Head Quarter and 12 District Offices should be filled in on priority basis for normal/smooth functioning of the field level statistical offices.
7. The District Offices should be headed by not less than the rank of Deputy Director supported by One Assistant Directors and suitable number of supporting Statistical Personnel for technical work and for administration work one post of Superintendent G-II needs to be created.
8. All major Line Departments generating core statistics (other than those being produced by the DES) such as Agriculture, Land Records, Education, Health & Family Welfare, Horticulture, Animal Husbandry etc. should expand their statistical activities and upgrade their statistical units/cells to a Division headed by a Deputy Director Level Officer assisted by Assistant Directors and sufficient number of other supporting statistical personnel. The Deputy Director in charge of the Statistics Division should report directly to the Principal Secretary/ Secretary of the concerned Line Department and Secretary of Department of Economics & Statistics.
9. The rest of the Line Departments generating statistics pertaining to their administrative needs should also expand and upgrade their statistical units/cells to an independent Division headed by Assistant Director Level Officer supported by

*sufficient number of supporting Statistical Personnel. The Assistant Director in charge of the Statistics Division should report directly to the Principal Secretary/ Secretary of the concerned Line Department and Secretary of Department of Economics & Statistics.*

- 10. In Some Line departments e.g. PWD, IPH, Environment, and Cooperation a Statistical Cell has also been proposed.*
- 11. To cater the needs of timely and quality data generated from grass root level it is proposed that 77 Block Statistical offices in all Blocks of H.P. should be re-established. These Block Offices be headed by a Statistical Officer with Grade Pay of 4400 i.e. (10300-34800+4400) assisted by a Statistical Assistant with Grade Pay of 4200 i.e. (10300-34800+4200), One Investigators with Grade Pay of 3600 i.e. (10300-34800+3600), One Data Entry Operator with Grade Pay of 3600 i.e. (10300-34800+3600), and One class IV personnel.*
- 12. At the Panchayat level a Common Service Personnel (CSP) proposed to be appointed on part time basis to capture/compile village level data/statistics covering all households and establishments and agricultural/industrial/commercial units located in the villages under the jurisdiction of the Panchayat. He / She can be appointed on a fixed amount of ` 7500 per month for compilation of village level data for the entire panchayat as and when required.*
- 13. Administrative decisions should be taken for providing sufficient working space for the DES and its Field Offices. For this the DES and the field offices should have separate buildings which can be created by undertaking construction of a new multi-storey office building. For the District Offices, separate adequate office space has to be provided in the District Collector's Offices or in independent*

*Building structure .Till such time sufficient office space should be provided by the state PWD for the DES and its field offices.*

- 14. Administrative decisions are required to be taken by the concerned Line Departments for providing sufficient working space for their Statistics Divisions/Cells for improving the quality of data being compiled and tabulated and extra statistical activities undertaken to plug the data gaps.*
- 15. A Technical Committee in collaboration with the NIC and the IT Department responsible for e-governance needs to be constituted to assess the IT/ICT needs of the DES, its field offices and also for IT needs of the Line Departments. There is also a need for introduction of GIS and other advance mapping software for improving the accuracy of the methods of data collection at the village and Panchayat levels.*
- 16. Administrative supports in terms of office equipments, transport facilities etc. Needs to be provided to the DES and to the Statistical Divisions in the Line Departments for improving the quality of data being compiled and tabulated and extra statistical activities undertaken to plug the data gaps.*
- 17. To meet the training needs of the DES and other Statistical Offices necessary administrative decisions are required to be taken by the State Govt. for establishment of a separate Statistics Training Institute at a suitable place like Manali or Dharmshala for meeting all types of statistical trainings of DES and other Statistical Personnel of the Line Departments.*
- 18. Immediate action may be taken by the Principal Secretary of the Economics & Statistics Department in consultation with the Personnel Department for a thorough Cadre Review and creation of a Common Statistical Cadre on the lines of the Indian Statistical Service (ISS) and Indian Economics Services (IES). For*

*Supporting Economical & Statistical Service (ESS) to man all economics & statistics positions in the DES, its field offices and in the Line Departments and may be named as the Himachal Pradesh Economics & Statistics Service (HPESS).*

- 19. A full time post of the Chief Registrar of Births and Deaths and his/her office need be created by the State Government for effective implementation of the RBD Act, 1969 Under the Department of Economics & Statistics, as already prevailing in most of the States.*
- 20. An administrative action is required for monitoring the Centre /State funded schemes and work programme under MPLAD & MLALAD should also be monitored by Department of Economics & Statistics.*
- 21. There is need for maintaining Household level computerised demographic data set to serve as a frame/base line data which can be obtained on request from the Registrar General and Census Commissioner in the Govt. of India. Such request has to be made by the Chief Secretary to the Union Home Secretary for use of micro level census data with due care for data dissemination and following the provisions of the amended Census Act of 1948. The 2011 Census Data can be used as the data base of population & socio-demographic characteristics of the population at the micro level for future Updation and for undertaking health and economic related developmental activities by the concerned line departments.*
- 22. Necessary action is required to be taken for framing Rules under the latest Statistical Act, namely, “The Collection of Statistics Act 2008”. For effective implementation of “The Collection of Statistics Act” 2008, a detailed circular needs to be issued by the DES to all Line Departments and other agencies responsible for data collection and generation of statistics about the Act. The DES may also initiate a series of workshops for the Secretaries, Heads of the Departments and others for apprising them of the provisions of the Act and the*

role of the Line Departments and also conduct exposure/orientation training programmes on the provisions of the Act for all the Statistical Personnel.

- 23. For effective implementation of India Statistical Strengthening Project (ISSP) in the State of Himachal Pradesh, Karnataka model (Karnataka Statistical System Development Agency) could be replicated which is looking after all administrative work for this Project.**

*The following recruitment procedure for the Statistical posts in the proposed Department of Economics & Statistics of the Government of Himachal Pradesh need to be adopted.*

*The recruitment procedure for officers of the proposed Himachal Pradesh Economics Statistics Service (HPESS) and the supporting Economical & Statistical Personnel is proposed to be similar to that of the Indian Statistical Service (ISS), and the Subordinate Statistical Service (SSS) of the Central Ministry of Statistics & Programme Implementation (MoSPI). Officers of the proposed HPESS needs to be recruited by the H. P. Public Service Commission (HPPSC) on the lines similar to that of the state civil services with 2/3 full papers/subjects pertaining to Statistical Methods, Statistical Sample Surveys, Information Technology and Computer Applications and Applied Econometrics/Economics. The minimum qualification for eligibility to write the HPESS needs to be Post Graduate degree in Statistics/Economics with Statistics/Commerce. The direct recruitment for the HPSS may start at Class -I level as Assistant Director/ with time bound promotion to the next grades of Deputy Director/ Joint Director/ Director and the Secretary of the DES/Department of Economics & Statistics. There is a need for hundred percent promotions to the next grade/position by following suitable procedures of the DPC on the basis of merit-cum-seniority criteria.*

*For the Non-Gazetted supporting statistical positions the minimum academic qualification should be Graduate with Statistics/ Economics/Commerce (with one subject of Statistics in case of Commerce & Economics). For promotion to class -I, HPESS posts the required academic qualification of post graduate in above mentioned stream need be*

*relaxed for the supporting statistical posts and the quota at the entry level i.e. at Assistant Director Position the direct recruitment vs. promotion need be kept at 50 percent.*

*The cadre strength of the HPESS and the supporting departmental feeder Statistical Posts can be worked out by the DES in consultation with the State Department of Personnel and major Line Departments producing official statistics with the objective of producing reliable and timely official statistics and career prospects of the statistical personnel.*

*As a good number of the existing statistical posts in the DES and the Line Departments are vacant, urgent administrative actions are required to be taken to fill up the existing positions and also necessary administrative approvals for up-gradation of these posts. For better coordination with Line Departments and State Administration the recommended Secretary/Director/Joint Directors/Deputy Directors/Assistant Directors Posts should be filled up from the existing Statistical Officials.*

### ***Qualification for Statistical Personnel's in Himachal Pradesh***

<b><i>S.N.</i></b>	<b><i>Name of Post</i></b>	<b><i>Qualification</i></b>
<i>1</i>	<i>Assistant Director</i>	<i>Post Graduate in Economics/ Stat./Maths/Commerce</i>
<i>2</i>	<i>Statistical Officer/Block Statistical Officer</i>	<i>Graduate in Economics/Commerce/Statistics</i>
<i>3</i>	<i>Statistical Assistant</i>	<i>Graduate in Economics/Commerce/Statistics</i>
<i>4</i>	<i>Statistical Investigator</i>	<i>Graduate</i>
<i>5</i>	<i>Data Entry Operator</i>	<i>Graduate and Six months Certificate course in Computer Application.</i>

### ***Technical Recommendations pertaining to the 20 key statistical activities according to specified national standards***

- a) ***To raise the accuracy and reliability of statistics:*** *For improving the accuracy and reliability of the statistics being produced by the DES and the line departments the following strategies are recommended:*

1. *Training of staff of DES and line departments as per the CSO technical specifications on data assessment techniques and data collection techniques.*
2. *Effective coordination among stakeholders to produce compatible statistics and meeting quality standards.*
3. *Improvement in the quality of supervision of data collection.*
4. *Establishment of a better statistical infrastructure needed to produce good and timely economic and social statistics.*
5. *Filling of all vacant posts of primary workers or outsource the work wherever it is required.*
6. *Focus on the 20 key Statistical Activities for providing reliable, credible and timely data in the first instance and extend this to the entire state statistical system and*
7. *Conduct of type studies to improve the base level data wherever needed.*

***b) Recommendations for improving the standards and reliability of the 20 key statistical activities***

***1. State Domestic Product (SDP) Estimates:***

*To achieve reliability of the SDP estimates it is necessary a) to have latest rates and ratios, for which a number of type studies should be conducted by the DES, b) Commercial Taxes Department to be requested to revise the VAT returns to suit the needs of the SDP estimates, c) Evolving uniform format for obtaining annual accounts of NDCUs in a soft copy entered through a software to be developed for this purpose by the DES, d) Reconciliation of agriculture and horticulture data to have single data set, e) Development of a suitable software for compilation of annual accounts of local bodies, f) Establishment of GDP WAN facility and other infrastructure provided by the CSO*

*To achieve credibility of the SDP estimates it is recommended a) to freeze the estimates at the end of third year of the estimate and b) having a single dataset with different agencies.*

*To achieve timeliness in bring out the estimates it is proposed to, a) bring out advanced estimates by 25th of February every year (current year estimates), b) bring out quick estimates by 10th of February every year (previous year estimates) and c) bringing out final estimates by 31st of January every year (year before last)*

## **2. Estimates of Capital Formation and Savings:**

*For improving the estimates of Capital Formation and Savings it is suggested that technical guidance is obtained from the CSO to start estimation of Savings and include private sector also. The DES should initiate necessary steps for a) Preparation of Public and Private Components of GFCF which may require a dedicated project to compile estimates of Capital Formation for public and private from 1999-00 to till date. This exercise will build the capacity of DES personnel to compile estimates for future years; b) Development of a suitable software for compilation of Capital Formation and Savings estimates; and c) such compilation of estimates should be undertaken by the DES on annual basis.*

## **3. Estimates of District Domestic Product**

*To achieve reliability of the estimates a) All DSOs should start compilation of DDP estimates under guidance of the DES, b) the DES should develop a software for compilation of Budgets and annual accounts of local bodies at district level, c) up gradation of in-house IT infrastructure and development of relevant software for compilation, and d) conduct of regular training for staff- orientation and re-orientation courses. There is need for undertaking pilot surveys to fill the data gaps at the district level.*

## **4. Estimates of the Contribution of Local Bodies**

*For this a) All DSOs should commence compilation of estimates of the contribution of local bodies after a survey to be undertaken by the DES, b) The Budget and Accounts of Local Bodies need be computerized, c) Reports need be generated at*

*district and state level before the compilation of SDP and DDP estimates, and necessary steps need be taken by the DES so that the Rural Development and Panchayat Raj (RDPR) and Urban Local Development Department start to monitor the submission of Budget and Annual Accounts of Local Bodies to the concerned authority on time so that the computerization of these documents takes place on time*

### **5. Annual Survey of Industries (ASI)**

*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 changes in the growth, composition and structure of organised manufacturing sector comprising activities related to manufacturing processes, repair services, gas and water supply and cold storage. Industrial sector occupies an important position in the Indian economy and has a pivotal role to play in the rapid and balanced economic development. Viewed in this context the collection and dissemination of ASI data, on a regular basis, are of vital importance. The Survey is conducted annually under the statutory provisions of the Collection of Statistics Act 1953. Every state has to participate for conducting this survey. As far State of Himachal Pradesh is concern it is not participating in Annual Survey of Industries (ASI) due to shortage of manpower and if recommendations of State Strategic Statistical Plan (SSSP) is accepted by the state government in its letter and spirit then it will be taken up in future in the state.*

### **6. Index of Industrial Production (IIP)**

*Urgent action both by the DES and the State government are necessary so that these two important statistical activities (ASI & IIP) are taken up as early as possible.*

*The Index of Industrial Production (IIP) compares the growth in the general level of industrial activity in the economy with reference to a comparable base year. In order to capture the structural changes in the industrial sector, the base year of the all-India IIP which was commenced in India in 1937 was revised in 1946, 1951, 1956, 1960, 1970, 1980-81 and 1993-94. The Quick Estimates of IIP are compiled on the basis of data*

*furnished by the source agencies located in various Ministries/Departments/Subordinate Offices of the Government of India. The index is released within six weeks from the reference month and is subsequently revised in the next and the third month based upon the revised production data furnished by the source agencies.*

*As per the recommendations of United Nations Statistics Division (UNSD) for quinquennial revision of base year of IIP, which is also endorsed by the National Statistical Commission, the Central Statistical Organisation has undertaken the exercise for revision of base year of all-India IIP from 1998-99 to 2004-05 under the overall guidance of Standing Committee on Industrial Statistics(SCIS). At the Central level Ministry of Statistics & Programme Implementation undertake this assignment and at the state level State DES have to perform the role as played by MOSPI at central level. Due to non response from industrial units DES Himachal Pradesh has not made any progress in this field except preparation of base year items basket.*

#### **7. Crop Area and Production Estimates:**

***A Road Map to Improve Crop Area and Production Statistics needed to be prepared for which** a) awareness among public is created by Information, Education and Communication (IEC) activity. IEC involves workshops, seminars to farmers, canvassing activities related to agriculture statistics and its importance in Gram Sabhas, through pamphlets and other publicity measures and NGOs may also be involved in propagating the importance of agriculture statistics*

***To increase the accuracy and reliability of statistics** a) A methodology to be derived to augment results of ICS and TRS with that of the final area and production estimates. A correction factor may be derived from the observation in area enumeration of ICS, b) Exploring the possibility of aerial photography and remote sensing technology to estimate area of crops, c) A systematic method of oral enquiry to estimate yield. Oral enquiry method may be launched on a pilot basis for one or two crops,*

d) Intensive training to field staff and supervisory staff need be organized at regular intervals, and e) for improve the credibility of the system undertake intensive supervision in ICS for corrective action in the defaulting villages in the succeeding year.

**For development of better sustainable system to have reliable, credible and timely area and production statistics it is strongly recommended that all vacant posts in the field offices are filled in immediately in order to have better field work, supervision and monitoring.**

#### **8. Whole Sale Price Index (WPI)**

*The Wholesale Price Index (WPI) is the price of a representative basket of wholesale goods. In India use of WPI changes as a central measure for inflation. However, the Wholesale Price Index or WPI is the price of a representative basket of wholesale goods. Due to the limited trading activities in the State the WPI was not prepared. As this is one of the 20 key activity the department will initiate its preparation.*

#### **9. Consumer Price Index (CPI)**

*Urgent actions both by the DES and the State government are necessary so that these two important statistical activities are taken up as early as possible. The DES should initiate necessary action to become an important contributor in the scheme of CPI and participate in the national activities.*

#### **10. Birth and Death registration and Population**

*To increase the recording efficiency of the Civil Registration System (CRS) the following steps need be taken up:*

- a) *A full time post of the Chief Registrar of Births and Deaths and his/her office need be created by the State Government for effective implementation of the RBD Act, 1969 Under the Department of Economics & Statistics, as already prevailing in most of the States.*

- b) *It is essential to open registration centers in all government hospitals/nursing homes/primary health centers and in private hospitals in every district of the State,*
- c) *District and block level registration functionaries are to be educated at regular intervals about the registration procedures as per the Act and Rules.*
- d) *The existing publicity measures to create awareness are not effective; hence there is need for effective but low cost publicity measures having local and mass appeal through advertisements in the local cable network, Doordarshan and private channels. The services of Self-help Groups and NGOs may be utilized for the purpose of creating awareness. A focused strategy to cover low performing districts is to be taken up on priority by educating the people, particularly the women,*
- e) *A motivational film on Registration of Births and Deaths directed by a well known film artist needs to be made and telecasted through Doordarshan twice a month. The District Information and Publicity Officers should include this film in their programme and show it in the villages*
- f) *Computerisation of statistical reports.*
- g) *DES to take up studies and analysis on the registration statistics reported in order to cross check the reliability of statistics generated by administrative records.*
- h) *Take up mopping up operations in case of birth registration at the time of admission to schools.*
- i) *Bringing out Annual report containing all the Statistical tables every year by the 31st July of the year following the year to which the report relates.*

***For enhancing the efficiency of the vital statistics registration machinery it is suggested that on line registration of births and deaths in the registration centers/Panchayats may be initiated.***

#### ***11. Participation in National Sample Survey Office (NSSO) Surveys***

*Urgent action is required for tabulation of the State sample data collected as part of the NSS regular annual surveys and adopt the standard software developed by the DP*

*division of the NSSO. The ultimate goal of utilizing the rich quality data should be to a) Bring out analytical reports and statistical tables based on data collected through every round within a year of completion of each round, b) Bring out district level reports and statistical tables by pooling the central and state sample data, and c) To conduct state level seminar on the state sample results in order to disseminate the information*

## ***12. Health, Morbidity, Mortality and Family Welfare Statistics***

*To reduce the time lag and improving the quality of the returns in terms of both coverage and content structural & functional re-organization of state demographic unit need be undertaken. All the statistical personnel need be placed under the Deputy Director and the Assistant Director working with other programme divisions need be shifted to the re-constituted statistics division under the Deputy Director, Health Statistics. The HMIS wing of the State Department of Health and Family Welfare and the computer wing headed by a senior programmer in the Directorate also need be brought under his/her overall control. All the other disease control programme divisions shall also have to report to him. The DD, Health Statistics will report to the Principal Secretary or the Director, Health and Family Welfare depending upon the administrative set up of the Department. The Deputy Director, Health Statistics shall act as the single source of information in the health sector.*

### ***At the District Level***

*The Director of health services should be responsible for the compilation, analysis & dissemination of all the health and family welfare data including that of the private sector and should have better working coordination with the district health society.*

### ***At the Block Level***

*With the amount of workload projected for the next 10/15 years, there is need for assisting the block health officer with a qualified Statistical Inspector (SI) who can assist and guide the block health officer in data collection and analysis.*

*To improve the accuracy and reliability of data a) At the PHC level, the sub-centre level data should be thoroughly checked for its completeness and consistency by the supervisory staff and the medical officer concerned and then only forwarded to the BMO. Though this is a routine exercise, it has to be implemented more vigorously and monitored regularly by the BMO and other higher officers, b) The statistical units at the district and block level should scrutinize the reports received from the lower level for completeness and consistency, c) Periodical sample check of data for completeness and consistency should be taken up by entrusting the responsibility to external agencies through outsourcing, d) The ICT infrastructure provided under the NRHM need be fully utilized to ensure fast transmission of complete and consistent data sets, and e) The software provided by National Health System Resource Centre (NHSRC) should be used of to generate regularly important health and family indices for state and district levels and also to add any new parameters to the collection system with the help of this flexible software.*

### **13. Education and Literacy statistics:**

*To improve the quality of the existing statistics on educational institutions and school enrolment data and also for reducing the time lag it is suggested that the standard statistical return formats of the HRD Ministry be followed and coverage of educational institutions be enlarged by including private schools and colleges.*

*a) They have to be brought under the statistical system through enforcement of Collection of Statistics Act, 2008, b) Different formats of data collection may have to be designed for different types of managements, c) Commence preparation and publishing district level reports, d) Collect data on amount released to School Development and Monitoring Committees (SDMC) and purpose wise amount spent and include this in annual publication at district and state levels, and e) A workshop need be held to assess data needs in the context of the increasing emphasis on secondary and higher education.*

***For Secondary/Higher Secondary School/Pre University Education the following steps need be taken up***

- a. Implement Secondary Education Management Information System to strengthen the data base of pre university education*
- b. Build the capacity of personnel to analyze the data and bring out reports at district and state level*
- c. Use ID during the entry to the 11th standard to track the career of those passing 12th standard examinations.*
- d. Bring out publications at district and state level with detailed analysis of data on time*
- e. Upload important data on the departmental website*
- f. Hold consultation meetings with the users to get their opinion*
- g. Modify the publications suiting to the needs of the users*

***For literacy Statistics, besides the Census, latest NSS reports can also be utilized.***

#### ***14. Labour and Employment Statistics:***

***To improve the quality of Labour Statistics the Labour department/Labour Commissioner in consultation with the Chief Inspector of Factories should undertake the following steps:***

- a) Development of a software for creation of business register, online registration, online entry of returns and web based collection of data by the enforcement authorities.*
- b) Computerisation of all the registered establishments under all the Acts*
- c) Computerisation of unregistered establishments.*
- d) Computerisation of periodical returns by the establishment and enforcement authorities*

- e) Brain storming sessions with the enforcement officers at regional level to enable them to conduct awareness programme for all the employers*
- f) Conducting awareness programme to all the employers and their associations at block level regarding 100% registration, renewals and submission of returns*
- g) Training to the enforcement authorities Collection and compilation of returns online*
- h) Compilation of business register of all categories of establishments*
- i) Updation of business register by the enforcing authorities*
- j) Preparation of labour statistics at a glance with analytical data*

*For improving the availability of data on Child labour the state department of Labour should create a State Level Resource Centre which should develop an MIS on this activity and should generate all the information on child labour like the number, the quantum of elimination and rehabilitation, etc., it will also disseminate all the information on its website*

*For improving the quality and updated information on Employment Status of the population the Employment and Training department and the Employment Exchanges should:*

- a) Use the business register prepared by the Labour Department for collecting employment statistics from the private establishments.*
- b) Improve the collection of data of public sector*
- c) Conduct awareness programmes at district level for obtaining data from private sector.*
- d) Use the software already developed for collection of data and get the web based validated data.*
- e) Build the capacity of stake holders in collection, compilation and analysis of data*

- f) Bring out annual publication of employment data for public and private sectors including other activities.*
- g) Results of the Employment and Unemployment Surveys conducted by the NSSO need be properly disseminated and district level estimates of WPR and unemployment rates need be estimated in collaboration with the DES after pooling of the central and state samples.*

### **15. Housing statistics**

*In order to consolidate housing data of both private and public sectors, the following measures are proposed:*

- a) PRIs and ULBs should look in to the collection of housing statistics during the in their respective areas by outsourcing the activity to build business register of housing stock and link it with asset registers of local bodies.*
- b) Systematic numbering of the buildings and houses by the local bodies need be undertaken, classifying them according to the classification done during the 2011 census*
- c) Asset registers need be developed and computerized with the above information*
- d) Workshops need be conducted for Gram Panchayats and ULBs to work out modalities to add houses/ buildings built in their jurisdiction to the asset register after the census.*
- e) Development of software with the assistance of NIC with regard to award of licenses for construction of houses and buildings by the local bodies. The items of NBO schedules need be incorporated in the software. Submission of completion reports need be made compulsory in the prescribed format by the builders whether public or private. This will help in maintaining the housing stock at the local body level and in updating the business register and asset register.*

- f) Improvements in the skills and capacity of local body personnel in the collection, compilation and analysis of data and also ICT and bring out reports at local body, block, and district levels.*
- g) Awareness programmes for the public by the local bodies regarding compulsory issue of license and submission of completion reports of the buildings through the ward sabha and gram sabha need be organized.*
- h) Housing department/HP Housing Board/State PWD etc. have to come out with State Housing Policy once in five years.*
- i) Computerization of data and bringing out publications annually and uploading the same on the local body website and also consolidated information at district and state level on the website of the concerned departments*

***16. Electricity production and distribution statistics:***

*The following steps need be taken by the HPSEB and the Power Department:*

- a) Impart training in consolidation, analysis of electricity data through Central Electricity Regulatory Authority (CERA), REC, NTPC, NHPC, National Power Grid and other institutions.*
- b) Development of IT/ ICT infrastructure and suitable software*
- c) Disseminate the consolidated data on generation, transmission and distribution of electricity through the web site of the Energy department and also through print media*

***17. Environment and Forestry statistics:***

*The National Statistical Commission has pointed out in its report that what is shown up the present contribution of Forestry Sector to GDP is an under estimate as it does not account for several important and vital items, like head loads of firewood, eco-tourism etc. The present picture of GDP showing inaccurately the real contribution of forest and natural wealth, definitely affects the budget outlay to the Forestry Sector at*

*national level. All this occurs due to inordinate delay in making available, compiling and transmitting Forestry Statistics.*

*To overcome this problem the commission has recommended, (further ratified by the Secretary, Ministry of Environment & Forests, Government of India), to set up Statistical Units under every Circle/Division, so that the time lag to make available Forestry Statistics information from Division to Circle and Circle to State Headquarters is checked*

***To improve the coverage and quality of Forestry and Environment Statistics:***

*1. There is need to collect statistics on the following additional subjects:*

- a) Forest fires and the consequent destruction*
- b) Details of plantations, activities of village forest committees*
- c) Forest and animal species under extinction*
- d) Medicinal plants*
- e) Census of commercial forest produces like Dawedor, etc.*

*2. There is also need for taking up scientific sample surveys for:*

- a) Estimating minor and major forest produce,*
- b) Growing stock,*
- c) Enumeration of industrial wood trees and estimation of their value and estimation of important species like chil and dawedor etc.*

*3. There is need to*

- a) Fill up vacant posts of statistical personnel and*
- b) Develop their capacities adequately.*

*4. Total computerization of forest statistics using the funds provided under central finance commission grants and software support provided by NIC.*

**18. Water supply and sanitation statistics:**

**The following steps need be taken to improve the quality of data on Rural Water supply:**

- a) *Fill up all the existing vacant posts including those statistical cadre posts occupied by non statistical personnel of PRED/RHE departments.*
- b) *The different water supply schemes installed at considerable cost have been treated as physical assets by the department and as per the PWD code, detailed information about them has to be maintained in the prescribed registers*
- c) *Regular assessment of source data for coverage, statistical analysis and dissemination to public need to be improved*
- d) *The performance of the programs need to be cross checked physically, in the context of ensuring that there is no duplication of schemes*
- e) *Extensive use of computer packages like GIS, OAP, and STADD*
- f) *To bring out an annual publication “Rural Water Supply at a Glance”*

**Data on Rural Sanitation** *The Total Sanitation Campaign should be implemented through gram Panchayats. In order to assess whether a GP is totally sanitized, the following additional information not being collected now needs to be collected by the agency.*

- a) *Schools having toilets exclusively for girls.*
- b) *Awareness programme organized for children on hygiene.*
- c) *No. of villages having space for disposing waste.*
- d) *Awareness programme for villagers for safe handling of drinking water resources.*
- e) *Awareness programmes organized on the importance of hygiene practices such as brushing the teeth, taking daily bath, washing hands.*

**Quality data on Water Supply in Urban Areas:**

- a) *Fill up the existing vacant statistical posts in all ULBs*
- b) *Design proper statistical formats and procedure for collection of data on water supply and sanitation from all local bodies*
- c) *Commence collection of data and the subsequent processes*
- d) *Bring out annual publication “Statistics on water supply and sanitation in urban areas”. Disseminate electronically in the department’s web site.*

**19. Transport statistics**

**To collect good quality data on Motor vehicle registration statistics the following steps be taken:**

- a) *Create business register of vehicles and driving license holders.*
- b) *The department will incorporate following parameters in the software and generate the following data*
  - i. *Average age of vehicles.*
  - ii. *Gender wise registration of vehicles.*
  - iii. *Ownership pattern including gender.*
  - iv. *Gender wise driving licenses issued.*
  - v. *Number of enquiries under RTI Act.*
  - vi. *Number of licenses cancelled under drunk and drive cases.*
  - vii. *Number of electric / battery driven vehicles*
  - viii. *Number of vehicles using LPG*
  - ix. *Number of beneficiaries under LPG kit.*
  - x. *Number of vehicles off the road.*
- c. *Bringing out publications at district and state level with detailed analysis of data*
- d. *Uploading important data on the departmental website*
- e. *Hold workshops with the users to get their opinion about the data*
- f. *Modify the software according to the needs of the users*

*The above measures will help in:*

- a) Maintenance of data on registration and issue of license at all levels and its easy transmission.*
- b) Uploading monthly and quarterly data sheets for state and sub state level on department's web site*
- c) Uploading annual data within a month of the close of financial year;*
- d) Making public analytical reports.*

***Quality data on Road Statistics:***

- a) To develop a coordination mechanism among all data producing agencies/departments.*
- b) Provide IT/ ICT infrastructure as proposed under WAN scheme of the Government of India.*
- c) Develop software for updating the roads status in the District Rural Roads Plan formed and developed under various schemes and to get updated data on category of roads by using GIS, OAP and STADD.*
- d) Bring out an annual publication of the department entitled "Rural Roads at a glance" at district and state levels.*
- e) Data on Pradhan Mantri/Mukhya Mantri Sadak Yojana need be collected and compiled separately.*
- f) Data pertaining to the state and districts on National Highways need be collected from the National Highways Authority of India.*

***Traffic Accident Statistics:***

*Build the capacity of police personnel to analyze the data with the help of statistical packages and bring out reports at district and state level*

***Passenger Traffic Statistics:***

- 1. A data centre for consolidating the statistics should be established at HP Road Transportation Corporation.*

2. *As per the recommendations of the National Statistical Commission, compulsory furnishing of certain minimum statistics by the private transport operators at the time of renewal of licenses should be enforced. The Regional Transport Officers should be entrusted with the responsibility of collection and computerization of this data furnished by private transport operators at the time of renewal of license by devising a suitable format by and use the software developed by NIC;*
3. *As there is no nodal agency for systematic collection, compilation, analysis and dissemination of passenger statistics, this function could be entrusted to the HP Road Transport Corporation. Software has to be developed to consolidate the passenger statistics from all the transport companies. The HRTC should also to retrieve the passenger statistics of private transport owners data collected and computerized at RTO offices. These two types of passenger statistics should be analysed by the HRTC and uploaded on its web site.*

**20. Statistics for local area planning:**

***The following steps need be taken to improve the status of statistics required for local area planning:***

- a) *Collection of data in respect of Basic Statistics for Local Level Development (BSLLD) in the formats namely schedule A and schedule B respectively prescribed by the Central Statistical Office (CSO) through the GPs in districts including those commenced during 2009-10*
- b) *Compilation of data so collected through the software supplied by the CSO*
- c) *Consultation meetings need be held with the stakeholders to standardize the formats.*
- d) *Consultation meetings need be held with the stakeholders for determination of parameters on which data is to be collected by ULBs*
- e) *Development or modification of the software suiting to the needs of PRIs and ULBs*

- f) Commence collection and computerization of data in the formats designed after the consultation meetings*
- g) The Block Statistics Units should be created in all the blocks with the responsibility of training the basic workers and to interact with all the nodal departments in the collection of Statistics*
- h) The Block Statistical Officer should be designated as the nodal officer for all planning and statistical activities in the block*
- i) Build the capacity of local body personnel in the collection, compilation and analysis of data and also in ICT and bring out reports at local body, block, and district level*
- j) District Planning Committees will monitor the collection of statistics and their use in the planning, monitoring and evaluation purposes by the PRIs and ULBs and advise them suitably*
- k) Planning department and DES should issue necessary instructions with regard to BSLLD*
- l) Bringing out publications at district and state level with detailed analysis of data*
- m) Uploading important data on the departmental websites*
- n) Hold workshops with the members of PRIs and ULBs to get their opinion about the data generated and their use*
- o) Modify the parameters according to the opinions expressed in the workshop*