

M-12014/1/2016-CAP  
Government of India  
Ministry of Statistics & Programme Implementation  
Central Statistics Office  
(Coordination & Publication Division/IIC Unit)

Sardar Patel Bhawan  
Sansad Marg, New Delhi - 01  
Dated 20.02.2017

**Subject: Minutes/Recommendations of 24<sup>th</sup> Conference of Central and State Statistical Organizations (COCSSO) held at Nagpur**

Please find the minutes/recommendations of 24<sup>th</sup> COCSSO held at Nagpur, Maharashtra during 19-20<sup>th</sup> January, 2017 for information and necessary follow-up action. Action Taken Report on recommendations relating to your Ministry/Division/State/UT etc. may please be sent to CAP Division of CSO.

2. The requisite information may be sent through post as well as e-mail to [manojk.gupta@nic.in](mailto:manojk.gupta@nic.in) and [ritu.chaudhary@nic.in](mailto:ritu.chaudhary@nic.in) so that the progress could be reviewed in the next COCSSO.

  
(R. Savithri)  
Director  
Ph: 011-23747130

**Encl:** As above

To

1. Secretary, M/o Agriculture & Farmers Welfare
2. DDG (Coord), NAD; DDG (CPD), NSSO
3. Officer-in-charge, Department of Statistical & Information Management, RBI
4. Directors, DES of all States/UTs

**Copy for information to:**

1. PPS to Chairman (NSC)
2. PPS to Secretary (S&PI)
3. PSO to DG, CSO

**Minutes/Recommendations of 24<sup>th</sup> Conference of Central and State Statistical Organizations (COCSSO) held on 19-20 January 2017 at Nagpur, Maharashtra**

The 24<sup>th</sup> COCSSO was held during 19-20 January 2017 at Nagpur, Maharashtra, in collaboration with the Directorate of Economics and Statistics, Government of Maharashtra. The theme of the Conference was "Agriculture and Farmers' Welfare". The Conference was inaugurated by Shri D.V. Sadananda Gowda, Hon'ble Union Minister for Statistics and Programme Implementation in the presence of Shri S. S. Mungantiwar, Hon'ble Minister for Finance & Planning, Forest, Govt. of Maharashtra, Shri C.K. Bawankule, Hon'ble Minister for Energy, New & Renewable Energy, State Excise, Govt. of Maharashtra and Guardian Minister of Nagpur, Dr. Radha Binod Barman, Chairman, National Statistical Commission (NSC) and Dr. T. C. A. Anant, Secretary (S&PI) and CSI, Govt. of India. Members of the NSC, Senior Officers from MoSPI and other Central Ministries, NITI Aayog, ISI, ICAR, NABARD, RBI and Principal Secretaries / Heads and other officers of the Directorates of Economics and Statistics (DESS) from the States and UTs participated in the Conference. List of the participants is annexed.

2. Since the inaugural session finished late, it was decided to upload the Action Taken Report on the Recommendations of the 23<sup>rd</sup> COCSSO on Ministry's Website for information of the participants and other concerned officials. The following agenda items were discussed during the Conference:

- a) Papers on the theme "Agriculture & Farmers' Welfare"
- b) Presentation by the State/UT Governments on data availability and gaps in agriculture sector or success stories/innovations
- c) Support to State Statistical Strengthening

3. Based on the presentations and intensive discussions on the above agenda items, recommendations there on were prepared and presented during the Conference. Details are as follows:

**4. Technical Session 1 chaired by Dr. R. B. Barman, Chairman, NSC**

**Review/Presentations**

4.1 The following presentations were made:

- 4.1.1 Overview of the Agriculture Statistics System in India - by Shri Rajeev Lochan, Adviser, DES, M/o Agriculture & Farmers Welfare.
- 4.1.2 Doubling Farmers' Income by 2022 and Information Gaps - by Shri B.V.S Prasad, General Manager, DEAR, NABARD.
- 4.1.3 Findings of ICS Scheme - by Shri Preet Singh, DDG, NSSO.



### **Recommendations:**

4.2 To improve agricultural statistics, States may consider deploying an exclusive field functionary for collection of primary data from the field. The field functionary will have to work in close coordination with the Patwari. Staff engaged under TRS can supervise the primary work done by the field functionaries. In the States covered under EARAS, the agricultural statistics work is already being done by especially recruited field investigators.

**(Action: All States/UTs, DES-M/o Agriculture & Farmers Welfare)**

4.3 To address the issue of divergence in the estimates of production of crops as maintained by the State Governments and DES, Ministry of Agriculture and Farmers Welfare, Government of India, there has to be closer coordination between the two agencies. A committee may be constituted by MoSPI to suggest remedial measures.

**(Action: M/o Agriculture & Farmers Welfare & MoSPI)**

4.4 It was noted that present agriculture statistics system has been in place for a long period. There is a need to update this system keeping in view the technological advancement. A specialised seminar is required to deliberate on the matter in depth.

**(Action: DES, M/o Agriculture & Farmers Welfare)**

4.5 Increase in the frequency of survey on Access to Credit and Indebtedness Status conducted by NSSO needs to be considered.

**(Action: NSSO, MoSPI)**

4.6 IBA compiles annual returns on agricultural credit disbursements and outstanding credit from other branches. This may be generated through the Core Banking Solutions.

**(Action: Statistics Division, RBI)**

4.7 To improve the statistical robustness of the estimates, Ministry of Agriculture and Farmers Welfare may consider enhancing the sample size under ICS.

**(Action: DES, M/o Agriculture & Farmers Welfare)**

## **5. Technical Session 2 Chaired by Dr. Manoj Panda, Member, NSC:**

### **Review/Presentations**

5.1 The following presentations were made:

- 5.1.1 Climate Change and Adoption of Agriculture In India - by Shri M.P. Johnson, Statistical Adviser, M/o Environment & Climate Change.
- 5.1.2 Crop Area and Yield Estimation under Mixed Cropping - by Dr. U. C. Sud, Director ICAR
- 5.1.3 Bank Credit to Agriculture - Trends And Progress - by Shri Rajeev Kumar, Research Officer, Reserve Bank of India.

### **Observation:**

5.2 In the paper of ICAR, it was observed that sampling of harvest unit along with farmer's prediction of the yield as auxiliary variable was found to give good estimates. Gold standards can be replaced by relatively inexpensive alternate method. However the alternative method should be close to gold standard in terms of low CV etc.

## **6. Technical Session 3 Chaired by Dr. T. C. A. Anant, CSI and Secretary, MOSPI**

### **Review/Presentations**

6.1 The following presentations were made:

- 6.1.1 Heavy Metal Fractionation, Bio-availability & Crop Response in Municipal Solid Waste Amended Soil - by Shri Pradeep Bhattacharya, Professor, ISI.
- 6.1.2 Crop Sector in National Accounts: Some Suggestions for Improvement - by Shri Sunil Jain, DDG, CSO, Shri Sahoo Director, Shri K. Sundaram, DD & Shri Pramod Kumar DD
- 6.1.3 Issue of Comparability of Estimates of SAS 2003 with the Estimates of SAS 2013 - by Shri Joseph C.F., Director, SDRD

### **Recommendations:**

6.2 Poolability of NSS data at sub-state level fails when the sample size is very small. Since this issue concerns most States, it was suggested that this issue may be included as an agenda in the next Seminar of NSS.

**(Action: NSSO, MoSPI)**

6.3 In the paper on suggesting shifting from agriculture year to financial year for GVA estimation in agriculture sector, a comparison had been done only for New Series. It was suggested that the exercise be extended to the Old Series as well so that the results could be studied for a larger time frame.

**(Action: NAD, CSO, MoSPI)**



- 6.4 Ministry of Agriculture should update the Crop Calendar with the help of SASAs.

**(Action: Ministry of Agriculture and Farmers Welfare)**

**7. Technical Session 4 Chaired by Dr. Rajiv Mehta, Member, NSC:**

**Review/Presentations**

- 7.1 The following presentations were made:

- 7.1.1 Revitalising Rain-Fed Agriculture in India - by Dr. J.P.Mishra, Adviser (Agriculture), NITI Aayog.
- 7.1.2 Paradigm Shift in Agriculture - An Experience of SRI, A Farmers Technology - by Shri Pabitra Banik and Shri Pradeep Bhattacharya, Professor, ISI
- 7.1.3 Monitoring Sustainable Development of Agriculture and Farmers' Welfare, FAO Perspective - by Shri Ashok Vishandass, CTA, AMIS-India Project, FAO

**Recommendations:**

- 7.2 There is a need for strong database for rain fed farming and farmers' irrigation systems (other than major and minor irrigation projects), seed scenario and infrastructure along with separate estimates for rain fed crops and other commodities/activities.

**(Action: Ministry of Agriculture & Farmers Welfare)**

**8. Technical Session 5 Chaired by Dr. G. C. Manna, DG, CSO**

**Review/Presentations**

- 8.1 Presentations on the following topics were made by the States on availability of and gap in agricultural data:
- 8.1.1 New Initiatives and Success Stories on Agriculture and Farmers' Welfare- Andhra Pradesh
  - 8.1.2 Success story & Policy Issues of Farmers' Welfare in Himachal Pradesh
  - 8.1.3 Presentation on Crop-Insurance Scheme and success story of a Gauri Mahila Samuh - DES Uttarakhand
  - 8.1.4 Successful Stories on Horticulture (Litchi, Mango etc. Cropping)- DES, Bihar

8.1.5 Availability and Data Gaps in Agriculture- DES, Assam

8.1.6 Improving Agriculture Statistics at sub-state level from NSS data -  
*Issues and Challenges*, - DES, Odisha

**Recommendations:**

8.2. DESs of Uttarakhand and Assam brought out the issue of inadequate coverage of hilly areas in the estimation of production of horticulture and other crops for the state as a whole. The issue of inadequate coverage of hilly areas needs to be examined for evolving a reliable methodology.

**(Action: DES, M/o Agriculture & Farmers Welfare)**

8.3. M/o Agriculture and Farmers Welfare may come up with indicators to measure farmers' welfare.

**(Action: M/o Agriculture & Farmers Welfare)**

**9. Technical Session on SSSP**

**Review/Presentations**

9.1 Joint Director, ISSP Unit, CSO made a presentation on overview of Support for Statistical Strengthening Project and recent developments in the implementation of the project. She talked about the mid-term modifications made in the scheme and current status of implementation of the scheme both in the currently implementing States as well as the new States. She also briefed the participating States/UTs of the Operational Guidelines that have been approved by the Ministry of Finance for Implementation of the Scheme and the requirements for new States.

9.2 Director, ISSP Unit in his presentation emphasized on the stipulation of M/o Finance regarding release of funds through PFMS only and briefed the States about the steps to be taken by them in this regard. He also informed about the achievements, so far, under the scheme.

9.3 States also shared their experiences in the implementation of the scheme which are briefly listed below:

9.3.1 Gujarat has developed an integrated statistical system which would act as a central data repository.

9.3.2 Telangana has initiated the work for shifting the Base Year of CPI (IW) to 2015 and compilation of CPI at district level.

9.3.3 Karnataka has developed an application and a database on industrial statistics to be used in ASI and IIP.



9.3.4 Sikkim has strengthened statistical infrastructure in all respects for smooth operation of the activities of DESM&E.

**Recommendations:**

- 9.4 Considering the usefulness of the local level data base [village level/block level] and State level Integrated Databases across sectors, demonstrated by some of the States, it was recommended that the new States may also consider creation of local level database [village /block level] and State level integrated database across sectors.

**(Action: All States/UTs)**

- 9.5 In view of the imperative need to generate Core statistics at the national level, all States/UTs must endeavour to prepare credible and robust State Level estimates of major core indicators.

**(Action: All States/UTs)**

- 9.6 As Line Departments bring out important administrative statistics and contribute towards State level database, the State DES should, therefore consider the requirement of these line departments, for surveys/studies etc. to address data gaps in their sectors, while finalizing their State Programme.

**(Action: All States/UTs)**

## List of Participants

S. No.	Name	Designation	Organisation
1	Shri R. B. Barman	Chairman	NSC
2	Dr. Rajiv Mehta	Member, NSC	NSC
3	Dr. M. K. Panda	Member, NSC	NSC
4	Shri T C A Anant	Secretary	MoSPI
5	Dr. G. C. Manna	DG	CSO, MoSPI
6	Shri S. D. Teshring	Secretary	DES, Sikkim
7	Shri B. S. Manral	Addl. Secretary	Planning Govt. of Uttarakhand
8	Shri Rakesh Kumar	DDG	NSSO, S. P. Bhawan, New Delhi
9	Shri V. K. Gupta	DDG	RPU, CSO, S.P. Bhawan, New Delhi
10	Dr. Davenport Verma	DDG	SSD, CSO, S. P. Bhawan, New Delhi
11	Shri Krishan Kumar	DDG	SSD, CSO, S. P. Bhawan, New Delhi
12	Shri Kuldeep K. Lamba	DDG	PI Wing, MoSPI, New Delhi
13	Shri K. Tripathi	DDG	Joint, Indrapur
14	Shri S. K. Jana	DDG	FOD, Bhopal
15	Shri S. Mukherjee	DDG	NSSO, FOD, AP(E), Vijaywada
16	Shri M. Madhusudhan	DDG	NSSO (FOD), Regional Office, Trivandrum
17	Shri E. V. Gangadhara Rao	DDG	NSSO (FOD), RO, Raipur
18	Shri T. K. Basu	DDG	DPC, NSSO, Nagpur
19	Shri Vidya Prakash	DDG	FOD, Hqrs., NSSO
20	Shri Ajay Mishra	DDG	FOD (HQ), New Delhi
21	Shri Sunil Jain	DDG	PSD, CSO, MoSPI
22	Shri A. K. Toprani	DDG	NSSO (FOD), Mumbai
23	Dr. S. Durai Raju	DDG	NSSO (FOD), Chennai
24	Shri A. K. Gupta	DDG	CAP, CSO, MoSPI
25	Smt. G. S. Lakshmi	DDG	ESD, CSO
26	Smt. S. A. Bhayar	DDG	NSSO (DPD), Kolkata
27	Shri P. C. Sarkar	DDG	NSSO, DPD, Kolkata
28	Shri J. Poddar	DDG	NSSO (FOD), Kolkata
29	Shri Rajeev Lochan	DDG	M/o Agriculture, DES
30	Shri Harbinder Singh	DDG	NSSO (FOD), RO, Chandigarh



31	Shri T. K. Sanyal	DDG	CSO (IS Wing)
32	Shri S. Dhar	DDG	ISSP, CAP, CSO, MoSPI
33	Shri S. L. Menaria	DDG	NSSO (FoD)
34	Shri Inderjeet Singh	DDG	FoD (HQ), New Delhi
35	Shri Preet Singh	DDG	NSSO (FoD), Faridabad
36	Shri P. S. Bose	DDG	NSSO (SDRD)
37	Shri Awadhesh Kr Mishra	DDG	NSSO (FoD), CZ, Lucknow
38	Shri Ahamed Ayub B	DDG	NSSO(FoD), Bangalore
39	Shri M.P. Johnson	Statistical Adviser	M/o Environment & Forest & Climate Change
40	Shri Ashok Vishandass	Chief Technical Officer	FAO
41	Dr. J P Mishra	Adviser (Agriculture)	NTTI Aayog
42	Shri B. V. S. Prasad	General Manager	Nabard HQ, Mumbai
43	Dr. U C Sud	Director	IASRI
44	Shri Pradip Bhattacharya	Asst. Professor	ISI
45	Shri Rajeev Kumar	Research Officer	IBI, Mumbai
46	Smt. R. Savithri	Director	CAP, CSO, MoSPI
47	Dr. P. C. Mishra	Director	DGFT
48	Smt. P. Bhanumati	Director	DPC, Delhi
49	Shri R. Rajesh	Director	ISSP, CAP, CSO, MoSPI
50	Shri Dhrijesh Tiwari	Director	FoD (HQ), New Delhi
51	Shri S. Sahoo	Director	CSO, S. P. Bhawan, New Delhi
52	Shri Joseph C.F.	Director	NSSO, SDRD
53	Shri Brijendra Singh	Director	NAD, CSO, MoSPI
54	Shri Rajesh Kumar Sharma	Director	ESD, CSO, MoSPI
55	Shri Junaid Farooqui	Director	IBM, Nagpur
56	Shri Saji George	Director	IBM, Nagpur
57	Shri Kiran Kumar R	Director	DPC, NSSO, Nagpur
58	Shri Sumedh Nagrare	Director	NSSO, FoD, WI, Nagpur
59	Shri Roshan Lal Sahu	Director	DPC, NSSO, Nagpur
60	Shri Altaf Hussain Haji	Director	NSSO (FoD), Regional Office, Srinagar
61	Shri Manoj Kumar Gupta	Joint Director	CAP, CSO, MoSPI
62	Smt. Hema Jaiswal	Joint Director	ISSP, CAP, CSO, MoSPI
63	Shri Anur Kumar Yadav	Joint Director	NSSO, CAP, CSO, MoSPI

64	Shri Srinivas Uppala	Joint Director	NSSO (FoD), Nagpur
65	Shri K. Sundaram	Deputy Director	CAP, CSO, MoSPI
66	Shri Sri Susmit	Deputy Director	CAP, CSO, MoSPI
67	Ms. Ritu	Assistant Director	CAP, CSO, MoSPI
68	Shri B. M. Pandey	SSO	CAP, CSO, MoSPI
69	Shri Rajesh Kumar	JSO	CAP, CSO, MoSPI
70	Shri V. K. Prajapati	JSO	CAP, CSO, MoSPI
71	Dr. D. Dakshinamurthy	Director	DES, Andhra Pradesh
72	Shri A. Kali Prasad	Joint Director	DES, Andhra Pradesh
73	Shri K. Kanna babu	Deputy Director	DES, Andhra Pradesh
74	Shri Pranay Kumar Goswami	Director	DES, Assam
75	Shri U. K. Das	Joint Director	DES, Bihar
76	Shri A. K. Choudhary	Assistant Director	DES, Bihar
77	Shri Vikas S. N. Gaunekar	Director	DPSE, Goa
78	Shri S. K. Hudda	Director	DES, Gujarat
79	Shri Hardik Khandhar	Deputy Director	DES, Gujarat
80	Shri J. S. Dalal	Director	DES, Haryana
81	Dr. N. R. Sheoran	Addl. Director	DES, Haryana
82	Shri Pradeep Chauhan	Economic Adviser	DES, Himachal Pradesh
83	Shri Partha Sarathi Chowdhury	Director	DES, Jharkhand
84	Shri Balaraju	Joint Director	DES, Karnataka
85	Shri K. S. Shankar	Project Director	KSSDA, Karnataka
86	Shri V. Ramachandran	DG	DES, Kerala
87	Shri P. V. Babu	Addl. Director	DES, Kerala
88	Dr. Rajendra Mishra	Commissioner	DES, Madhya Pradesh
89	Shri R. S. Rathore	Addl. Director	DES, Madhya Pradesh
90	Shri L. IBO Singh	Deputy Director	DES, Manipur
91	Shri D. L. Wankhar	Director	DES, Meghalaya
92	Shri A. M. Laloo	Joint Director	DES, Meghalaya
93	Shri L. Hrahsel	Director	DES, Mizoram
94	Shri George Paul	Consultant	ISSP, Mizoram
95	Shri Y. Sacheo Oveng	Director	DES, Nagaland
96	Shri Dushaman Dohoria	Director	DES, Odisha



97	Shri M. F. Khan	Deputy Director	DES, Odisha
98	Dr. S. Vaittananadane	Director	DES, Puducherry
99	Dr. R. Ramakrishnan	Joint Director	DES, Puducherry
100	Shri R. Parthasarathy	Deputy Director	DES, Puducherry
101	Shri Om Prakash Bairwa	Director & JS	DES, Rajasthan
102	Shri Misa Ram Prajapati	Joint Director	DES, Rajasthan
103	Shri S. D. Tshering	DG cum Secretary	DES, Sikkim
104	Shri S. K. Pradhan	Joint Director	DES, Sikkim
105	Shri T. Geleg	Assistant Director	DES, Sikkim
106	Shri P. Balasubramanian	Addl. Director	DES, Chennai, Tamil Nadu
107	Shri K. Ravi	Deputy Director	DES, Chennai, Tamil Nadu
108	Shri G. Dayanandan	Joint Director	DES, Telengana
109	Shri P. T. Somnath	Senior Statistical Assistant	DES, Tripura
110	Shri Girja Shankar Katiyar	Director	DES, Uttar Pradesh
111	Shri A. K. Pandey	Joint Director	DES, Uttar Pradesh
112	Dr. Manoj Kumar Pant	Joint Director	DES, Uttarakhand
113	Shri Arvind R Deshmukh	Joint Director	DES, Uttarakhand
114	Shri P. D. Sohale	Director	DES, Maharashtra
115	Shri R. R. Shinge	Addl. Director	DES, Maharashtra
116	Shri J. R. Sarnaik	Addl. Director	DES, Maharashtra
117	Shri K. N. Pati	Deputy Commissioner	DES, Maharashtra
118	Shri B. S. Ghate	Deputy Commissioner (Planning)	DES, Maharashtra
119	Shri C. B. Aurangabadkar	Jt. Director (Co-ord).	DES, Maharashtra
120	Shri J. V. Choudhari	Jt. Director (NI)	DES, Maharashtra
121	Shri P. H. Bhagoorkar	Chief Research Officer	DES, Maharashtra
122	Smt. N. R. Patil	Deputy Director, RJD	DES, Maharashtra
123	Shri A. R. Deshmukh	Jt. Director	DES, Maharashtra
124	Shri Naringe	Deputy Director	DES, Maharashtra
125	Shri K. V. Phirke	District Planning Officer	DES, Maharashtra
126	Smt. A. S. Vairagade	Deputy Director	DES, Maharashtra
127	Shri D. S. Dhaware	Research Officer (AI)	DES, Maharashtra
128	Shri V. N. Auti	Research Officer (Pub)	DES, Maharashtra
129	Shri S. R. Phadnis	Research Assistant	DES, Maharashtra

130	Smt. R. M. Pangerkar	Statistical Assistant	DES, Maharashtra
131	Shri Shinde	Statistical Assistant	DES, Maharashtra
132	Smt. Megha Ingale	Research Officer	DES, Maharashtra
133	Smt. P. V. Bulkunde	District Statistical Officer	DES, Maharashtra
134	Shri S. A. Dhongale	Statistical Officer(I)	DES, Maharashtra
135	Shri B.S. Pawar	District Statistical Officer	DES, Maharashtra
136	Shri S.M.Pathak	Research officer	DES, Maharashtra
137	Shri H.S.Choure	Research officer	DES, Maharashtra
138	Shri R.K. Kalamkar	Assistant District planning officer	DES, Maharashtra
139	Shri S.K.Sathe	Assistant District planning officer	DES, Maharashtra
140	Shri S.M.Deshmukh	Research Assistant	DES, Maharashtra
141	Smt. R.G.Lanjewar	Research Assistant	DES, Maharashtra
142	Smt. S.S.Bankar	Statistical Assistant	DES, Maharashtra
143	Smt. B.P.Dahake	Statistical Assistant	DES, Maharashtra
144	Shri P.M.Paut	Statistical Assistant	DES, Maharashtra
145	Shri S.B.Bankar	Statistical Assistant	DES, Maharashtra
146	Shri A.S.Patil	Statistical Assistant	DES, Maharashtra
147	Shri P.S.Shelkar	Statistical Assistant	DES, Maharashtra
148	Shri R.S.Bodele	Statistical Assistant	DES, Maharashtra
149	Shri S.N.Swke	Research Assistant	DES, Maharashtra
150	Shri P.S.Pal	Research Assistant	DES, Maharashtra
151	Shri A.K.Bodule	Statistical Assistant	DES, Maharashtra
152	Shri R.P.Kulsange	Research Assistant	DES, Maharashtra
153	Shri P.N.Dongre	Statistical Assistant	DES, Maharashtra
154	Shri S.V.Bhayde	Statistical Assistant	DES, Maharashtra
155	Shri A.S.Morey	Statistical Assistant	DES, Maharashtra
156	Shri M.S.Tikre	Statistical Assistant	DES, Maharashtra
157	Shri S.K.Wanjari	Statistical Assistant	DES, Maharashtra
158	Shri M. Murhekar	D. D.	DES, Maharashtra
159	Shri Sutar	P. O.	DES, Maharashtra
160	Smt. Ujjwala Pandey	R. O.	DES, Maharashtra