

Implementation Framework
for Seventh Economic Census 2019
through IT Application developed and
implemented by
CSC e-Governance Services India Limited



Government of India
Ministry of Statistics and
Programme Implementation

Ministry of Statistics and Programme Implementation
Government of India



Contents

1. Executive Summary	8
1.1 7th Economic Census	8
1.2 Key Stakeholders and their Roles in 7th EC	9
1.3 Envisaged Role of CSC-SPV (Implementing Agency).....	9
1.4 Development of IT Application for accomplishing:.....	10
1.5 Deployment of field enumerators and supervisors.....	10
1.6 7th EC High Level Implementation Approach.....	10
1.7 Envisaged Role of NSSO (FOD)	11
1.8 Envisaged Role of State Governments/UTs.....	11
1.9 Project Overview	12
1.10 Challenges	12
2 Project Scope and Coverage	15
2.1 Coverage.....	15
2.2 Exclusions	16
3 Governance Structure.....	19
3.1 Steering Committee of Seventh Economic Census	19
3.2 Expert Group of Seventh Economic Census	20
3.3 IT Committee	21
3.4 Central Level Operations Committee.....	22
3.5 State Level Operations Committee	23
3.6 State Level Co-ordination Committee.....	24
3.7 District Level Co-ordination Committee.....	25
4 Stakeholders	27
4.1 Ministry of Statistics and Programme Implementation (MoSPI)	27

4.2	Field Operations Divisions (FOD)	29
4.3	State Government	29
4.4	State Nodal Department	29
4.5	State Nodal Officer	30
4.6	District Magistrate	30
4.7	District Statistical Officer	31
4.8	CSC e-Governance Services India Limited (CSC)	31
4.9	Technical Support Group (TSG)	32
4.10	Supervisor level – II Officers	33
4.11	Village Level Entrepreneur	33
5	Implementation Methodology.....	34
5.1	IT Application	35
5.1.1	Mobile Application for data Capture and Verification	35
5.1.2	Web Based Application Software for Management, Monitoring and Supporting the project execution	36
5.1.3	Application for generation of Statistical Reports for ECI 2019	37
5.1.4	Data Capture & Survey.....	37
5.1.5	Reports & Data Handover.....	41
5.2	Enumerator and Supervisor on-boarding.....	42
5.2.1	Device onboarding for Enumerator.....	43
5.2.2	Supervisor Level 1	43
5.3	Training and Capacity Building	45
5.3.1	Proposed Training Plan:	45
5.3.2	Assessment & Certification	46
5.3.3	Learning Management System	47
5.4	Process and Protocols for firming up rural and urban frames	48

5.4.1	Resolving the discrepancies.....	49
5.4.2	Process of collecting the updated data frames from States and Union Territories	50
5.4.3	Processes and Protocols for collection of IV Unit maps and schedules	51
5.5	Enumeration Process	53
5.5.1	Area allocation	53
5.5.2	Survey	54
5.6	Monitoring Mechanism.....	56
5.6.1	Enumeration & 1 st Level Supervision Process	56
5.6.2	2 nd Level Supervision Process	57
5.7	Helpdesk and Support System	59
6	Project Timelines.....	61
7	Statistical Reports.....	64
7.1	Process of Report Generation	64
7.2	List of Tables	65
8	Annexures.....	67
8.1	Schema of Tables.....	68
8.2	7th EC Schedule	77
8.3	Orders of Constitution of High Level Committees	84
8.3.1	Steering Committee	84
8.3.2	Expert Group	86
8.3.3	IT Committee	88
8.3.4	Central Level Operations Committee	89
8.3.5	State Level Operations Committee	91
8.3.6	State Level and District Level Co-ordination Committee.....	93

List of Figures

Figure 4. 1Stakeholder Framework.....	28
Figure 5. 1: Implementation Methodology Components.....	34
Figure 5.1. 1: Architecture Design	36
Figure 5.1. 2: Area Allocation to Enumerators and Supervisor	38
Figure 5.1. 3: Enumeration process flow through mobile App.....	39
Figure 5.1. 4: Supervision Level 1 Process Map	40
Figure 5.2. 1: Process Flow of Registration.....	42
Figure 5.4. 1Firming Rural and Urban Frame	48
Figure 5.4. 2 : Finalizing the Frame	50
Figure 5.4. 3: Process for removing discrepancies in frame through state government support.....	51
Figure 5.4. 4: Process for collection of IV Unit Maps	52
Figure 5.5. 1: Area Allocation to Enumerators and Supervisors	53
Figure 5.6. 1: Process Map for Enumeration and Supervision Level 1.....	56
Figure 5.6. 2: Process Map for Supervision Level 2	57
Figure 7.1. 1: Flow Map for Seventh EC 2019 Report Generation.....	65

List of Tables:

Table 5.3. 1: Training Schedule	46
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Abbreviations

S. No.	Abbreviation	Detail
1	AITOT	All India Training of Trainers
2	CEO	Chief Executive Officer
3	CLOC	Central Level Operations Committee
4	COS	Collection of Statistics
5	CSC	Common Service Centre
6	CSC SPV	CSC e-Governance Services India Limited
7	CSO	Central Statistical Organisation
8	DDG	Deputy Director General
9	DG	Director General
10	DLCC	District Level Coordination Committee
11	DM	District Magistrate
12	DPD	Data Processing Division
13	DSO	District Statistical Officer
14	EA	Enumeration Area
15	EC	Economic Census
16	FOD	Field Operations Division
17	GoI	Government of India
18	GP	Gram Panchayat
19	GST	Goods and Service Tax
20	HQ	Head Quarter
21	ICT	Information Communication Technology
22	IT	Information Technology
23	IV Unit	Investigator Unit
24	L 1	Level 1
25	L 2	Level 2
26	LMS	Learning Management System
27	MeitY	Ministry of Electronics and Information Technology
28	MIS	Management Information System
29	MoSPI	Ministry of Statistics and Programme Implementation
30	MSME	Micro, Small and Medium Enterprise
31	NeGP	National e-Governance Plan
32	NSSO	National Sample Survey Organization
33	SLCC	State Level Coordination Committee
34	SLOC	State Level Operations Committee
35	SPV	Special Purpose Vehicle
36	ToT	Training of Trainers
37	TSG	Technical Support Group
38	UT	Union Territory
39	VLE	Village Level Entrepreneur

1. Executive Summary

The Economic Census provides the complete count of all establishments within the geographical boundary of India including those in the unorganized sectors, which have a huge contribution in Indian Economy in terms of employment generation. It provides disaggregated information on various operational and structural variables of all establishments of the country, and provides a valuable insight into the geographical spread/clusters of economic activities, ownership pattern, persons engaged, etc. The information collected during the Economic Census are useful for Socio-Economic developmental planning at state and district levels. Economic Census provides an updated sampling frame for follow-up enterprise surveys undertaken for detailed and comprehensive analysis of all establishments in the country.

So far Six Economic Census have been conducted by the Ministry of Statistics and Programme Implementation (MoSPI). Based upon learnings of previous economic census it is proposed to conduct the 7th Economic Census in 2019 with advanced ICT tools and applications. The 7th Economic Census will be conducted using state-of-the-art ICT platform, real-time data validation & scrutiny, monitoring & supervision using interactive MIS dashboards, finalization & dissemination of results through Statistical reports.

CSC e-Governance Services India Limited, a Special Purpose Vehicle formed under the Ministry of Electronics and Information Technology (MeITY), has been selected as the Implementation Agency for the development of ICT platform system and conduct of fieldwork for the 7th Economic Census.

The document is entitled to provide detailed insights into the Implementation Framework for Enumeration and Supervision through IT application. The main objective of the document is to comprehensively about the stakeholders, processes & protocols, implementation methodology, project timelines and ultimately the release of results.

1.1 7th Economic Census

Coverage - All establishments including household enterprises, engaged in production or distribution of goods/services (other than for the sole purpose of own consumption) in non-farm agricultural and non-agricultural sector will be counted.

Exclusions- In case of agriculture, establishments engaged in crop production and plantation will not be covered. In case of non-agriculture, establishments engaged in public administration, defence, compulsory social security, activities of households as employers of domestic personnel,

activities of territorial organizations and bodies and illegal activities would not be covered during the 7th Economic Census.

Expected Workload: Based upon the number of households and establishments counted in 6th EC and on the basis of growth rates in previous economic censuses, it is expected that approximately 27 crore Households and around 7 crore Establishments would need to be canvassed in the 7th Economic Census. In the 7th EC, 9 lakh enumerators and 3 lakh supervisors will be engaged by CSC SPV for conducting the data collection and field supervision respectively.

1.2 Key Stakeholders and their Roles in 7th EC

Following are the major stakeholders in the successful conduct of the 7th Economic Census:

- a. Economic Statistics Division, Central Statistics Office, MoS&PI – (**Role:** Nodal Division for the conduct of 7th Economic Census)
- b. CSC-SPV- (**Role:** Implementing Agency for IT application development and conduct of data collection activity for 7th Economic Census)
- c. NSSO (FOD), MoS&PI- (**Role:** MoSPI's field organization for assistance in capacity building of CSC manpower as well as sample physical inspection of CSC fieldwork.)
- d. State Governments and Central Ministries-(**Role:** Provide central/state/sub state level enterprise registers and assist MoSPI in sample physical inspection of CSC fieldwork.)

1.3 Envisaged Role of CSC-SPV (Implementing Agency)

Common Service Centre (CSC) e-Governance Services India Limited (a Special Purpose Vehicle (SPV) company) formed under the Ministry of Electronics and Information Technology (MeitY), Government of India has been selected as the Implementing Agency for development of desired ICT platform system and conduct of fieldwork for 7th Economic Census. CSC-SPV has a network of Common Services Centres (CSCs) created under the National e-Governance Plan (NeGP) as core front end infrastructure at the Gram Panchayat level (called Village Level Entrepreneur-VLE). There are approximately three Lakh CSCs spread across the country with approximately ninety thousand CSCs in urban areas. These CSCs have approximately 12,00,000 workforce engaged in delivering various government services and business services to citizens through their Digital India platform. CSC shall mobilize and engage additional manpower in areas where the workforce may be a limitation in current setup.

Following major activities are to be undertaken by CSC-SPV

1.4 Development of IT Application for accomplishing:

- a. Data Collection: to collect 7th EC household & establishment information along with their geo coordinates through mobile application, developed by CSC.
- b. Data Validation: To ensure that the 7th EC data quality & coverage is conforming to benchmarks and norms
- c. Monitoring & supervision Dashboard: To monitor the progress of 7th EC activities & release of milestones-based payment/penalty for delays or SLA breach
- d. Data Dissemination: To make available the 7th EC data to stakeholders for information and analysis

1.5 Deployment of field enumerators and supervisors

- a. Train the VLE staff/additional resources deployed by CSC for the enumeration and supervision work. This trained manpower has to undertake examination to qualify as enumerator or supervisor for 7th EC.
- b. The shortlisted candidates would be finally screened in physical & practical training sessions conducted by CSC in collaboration with MoSPI. Selected candidates would be eligible for conducting 7th EC survey and/or supervision.
- c. Deploy manpower and provide access to CSC network/mobile application for data collection.
- d. Augment manpower for data collection & supervision and ensure quality & coverage, wherever necessary.
- e. Continuous training and capacity building of enumerators/supervisors through audio/video tutorials, FAQs, helpdesk support, webinar, etc.

1.6 7th EC High Level Implementation Approach

- a) The CSC will engage manpower of VLEs in each centre based on the mapped workload of 7th EC. Approximately 9 lakhs enumerator are proposed to be engaged for data collection work and 3 lakhs are to be engaged for supervision of the work done by the enumerators.
- b) These enumerators and supervisors will undergo rigorous training modules and field training and after successful completion of the training, these enumerators and supervisors will be on-boarded for the work of 7th EC.

- c) Trainings are organised by the CSC at national level, state level and district/Block level where NSSO (FOD) will facilitate in providing the training. Apart from the physical training, webinar set up and videos made by the CSC are used for the enumerators to understand better.
- d) The entire field work would be conducted in three months during June to August 2019. Once the field work starts, the concurrent supervision will be started by the supervisor of CSCs. 100% supervision of enumerators activity will be done by CSC supervisors and the data quality is certified by the supervisor.
- e) In addition to quality certification by supervisor of CSC, the data would also be subjected to offline built-in scrutiny & validation checks. Only after this scrutiny, the data will go to the central server.
- f) Monitoring & supervision reports/Dashboard would be created on the basis of this data, and would be made available to NSSO (FOD) and State government officials to undertake sample physical inspection of activities done by CSC.
- g) The findings of physical inspection by NSSO (FOD) and State government officials would be captured into the IT platform through a web-interface developed by the CSC. These findings would be considered for finalization of the 7th EC data, and release of final payment to CSC.

1.7 Envisaged Role of NSSO (FOD)

- a. Conduct “Training of Trainers” for effective capacity building of field enumerators and supervisors engaged by CSC.
- b. Provide support & supervision in training (of enumerators/supervisors) conducted by CSC at district/sub-district level. Physical sample supervision of training activities being conducted by CSC at district/sub-district level.
- c. Physical inspection of 2 % enumerators surveyed by CSCs manpower.
- d. Coordinate with State government and District administration and facilitate CSC for smooth conduct of Seventh EC.

1.8 Envisaged Role of State Governments/UTs

- a. Sample physical inspection by State government to supplement NSSO (FOD) efforts to ensure the complete coverage and quality fieldwork by CSC.
- b. Provide support to CSC in effective liaison with district administration for smooth conduct of 7th EC fieldwork.
- c. Provide state-level enterprise databases for data quality & coverage checks.

1.9 Project Overview

Basis learnings from previous Economic Census, it is proposed to conduct the 7th Economic Census in 2019 using advanced ICT tools & applications. The 7th Economic Census will be conducted using state-of-the-art ICT platform that would facilitate:

- Geo-codes embedded data collection on mobile devices
- Real-time data validation and scrutiny
- Monitoring and supervision using interactive MIS dashboards

Furthermore the 7th Economic Census has been conceived to provide:

- Nation-wide Dynamic Statistical Business Register as per international practices adopted by developing countries and in line with the UNSD recommendations.
- Detailed information on economic variables, activity-wise of all the non-agricultural establishments of the country including its distribution at all India, State, District, Village/Ward levels for comprehensive analysis of the structure of the economy.
- Information on establishments registered under MSME Development Act, their assets and other economic criteria
- Information on number of workers working in establishments, activity wise and are wise
- List of all establishments tagged by geographical location up to village/ward level for local level planning purposed

1.10 Challenges

The Seventh Economic Census is the first-time endeavour of Ministry of Statistics and Programme Implementation to use IT based mobile application for data capture, verification and supervision. This has created an opportunity as well as new set of challenges, which are as follows:

1. Transfer of domain knowledge- MoSPI and CSC SPV has been working very closely to transfer the domain knowledge. At the same time, key methodology and understanding are distributed across a different set of people and coordination at the same time on same issue requires multiple re-iteration and validation.
2. Villages and wards as numbered in 2011 Census were used in the 6th Economic Census 2012-2013. However, the number of districts has now increased to a total of 722 thus creating a great operational challenge of coding the enumeration areas in rural as well as urban.
3. General Elections to have an effect on the process of training and rolling out of the 7th Economic Census. The scheduled dates for training at various level across the country have

been worked out in sync with the election dates in every State and UT, as well as collection of updated databases of administrative blocks, maps and schedules have posed as an operational challenge.



Table 1: Sales Data

Region	Q1	Q2	Q3	Q4	YTD
North	120	130	140	150	540
South	110	120	130	140	500
East	100	110	120	130	460
West	90	100	110	120	420
Central	80	90	100	110	380
Other	70	80	90	100	340
Total	570	620	680	750	2620

2 Project Scope and Coverage

Ministry of Statistics and Programme Implementation (MoSPI) intends to conduct the Seventh Economic Census of India 2019 by extensively leveraging Information Technology. The project aims to capture the complete count of all establishments located within the geographical boundary of India. The 7th EC will provide disaggregated information on various operational and structural variables of all the establishments in the country. It will be implemented through the system of 3 Lakh Common Service Centre registered under Government of India's "Digital India" programme.

CSC-SPV is the implementation agency for catering to all front-end activities for the conduct of the 7th Economic Census. CSC SPV shall broadly cover the following activities:

- (1) Project Management and monitoring under the supervision of MoSPI
- (2) Planning and execution of survey work with the support of MoSPI
- (3) On-boarding Enumerators and Supervisors
 - a. Registration of Enumerators and Supervisors
 - b. Training & Certification
- (4) Design and Development of IT applications & systems to facilitate the enumeration and supervision
 - a. Mobile Application development for data capturing, enumeration and supervision
 - b. Web based Application for Management, Monitoring and Supporting the project execution
 - c. Develop Application for generation of Statistical Reports for 7th EC of India 2019
- (5) Deployment of trained enumerators and supervisors for enumeration and capturing data for 7th EC 2019
- (6) Deployment of Help Desk & Support System for operation and technical support to aid in the survey work
- (7) Statistical Report generation and data handover to MoSPI

2.1 Coverage

- (1) All establishments including household enterprises, engaged in production or distribution of goods/services (other than for the sole purpose of own consumption) in non-farm agricultural and non-agricultural sector will be counted.
- (2) Once the model of conduct of the 7th EC stabilizes, the scope can be enhanced to include the sectors left over in this Census from the 8th Census onwards.

- (3) All households and establishments are proposed to be covered in the 7th Economic Census.
- (4) Wards (in the urban areas) & villages (in the rural areas) will form the primary geographical unit.
- (5) Establishments with fixed structures are proposed to be covered at the place of their operation. On the other hand, economic activities that are carried out without any fixed structures are proposed to be covered at the place of the residence of the owner. All types of establishments (perennial, seasonal and casual), existing on the date of census, though may not be in operation on the day due to certain reasons, are also proposed to be covered in the census.
- (6) In the 7th Economic Census, it is envisaged that there would be 100% coverage with no omissions. Data collected for individuals will not be shared

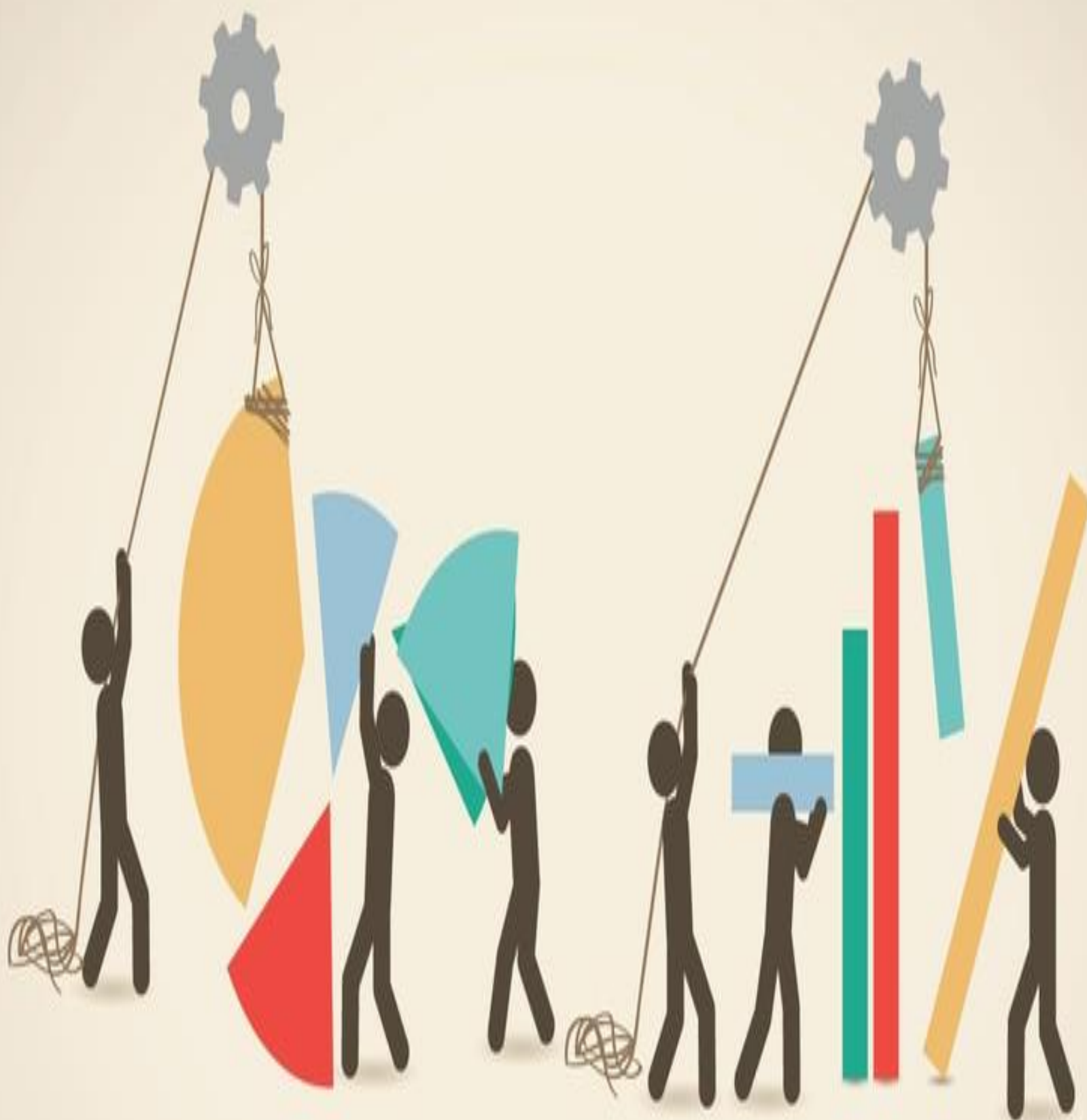
2.2 Exclusions

The following categories of households / persons will not be enumerated in the EC:

- 1) Households comprising foreign nationals will not be enumerated.
- 2) Barracks of military and para-military forces (like Army, BSF, and Police etc.) are outside the economic census coverage. However, civilian population residing in their neighborhood including the family quarters of service personnel are to be covered.
- 3) Under trial prisoners in jails and indoor patients of hospitals, nursing homes etc. are to be excluded from current census house. They will be considered as normal members of their parent households and will be counted there. But households of residential staff of jails, hospitals, etc. will be enumerated. Convicted prisoners undergoing sentence will not be considered in the economic census.
- 4) Floating population, i.e. persons without any normal residence will not be enumerated.
- 5) Households which do not live in buildings but live in open or roadside, pavements, in hume pipes, under flyovers and staircases, or in the open places of worship, mandaps, railway platforms etc. are to be treated as houseless households and such households will not be covered in EC.
- 6) The inmates of institutions like Orphanages, Nari Niketans etc. may not be enumerated as single member households. Such institutions themselves will qualify as establishments. Although inmates will not be enumerated, owners and residential staff of these institutions residing within the premises of the institutions may be enumerated as households.

The following activities are not deemed as economic activity from perspective of EC 2019:-

Sector	Description of activities
Primary	<p>Agriculture (crop production and plantation):</p> <p>Growing of perennial and non-perennial crops and production of all vegetative planting materials</p>
Service	<p>Public administration and defence and compulsory social security:</p> <p>This section includes activities of a governmental nature, normally carried out by the public administration covering all Ministries, departments at Central and State/UT Govt. level and also local Govt.</p> <p>This includes the enactment and judicial interpretation of laws and their pursuant regulation, as well as the administration of programmes based on them, legislative activities such as all type of courts, taxation including octroi, sales tax, excise, income tax etc., national defence (air force, navy and army), public order (police) and safety (fire tender etc.), immigration services, foreign affairs and the administration of government programmes, such as MG-NREGA and other schemes run by Ministries of Health and Family Welfare, Education and Rural Development, etc.</p> <p>This section also includes compulsory social security activities such as pension office, EPFO, ESIC etc.</p> <p>For example, administration of the school system (i.e. regulations, checks, curricula) falls under this section but teaching itself does not. Similarly, some activities described in this section may be carried out by non-government units.</p>
Service	<p>Gambling and betting activities:</p> <p>This includes book-making, wholesale and retail of lottery tickets and betting activities coin operated gambling machines, operation of virtual gambling websites and other gambling activities, which are declared illegal by the respective State Governments.</p>
Service	Activities of the household as employers and undifferentiated goods and services producing activities of house hold for own use.
Service	<p>Activities of extraterritorial organizations and bodies.</p> <p>This includes activities of international organizations such as United Nations and its agencies. IMF, World Bank, European Commission, OPEC etc.</p>



3 Governance Structure

The Seventh Economic Census (EC) is a massive exercise aimed at collecting data on all non-farm economic activity in the country. It is a very important national statistical program in which the center and all the States / UTs simultaneously participate with a common goal. The information collated by MoSPI is used by many arms of the Government, such as various central ministries, state governments, apex organizations such as GST Council, Reserve Bank of India, NITI Aayog and many others for policy formulation. It is important therefore that all these stakeholders are involved in the 7th EC process from initiation and provide their inputs & guidance. Close coordination and a seamless flow of communication among these organizations is essential for successful conduct of the 7th EC.

MoSPI has, for the purpose of ensuring stakeholder involvement, guidance and coordination, constituted various high-level committees. These committees will monitor the project progress and will provide guidance and direction. They will also monitor the interstate and interdepartmental coordination. The Composition & the Terms of Reference of these committees are as given below.

3.1 Steering Committee of Seventh Economic Census

The Ministry of Statistics and Programme Implementation (MoSPI) has been conducting the Economic Census (EC) from time to time. The EC provides a detailed and comprehensive database of all establishments in the country covering formal and informal establishments in both the public and private sectors. The Seventh Economic Census will use technological interventions in the conduct of the field work. For overall guidance, conduct, implementation and monitoring of the 7th Economic Census, constitution of Steering Committee with the following composition has been formed:

Composition

S. No.	Members	
1	Secretary, Ministry of Statistics & PI (MoSPI)	Chairperson
2	Secretary, Ministry of Labour and Employment	Member
3	Secretary, Ministry of Corporate Affairs	Member
4	Secretary, Ministry of Electronics and Information Technology -	Member
5	Registrar General of India	Member
6	Representative of NITI Aayog	Member

S. No.	Members	
7	Director General (ES), MOS&PI	Member
8	Director General (Survey), MOS&PI	Member
9	Additional Secretary & Financial Adviser, MoSPI	Member
10	Additional DG, FOD, NSSO, MoSPI	Member
11	Additional DG, ESD, CSO, MoSPI	Member (Convener)

Terms of reference

- Evolve strategies for deciding logistics, implementation, coordination and financial issues and ensure timeliness for conduct of Economic Census;
- Evolve ways and means of conducting Economic Census in accordance with methodology recommended by the Expert Group constituted for the purpose;
- Evolve a consultation mechanism with States, concerned Ministries, Departments and Industry Associations, etc.;
- Evolve modalities of quality assurance in field work (including concurrent and non-concurrent inspection, data scrutiny and post enumeration checks) and data processing at national/ State/ sub-State levels in consultation with Chief Secretaries/ Administrators; and
- Evolve mechanisms for preparation of a national Business Register and its dynamic updation from existing and emerging databases at the central and state levels.

3.2 Expert Group of Seventh Economic Census

A committee has been constituted for the overall guidance on the technical aspects related to the Seventh Economic Census with the following composition:

Composition:

S. No.	Members	
1	Director General (ES), CSO, MoSPI	Chairperson
2	Additional DG, SDRD (NSSO), MoSPI	Member
3	Additional DG, DSDD, MoSPI	Member
4	Joint Secretary, DIPP, M/Commerce & Industry	Member
5	Joint Secretary, M/o Labour and Employment	Member

S. No.	Members	
6	Sr. Vice President (IT Infrastructure), GST Network	Member
7	Representative of Reserve Bank of India	Member
8	Representative of NITI Aayog	Member
9	Deputy Director General (EC), ESD, MoS&PI	Member (Convener)

Terms of Reference

- Recommend strategies for data collection including schedule design, data validation, tabulation and report generation with respect to 7th EC;
- Recommend the modalities for the use of appropriate information technology in the various aspects pertaining to coverage of 7th EC;
- Evolve a mechanism for inspection, monitoring and post enumeration checks;
- To organize Stakeholder consultations including State Governments, Central Ministries/ Departments, data users, etc. on various technical issues pertaining to conduct of 7th EC;
- Recommend modalities to roll out unique identification number in consultation with MSME and RBI and any others who have experience in this task; and
- Recommend modalities for developing National Business Register, its dynamic updation and linkage with benefits under Government Schemes along with appropriate IT infrastructure.

3.3 IT Committee

A committee has been constituted to look into all IT related issues of the Seventh Economic Census with the following composition:

Composition

S. No.	Members	
1	ADG, DSDD, MoSPI	Chairperson
2	DDG, NIC, MEITY	Member
3	DDG (EC), ESD, MoSPI	Member
4	Head of Software Group, DPD, MoSPI	Member
5	Director, DSDD, MoSPI	Member (Convener)

Terms of reference

- Ascertain completeness of the solution delivered by CSC vis-a-vis the envisaged requirements and functionalities and recommend additional functional requirements
- Ensure effective bandwidth, throughput and implementation of e-Governance/ demographic standards in the application
- Oversee comprehensive security audit and load balancing of the application
- Conduct user acceptance tests and recommend go-live for the project
- Recommend modalities for and oversee transfer of data from CSC to MoSPI, after ensuring alignment with data archiving policy of Government.

3.4 Central Level Operations Committee

To monitor the progress of fieldwork and issue guidance on operational aspects of the Seventh Economic Census, a Central Level Operations Committee with the following composition has been constituted:

Composition

S. No.	Members	
1	Additional DG, NSSO(FOD)	Chairman
2	Deputy DG, NSSO (FOD Hqrs.)	Member
3	Deputy, DG, NSSO (FOD) Regional Office, Delhi	Member
4	Deputy DG, ESD, CSO	Member
5	Director, DSDD, CSO	Member
6	CSC, National Programme Manager	Member
7	Deputy Director, NSSO (FOD Hqrs.)	Member (Convener)

Terms of reference

- Apex – level monitoring of progress in fieldwork and issue guidance on operational issues, if any
- Review feedback from State Level Operations Committees and recommend suitable course of action to ESD, CSO

- c) Review feedback from Central Monitors and recommend suitable course of action to ESD, CSO
- d) Provide feedback to 7th EC Steering Committee on operational aspects of the 7th EC
- e) Any other matter incidental to the above or connected thereto
- f) FOD (zonal offices) may attend the Central Level Operations Committee meetings as special invitee
- g) The Central Level Operations Committee may co-opt official members(s) to help in meeting its objectives

3.5 State Level Operations Committee

To monitor the day-to-day progress of fieldwork and resolution of operational challenges, if any, faced by enumerators and supervisors, State Level Operations Committee cum Monitoring Cell has been constituted in each State/UT with the following composition and terms of reference:

Composition

S. No.	Members	
1	Deputy DG, NSSO (FOD) State Capital Regional Office	Chairman
2	Representative of Director (Economics & Statistics)	Member
3	Representative of MSME Department	Member
4	Representative of Industries Department	Member
5	CSC-SPV State Head	Member
6	Deputy/Assistant Director, NSSO (FOD) State Capital Regional Office	Member (Convener)

Terms of Reference

- a) Day-to-Day monitoring of 7th EC progress and resolution of operational issues, if any. Committee, at its own level, to take timely corrective actions for resolution of problem within overall operational framework for 7th EC
- b) Monitor and oversee the quality of training programmes conducted by CSC-SPV
- c) Coordination between government agencies for comprehensive 2nd level supervision coverage
- d) Provide feedback to NSSO-FOD (Zonal Office) and Central Level Operations Committee and District Level Coordination Committee

- e) Any other matter incidental to the above or connected thereto
- f) The State Level Operations Committee ay co-opt official member(s) to help in meeting its objectives

3.6 State Level Co-ordination Committee

To monitor preparedness, progress and hurdles in the conduct of 7th Economic Census, States has constituted “State Level Co-ordination Committee” on the following composition principles

Composition

S. No.	Members	
1	Chief Secretary	Chairperson
2	Principal Secretary, Department of Industries	Member
3	Principal Secretary, Department of Labour	Member
4	Principal Secretary, Department of Panchayati Raj	Member
5	Principal Secretary, Department of MSME/ Director, MSME(DI)	Member
6	Deputy DG, State Capital Regional Office, NSSO (FOD)	Member
7	Principal Secretary, Planning/ State Nodal Officer	Member (Convener)
8	Any other member as deemed appropriate	Member

Terms of Reference

- a) Monitor preparedness, progress and hurdles in conduct of 7th EC in the State on regular basis
- b) Nominate and officer of the state government at director level as nodal officer who will also work as member secretary to the committee
- c) Ensure complete coverage of the data canvassed through validation against existing databases such as State Business Register
- d) Prepare report on data correctness based on supervision carried out by the State/ UT and NSSO (FOD) supervisors
- e) Sensitize the business associations and citizens in general for cooperation
- f) Monitor feedback received from District Level Coordination Committee and resolve issues, if any
- g) To approve the provisional results of the Economic Census at State level

3.7 District Level Co-ordination Committee

To monitor preparedness, progress and hurdles in the conduct of 7th Economic Census, State governments have constituted “District Level Co-ordination Committee” on the following composition principles:-

Composition

S. No.	Members	
1	District Collector	Chairperson
2	Representative of District Planning Board	Member
3	Representative of District Industries Centre	Member
4	District Information Officer	Member
5	District Statistical Officer	Member (Convener)
6	Any other member as deemed appropriate	Member

Terms of Reference

- Monitor preparedness, progress and hurdles in conduct of 7th EC in the District on regular basis
- Provide feedback to the State Level Co-ordination Committee to perform its roles and functions effectively at the district level
- Sensitize/ direct the local law and order agencies, local government functionaries at Panchayat/ ward level for cooperation in smooth conduct of Economic Census
- Facilitate providing administrative unit maps of wards/ villages for fieldwork of Economic Census
- To approve and disseminate the provisional district level results of the Economic Census



4 Stakeholders

Seventh Economic Census 2019 is a mega project with multiple stakeholders. This section outlines the role and responsibilities of various stakeholders from the data enumeration perspective, monitoring and participation in successful publication of Economic Census report. The following organizations have the major role to play in Seventh Economic Census in terms of defining protocols, guidelines, monitoring the process, training & capacity building and carrying out the survey work.

4.1 Ministry of Statistics and Programme Implementation (MoSPI)

The Ministry of Statistics and Programme Implementation attaches considerable importance to coverage and quality aspects of statistics released in the country. The statistics released are based on administrative sources, surveys and censuses conducted by the center and State Governments and non-official sources and studies. The surveys conducted by the Ministry are based on scientific sampling methods. Field data are collected through dedicated field staff. In line with the emphasis on the quality of statistics released by the Ministry, the methodological issues concerning the compilation of national accounts are overseen Committees like Advisory Committee on National Accounts, Standing Committee on Industrial Statistics, Technical Advisory Committee on Price Indices. The Ministry compiles data sets based on current data, after applying standard statistical techniques and extensive scrutiny and supervision.

So far, the Ministry has conducted Six Economic Censuses successfully. Now, based upon the learnings from previous Economic Censuses, it was decided to conduct the Seventh Economic Census in 2019 using advanced IT tools and Applications.

Roles & Responsibilities

- (1) Overall conduct of the census across the country in a planned manner.
- (2) Overall monitor and supervise the work performed by the Enumerators and Supervisors of engaged by CSC for collecting the data.
- (3) Regulating the census related activities as per the provisions of Collection of Statistics Act, 2008 (amended in 2017) and COS Rules 2011 framed thereunder.

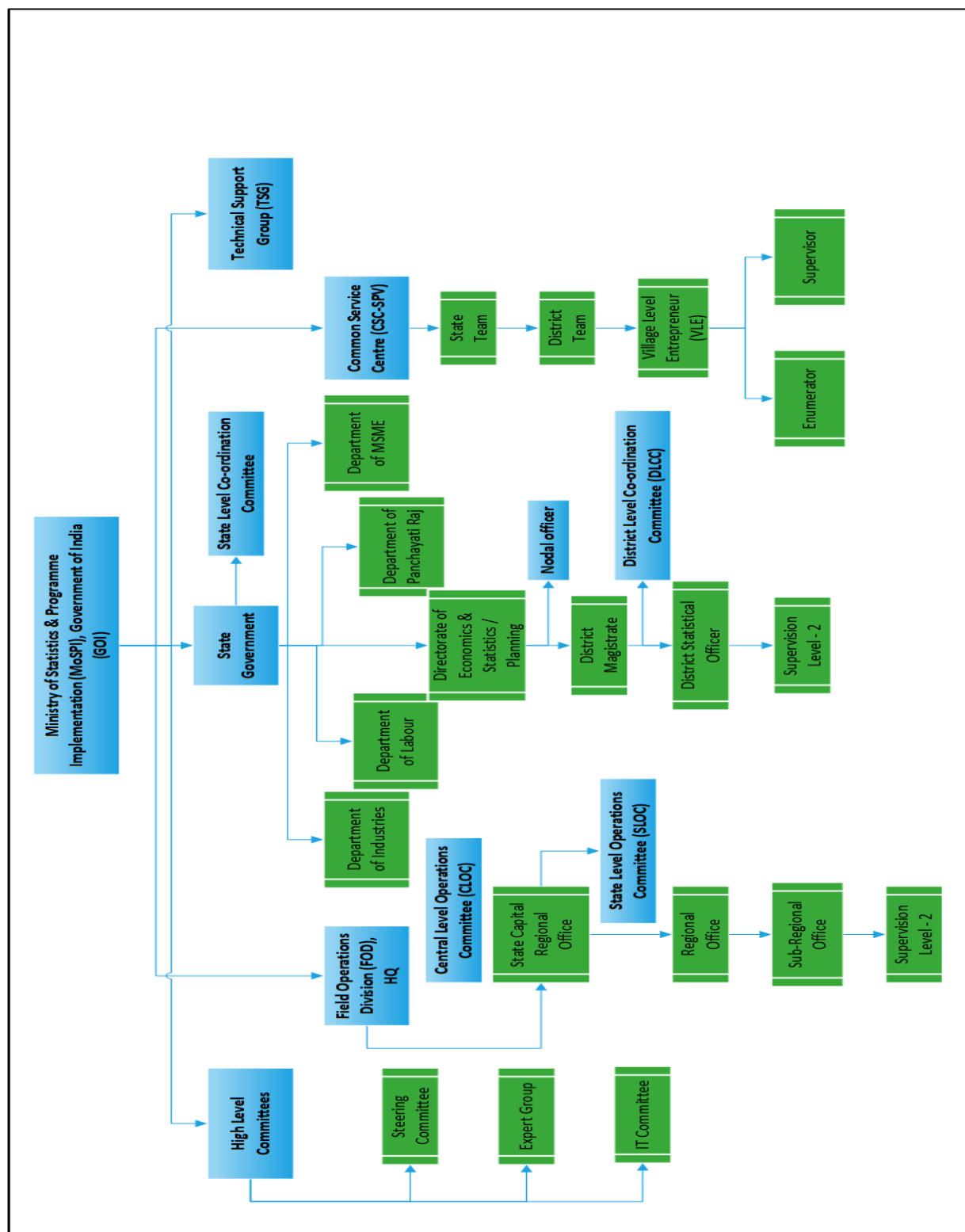


Figure 4. 1Stakeholder Framework

4.2 Field Operations Divisions (FOD)

The role of Field Operations Division (FOD) is to assist in the capacity building of CSC manpower and implementation of sample field inspection of the field work and monitor day to day operations through Operations Committee at the State and Central level as well as play a crucial role in finalization of results of Seventh Economic Census. The role of FOD includes:

- (1) Conducting the training of trainers for effective capacity building of field enumerators and supervisors engaged by CSC.
- (2) Provide support and supervision in training of enumerators and supervisors conducted by CSC at district and sub district levels.
- (3) Physical sample supervision of training activities being conducted by CSC.
- (4) Physical inspection of 2% enumerators and supervisors surveyed by the well-trained CSC manpower.
- (5) Effective coordination with State government and district administration to and facilitate CSC SPV for smooth conduct of fieldwork of seventh economic census.
- (6) Formation of CLOC and SLOC.
- (7) Monitoring of day to day operations through CLOC and SLOC.
- (8) Finalization of State Results of 7th Economic Census.

4.3 State Government

State Governments are major stakeholders of the 7th Economic Census, and the project is unviable in absence of their support. Multi-level intervention is required at the state level by respective State Governments with necessary engagement at each step.

4.4 State Nodal Department

- 1) Nominating the Nodal and Charge Officers for ensuring overall coordination, liaison for the seventh EC in the State with all concerned stakeholders in the State.
- 2) Support in resolving issues in LG Directory and Census codes to firm up Rural and Urban Frames.
- 3) Participation in Second Level Supervision. Necessary co-ordination with State Departments and Administrative units.

- 4) Provide State Business Register for validation and benchmarking
- 5) Formation of State Level Co-ordination Committee (SLCC) and District Level Co-ordination Committee (DLCC)
- 6) Issuance of letter to various Administrative and Local Self Government for awareness, sensitization and support for the 7th Economic Census
- 7) Facilitate and participate in District/Sub-District level Training programmes
- 8) Review of project progress
- 9) Publication of State and District results of the 7th Economic Census
- 10) Support in development of State Business Register

4.5 State Nodal Officer

- (1) For the 7th Economic Census all State Government have been requested to nominate a Nodal Officer who will be responsible for overall coordination with all stakeholders pertaining to the activities of the 7th EC in the State Government. The Nodal Officer will in effect be the part of State Level Co-ordination Committee (SLCC) and also the State Level Operations Committee (SLOC) chaired by DDG, State Capital Regional Office of NSSO FOD.
- (2) The Nodal Officer will also liaison internally with the departments of State concerned and provide information to MoSPI and CSC as and when required.
- (3) The Nodal Officer will be generally responsible for communications and support required from MoSPI as well as CSC with the district authorities as well as other departments in the state concern.

4.6 District Magistrate

- (1) The District Magistrate (DM) will be the charge officer of the district concerned. DM will chair the District Level Co-ordination Committee (DLCC), which will ensure smooth coordination and conduct of the 7th EC in the district and will facilitate the field work and resolve issues faced in the same through effective coordination between the departments in the district and ensuring cooperation from law and enforcement.

- (2) DM will also be the authority to release provisional results at district level of 7th EC as and when data collection and validation for district is over, without waiting for aggregation of data at State level.

4.7 District Statistical Officer

- (1) District Statistical Officer (DSO) will be the Nodal Officer in the district, and act as Single Point Of Contact (SPOC) for all Nodal Officers of the state as well as State Capital Regional Office and Regional Office of NSSO FOD and district coordinator of CSC-SPV.
- (2) The DSO will help the District Magistrate in understanding the challenges being faced and will also report issues and concerns therein pertaining to the fieldwork.
- (3) The DSO will also help the District Magistrate and the DLCC perform its duties in finalising its report concerning the district.

4.8 CSC e-Governance Services India Limited (CSC)

The CSC e-Governance Services India Limited (CSC) is the implementing agency for IT application and conducting the process of data collection for the seventh economic census across India on behalf of MoSPI. The role of CSC includes:

- (1) Perform the economic census related activities and data collection as per the norms and benchmarks set up by MoSPI.
- (2) Deploying the manpower of VLEs in each centre based for mapping the workload.
- (3) Approximately nine lakh enumerators are to be engaged for data collection work by CSC.
- (4) Approximately three lakh Supervisor Level –I Officers will be supervising the work done by the enumerators by CSC.
- (5) Handling the process of training the VLEs, enumerators and supervisors which will be deployed for conducting the census work across the nation.
- (6) Apart from physical training, training through webinar set up and videos shall also be conducted.

- (7) The manpower hired shall be trained and candidates shall subsequently appear for the online examination and after the clearance of the examination; the enumerators and supervisors shall be onboarded for performing the census work.
- (8) The data collected through IT application assures the quality and coverage according to pre-defined benchmarks and norms set by the Ministry.
- (9) The Technical Support Group deployed in the MoSPI will provide the support to rollout the seventh economic census across nation and will coordinate with various stakeholders at various stages of the project.

4.9 Technical Support Group (TSG)

The Technical Support Group (TSG) is the Programme Management Team for MoSPI. They will support MoSPI in smooth conduct of the Seventh Economic Census. TSG will help strengthen MoSPI's monitoring and evaluation systems and practices.

Key responsibilities

- 1) Maintain a close working relationship with key stakeholders
- 2) Ensure adequate information flow, discussions and feedback among the various stakeholders of the project
- 3) Inform the Ministry of any significant problem or issue which potentially affect the smooth implementation of the project
- 4) Assist MoSPI in developing a monitoring and evaluation framework and plan
 - a. Develop simple monitoring formats and guidelines to be used in monitoring process.
 - b. Assist MoSPI in implementing the M&E framework, guidelines and other tools
- 5) Assist MoSPI in developing and implementation of the awareness & sensitization framework about the project
- 6) Assist MoSPI in developing a data analytics framework
- 7) Assist MoSPI in ensuring seamless communication between the various project stakeholders

Composition of TSG

Technical Support Group	Nos
Principal Consultant - Program Management	1
Sr. Consultant Technology	1
Sr. Consultant Training and Capacity Building	1
Sr. Consultant Data Analytics	1
Sr. Consultant Communication	1
Consultant Technology	2
Consultant Training and Capacity Building	2
Consultant Data Analytics	2
Consultant Communication	1
Total	12

4.10 Supervisor level – II Officers

FOD and State Government shall be deploying Supervisor level – II Officers and will perform following roles:

- 1) Verify the collected data on sample basis forwarded by CSC supervisor.
- 2) Assist MoSPI in process inspection of the CSC fieldwork.

4.11 Village Level Entrepreneur

- 1) Mobilization of enumerators and supervisors
- 2) Coordinate with local administration and Panchayati Raj Institutions (PRIs)/Urban Local Bodies (ULBs) for awareness and sensitization among local communities
- 3) Inspection of allotted enumeration area for better understanding of census topography.
- 4) Allocation of enumeration area to enumerators and supervisor.
- 5) Ensure corrective measure based on feedback on process checks by Supervisor L2
- 6) Ensure correct data entry in the VLE dashboard on households, population, ward number, PIN Code for area allotted to him/her.
- 7) Using diligence and necessary precaution in dealing with large village and while breaking same into smaller enumeration area.
- 8) Information sharing with citizens

5 Implementation Methodology

Implementation Methodology is an essential part of the project, to make sure project works the way it is designed to. It defines the practices, rules, procedures and protocols in a discipline manner for successful and smooth conduct of the project. The 7th Economic Census is a mammoth task that would result in provision of data, of all the establishments of the country and, the data captured would define the success of the census. Therefore, to ensure the success of the project field operations play a critical role. Below are defined all the various process, procedures and protocols that would ensure the smooth and successful conduct of the 7th Economic Census 2019.

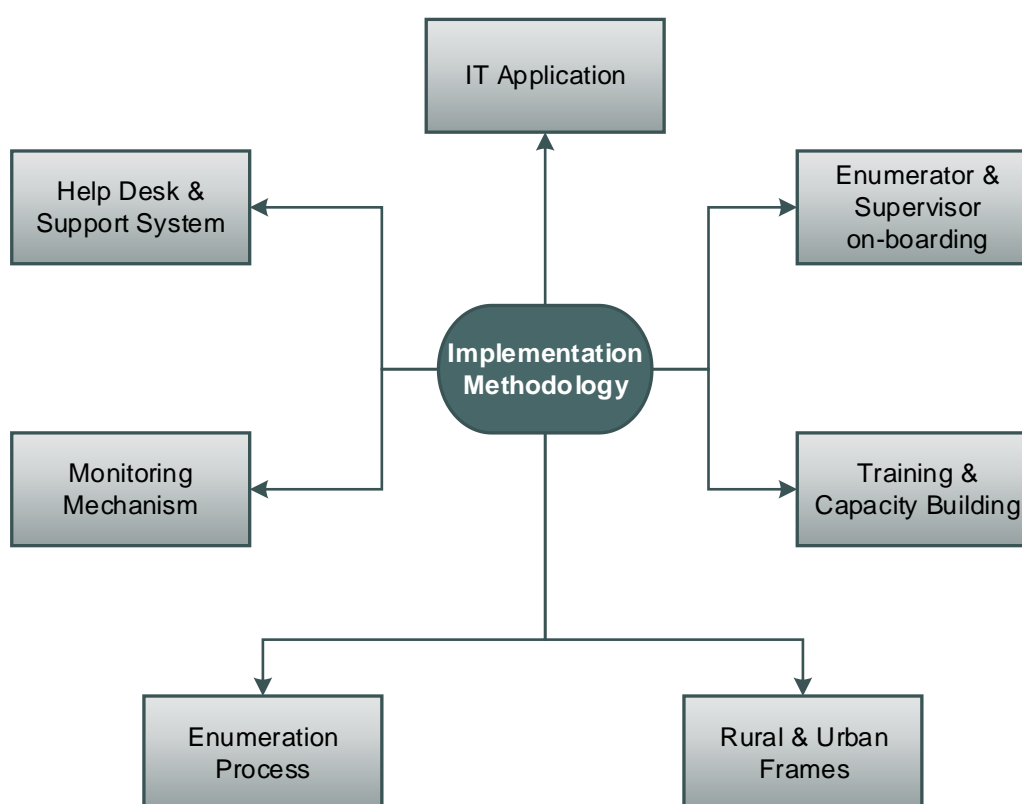


Figure 5. 1: Implementation Methodology Components

5.1 IT Application

CSC SPV has designed and developed IT systems and applications to cater the requirements to successfully implement and monitor the ECI 2019. The proposed system will include components as given below:

5.1.1 Mobile Application for data Capture and Verification

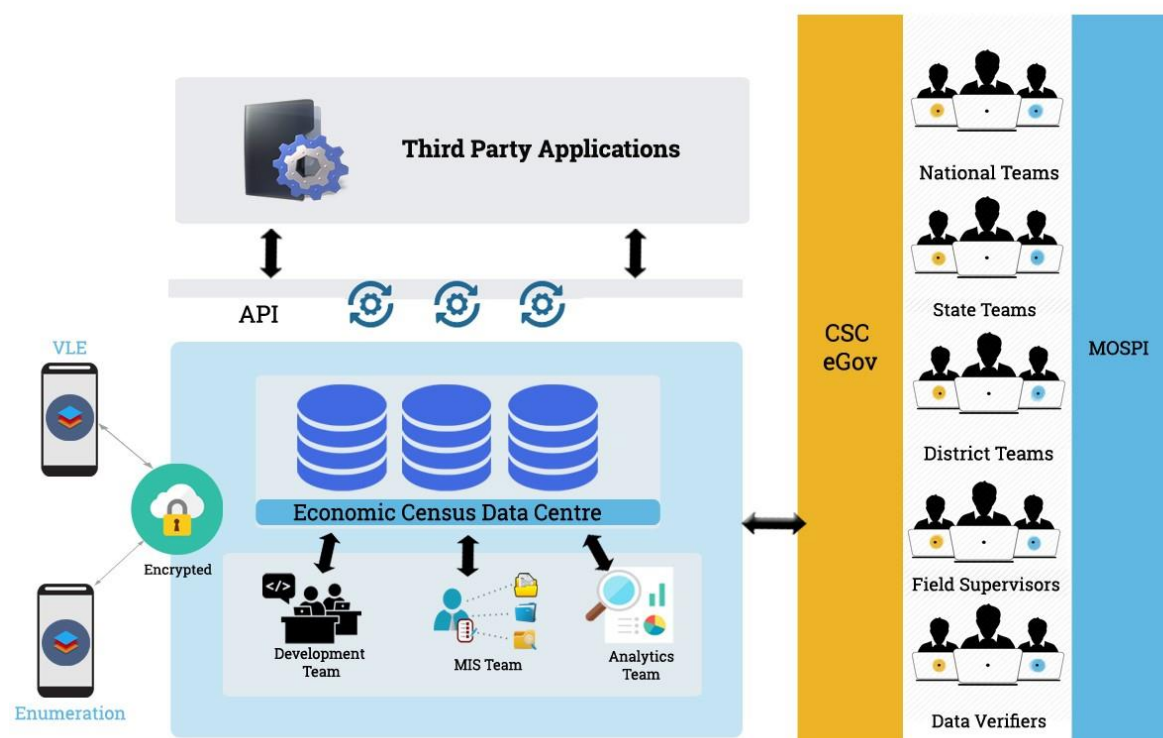
CSC SPV has designed and developed a mobile application to capture the data in the field for the Economic Census. The application will be used by the enumerators for capturing the data approved under schedule (EC 7) as per the category of establishment and conduct the 7th ECI. The data captured will be further verified by the supervisors through the mobile application. The mobile application will capture the GPS coordinates and will be recorded along with the data captured for EC.

The IT Application shall have the following capabilities:

1. OTP based Sign on: OTP based sign on capability provides a security capability that will restrict user to login.
2. Mac Id locked Application: Another important security feature is the mapping of user details with the registered devices like computer and mobile. In case, user changes the device, he/she will be required to register the new device and replace with the old device mac ids to continue the work.
3. Encrypted Data: The EC survey data shall be maintained in encrypted form and it can only be decrypted on the EC server. There shall not be any possibility of data theft or data loss.
4. Offline Sync: In case Enumerator does not get the network, he would be able to conduct the survey and sync the data as soon as he gets the network.
5. SMS confirmation: On completion of survey, respondent shall get the SMS for the data validation and confirmation. This will provide confirmation/validation of the survey data.
6. Enumeration can be done through mobile (Android) platform.

Following diagram gives an integrated overview of different modules of the application and with users:

Figure 5.1. 1: Architecture Design



5.1.2 Web Based Application Software for Management, Monitoring and Supporting the project execution

The proposed web-based application will provide functionalities for monitoring and management of the day to day operations of the project largely including work allocations, coverage, verification and performance.

The system will also generate MIS reports which will provide the coverage report for district and state wise, terminal reports, outlier reports and quality check reports which will incorporate the record of verified locations across the country.

5.1.3 Application for generation of Statistical Reports for ECI 2019

The proposed web-based application is provided with functionalities for monitoring and management of the day to day operations of the project largely including work allocations, coverage, verification and performance.

The system generates MIS reports which will provide the coverage report for district and state wise, terminal reports, outlier reports and quality check reports which shall incorporate the record of verified locations across the country.

5.1.4 Data Capture & Survey

CSC SPV will on-board the certified enumerators and supervisors on the platform which will enable them to conduct the survey under ECI 2019. Enumerators will be responsible for door to door capturing of data and conducting survey according to approved schedule (EC 7) across all the locations in the country. The data captured by enumerators will undergo a mandatory verification to be done by the supervisors. Data integrity and data reliability will be enhanced post the verification.

Area Allocation to Enumerators and Supervisor by VLE/ Supervisor Level 1

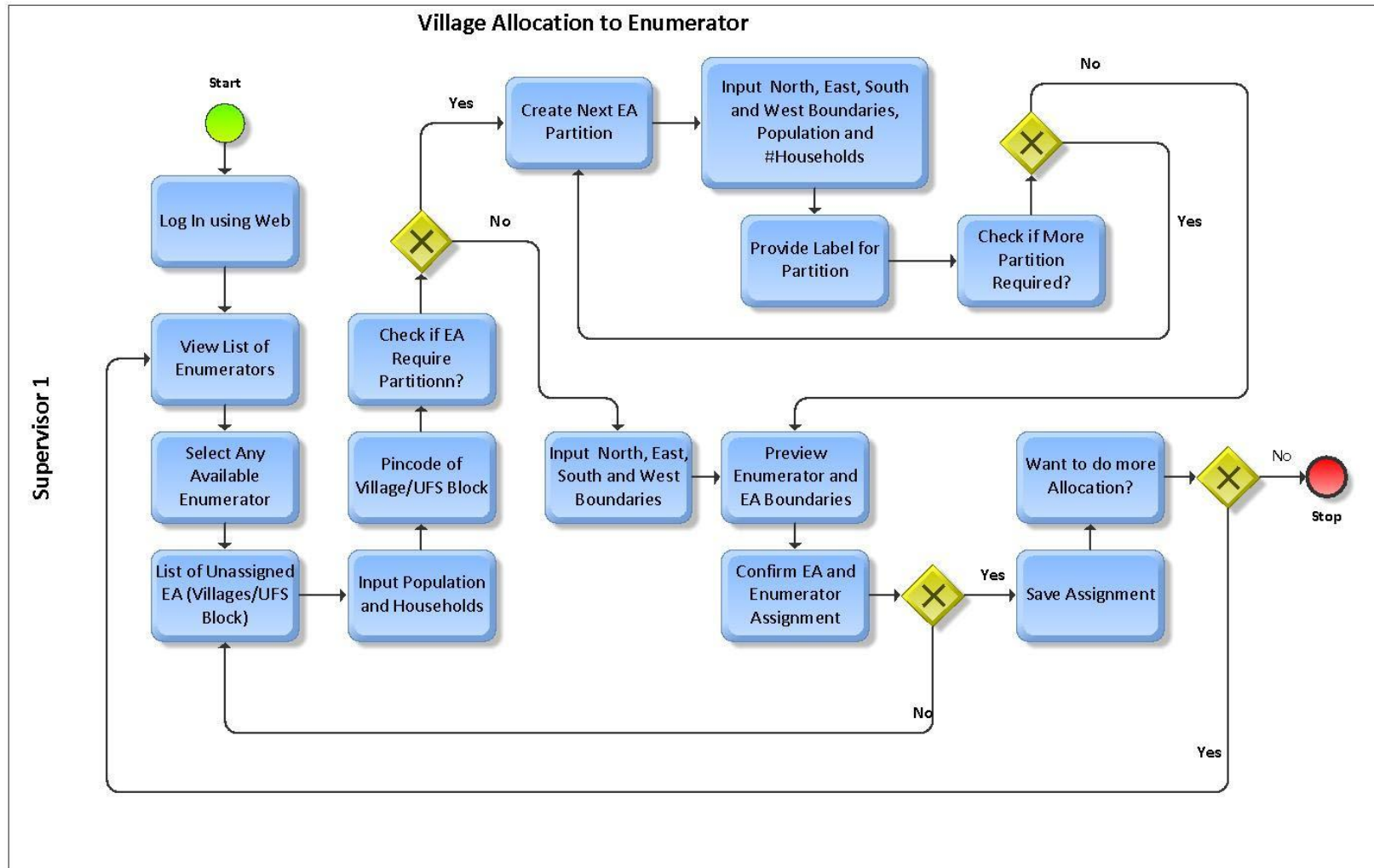


Figure 5.1. 2: Area Allocation to Enumerators and Supervisor

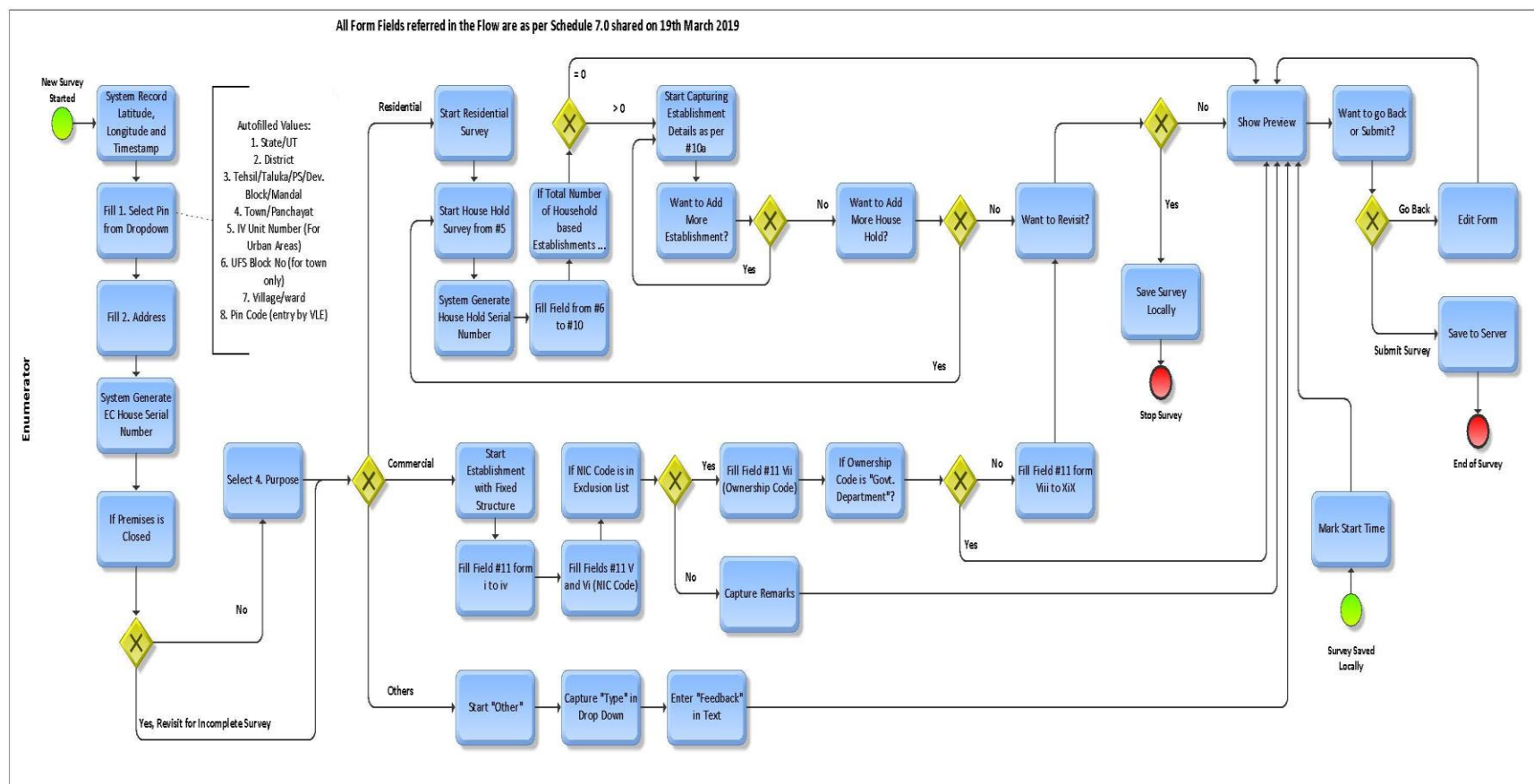
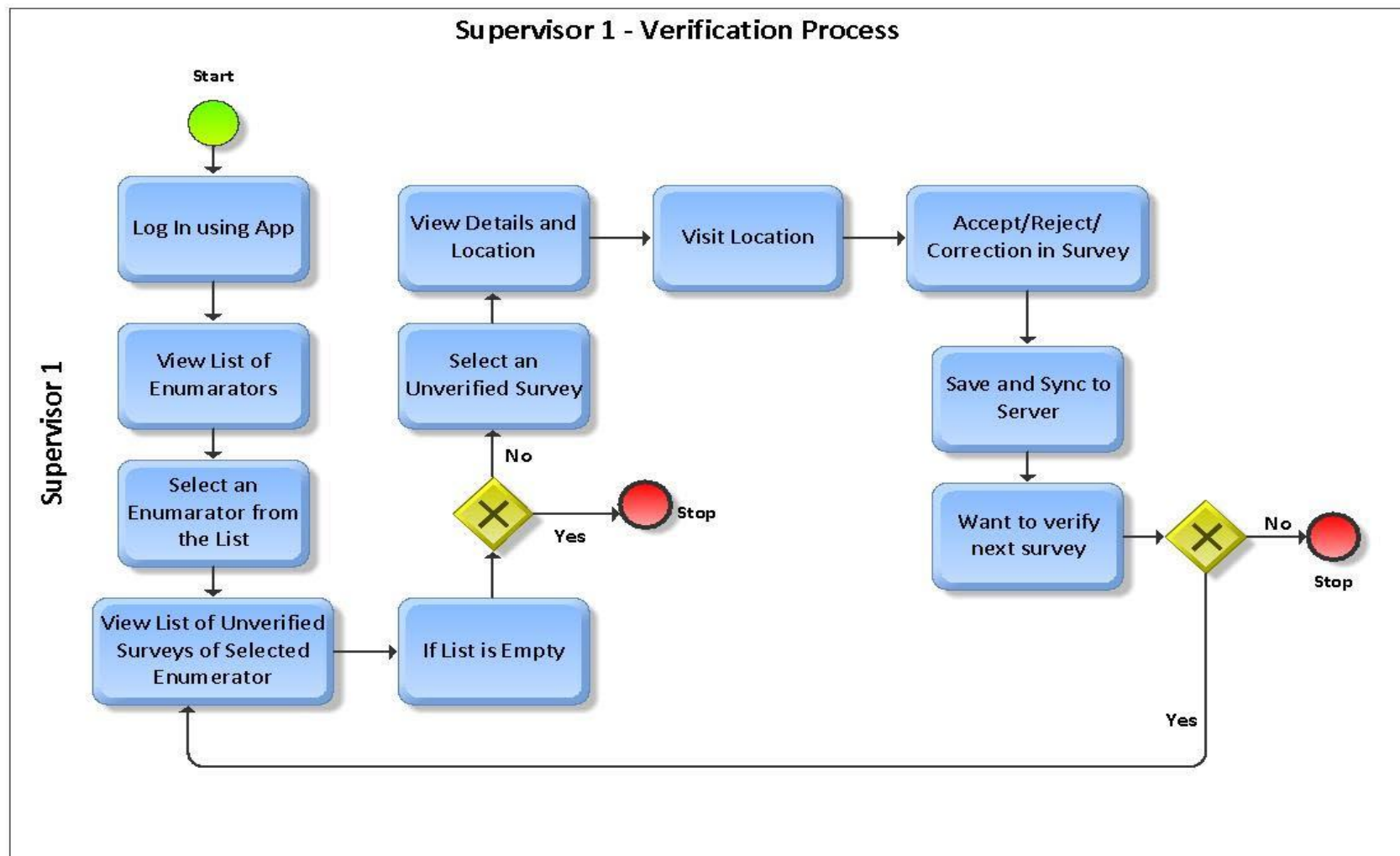


Figure 5.1. 3: Enumeration process flow through mobile App

Figure 5.1. 4: Supervision Level 1 Process Map



5.1.5 Reports & Data Handover

Generation of statistical reports for Economic Census is one of the most important activities on which the entire planning framework, for which the data has been collected depends. In the 6th Economic Census and earlier Economic Census, the report generation was an activity which had lot of manual intervention which is why report writing and tabulation took significant amount of time. However, in the 7th Economic Census it is proposed to make use of IT Application and IT platform being developed for the 7th Economic Census generation of reports as well. This will decrease the manual interventions, as well as lag in generation of results

The accepted data will be used for generation of the dynamic business register, and reports generations as well as the statistical reports as required by MoSPI.

5.2 Enumerator and Supervisor on-boarding

The quality of data captured would define the success of the census, therefore the field operations primarily enumeration is one of the most critical aspect of the whole project. About 9 Lakh enumerators and 3 Lakh supervisors would be deployed to collect information from the entire country. These enumerators and supervisors will be provided comprehensive training. National, state and district level training workshops to be conducted to ensure quality work.

For on-boarding enumerator and supervisor for the purpose of 7th Economic Census 2019, registration portal is developed for facilitating in registration of the enumerators and supervisors for Economic Census of India. The portal will help in automating the registration and on-boarding process of these enumerators and supervisors. This will help in time management; secure personal information and provide access to the required information whenever and wherever required.

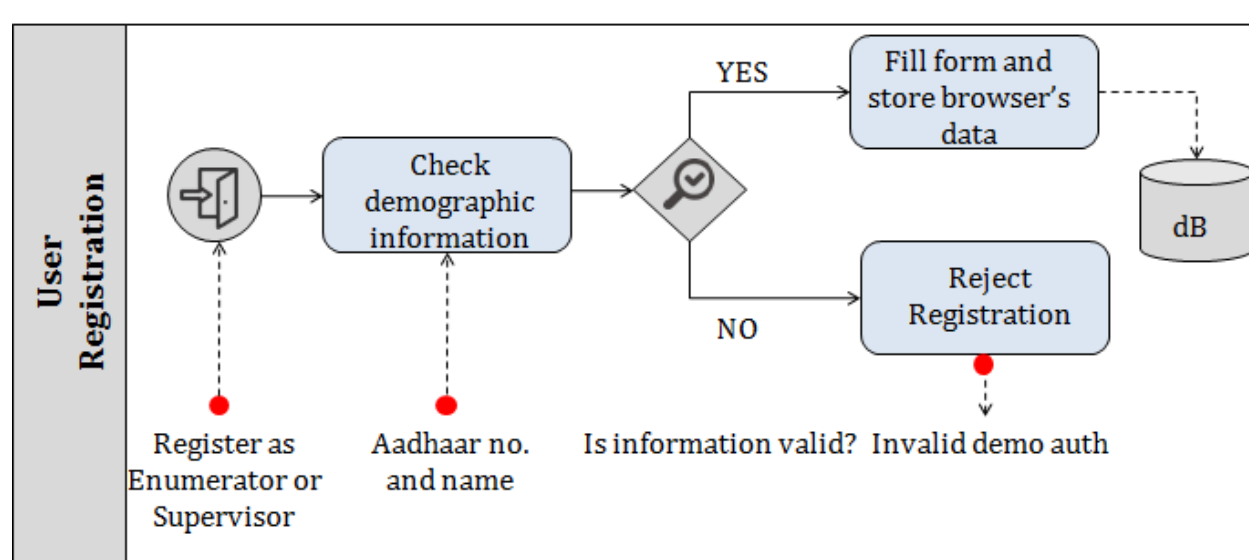


Figure 5.2. 1: Process Flow of Registration

The system aids at reducing the workload of all the entities involved in the registration and on-boarding process. The system will help;

1. To register prospective enumerators and supervisor under VLE
2. Automate the registration process without any physical human interaction
3. Making the registration process accessible anywhere to VLE
4. Allowing geographical tagging against all the VLEs

5.2.1 Device onboarding for Enumerator

1. Survey can be done by Enumerator on authorized device.
2. App is downloaded and installed on the Device.
3. Complete device credentials are captured by Application
4. Only certified Enumerator can create login on the device.
5. First time registration of device based on OTP on registered mobile for authentication of enumerator
6. Data is synced on the device based on the geographical location assigned by VLE to the enumerator.
7. Everyday login on the device based on OTP linked to registered mobile.
8. Data need to sync within 72 hours.
9. Web based monitoring of data allotted, survey and data sync.

5.2.2 Supervisor Level 1

1. Supervision is conducted on the registered device on which Supervisor is onboarded
2. Everyday sign-in based on the OTP sent to the registered mobile number
3. Data Sync in based on the data survey and synced by the enumerator
4. Supervision is door to door – covering all households and establishments
5. Supervisor has the ability to correct some part of the survey.
6. Surveys with gross errors are to be rejected by supervisor
7. Geotagging and time stamping at time of submission of the supervision forms.
8. Data has to be synced within 72 hours. Alerts, and disabling of new supervision items, if timelines not met.



5.3 Training and Capacity Building

Implementing Agency (CSC SPV) will engage approximately 9 lakhs enumerators and 3 lakhs supervisors, who will go under rigorous training modules and field training and after successful completion of the training, these enumerators and supervisors will be on board for the Seventh Economic Census. Trainings will be organized by CSC at national level, state level and district level and apart from physical training, webinar set up and videos made by CSC will be used for enumerators to understand better.

5.3.1 Proposed Training Plan:

The entire training program is designed to be a three- tier program to be conducted through a combination of Self-Paced Learning & Instructor Led Training. The training dissemination will be through a series of short video films & workshops to be held across the country. All participants will undergo a post training assessment & only on successfully qualifying will be certified to carry out the defined role.

There will be three sets of workshops as follows:

1. A National level workshop to be held in Delhi for the CSC State Heads / SPOC's and FOD state level resources and State Government officials. These Master Trainers will conduct/ facilitate in the State Level workshops in their respective states.
2. State Level workshops (approximately 50 in number) will be conducted in identified locations in the state for the CSC District Managers / District Coordinators. These trainers will conduct the District level workshops for the field staff.
3. District / Sub District Level workshops will be conducted for the Supervisors / Enumerators who have padded the online proctored examination in the LMS.

The proposed schedule is given below.

Sr No	Item	Duration	Location	Tentative Dates	Trainer (s)	Audience
1	National Workshop	1 day	Delhi	14 th May	CSC Team / NSSO FOD	State Coordinators
2	State Level Workshops	1 days	State Capitals	17 th May – 28 th May	State Coordinators	District Coordinators
3	Self-Paced Learning Modules	8-10 days	Web Based	1 st May	LMS	State Coordinators District Coordinators

Sr No	Item	Duration	Location	Tentative Dates	Trainer (s)	Audience
						VLEs Supervisors Enumerators
4	District Level Workshops	2 days	District & Tehsil HQ	25 th May – 15 th June	District Coordinators	VLEs, Supervisors & Enumerators

Table 5.3. 1: Training Schedule

Please refer to the Training Implementation Framework for detailed Session Plans and coverage of these workshops.

CSC has also formed a dedicated channel on YouTube for easy dissemination of information. This channel is already populated with almost 50 short video films covering every aspect of the Economic Census. This channel will also act as the main source of information / knowledge dissemination for the field staff as well as for refresher / reference purposes during the actual enumeration period.

5.3.2 Assessment & Certification

Assessment is an integral component of any training program. It aims to test the learner on the concepts / skills imparted during training. In our context, the assessment will serve to help understand the proficiency levels of the various stakeholders in carrying out their defined roles & responsibilities viz:

1. Village Level Entrepreneurs – demonstrate the following traits:
 - a. Manage the project (planning & execution)
 - b. Managing the team
 - c. Ensuring Integrity
2. Supervisor / Enumerator – demonstrate the following traits:
 - a. Conducting the surveys with 100% coverage & data quality
 - b. Eliciting the right information from respondents
 - c. Adhering to guidelines
 - d. Adhering to timelines

While the training modules will cover all of these & other softer aspects of the project, the assimilation of the same needs to be measured & recorded. Given the magnitude of the exercise it is proposed that all assessments be carried out online over the LMS. The assessment items will be

in the form of MCQ's & will assess the learner both on the concept & the application of the same wherever required.

The Master Trainers & the Trainers will be assessed post the workshop on the concepts learned and on achieving a pre-decided cut-off will be certified to conduct the next round of training.

The Supervisors & the Enumerators will undergo a tiered system of assessment. As explained in the process flow diagram on Page 10 of this document the following is the assessment framework:

On successful qualification of the assessment the supervisor / enumerator will be certified & onboarded on the CSC Portal for conducting the Seventh Economic Census.

5.3.3 Learning Management System

The Learning Management System (LMS) will help in catering the required training, assessment and certification of enumerators and supervisors for successfully conducting Economic Census 2019. The first phase of the LMS will have web and video based training material for basic training in order to enhance the quality of data collection for conducting economic census in the country. Offering multimedia training in assisted modes will not only become invaluable for the learner, but also an attractive and creative option.

This portal is aimed at providing a standard for census conduction content for both the enumerator and the supervisors. The CSC initiative in this regard is to help enumeration groups all over the country to substantially increase the quality of the economic census 2019.

The objective of Technology enabled learning is to enhance the way enumerators and supervisors learn concepts, and to reduce the tedious and mechanical aspects of some of the current learning methods through the use of technology in a variety of forms. Some of the aspects are as follows –

- Computer assisted instructions that uses the computer as a self contained teaching machine to present individual modules within a specific time interval
- Each module is complimented with a test which the user needs to take and pass to move onto the next module
- Computer managed instructions that use the computer to organize instruction and track prospective records and progress
- Instructional videos tool and print formats that include study guides
- Facility of availing Certificate and ID post passing the final proctored exam

5.4 Process and Protocols for firming up rural and urban frames

Local Government Directory has been used to create the Urban and Rural Frames for all States and Union Territories in the country. Detailed bifurcation basis the administrative block has been followed to create the Urban and Rural frames. After the compilation of Urban and Rural frames respectively for all States and Union Territories, the same was shared with the Ministry of Statistics and Programme Implementation (MoSPI) for validation checks, wherein Data Processing Division (DPD) ran the checks and shared the findings report describing the discrepancies in the frames.

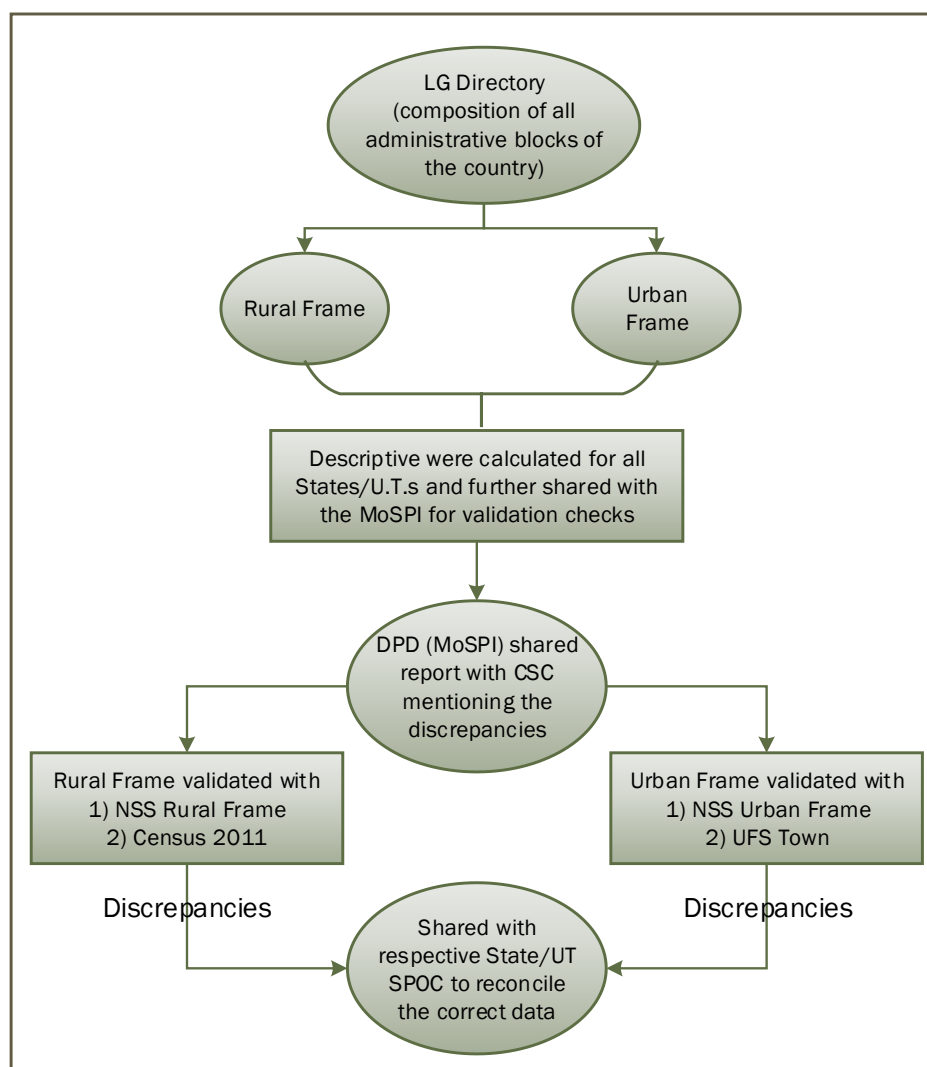


Figure 5.4. 1: Firming Rural and Urban Frame

5.4.1 Resolving the discrepancies

To solve the discrepancies in both, rural and urban frames of all the States and Union Territories the following set of process and protocols were adopted. The discrepancies were shared further with the State SPOC (of CSC) to collect the updated data from their respective States and UTs. On receiving the updated data base from all the States and Union Territories a series of process, mentioned below, to be adopted for reconciliation of the data bases for finalisation of the Urban and Rural frames.

- (1) Discrepancies shared with the States/UTs through State SPOC (of CSC)
- (2) Updated Data Collection from respective States/UTs
- (3) Data received from States/UTs with the CSC to be reconciled in the following the below mentioned processes
 - a. Matching the mismatches between the LG Directory and Data from States and Union Territories by unique Code
 - b. If it fails to match by Code, then matches to be made by administrative block Name and their respective Sub-District, District
 - c. If it fails to match by administrative Name, then matches to be found in the alternative frame (i.e. in case of rural mismatch the urban frame to be looked into and vice-versa)
 - d. If it fails to mismatch between the alternative frame, then the state/department to be contacted for further updated status (i.e. in cases of town/village was merged or change of name,etc)

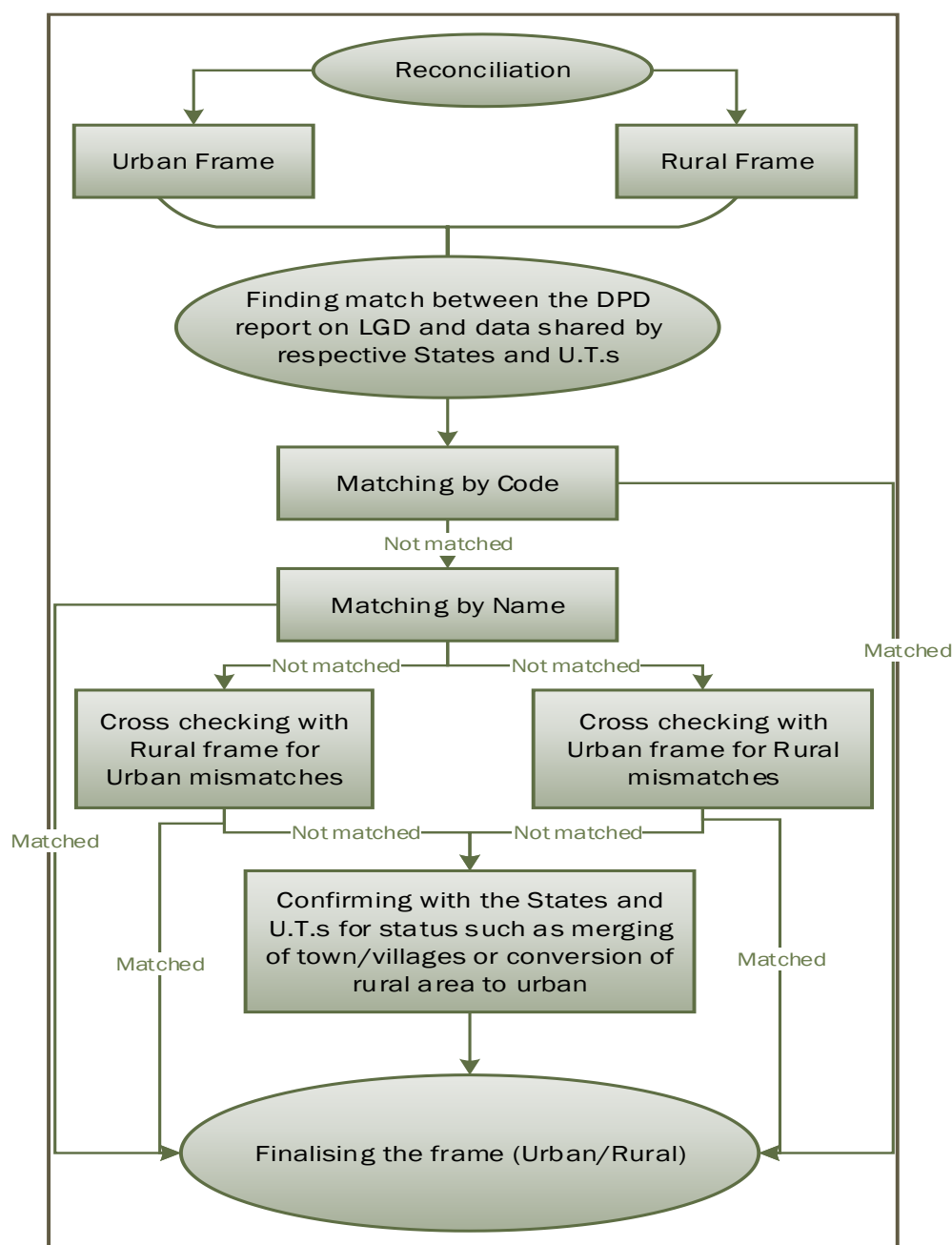


Figure 5.4. 2 : Finalizing the Frame

5.4.2 Process of collecting the updated data frames from States and Union Territories

The State SPOC (of CSC) would be responsible for collection of updated data frames for the purpose of resolving the discrepancies found in the Local Government Directory. To collect the same, below mentioned series of processes to be followed;

- (1) State SPOC (of CSC) to contact the Directorate of Economic Statistics (DES) for updated data of their respective states in terms of administrative blocks

- (2) Updated data from the State/UT to be shared with their central team for reconciliation
- (3) Reconciliation of data following the above-mentioned process
- (4) Issues and Challenges to be escalated to the department for resolution and further finalization of Urban and Rural frames

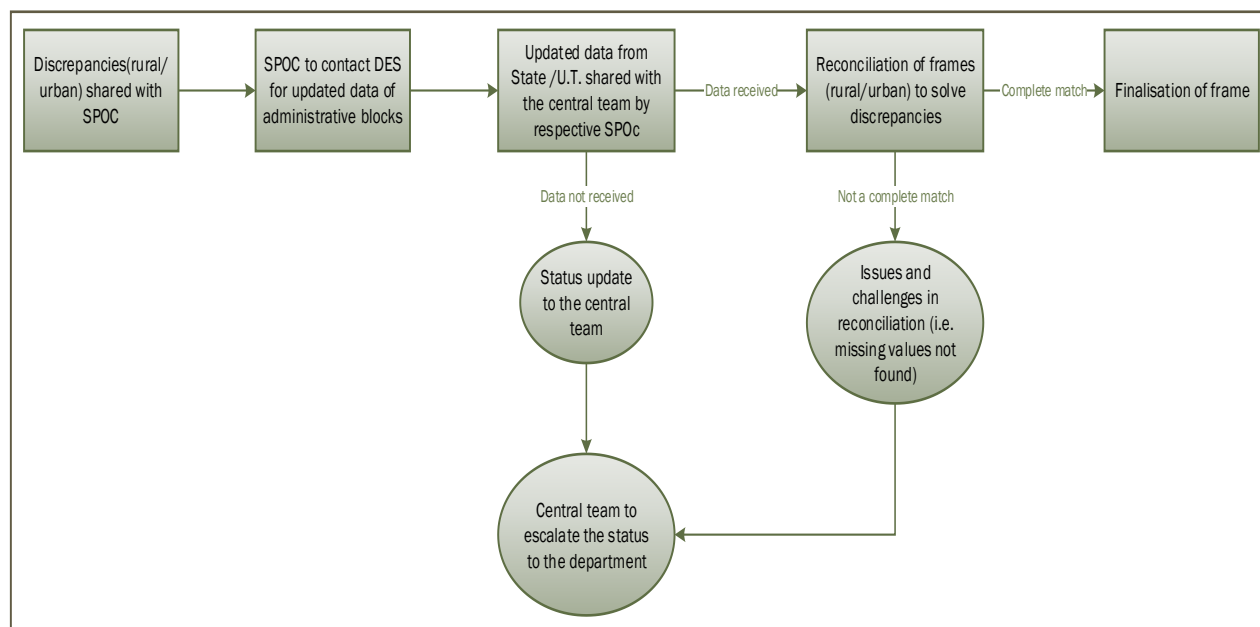


Figure 5.4. 3: Process for removing discrepancies in frame through state government support

5.4.3 Processes and Protocols for collection of IV Unit maps and schedules

For the purpose of data collection and fieldwork in Urban area, Investigator Unit (IV) Maps that are an outlay of a Town divided into Urban Frame Survey (UFS) Blocks for the ease of fieldwork, a series of processes and protocols are to be followed. The State SPOC (of CSC) to collect the Maps and their Schedules defining the boundaries of the maps from concerned NSSO-FOD offices, following the below mentioned protocols;

- (1) State SPOC to collect IV Unit maps in soft copy and Schedules in Excel format from State RO/RO
- (2) Collected maps and schedules to be shared with the Central team by State SPOC (of CSC)
- (3) Analysis for the purpose of cross checking the UFS Blocks, households and other important information between the maps, schedules and UFS Frames

(4) Issues and Challenges arising in the collection process especially related to the formats to be escalated to the central team for further escalation to the concerned department

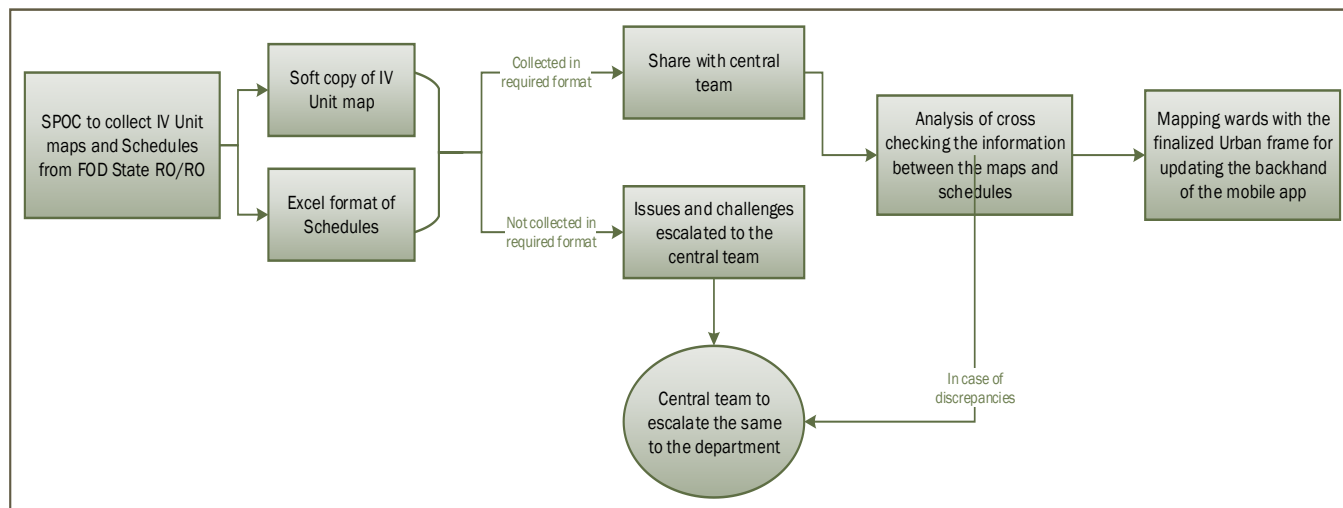


Figure 5.4. 4: Process for collection of IV Unit Maps

5.5 Enumeration Process

The quality of data captured would define the success of the census, therefore the field operations primarily enumeration is one of the most critical aspect of the whole project. All types of establishments, existing on the day of census, although may or may not be in operation on the day due to certain reasons to be covered in the census. The data to be collected from all entrepreneurs and households. The work of enumerator would be supervised at two levels to ensure data coverage and quality. Inspection of field work would also be monitored, and necessary actions would be taken wherever needed. For collection of information on number of workers employed, information as on last working day to be collected during the visit by the enumerator. For other information as well like major source of finance, etc. would also be considered as on the day of visit.

5.5.1 Area allocation

In urban areas the unit of enumeration is a ward and in rural areas the unit of enumeration is a village. The allocation of work/area to be enumerated to the enumerator and subsequent allocation of enumerators to the supervisors would be done by the Village Level Entrepreneurs (VLE). They have to ensure all enumerators under them are allocated work in an equitable fashion.

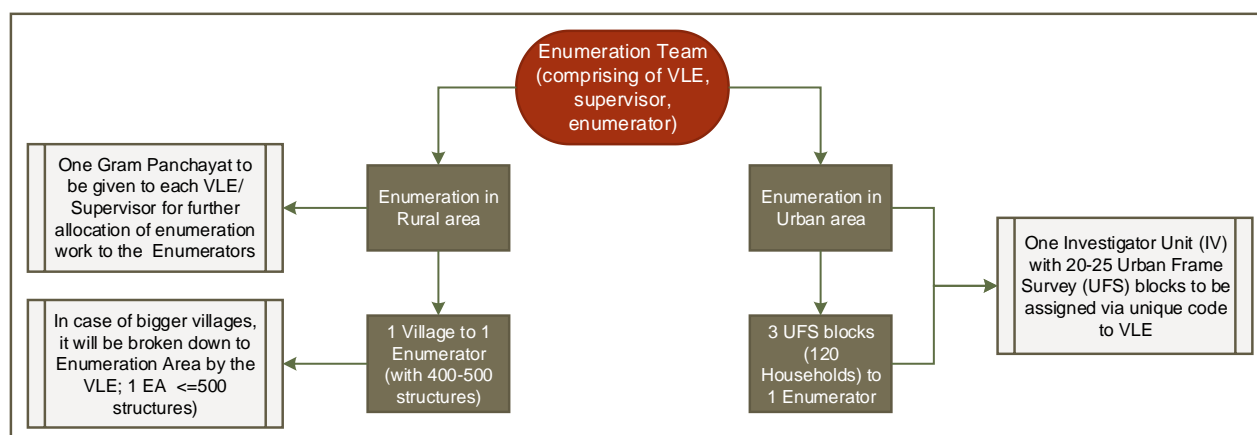


Figure 5.5. 1: Area Allocation to Enumerators and Supervisors

There would exist an Enumeration Team comprising of the Village Level Entrepreneur (VLE), Supervisor, and Enumerator. Generally, VLE would be the supervisor, in case wherever VLE is pre occupied he/she will be assigning a Supervisor.

- 1 supervisor will ideally have 3-4 enumerators assigned under him/her
- Allotment of work will be done by the VLE.

In case of enumeration in rural area

- 1 Gram Panchayat would be assigned to each VLE for allotment of work
- Generally, 1 village would be assigned to 1 enumerator
- In case of bigger villages, VLE will bifurcate the village into further smaller unit called Enumeration Area. Each EA will have no more than 500 structures

In case of **enumeration in urban area**

- 1 Investigator (IV) Unit would be assigned to VLE via unique code
- 1 IV unit has 20-25 Urban Frame Survey (UFS) blocks; each UFS block is generally a group of 120-200 Households
- Each enumerator will be assigned 3 UFS blocks for the enumeration work

IV unit maps and schedule B which is a unit wise block detail would be made available to the VLE on the dashboard via unique coding mechanism.

5.5.2 Survey

Basis number of households and establishments counted in the 6th Economic Census and growth rates observed, it is expected that approximately 27 Crore households and 7 Crore establishments would be covered in the 7th Economic Census. To conduct data collection and field supervision, 9 Lakh enumerators and 3 Lakh supervisors would be engaged. Village Level Entrepreneurs (VLE) will be registering Enumerators and Supervisors on the system. Largely VLE would act as supervisors, but other arrangements would be made in case VLE voluntarily chooses not to be the supervisor.

As **enumerator** the primary role is collecting the required information using the mobile application and ensuring 100% coverage and quality of the data in his/her allocated area. In urban areas unit of enumeration is a 'Urban Frame Survey (UFS) Block' and in rural areas the unit of measurement is a 'village'. In cases where the area or population of a particular village is unmanageable it will be bifurcated in smaller enumeration area. The bifurcation would help managing the field work efficiently and allocation of area to the enumerator.

After the allocation of area, the first responsibility of the enumerator is to identify the designated area in the respective village/ward to make sure no area/structure/building falling in his/her allotted area is omitted or excluded. Therefore it becomes essential for the enumerator to go around the allotted geography and become familiar with it and its main features. After ensuring that the entire area assigned has been covered and all establishments have been visited and

information procured, syncing the application with central survey is another essential step that follows.

As **Supervisor** he/she is responsible for monitoring the work of all the enumerators under him/her. 100% supervision of enumerator's activity will be done by the supervisor and the coverage & quality of data to also be certified.

Developing a daily reporting mechanism from the enumerators at the end of the day to establish a monitoring system ensuring the enumeration is carried out as per the norms and guidelines is an essential role of the supervisor. During the supervisory work post data collection, intimating the concerned enumerator and taking corrective action is yet another essential role supervisor plays. Once the data has been checked for all the quality measures the supervisor needs to sync the application with the central server for further scrutiny and processes.

5.6 Monitoring Mechanism

A project of this magnitude, involving a field force of over 12 Lakhs, requires a robust monitoring mechanism. Apart from the checks & balances built in the IT Application, a two-layer supervision mechanism has also been setup for the Seventh EC. The first level supervision will be a 100% verification of all structures covered and select data fields. There will be a second level supervision framework that will verify 10% of the data collected for coverage & accuracy.

5.6.1 Enumeration & 1st Level Supervision Process

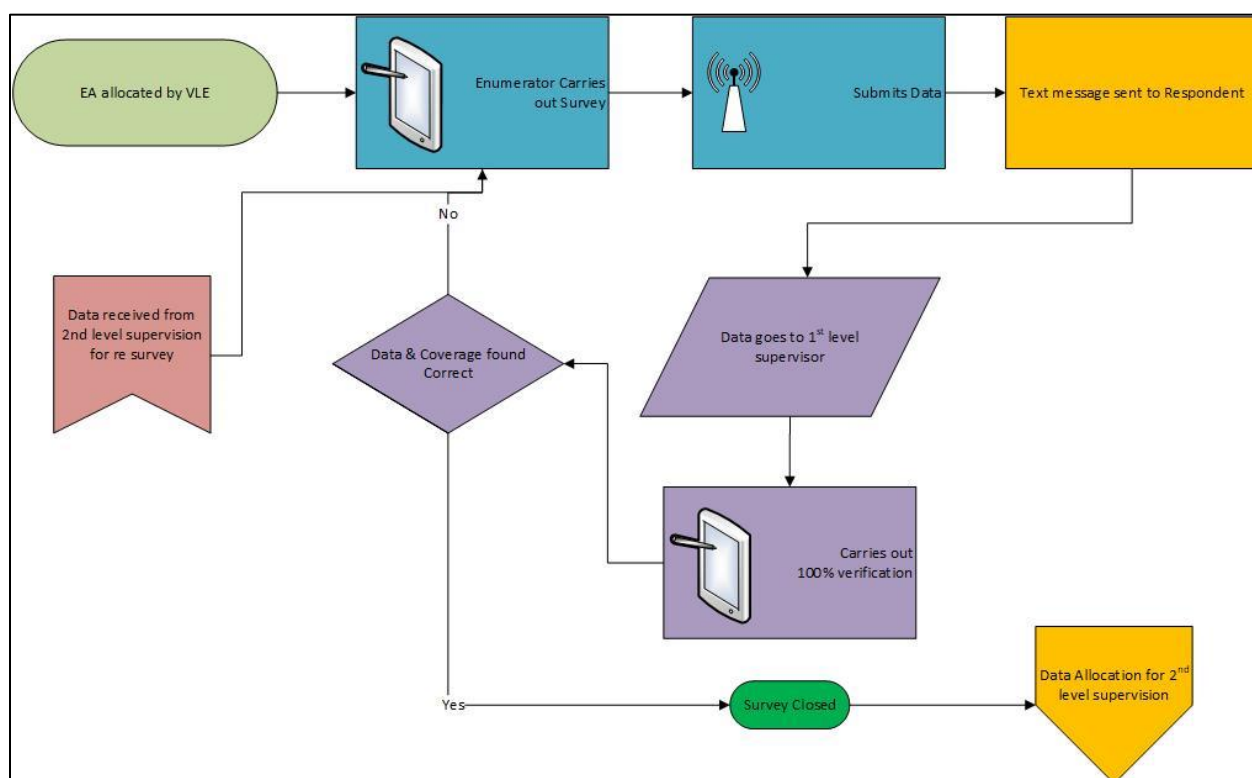


Figure 5.6. 1: Process Map for Enumeration and Supervision Level 1

- The supervisor has to carry out a 100% check on data collected by ALL associated Enumerators. This will be available on their dashboard
- The supervisor needs to physically visit each structure covered and verify the requisite information
- The supervisor will have the rights to edit the information through the mobile app

- The supervisor should also try & find out if any structure / households/ establishments have been left in the survey carried out by the enumerator(s) under his supervision
- Data once submitted by the supervisor, will then be submitted for supervision level 2 as per the defined norms & criteria

5.6.2 2nd Level Supervision Process

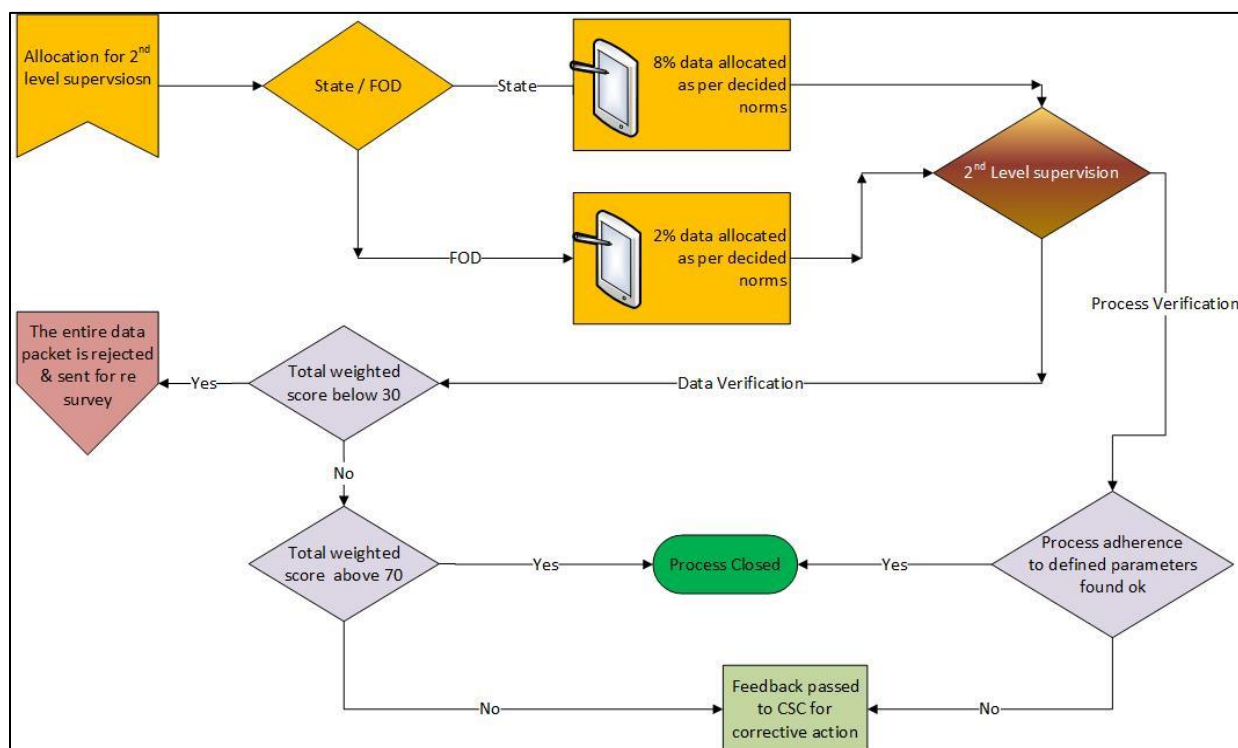


Figure 5.6. 2: Process Map for Supervision Level 2

- The 2nd level supervision will include:
 - Process Verification on the following parameters:
 - Can the Enumerator identify area boundaries?
 - Is the Enumerator carrying ID card and authorization letter while on census work?
 - Can the Enumerator identify exclusions?
 - Did the Enumerator follow protocol for EC House listing?
 - Has the Enumerator omitted any establishment / household area?
 - Data Quality Verification on the following parameters:

- Has the Enumerator correctly (largely) identified number of household-based establishments?
 - Has the Enumerator correctly identified activity category (NIC 3 digit)?
 - Has the Enumerator correctly identified number of workers (including contractual workers)?
 - Has the Enumerator captured ownership code correctly for establishment?
 - Has the Enumerator filled registration details correctly?
- Of the 10% data to be verified
- 8% of will be verified by the State
 - 2% of will be verified by FOD

5.7 Helpdesk and Support System

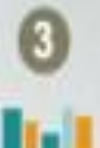
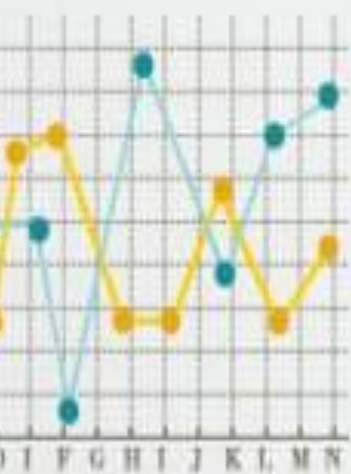
CSC-SPV will deploy a support system including ticket support system and help desk. The application will be hosted by CSC-SPV which will assist the support agents/enumerators/supervisors to raise the tickets and a resolution to tickets will be made available by the dedicated helpdesk team. The helpdesk team will be housed in the state and central office across the country. The team will be majorly responsible for providing the following support

- Technical Support – Provide resolution to the queries related to technical glitches relating to data capturing, mobile applications, MIS portal or web-based monitoring platform. They will also assist in troubleshooting and provide solutions for the issues reported and raised by MoSPI, enumerators and supervisors for all IT applications.
- Operational Support – Provide resolution to the queries related to functional and operational issues which may arise during the project execution. The operations support will assist in physical coverage and provide guidance during the execution of the project.

The Help Desk and Support System to receive calls and emails from the supervisors and enumerators right from the start of registration & on-boarding process to the completion of field work. The queries that will come in, to be populated to form FAQs. Their main objective being to resolve complaints and queries that would arise during the implementation to ensure an organized and smooth implementation, would also be supporting in various operational tasks ensuring successful and smooth conduct of the project.

Help Desk contact number – 011-49754920

E-mail ID – hns.ec@csc.gov.in



6 Project Timelines

S.no.	Action Plan/ Heads & Sub Heads	Date	Notes
1	IT Application		
1.1	IT APP Enumerator	30.3.2019	
1.2	IT APP Supervisor L1	15.04.2019	
1.3	IT APP Supervisor L2	8.05.2019	
1.4	Dashboard	8.05.2019	
1.5	Demo to MOSPI Officials	10.05.2019	
2	Training		
2.1	LMS Launch	1.05.2019	
2.2	Exam Launch	7.05.2019	
2.3	AITOT	14.05.2019	
2.4	State ToT	17.05.2019	Ends on 28.05.2019
2.5	District ToT	25.05.2019	Ends on 8.06.2019 All District level ToT to finish for Phase 1 by 27.05.2019
3	Pilot		
3.1	Pilot Begins	17.05.2019	
3.2	Pilot end	22.05.2019	Atleast 1 Village / 1 UFS Block to be covered in each location
3.3	FOD Final Feedback Submission	24.05.2019	
3.4	Changes Request	27.05.2019	
3.5	Change Implementation	04.06.2019	
4	Registration of E & S		

S.no.	Action Plan/ Heads & Sub Heads	Date	Notes
4.1	Registering Enumerators 9,00,000	8.06.2019	To achieve at least 6,00,000 Enumerators by 15.05.2019 Must complete necessary registrations for Phase 1 by 15.05.2019
4.2	Registering 3,00,000 S	8.06.2019	To achieve at least 2,00,000 Supervisors by 15.05.2019 Must complete registration registrations for Phase 1 by 15.05.2019
5	Onboarding		
5.1	Onboarding of Supervisors	24.05.2019	Commences for Phase 1 States
5.2	Onboarding of Enumerators	24.05.2019	Commences for Phase 1 States
6	Operational Issues		
6.1	IV Unit Map Collection	16.05.2019	
6.2	IV Unit Schedule B Collection	25.05.2019	
6.3	Village Mismatch reconciliation	21.05.2019	With support from State Governments
6.4	Wards Mapping	21.05.2019	With support from State Governments
7	State Wise Roll Out		
7.1	Phase 1 (8)	04.06.2019	Puducherry, Manipur, Assam, Daman & Diu, Goa, Nagaland, Tripura, Sikkim
7.2	Phase 2 (14)	08.06.2019	Bihar, Jharkhand, West Bengal, Punjab, Himachal, Haryana, Chandigarh, Delhi, Chhattisgarh, Mizoram, Meghalaya,

S.no.	Action Plan/ Heads & Sub Heads	Date	Notes
			Arunachal Pradesh, Rajasthan, Dadar & Nagar Haveli
7.3	Phase 3 (10)	15.06.2019	J&K, MP, Kerala, Maharashtra, A& N Islands, Lakshadweep, Gujarat, Chandigarh, Karnataka, Uttar Pradesh
7.4	Phase 4 (4)	1.07.2019	Tamil Nadu, Andhra, Telangana, Odisha

7 Statistical Reports

Generation of statistical reports for Economic Census is one of the most important activities on which the entire planning framework, for which the data has been collected depends. In the 6th Economic Census and earlier Economic Census, the report generation was an activity which had lot of manual intervention which is why report writing and tabulation took significant amount of time. However, in the 7th Economic Census it is proposed to make use of IT Application and IT platform being developed for the 7th Economic Census generation of reports as well. This will decrease the manual interventions, as well as lag in generation of results.

Successful completion of the Seventh Economic Census will furnish detailed establishment data on location of its ownership, economic activity, registration, persons engaged, economic characteristics such as initial investment, source of finance, annual turnover and whether exporting unit. It will also provide the detail of enterprises having their branches in different parts of the country. This information will help in preparation of National Business Register for follow-up detailed enterprise survey activities area wise. The Economic Census for the first time is being conducted using state-of-the-art technology in data collection, validation and monitoring & supervision and as such the results will be available quickly after the completion of the fieldwork and supervision.

The 7th Economic Census results will be released in a span of 2 months-time after the completion of fieldwork. Within which due-validation and process checks will be carried out on data collected during 7th Economic Census. This is over and above the validations that have been inbuilt to the IT Application. The first level supervision to be done through the CSC network and second level supervision to be carried out by NSSO (FOD) and State Governments. The data report generation will be in a staggered manner wherein district authorities have been authorised by the State Government at a decentralised level to release the provisional results without waiting for aggregation of results at the state level. This will facilitate putting out provisional results at local level within a very short span of time.

7.1 Process of Report Generation

In the 7th Economic Census, a large no of statistical reports will be available to the public in a customised tabular format through a dashboard which is query based. This dashboard will have drag and drop facilities to customise tables as per the requirement of the user. Apart from this, certain pre-defined tables would also be made available in the overall framework of IT Application

module of statistical report which will be readily available as soon as data validation checks on the system have been run on the collected data.

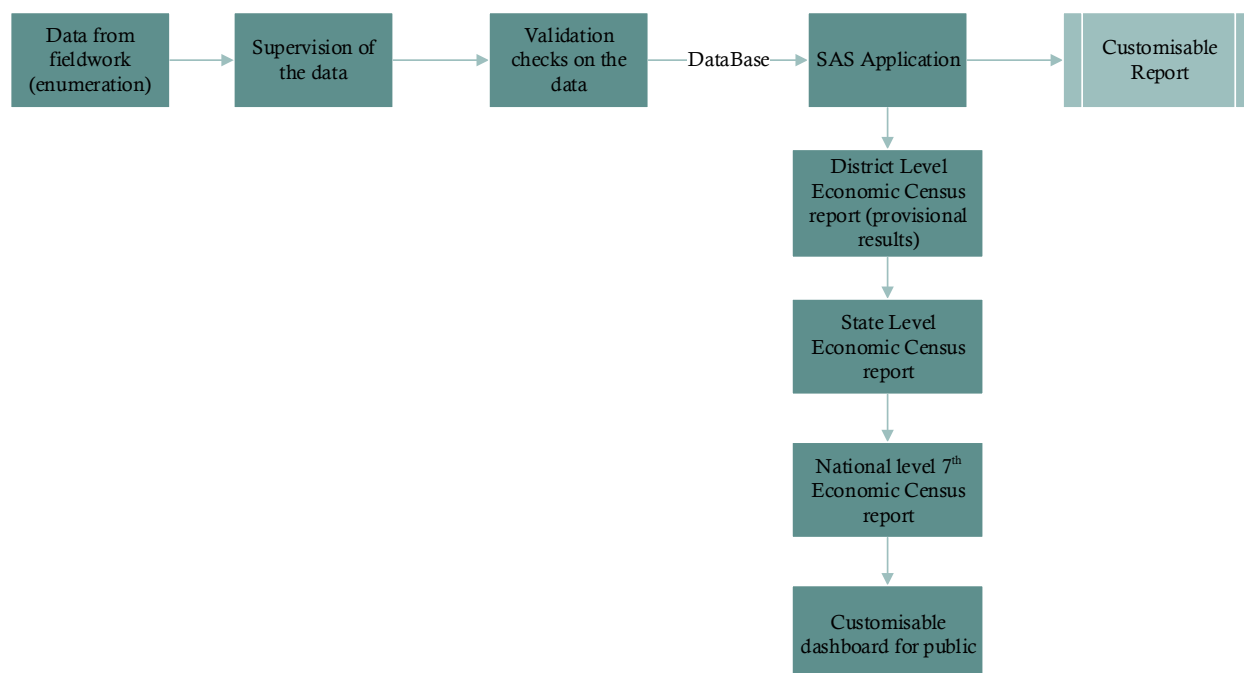


Figure 7.1. 1: Flow Map for Seventh EC 2019 Report Generation

7.2 List of Tables

Tabulation of data for releasing the results would be basis the following table headings-

1. State/UT wise break-up of administrative units
2. State/UT wise number of Economic Census houses covered by purpose
3. State/UT wise total number of household-based establishments by type of activity and sector
4. State/UT wise total number of establishments with fixed structures by type of activity and sector
5. State/UT wise total number of establishments (household based and with fixed structure) by 2-Digit NIC category and sector
6. State/UT wise number of establishments by type of ownership
7. 2-Digit NIC category wise number of establishments by type of ownership
8. Registration act-wise number of establishments with fixed structure by worker size class
9. Registration act-wise number of establishments with fixed structure by annual turnover
10. Registration act-wise number of establishments with fixed structure by investment class
11. 2-Digit NIC category wise number of establishments by worker size class

12. State/UT wise number of workers by sector
13. 2-Digit NIC category wise number of workers by sector
14. Investment in plant and machinery/equipment class-wise number of establishments by annual turnover class
15. Investment in plant and machinery/equipment class-wise number of establishments by worker size class
16. Worker size class-wise number of establishments by annual turnover class
17. State/UT wise distribution of workers
18. 2-Digit NIC category wise distribution of workers
19. State/UT wise number of workers by type of ownership
20. 2-Digit NIC category wise number of workers by type of ownership
21. 2-Digit NIC category wise distribution of proprietary establishments by sex of owner
22. 2-Digit NIC category wise distribution of proprietary establishments by religion of owner
23. 2-Digit NIC category wise distribution of proprietary establishments by social group of owners
24. 2-Digit NIC category wise number of establishments and number of workers by nature of operation
25. State/UT wise number of 100% exporting establishments and establishments using IT for business operations
26. State/UT wise distribution of establishments by major source of finance
27. 2-Digit NIC category wise distribution of establishments by major source of finance

8 Annexures

List of Annexures

1. Schema of Tables
2. 7th EC Schedules
3. Order of Constitution of High Level Committees

8.1 Schema of Tables

Table 1: State/ UT-wise break-up of administrative units

Sl. No.	State/ UT	No of districts	Urban		Rural	
			No of Towns	No of Wards	No of Panchayats	No of villages

Table 2: State/ UT-wise number of Economic Census Houses covered by purpose

Sl. No.	State/ UT	Number of Economic Census Houses											
		Rural				Urban				Combined			
		R	RC	C	T	R	RC	C	T	R	RC	C	T

R – Residential; RC – Residential-cum-commercial; C – Commercial; T – Total

Table 3(a): State/ UT-wise total number of household based establishments by type of activity (M/Tr/S/T) and sector (R/U/C)

Sl. No.	State/ UT	Number of household based establishments											
		Rural				Urban				Combined			
		M	Tr	S	T	M	Tr	S	T	M	Tr	S	T

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

M – Manufacturing; Tr – Trading; S – Services; T – Total

Table 3(b): State/ UT-wise total number of establishments with fixed structure by type of activity (M/Tr/S/T) and sector (R/U/C)

Sl. No.	State/ UT	Number of establishments with fixed structure											
		Rural				Urban				Combined			
		M	Tr	S	T	M	Tr	S	T	M	Tr	S	T

M – Manufacturing; Tr – Trading; S – Services; T – Total

Table 4.x: State/ UT-wise total number of establishments (household based and with fixed structure) by 2 digit NIC category and sector (R/U/C)

[X: NIC 2 digit code]

Table 5(a): State/ UT wise number of establishments by type of ownership

Sl. No.	State/ UT	Type of ownership					
		Proprietary	Partnership	Private sector	Cooperatives/ Trusts/ SHG/ Assoc./ Society	Public corporations	Govt. Depts.

Table 5(b): NIC 2-digit wise number of establishments by type of ownership

Sl. No.	NIC 2 digit (description)	Type of ownership					
		Proprietary	Partnership	Private sector	Cooperatives/ Trusts/ SHG/ Assoc./ Society	Public corporations	Govt. Depts.

Table 6(a): Registration Act-wise number of establishments with fixed structure by worker size class

Sl. No.	Type of registration	Worker size class				
		0-10	10-20	20-100	100-500	>500
	Shops and Establishment Act					
	Companies Act 2013					
	Food Safety and Standards Act, 2006					
	Partnership Act, 1932					
	Indian Trust Act, 1882					
	Societies Registration Act, 1860					
	Co-operative Societies Act, 1912					
	Foreign Companies Act					
	Others					

Table 6(b): Registration Act-wise number of establishments with fixed structure by annual turnover class

Sl. No.	Type of registration	Annual turnover (INR) class							
		<10 lakh	10-20 lakh	20-75 lakh	75 lakh – 1.5 cr	1.5-5 cr	5-75 cr	75-250 cr	>=250 cr
	Shops and Establishment Act								
	Companies Act 2013								
	Food Safety and Standards Act, 2006								
	Partnership Act, 1932								
	Indian Trust Act, 1882								
	Societies Registration Act, 1860								
	Co-operative Societies Act, 1912								
	Foreign Companies Act								
	Others								

Table 6(c):

Registration Act-wise number of establishments with fixed structure by investment class

Sl. No.	Type of registration	Investment in plant & mach. / equip (INR) class					
		0-10 lakh	10-25 lakh	25 lakh-2 cr	2-5 cr	5-10 cr	>10 cr
	Shops and Establishment Act						
	Companies Act 2013						
	Food Safety and Standards Act, 2006						
	Partnership Act, 1932						
	Indian Trust Act, 1882						
	Societies Registration Act, 1860						
	Co-operative Societies Act, 1912						
	Foreign Companies Act						
	Others						

Table 7: 2 digit NIC-wise number of establishments by worker size class

Sl. No.	NIC 2 digit (description)	Worker size class				
		0-10	10-20	20-100	100-500	>500

Table 8: State/ UT-wise number of workers by sector (R/U/C)

Sl. No.	State/ UT	No of workers								
		Hired			Non-hired			Total workers		
		Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total

Table 9: NIC 2 digit-wise number of workers by sector (R/U/C)

Sl. No.	NIC 2 digit (description)	No of workers								
		Hired			Non-hired			Total workers		
		Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total

Table 10: Investment in plant and machinery/ equipment class-wise number of establishments by annual turnover class

Sl. No.	Investment in plant and machinery/ equipment (INR) class	Annual Revenue (INR) class							
		<10 lakh	10-20 lakh	20-75 lakh	75 lakh – 1.5 Crore	1.5 - 5 Crore	5 – 75 Crore	75 – 250 Crore	>= 250 Crore
	<10 lakh								
	10 – 25 lakh								
	25 lakh – 2 Crore								
	2 – 5 Crore								
	5 – 10 Crore								
	>=10 Crore								

Table 11: Investment in plant and machinery/ equipment class-wise number of establishments by worker size class

Sl. No.	Investment in plant and machinery/ equipment (INR) class	Worker size class				
		0-10	10-20	20-100	100-500	>500
	<10 lakh					
	10 – 25 lakh					
	25 lakh – 2 Crore					
	2 – 5 Crore					
	5 – 10 Crore					
	>=10 Crore					

Table 12: Worker size class-wise number of establishments by annual turnover class

Sl. No.	Worker Size class	Annual Revenue (INR) class							
		<10 lakh	10-20 lakh	20-75 lakh	75 lakh – 1.5 Crore	1.5 - 5 Crore	5 – 75 Crore	75 – 250 Crore	>= 250 Crore
	0-10								
	10-20								
	20-100								
	100-500								
	>500								

Table 13: State/ UT-wise distribution of workers

Sl. No.	State/ UT	No of workers							
		Hired				Non-hired			
		Male	Female	T-G	Total	Male	Female	T-G	Total

Table 14: NIC 2 digit-wise distribution of workers

Sl. No.	NIC 2 digit (description)	No of workers							
		Hired				Hired			
		Male	Female	T-G	Total	Male	Female	T-G	Total

Table 15(a): State/ UT wise number of workers by type of ownership

Sl. No.	State/ UT	Type of ownership					
		Proprietary	Partnership	Private sector	Cooperatives/ Trusts/ SHG/ Assoc./ Society	Public corporations	Govt. Depts.

Table 15(b): NIC 2-digit wise number of workers by type of ownership

Sl. No.	NIC 2 digit (description)	Type of ownership					
		Proprietary	Partnership	Private sector	Cooperatives/ Trusts/ SHG/ Assoc./ Society	Public corporations	Govt. Depts.

Table 16(a): 2-digit NIC-wise distribution of proprietary establishments by sex of owner

Sl. No.	NIC 2 digit (description)	Total number of establishments	Proprietary establishments			
			Male owner	Female owner	T-G owner	Total

Table 16(b): 2-digit NIC-wise distribution of proprietary establishments by religion of owner

Sl. No.	NIC 2 digit (description)	Total number of establishments	Proprietary establishments							
			Hinduism	Islam	Christianity	Sikhism	Buddhism	Parsi	Jainism	Others

Table 16(c): 2-digit NIC-wise distribution of proprietary establishments by social group of owner

Sl. No.	NIC 2 digit (description)	Total number of establishments	Proprietary establishments			
			SC	ST	OBC	Others

Table 17(a): 2-digit NIC-wise distribution of workers engaged in proprietary establishments by sex of owner

Sl. No.	NIC 2 digit (description)	Total number of establishments	Workers engaged in proprietary establishments with			
			Male owner	Female owner	T-G owner	Total

Table 17(b): 2-digit NIC-wise distribution of workers engaged in proprietary establishments by religion of owner

Sl. No.	NIC 2 digit (description)	Total number of establishments	Workers engaged in proprietary establishments with owner belonging to							
			Hinduism	Islam	Christianity	Sikhism	Buddhism	Parsi	Jainism	Others

Table 17(c): 2-digit NIC-wise distribution of workers engaged in proprietary establishments by social group of owner

Sl. No.	NIC 2 digit (description)	Total number of establishments	Workers engaged in proprietary establishments with owner belonging to			
			SC	ST	OBC	Others

Table 18: 2-digit NIC-wise number of establishments and number of workers by nature of operation

Sl. No.	2 digit NIC (description)	Perennial		Seasonal		Casual		Total	
		# of Estab	# of Workers	# of Estab	# of Workers	# of Estab	# of Workers	# of Estab	# of Workers

Table 19: State/ UT-wise number of 100% exporting establishments and establishments using IT for Business operations

Sl. No.	State/ UT	100% exporting establishments		Establishments using IT for business	
		Number of establishments	No of Workers	Number of establishments	No of Workers

Table 20(a): State/ UT wise distribution of establishments by major source of finance

Sl. No.	State/ UT	Major source of finance								
		SF	PML	FNR	CBS	CBIA	CSLI	SHG/MFI	DFA	Others

SF - Self-Finance; PML - Loan from private Money lenders; FNR - Interest Free Loan from friends & relatives; CBS - Loan from cooperative banks & societies; CBIA - Loan from Commercial banks and Institutional Agencies ; CSLI - Loan from Central & state level lending institutions; SHG/MFI - Loan from SHG/Micro Finance Institutions; DFA - Direct financial assistance from Central/State/Local Government

Table 20(b): NIC 2-digit wise distribution of establishments by major source of finance

Sl. No.	NIC 2 digit (description)	Major source of finance								
		SF	PML	FNR	CBS	CBIA	CSLI	SHG/MFI	DFA	Others

8.2 7th EC Schedule

1. Identification particulars:

State/ UT	District	Tehsil/ Taluka/ PS/ Dev. Block/ Mandal	Town/ Panchayat	IV Unit Number (for Urban areas)	UFS Block No (for town only)	Village/ ward	PIN Code (entry by VLE)

2. Locality/Street/Lane/Premises/ Building no: (Postal Address)

3. Economic Census (EC) House Number (should be auto-generated)

4. Purpose of EC House (Residential – 1; Commercial – 3; Others - 9)

If Purpose of EC House Type =1, Go To item-5; or if EC House type = 3, Go to Item-11 Else Stop Survey with appropriate remarks)

Information to be captured from each Household

5. Serial Number of the Household (auto-generated and linked to Census house number)

6. Name of head of household/respondent

7. Mobile Number of Head of household/respondent

8. Number of members usually residing in household: T/M/F/T-G

9. Number of Household Members pursuing entrepreneurial activity:

10. Total Number of Household based Establishments (if Zero, Stop Enumeration. Else proceed)

a. Establishment Details (To be captured at Household) (Only Ownership Codes-1/2 to be filled here, For other Ownership, Fill Item-11)

Sl. No.	Type of Establishment (“Without fixed structure	Name of Owner (Household member)	Mobile Number of Owner/Partner	Nature of Economic Activity (code)	Description of Economic Activity of Establishment (as per	Ownership of Establishment (code)	Particulars of Owner/Partner if ownership code is 1	Nature of operation of Establishment (code)
---------	--	-------------------------------------	--------------------------------	---------------------------------------	--	--------------------------------------	--	--

	outside Household”, OR, “Inside Household” (Drop Down)				NIC-3 digit)		Age (in years)	Gender	Social Group	Religion	
1											
...											
N											

Sl. No.	Whether Manufacturing Services (Y/N)	Whether exporting unit (Y/N)	Major source of finance (code)	Number of persons engaged (last working day preceding the date of enumeration)								Investment in plant & machinery/Equipment (code)	Annual Turnover (code)	
		If yes, whether exports services (Y/N)		Hired worker				Non-hired worker						Contractual workers engaged through a contractor or agency
				Total	M	F	T	Total	M	F	T	Total		
1														
...														

[illegible]

***: Mandatory for Exclusion Cases. Option for Observations by Enumerator also to be provided.**

11. Establishments with fixed structure

i. Name of Establishment/Owner	
	ii. Address
	iii. Mobile of Manager/ owner
	iv. Email of Establishment/Manager/ owner
v. Nature of Economic Activity (code)	
vi. Description of Economic Activity of Establishment (as per NIC-3 digit)	
vii. Ownership (code):	
viii. If ownership code is 1:	
	a. Age of Owner (in Years)
	b. Gender of owner (code)
	c. Social group of owner (code)
	d. Religion of owner (code)
ix. Major source of finance (code)	
x. Number of persons engaged (last working day preceding the date of enumeration)	
Hired workers	
	- Total
	- Male
	- Female
	- Third Gender
Non-hired workers	
	- Total
	- Male
	- Female
	- Third Gender
Contractual workers engaged through a contractor or agency (Total)	
xi. Whether Uses IT for business operations (Y / N)	

xii. Whether Manufacturing Services (Y/N)
xiii. Whether exporting unit (Y / N) (if Yes, whether exports Services (Y / N))
xiv. Investment in Plant & Machinery / Equipment (Code)
xv. Annual Turnover (code)
xvi. PAN of establishment/ owner
xvii. Registration Details of establishment
a. Primary Registering Authority (Check boxes, Multiple selection possible) (Option/Validation as per Ownership Code) (as per List-9)
b. Number, Date and place (for each selection in (a))
c. Additional Registration/License (Check boxes, Multiple selection possible) (as per List-10)
d. Number, Date and place (for each selection in (c))
xviii. Whether the establishment is branch/sales/factory/etc. office of another enterprise (Yes/No)
xix. If (xvii) is Yes, then
a. Name of the main Enterprise
b. PAN of the main Enterprise
c. Address the main Enterprise (State/District/locality/Pin code)
d. Registering Authority of main Enterprise (only One amongst a list-9)
e. Number, Date and place of main Enterprise

***: Mandatory for Exclusion Cases. Option for Observations by Enumerator also to be provided.**

Code structure

1. Nature of economic activity
 - a. Primary - 1
 - b. Manufacturing - 2
 - c. Electricity, Gas and water supply - 3
 - d. Construction - 4
 - e. Trading - 5
 - f. Services - 6
2. Ownership code
 - a. Residential and Commercial
 - i. Proprietary (including HUF) - 1
 - ii. Partnership – 2
 - iii. Society/Co-operatives - 4
 - iv. Self Help Groups - 5
 - b. Commercial
 - i. Private corporate sector - 3
 - ii. Club/Trusts/ Associations/ Body of Individuals, etc. - 6
 - iii. Government companies - 7
 - iv. Public corporations - 8
 - v. Government Departments– 9
3. Gender of owner (Male – 1; Female – 2; Third Gender -3)
4. Social group of Owner (SC – 1; ST – 2; OBC – 3; Others – 9)
5. Religion of owner
 - a. Hinduism – 1;
 - b. Islam – 2;
 - c. Christianity – 3;
 - d. Sikhism – 4;
 - e. Buddhism – 5;
 - f. Zoroastrian/ Parsi – 6;

- g. Jainism – 7;
 - h. Others – 9
6. Nature of operation (Perennial – 1, Seasonal – 2, Casual – 3)
7. Major source of finance
- a. Self-Finance-1;
 - b. Loan from private Money lenders – 2;
 - c. Interest Free Loan from friends & relatives -3;
 - d. Loan from cooperative banks & societies– 4;
 - e. Loan from Commercial banks and Institutional Agencies – 5;
 - f. Loan from Central & state level lending institutions -6
 - g. Loan from SHG/Micro Finance Institutions – 7;
 - h. Direct financial assistance from Central/State/Local Government – 8
 - i. Others-9
8. Investment in Plant & Machinery / Equipment
- a. < 10 lakh – 1;
 - b. 10-25 lakh -2;
 - c. 25 lakh – 2 Crore – 3;
 - d. 2 – 5 Crore – 4;
 - e. 5-10 Crore-5;
 - f. >=10 Crore-6
 - g. Others-9
9. Annual Turnover
- a. <=1Lakh – 1;
 - b. 1-5Lakh – 2;
 - c. 5-10Lakh – 3;
 - d. 10-20Lakh – 4;
 - e. 20-75 Lakh – 5;
 - f. 75 Lakh – 1.5 Crore – 6;
 - g. 1.5 Crore – 5 Crore – 7;
 - h. 5-20Crore – 8;
 - i. 20-50Crore – 9;

- j. 50-75Crore – 10;
- k. 75 – 250Crore – 11;
- l. ≥ 250 Crore – 12
- m. Others-99

10. Registration details

- a. Shops and Establishment Act, 1953 – 1;
- b. Companies Act 2013 (incl LLPs)– 2;
- c. Indian Trust Act 1882 (incl State Public Trust Act– 3;
- d. Societies Registration Act. 1860 – 4;
- e. Co-operative Societies Act, 1912 – 5;
- f. Club/Association of Persons/Body of Individuals-6
- g. Foreign Companies (not under the CA 2013)-7
- h. Not registered-8
- i. Any other Act (not covered above)-9

11. Additional Registration/Licenses (Sector Specific)

8.3 Orders of Constitution of High Level Committees

8.3.1 Steering Committee

N-11016/4/EC-SC/2018-ESD

**Ministry of Statistics and Programme Implementation
Central Statistics Office (Economic Statistics Division)**

Level - 4, East Block-06
R. K. Puram, New Delhi -110066

Dated: 1st October 2018

OFFICE MEMORANDUM

Subject: Constitution of Steering Committee of Seventh Economic Census-reg.

The Ministry of Statistics and Programme Implementation (MoSPI) has been conducting the Economic Census (EC) from time to time. The EC provides a detailed and comprehensive database of all establishments in the country covering formal and informal establishments in both the public and private sectors. MoSPI has conducted six (6) ECs in the past during 1977, 1980, 1990, 1998, 2005 and 2013. The next EC (7th) is to be conducted during 2019 and will capture information on various economic variables like nature of economic activity, employment size, type of establishment etc. for all non-agricultural establishments at the State and Sub-State level. The 7th EC will use technological interventions in the conduct of the field work and develop a nationwide Business Register for dynamic updation.

2. For the overall guidance, conduct, implementation and monitoring of the 7th Economic Census, the competent authority has approved constitution of a Steering Committee with the following composition and Term of Reference:

2.1 Composition:

- | | | |
|---|---|-------------|
| (1) Secretary, Ministry of Statistics & PI (MoSPI) | - | Chairperson |
| (2) Secretary, Ministry of Labour and Employment | - | Member |
| (3) Secretary, Ministry of Corporate Affairs | - | Member |
| (4) Secretary, Ministry of Electronics and Information Technology | - | Member |
| (5) Registrar General of India | - | Member |
| (6) Representative of NITI Aayog | - | Member |
| (7) Director General (ES), MOS&PI | - | Member |
| (8) Director General (Survey), MOS&PI | - | Member |
| (9) Additional Secretary & Financial Adviser, MoSPI | - | Member |
| (10) Additional DG, FOD, NSSO, MoSPI | - | Member |
| (11) Additional DG, ESD, CSO, MoSPI | - | Member |
| | | (Convener) |

2.2 Terms of reference:

- (a) Evolve strategies for deciding logistics, implementation, coordination and financial issues and ensure timeliness for conduct of Economic Census;
- (b) Evolve ways and means of conducting Economic Census in accordance with methodology recommended by the Expert Group constituted for the purpose;
- (c) Evolve a consultation mechanism with States, concerned Ministries, Departments and Industry Associations, etc.;
- (d) Evolve modalities of quality assurance in field work (including concurrent and non-concurrent inspection, data scrutiny and post enumeration checks) and data processing at national/ State/ sub-State levels in consultation with Chief Secretaries/ Administrators; and
- (e) Evolve mechanisms for preparation of a national Business Register and its dynamic updation from existing and emerging databases at the central and state levels.

3. The Steering Committee will be standing/permanent in nature as the Census is proposed to be conducted every 3 years. The composition of the Committee and its Terms of Reference may be reviewed every 3 years.

4. Economic Statistics Division of CSO, MOS&PI will be the Secretariat to the Committee.


(Sunil Kumar Singh) 07/10/18
Director

Tel. No. 011-26190703

Email: sunilk.singh@nic.in

To

1. Secretary, Ministry of Labour and Employment, Shram Shakti Bhawan, New Delhi - 110001
2. Secretary, Ministry of Corporate Affairs, Shastri Bhawan, New Delhi - 110001
3. Secretary, Ministry of Electronics and Information Technology, Electronics Niketan, New Delhi - 110003
4. Registrar General of India, Mansingh Road, New Delhi - 110011
5. Chief Executive Officer, NITI Aayog, Sansad Marg, New Delhi - 110001
6. Director General (ES), MOS&PI, Sardar Patel Bhawan, New Delhi - 110001
7. Director General (Survey), MOS&PI, Sankhyiki Bhawan, New Delhi - 110032
8. Additional Secretary & Financial Adviser, MoSPI, Shastri Bhawan, New Delhi - 110001
9. Additional DG, FOD, NSSO, MoSPI, Sankhyiki Bhawan, New Delhi - 110032
10. Additional DG, ESD, CSO, MoSPI, East Block – 6, New Delhi - 110066

Copy for information to:

PPS to Secretary (S&PI), Sardar Patel Bhawan, New Delhi - 110001

8.3.2 Expert Group

N-11016/4/EC-EG/2018-ESD
Ministry of Statistics and Programme Implementation
Central Statistics Office (Economic Statistics Division)

Level - 4, East Block-06
R. K. Puram, New Delhi -110066
Dated: 1st October 2018

OFFICE MEMORANDUM

Subject: Constitution of Expert Group of Seventh Economic Census-reg.

The Ministry of Statistics and Programme Implementation (MoSPI) has been conducting the Economic Census (EC) from time to time. The EC provides a detailed and comprehensive database of all establishments in the country covering formal and informal establishments in both the public and private sectors. MoSPI has conducted six (6) ECs in the past during 1977, 1980, 1990, 1998, 2005 and 2013. The next EC (7th) is to be conducted during 2019 and will capture information on various economic variables like nature of economic activity, employment size, type of establishment etc. for all non-agricultural establishments at the State and Sub-State level. The 7th EC will use technological interventions in the conduct of the field work and develop a nationwide Business Register for dynamic updation.

2. For the overall guidance on the technical aspects related to conduct of the 7th Economic Census, the competent authority has approved constitution of an Expert Group with the following composition and Term of Reference:

2.1 Composition:

- | | |
|---|---------------|
| (1) Director General (ES), CSO, MoSPI | - Chairperson |
| (2) Additional DG, SDRD (NSSO), MoSPI | - Member |
| (3) Additional DG, DSDD, MoSPI | - Member |
| (4) Joint Secretary, DIPP, M/Commerce & Industry | - Member |
| (5) Joint Secretary, M/o Labour and Employment | - Member |
| (6) Sr. Vice President (IT Infrastructure), GST Network | - Member |
| (7) Representative of Reserve Bank of India | - Member |
| (8) Representative of NITI Aayog | - Member |
| (9) Deputy Director General (EC), ESD, MoS&PI | - Member |
| | (Convenor) |

2.2 Terms of reference:

- Recommend strategies for data collection including schedule design, data validation, tabulation and report generation with respect to 7th EC;
- Recommend the modalities for the use of appropriate information technology in the various aspects pertaining to coverage of 7th EC;

[Signature]
N-11016

- (c) Evolve a mechanism for inspection, monitoring and post enumeration checks;
 - (d) To organize Stakeholder consultations including State Governments, Central Ministries/ Departments, data users, etc. on various technical issues pertaining to conduct of 7th EC;
 - (e) Recommend modalities to roll out unique identification number in consultation with MSME and RBI and any others who have experience in this task; and
 - (f) Recommend modalities for developing National Business Register, its dynamic updation and linkage with benefits under Government Schemes along with appropriate IT infrastructure.
3. The Expert Group will submit its report within 6 months of issue of this Memorandum.
 4. Economic Statistics Division of CSO, MOS&PI will be the Secretariat to the Committee.


(Sunil Kumar Singh) 07/10/18

Director
Tel. No. 011-26190703
Email: sunilk.singh@nic.in

To

1. Additional DG, SDRD (NSSO), MoSPI, Mahalanobish Bhawan, 164, G. L. Tagore, Kolkata - 700108
2. Additional DG, DSDD, MoSPI, Level 3, East Block 10, R. K. Puram, New Delhi - 110066
3. Joint Secretary, DIPP, M/Commerce & Industry, Udyog Bhawan, New Delhi - 110011
4. Joint Secretary, M/o Labour and Employment, Shram Shakti Bhawan, New Delhi - 110001
5. Sr. Vice President (IT Infrastructure), GST Network, Aerocity, New Delhi - 110037
6. Representative of Reserve Bank of India, Shaheed Bhagat Singh Marg, Mumbai - 40001
7. Representative of NITI Aayog, Parliament Street, New Delhi - 110001
8. Deputy Director General (EC), ESD, MoS&PI, Level 4, East Block 6, New Delhi - 110066

Copy for information to:

1. PPS to Secretary (S&PI), Sardar Patel Bhawan, New Delhi - 110001
2. PSO to Director General (ES), MoSPI, Sardar Patel Bhawan, New Delhi - 110001
3. Members of Steering Committee of Seventh Economic Census

8.3.3 IT Committee

P-11012/5/2018-ESD(CSC)-Part (1)
Ministry of Statistics and Programme Implementation
Central Statistics Office (Economic Statistics Division)

Level - 4, East Block-06
R. K. Puram, New Delhi -110066
Date: 16 February 2019

OFFICE MEMORANDUM

Subject: Constitution of Committee for IT related issues of 7th EC – reg.

With the approval of competent authority, a committee has been constituted to look into all IT related issues of 7th Economic Census with the following composition and Terms of Reference:

Composition:

- | | |
|--|---------------|
| (1) ADG, DSDD, MoSPI | - Chairperson |
| (2) DDG, NIC, MEITY | - Member |
| (3) DDG (EC), ESD, MoSPI | - Member |
| (4) Head of Software Group, DPD, MoSPI | - Member |
| (5) Director, DSDD, MoSPI | - Member |
| | (Convener) |

Terms of reference:

- (1). Ascertain completeness of the solution delivered by CSC vis-a-vis the envisaged requirements and functionalities and recommend additional functional requirements
 - (2). Ensure effective bandwidth, throughput and implementation of e-Governance/ demographic standards in the application
 - (3). Oversee comprehensive security audit and load balancing of the application
 - (4). Conduct user acceptance tests and recommend go-live for the project
 - (5). Recommend modalities for and oversee transfer of data from CSC to MoSPI, after ensuring alignment with data archiving policy of Government.
2. The tenure of the Committee will be till 31st March 2020.
 3. DSDD, MoSPI will provide secretarial assistance to the Committee.


(Chandrajit Chatterjee) 26/02/19
Deputy Director
Tel. No. 011-26105146
Email: ddservice.esd@mospi.gov.in

To
Chairperson and all members of the committee.

Copy for information to:

1. PPS to Secretary (S&PI)
2. PSO to DG (ES), MoSPI
3. PPS to ADG (ESD), MoSPI

8.3.4 Central Level Operations Committee

P-11012/17/2019-ESD(EC)
Government of India
Ministry of Statistics & PI
(Economic Statistics Division)

East Block-6, RK Puram,
New Delhi -110066
Dated 11.04.2019

OFFICE MEMORANDUM

Subject: Constitution of 7th Economic Census Central Level Operations Committee under Chairpersonship of ADG (FOD), NSSO.

7th Economic Census is a flagship project of the Ministry of Statistics and Programme Implementation (MoSPI). In order to monitor the progress of fieldwork and issue guidance on operational aspects of 7th Economic Census, it has been decided to constitute a Central Level Operations Committee with following Constitution and Terms of Reference:

I. Composition of the Central Level Operations Committee

1.	Additional DG, NSSO (FOD)	Chairman
2.	Deputy DG, NSSO (FOD Hqrs.)	Member
3.	Deputy DG, NSSO (FOD) Regional Office, Delhi	Member
4.	Deputy DG, ESD, CSO	Member
5.	Director, DSDD, CSO	Member
6.	CSC, National Programme Manager	Member
7.	Deputy Director, NSSO (FOD Hqrs.)	Convener

II. Terms of Reference of the Central Level Operations Committee

- Apex-level monitoring of progress in fieldwork and issue guidance on operational issues, if any.
- Review feedback from State Level Operations committees and recommend suitable course of action to ESD, CSO.
- Review feedback from Central Monitors and recommend suitable course of action to ESD, CSO.
- Provide feedback to 7th EC Steering Committee on operational aspects of the 7th EC
- Any other matter incidental to the above or connected thereto.

- III.** FOD (Zonal Offices) may attend the Central Level Operations Committee meetings are Special Invitee.
- IV.** The Central Level Operations Committee may co-opt official Member(s) to help in meeting its objectives. TA/DA of the official members will be borne by their respective Ministries/ Departments.
- V.** Tenure of the State Level Operations Committee will be till the finalization of 7th Economic Census data for All India dissemination of results.

Sanjay
11.04.2019

(Sanjay Kumar)
Joint Director, ESD, CSO
E-mail: sanjay.kumar79@nic.in
Ph: (011) - 26106422

To

- i. Members of the Central Level Operations Committee
- ii. DDG FOD (Zonal Offices)
- iii. CEO, CSC-SPV for information and necessary action.

Copy for kind Information to:

- i. Secretary, MoSPI
- ii. DG (ES)/DG(Survey), MoSPI
- iii. ADG (ESD), MoSPI
- iv. DDG (ESD), MoSPI

8.3.5 State Level Operations Committee

P-11012/17/2019-ESD(EC)
Government of India
Ministry of Statistics & PI
(Economic Statistics Division)

East Block-6, RK Puram,
New Delhi -110066
Dated 11.04.2019

OFFICE MEMORANDUM

Subject: Constitution of 7th Economic Census State Level Operations Committee under Chairpersonship of NSSO (FOD) State Capital Regional Head.

In order to ensure state's cooperation & support in successful completion of the 7th Economic Census within the stipulated time frame, Ministry of Statistics & Programme Implementation (MoSPI) has requested Vide Director General, MoSPI DO letter No. P-11012/5/2018-ESD dated 07.03.2019 to state Chief Secretaries/Administrators for constitution of State level Coordination Committee (SLCC) and District Level Co-ordination Committee (DLCC) to monitor preparedness, progress and mitigate hurdles, if any, in the conduct of 7th Economic Census. Composition and Terms of Reference of SLCC and DLCC were also recommended in the said letter.

2. In order to monitor the day-to-day progress of fieldwork and resolution of operational challenges, if any, faced by enumerators & supervisors, it has been decided to constitute a State Level Operations Committee cum Monitoring Cell in each state/UT with following Constitution and Terms of Reference:

I. Composition of the State Level Operations Committee cum Monitoring Cell:

1.	Deputy DG, NSSO (FOD) State Capital Regional Office	Chairman
2.	Representative of Director (Economics & Statistics)	Member
3.	Representative of MSME department	Member
4.	Representative of Industries department	Member
5.	CSC-SPV State Head	Member
6.	Deputy/Assistant Director, NSSO (FOD) State Capital Regional Office	Convener

II. Terms of Reference of the State Level Operations Committee:

- Day to Day monitoring of 7th EC progress and resolution of operational issues, if any. Committee, at its own level, to take timely corrective actions for resolution of problem within overall operational framework of 7th EC.

- ii. Monitor & Oversee the quality the training programmes conducted by CSC-SPV.
 - iii. Coordination between government agencies for comprehensive 2nd level supervision coverage.
 - iv. Provide feedback to NSSO FOD (Zonal Office) and Central level Operations Committee, MoSPI
 - v. Provide feedback and technical guidance to State level Coordination Committee and District level Coordination Committee
 - vi. Any other matter incidental to the above or connected thereto.
3. The State Level Operations Committee may co-opt official Member(s) to help in meeting its objectives. TA/DA of the official members will be borne by their respective Ministries/ Departments.
 4. Technical Support Group (TSG) resources deployed by CSC-SPV shall report to the State Level Operations Committee, and these TSG resources would provide technical and secretarial support to the State Level Operations Committee.
 5. Committee to have its meeting as and when required, but at least twice a month. Tenure of the State Level Operations Committee will be till the completion of 7th Economic Census fieldwork by CSC enumerators & supervisors in the state/UT.

Sanjay
11.04.2019

(Sanjay Kumar)
Joint Director, ESD, CSO
E-mail: sanjay.kumar79@nic.in

To

- i. Additional DG (FOD), NSSO, Sankhiyiki Bhawan, Delhi-110062; with a request to issue appropriate instruction to concerned FOD officers.
- ii. Principal Secretary (Planning), State/UT; with a request to nominate suitable officers in the Committee.
- iii. Principal Secretary (Industry), State/UT; with a request to nominate suitable officers in the Committee as per Ministry of Commerce & Industry, Govt of India DO Letter No: P-49019/2/2018-ISU dated 19.12.2018 (copy enclosed).
- iv. Principal Secretary (MSME), State/UT; with a request to nominate suitable officers in the Committee as per Ministry of MSME, Govt of India DO Letter No: 42(6)/2018-S&D-DCMSME/1412 dated 26.12.2018 (copy enclosed).
- v. CEO, CSC-SPV for information and necessary action.

Copy for kind Information to:

- i. Secretary, MoSPI
- ii. DG (ES)/DG(Survey), MoSPI
- iii. ADG(ESD), MoSPI
- iv. DDG(ESD), MoSPI
- v. DDG, Ministry of MSME
- vi. DDG, DIPP, Ministry of Commerce & Industry

8.3.6 State Level and District Level Co-ordination Committee

ज्योतिर्मय पोद्दार
महानिदेशक (ईएस)
JYOTIRMOY PODDAR
Director General (ES)



भारत सरकार
सांख्यिकी एवं कार्यक्रम कार्यान्वयन मंत्रालय
केंद्रीय सांख्यिकी कार्यालय
412, सरदार पटेल भवन, संसद मार्ग
नई दिल्ली-110001
Government of India
Ministry of Statistics & Programme Implementation
Central Statistics Office
412, Sardar Patel Bhavan, Sansad Marg,
New Delhi-110001
Tel. : 23364761, 23742026
E-mail : jyotirmoy.poddar@gov.in

D.O. No. P-11012/5/2018 – ESD

Dated: 7th March 2019

Dear *Shri Parimal Rai ji,*

Kindly refer the D.O. letters of the Secretary, Ministry of Statistics and Programme Implementation (MoSPI) of even no. dated 15.10.2018 and 11.12.2018 regarding conduct of the 7th Economic Census (EC) by this Ministry in 2019. The broad framework for implementation of the census has now been firmed up, in consultation with all stakeholders including State/UTs. The fieldwork of 7th EC is expected to be rolled out in May 2019 and slated to be completed in three months' time. Training of enumerators and verifiers engaged through CSC e-Governance Services Limited (CSC) will be held in March/April 2019. For ensuring higher quality of data and 100% coverage, Field Operations Division (FOD) of NSSO and State/ UT Governments have been entrusted with the responsibility of supervising the enumeration carried out by CSC. Honorarium will be paid to the supervisors as a token of appreciation.

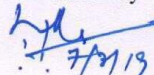
2. As mentioned above, the State/UTs will play a crucial role in successfully achieving the objectives of the census. Authentic village/ward level information on economic activity, geo-tagged by location, produced through the census will be immensely useful in local planning. In this regard, I request your kind intervention and support in the following activities:

- i. Supervision of fieldwork done by CSC, on sample basis, in the designated IT platform using officers/staff of Directorate of Economics and Statistics, District Industries Centers and MSME – DIs. Nodal officers from your State/UT may be directed to liaison internally for the purpose.
- ii. Nominate Principal Secretary (Planning) in State/UT and District Collectors in Districts as charge officers for overall coordination of 7th EC activities. District Collectors may also be authorized to **release provisional results** of the district concerned, immediately after completion of fieldwork at District level. Necessary login credentials and Dashboard facilities will be provided on IT platform for the purpose.

- iii. Constitute a State Level Co-ordination Committee (SLCC) headed by the Chief Secretary with representatives from relevant departments of the State and Regional Heads of NSSO (FOD), State capital Regional Office to monitor preparedness, progress and hurdles in conduct of 7th EC on regular basis.
- iv. In addition, constitute District Level Co-ordination Committee (DLCC) headed by the District Collector to monitor and provide support to EC activities in the District. The committee will also provide necessary directions to the Local Government, law and order agencies for this purpose. The recommended composition and Terms of Reference (ToR) of these committees are enclosed for your ready reference.
3. I shall appreciate if you could kindly issue necessary directions to the Departments concerned in your State/UT to take up the implementation of 7th Economic Census on top priority. For any clarifications in this regard, Dr. Pankaj Srivastava, Deputy DG [Tel(O):011-26163875; E-mail : ddgec.esd@mospi.gov.in] and/or Shri Atul Mohan, Program Manager (7th EC), CSC [Mob: 9013284201; E-mail : atul.mohan@csc.gov.in] may be contacted. I look forward to support and collaboration for making the 7th EC a success.

with regards,

Yours Sincerely


7/11/19
(Jyotirmoy Poddar)

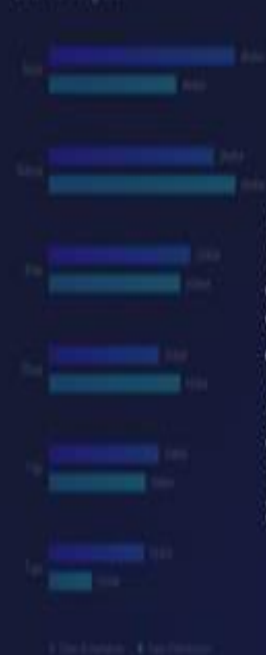
Sh. Parimal Rai, IAS
Chief Secretary
Govt. of Goa
Secretariat, Porvorim,
Goa-403521



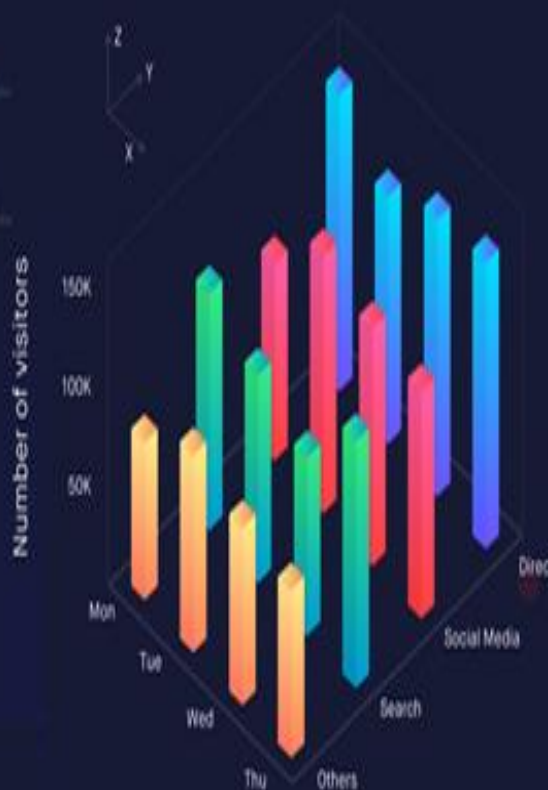
BACK PAGE 1



Data Ranking List



Data Analysis



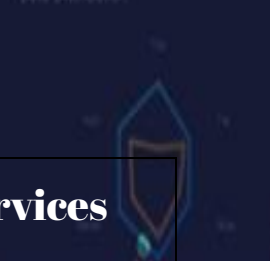
Type of Data



Data Comparison



Data Distribution



**Ministry of Statistics and
Programme Implementation**

**Sardar Patel Bhawan, Sansad Marg
New Delhi- 110001**

**CSC e-Governance Services
India Limited**

**3rd Floor, Electronic Niketan, Lodhi Road,
New Delhi-110003**