

National Economic Census 2018: A New Initiative in National Statistical System of Nepal

(A paper presented on Inception Seminar on First National Economic Census 2018 of Nepal)

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Contents

- ***Introduction***
- ***Objectives of National Economic Census 2018***
- ***Utility Sectors of National Economic Census 2018***
- ***Strategies of National Economic Census 2018***
- ***Program Outline of National Economic Census 2018***
- ***Data Collection Items in National Economic Census 2018***
- ***Responsibility in National Economic Census 2018***

Introduction

- CBS is an authentic government agency for producing the social and economic data for the formulation of policies and plans as required by the nation
- As the plan and programs are formulated on the basis of statistics, then the collected data need to be reliable and of quality.
- The produced statistics also need to be rightly utilized.

Introduction (cont.)

- The users of statistics, stakeholder agencies, civil society, media, journalists and whole nation has an important role in producing the quality and reliable statistics.
- In Nepal, decennial censuses of population and agriculture, quinquennial census of manufacturing industry, regular statistical surveys, compilation of regular administrative records are the major statistical tasks for social and economic information.
- However, CBS has not experienced about Economic census.

Introduction: What is Economic Census?

- CBS has The total process of data collection, processing, analysis, publication, distribution and dissemination of of the the establishments or economic units those existed once or in operation as per the census process rule is known as the economic census”.
- envisioned to conduct National Economic Census in 2018 for the first time covering all the economic activities of the economic units under the sectors as defined in ISIC revision 4.

Main Characteristics of Census

- Individual Enumeration
- Universality Within Defined Territory
- Simultaneity
- Defined Periodicity

Why Economic Census is Necessary

- CBS aims to strengthen the **national programs of basic economic statistics** in the context of an integrated approach to their compilation which will provide essential statistical information on economic activities in Nepal. In this context, operation of economic census in the country is necessary.

Objectives of Economic Census

Main Objective: To establish the bench mark for core set of economic statistics in formulating the economic policies, plans and programs to achieve the sustainable development goals.

Other Objectives

1. Collection processing, analysis and publication of the statistical information of all the establishments existed or operated in the territory of Nepal
2. Nepal To establish the regular benchmark economic data
3. Provide the basic economic statistics at the lowest administrative units of the country
4. Provide the reliable sampling frames for different statistical surveys
5. Provide data input to establish Nepal Statistical Business Register

Periodicity of Economic Census

- It is envisaged that forth economic censuses will be conducted in the interval of five years.

Importance of Economic Census

- Reliable and basic economic statistics will be obtained to be utilised in plan formulation, study, research for economic development at disaggregated level.
- At the lowest level of administration, total number of economic units or establishments and other relevant statistics will be available.
- Nepal Statistical Business Register will be established.
- Business entrepreneurs and industrialists of different sectors may know the competitiveness of their businesses in their areas. The data from economic census will be helpful for them to expand their business or make the plans on further entrepreneurships, employment generation by utilizing the economic data.

Utility Sectors of Economic Census

1. Economic policy, plan formulation and administrative work)
2. Academic study and research)
3. Manufacturing industry, trade, labor and other economic activities related and service providing sectors
4. Sampling frame for statistical survey
5. Nepal Statistical Business Register
6. Enhancing National Account System

Strategies of National Economic Census 2018

- To collect information using different modalities like online survey, tablet, and paper based questionnaire
- Two kind of forms be used
- Data collection in two phases
- Qualifies enumerators and supervisors
- Using comprehensive enumeration area map

Strategies of National Economic Census 2018

- Broad media campaigning
- Disseminate the results of economic census in user friendly way
- GIS based data dissemination
- Establish Nepal Statistical Business Register
- Statistical Capacity Development towards handling the economic census as well as NSBR
- Post Enumeration Survey

Coverage Districts

- Administrative Coverage in 75 districts

Thematic Coverage

- B Mining and quarrying
- C Manufacturing
- D Electricity, gas, steam and air conditioning supply
- E Water supply; sewerage, waste management and remediation activities
- F Construction
- G Wholesale and retail trade; repair of motor vehicles and motorcycles
- H Transportation and storage
- I Accommodation and food service activities
- J Information and communication
- K Financial and insurance activities
- L Real estate activities
- M Professional, scientific and technical activities
- N Administrative and support service activities
- P Education
- Q Human health and social work activities
- R Arts, entertainment and recreation
- S Other service activities

Excluded Sectors in Economic Census

- A. Agriculture, forestry and fishing (non registered)
- O. Public administration and defense; compulsory social security
- T. Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use
- U. Activities of extraterritorial organizations and bodies

Enumeration Unit

- The establishment as an enumeration unit for the Census is defined as follows, according to UN definition:
 - *The establishment can be defined as an economic unit that engages, under a single ownership or control - that is, under a single legal entity - in one, or predominantly one, kind of economic activity at a single physical location – for example, a mine, factory or workshop.*

Program Outline of Economic Census2018

- Reference day: 14 April 2018
- Enumeration Period: 14 April to 30 June 2018
- **e-Census:** 14 to 30 April 2018
- Tablet/Paper based data collection: 1 May to 30 June 2018.

Pilot Economic Census Programs

➤ Reference date: 14 April 2017

➤ Enumeration Period:

e-Census: 14 to 30 April 2017)

Tablet/Paper based data collection: 1 to 31 May 2017 .

Coverage Districts:

33 Statistics Offices or authority territory districts.

Municipality and VDC will be selected.

Resources

- Financial Resources for EC Operation : Government of Nepal
- Technical Cooperation and Equipment: Government of Japan via JICA

National Economic Census 2018 Organisation

- Economic Census Steering Committee
- Economic Census Technical Committee
- Economic Census Joint Coordinating Committee
- Central Bureau of Statistics)
 - Economic Statistics Division)
 - Economic Census Section)

National Economic Census 2018 Organisation- District

- 75 District Economic Census Offices will be established.
- 33 Statistical offices will act as District EC Office while in rest districts, EC offices will be established
- An Economic Census District Coordinating Committee will be formed
- Districts EC organization)
- Statistics office or Economic Census Office
 - Census Officer
 - Area Supervisor
 - Field Supervisors
 - Enumerator

Estimate of Human Resources

- Tentative of 5500 human resources of different level will be mobilized to conduct economic Census.

National Economic Census 2018 Major Activities

- Pre-census Activities
- Census Activities
- Post Census Activities

S.N.	ACTIVITY DESCRIPTION
A	PRE- CENSUS ACTIVITIES
A.4	Policy Decisions and legal provisions
A.6	Project Signing Activities
A.9	Committees Formations
A.14	Organizational Plan of Census
A.16	Preparation of Plan Activities/Tasks
A.17	Estimate Human resources and materials
A.18	Preparation of Budget
A.19	Census field operation plan
A.20	Census tabulation plan

A.21	Pre-Census Workshops, Meetings, Trainings
A.22	Census publicity plan
A.23	Census Procurement Plan (computers, printers, furniture, tablet, enumerator kits etc)
A.24	Preparation and printing of pilot enumeration survey questionnaires and related manuals
A.25	Preparation of NSIC guidelines- Final
A.26	Mapping
A.27	Development of Enumeration Area Map
A.28	Questionnaire Design
A.29	Pre-Test
A.30	Instruction Manuals
A.31	Printing of Forms and other Documents
A.32	E-census Application development
A.33	Data entry application development in desktop environment/ tablet
A.34	Network and Server system development
A.35	procurement and procurement plan for network and IT system
A.36	Pilot Census
A.37	Pilot Census Core Group Workshops for Training
A.38	Pilot Census Officers Training
A.39	Pilot Census Enumerators' Training
A.40	Pilot census - Main enumeration including e-census

A.41	Pilot census report for internal use
A.42	Procurement and logistics for Pilot Census
A.43	Procurement of materials and logistics for main census
A.44	Printing of listing questionnaires (for pilot)
A.45	Printing of listing questionnaires (for main census)
A.46	Printing of census questionnaires and other forms
A.47	Trainings for Field Operation
A.48	Training of Master Trainers (10 days)
A.49	Training of District Census Officers
A.50	Training of Area Supervisors (7 days)
A.51	Distribution/ shipment of Census materials to district level offices
A.52	Deputation of District Census Officers and assistant staff to Districts
A.53	Setting Publicity Strategy
A.54	Develop Publicity materials
A.55	Procure Publicity materials
A.56	Distribute and broadcast, publish, implement Publicity materials

B	MAIN CENSUS ACTIVITIES
B.1	Establishment of Census District Offices (80)
B.2	District Coordination Committee Formation and Meetings
B.3	Recruitment and Appointment of office staff
B.4	Proceed to recruit and appoint Field Staff (supervisors, enumerators)
B.5	Training of field staff (supervisors and enumerators)
B.6	Training of Field Supervisors (7 days)
B.7	Training of Enumerators (7 days)
B.8	Census Workshops at Districts for Publicity
B.9	<u>Listing Operation and EA Mapping operation</u>
B.10	<u>e-census operation</u>
B.11	<u>MAIN CENSUS ENUMERATION</u>
B.12	Census Publicity operation
B.13	Distribution and Return of Materials at Districts
B.14	Monitoring Field Operations
B.15	Quality assurance of field operations (supervision)

C	POST CENSUS ACTIVITIES
C.1	Post-Enumeration survey
C.2	Retrieval and storage of documents (questionnaires and forms)
C.3	Checking/tracking of census documents
C.4	DATA PROCESSING
C.5	Set up data processing strategy
C.6	set locations for data processing
C.7	Recruitment data processing staff
C.8	Data Processing infrastructure set up at Districts and Centre
C.9	Development of Data Coding, Editing and Entry Manual
C.10	Data coding and editing
C.11	Data entry process
C.12	Data cleaning/ imputation
C.13	Data communication
C.14	Data editing, processing and tabulation
C.15	Census PRODUCTS
C.16	PRELIMINARY CENSUS REPORT
C.17	Preparation of Analytical Reports and Tables
C.18	Atlas of Economic Census
C.19	Nepal EcoCenInfo
C.20	Data dissemination

C.21	Preparation of Economic Census Procedural History
C.22	In-depth census data analysis (district level)
C.23	Set Broad Dissemination Strategy
C.24	Product Development
C.25	Marketing of Products
C.26	Sales Strategy
C.27	Evaluation

National Economic Census 2018 : Data Items to be Collected

Listing Form B

- Name of Establishment
- Type of Business
- Number of Persons engaged
- Status of Enumeration
 - Opinion of Respondent to be involved online survey

Data Items in Form A

- Address Information
- Introductory Information
- Registration Status
- Information on Manager and business owner
- Legal Status
- Timing Business Operation
- Business Operation Status
- Business Start year
- Tenure, type and covered area by Business
- Persons engaged in the establishment

Data Items in Form A

- Introductory Major Economic Activities
- Single unit or head office or Branch
- Number of persons engaged, major and auxiliary activity, number of branches and sub branches
- Existence of system of account keeping
- Income/ sales and operation expenses
- Capital and foreign capital ratio
- Access to Credit
- Maternal Company
- Information of Respondent

National Economic Census 2018 Major Indicators

- By Administrative, geographic areas, Economic Activity Sectors
 - Number of establishments
 - Number of persons engaged
 - Density of economic units
 - Average size of establishment
 - Ratio of paid and unpaid employees
 - Proportion of establishment by ISIC sectors
 - Major Five Economic Activities
 - Capital status
 - Ratio for foreign capital
 - Distribution of Sales/ income and operation cost

National Economic Census 2018 : Major Indicators

- Proportion of establishments by registration states
- Proportion of establishments according to legal status
- Proportion of establishments by timing of business hour
- Proportion of perennial establishments
- Proportion of establishments by business start year group
- Proportion of establishments by tenure
- Proportion of establishments by business place
- Proportion of establishments by occupied area
- Proportion of establishments by account keeping system
- Proportion of single unit, main or branch offices
- Proportion of establishments having access to credit

Statistical Act 1958 and Data Confidentiality

- Statistical Act 1958 has ensured the individual confidentiality of the enumeration unit.
- A census decree will be issued before starting the economic census 2018
- The answers given by the respondents will be kept secured and confidential.
- Respondents are ensured that the information collected in the economic census will not be used for the taxation of the business.

Duties and Responsibility in National Economic Census 2018

- Economic Census is the national important program.
- The result of the national economic census is directly related with the economic development of the nation.
- As a huge resources (human as well as financial) need to be spent in the operation of economic census, it is the responsibility and duty of all citizens including all government agencies, NGOs, industries, business personnel, service providers and It is the duty of all citizens to support for the success of economic census 2018.
- The success of the Economic Census is the proud of Nepalese people.

Duties and Responsibility in National Economic Census 2018

- ***If the information collected is true, only the success will be the economic development of the country. Hence, it is the duty of all to provide the right information or fill right information via online survey in the period of economic census.***
- ***Our Right to be included in the Economic Census , Our Duty to provide the Right Information to the Census***
- ***National Economic Census 2018 is the census of all .***
- ***National Economic Census for the Sustainable Economic Development.***

***Let us make success National Economic
Census 2018***

Thank you