Outline of Pilot Survey of National Economic Census 2018

A discussion paper presented on the second Joint Coordination Committee meeting
February 23 2017

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• Planning and organization
• Coverage areas
• Human resources
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National Economic Census 2018 of Nepal

- First time Census of all economic units operated in the territory of Nepal
- Preparatory activities ongoing
- Capacity development of CBS staff
  - Training in Japan
  - Training in Indonesia
- Procurement of equipment’s
  - Computers, printers, software
  - Satellite images, ArcGIS
- Expert services
- Formation and meetings of Committees
  - Joint Coordinating Committee, Economic Census Technical Committee, Economic Census Steering Committee
- Pretest
- Questionnaire and manual development
- E-census application development
- Pilot Survey in 2017
- Programs to be proposed in GoN budget

Pilot Survey of Economic Census 2018

- Rehearsal of the activities carried out in main real census
- Improve the real census for quality aspects

**Objectives are mainly:**
- Test the questionnaires (schedules) and other documents;
- Test e-Census system;
- Test CAPI system (by using tablet computer);
- Test Listing of the establishments;
- Test Enumeration Area Mapping work;
- Drawing sketch map of EA (municipality only); and
- Test the work procedures of every stage of the enumerators, supervisors, Area Census Officers and Census Officers.
Reference date of the pilot survey

• The pilot survey is taken as of 14th April 2017 (Nepali calendar Baishakh 1 2074).

Period of the enumeration

• The pilot survey is carried out within two months from 14th April to May 31 2017.
Legal basis of the pilot survey

- The pilot survey is taken on the basis of the Statistical Act 1958
- Sub decree has been drafted

Coverage of the Pilot Survey

The pilot survey covers all establishments

The following establishments, however, are excluded:

- a) **Non-registered establishments** classified into “Section A, Agriculture, forestry and fishing” specified in the United Nations International Standard Industrial Classification of Economic Activities, Revision 4 (ISIC),
- b) Establishments classified into "Section O, Public administration and defense; compulsory social security” specified in the ISIC,
- c) Establishments classified into “Section T Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use” specified in the ISIC,
- d) Establishments classified into "Section U, Activities of extraterritorial organizations and bodies” specified in the ISIC.
Enumeration units

• 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.

• In addition, street business (with fixed location), that is, movable establishments is to be covered.

Coverage Area of the pilot survey

• a) One or a part of ward each is selected from 33 municipalities where CBS Statistical Offices are located or in the territory of SOs; and

• b) One or a part of VDC each is selected from 33 districts where CBS Statistical Offices are located or the VDC of territory districts
Statistics Offices Under CBS

<table>
<thead>
<tr>
<th>Statistics Offices Under CBS</th>
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<tbody>
<tr>
<td>Panchthar</td>
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<tr>
<td>Morang</td>
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<tr>
<td>Sunsari</td>
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<tr>
<td>Dhankuta</td>
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<td>Bhojpur</td>
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<td>Udayapur</td>
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<tr>
<td>Okhaldhunga</td>
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<td>Dhanusha</td>
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<td>Mahottari</td>
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<td>Sindhuli</td>
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<td>Kabhrepalanchok</td>
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Items to be Surveyed

- Form A and
- Form B.
Method of the enumeration

• Enumerators’ method:
  • An enumerator visits every establishment within an assigned area,
  • makes a list of establishments,
  • draws a sketch map of the area,
  • interviews the owner or manager of the establishment or his/her substitute who is entitled to represent the establishment, and
  • fill in the pilot survey form.

• E-census method (Respondent fills via online)
  • the establishment, which prefers to answer through internet by itself, is surveyed by the e-Census method.

• Response through Internet, that is, e-Census is conducted from 14 to 30 April 2017;
  • Individual enumeration by enumerator is conducted from May 1 to May 31 2017.

Survey organization

• Director General of the CBS
• Deputy Director General , Economic Statistics Division
• Officials of Economic Census Section, CBS
• Statistics Officers of Statistics Offices at District Census Officers acts as Supervisors
• Staff (Technical as well as Administrative staff) acts as enumerators
## Time schedule of main activities

<table>
<thead>
<tr>
<th>Activities</th>
<th>Date</th>
<th>Venue/ No of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training of senior officers, core staff and Directors of 6 CBS Statistical Offices (10 to 20 persons)</td>
<td>5 to 7 March 2017</td>
<td>Dhulikhel, Kavre/16</td>
</tr>
<tr>
<td>Training of Census Officers cum Supervisors</td>
<td>15 to 19 March 2017</td>
<td>Chitawan, Birendranagar/33</td>
</tr>
<tr>
<td>Training of enumerators</td>
<td>20 to 24 March 2017</td>
<td>Chitawan, Birendranagar/79</td>
</tr>
</tbody>
</table>

(1) For municipality

<table>
<thead>
<tr>
<th>Activities</th>
<th>Date</th>
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<tbody>
<tr>
<td>Mapping work and drawing a sketch map of Enumeration Area (EA)</td>
<td>April 6-8 2017</td>
</tr>
<tr>
<td>Establishment listing (Form B)</td>
<td>9 to 13 April 2017</td>
</tr>
<tr>
<td>e-Census (electronic Form A)</td>
<td>14 to 30 April 2017</td>
</tr>
<tr>
<td>Field operations (Form A)</td>
<td>1 May to 31 May 2017</td>
</tr>
<tr>
<td>Submission of Form A, B, Map, List, etc. to SO</td>
<td>7 June 2017</td>
</tr>
</tbody>
</table>
(2) For VDC

<table>
<thead>
<tr>
<th>Activities</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mapping work and drawing a sketch map of Enumeration Area (EA) and Establishment listing (Form B)</td>
<td>6 to 13 April 2017</td>
</tr>
<tr>
<td>e-Census (electronic Form A)</td>
<td>14 to 30 April 2017</td>
</tr>
<tr>
<td>Field operations (Form A)</td>
<td>1 May to 31 May 2017</td>
</tr>
<tr>
<td>Submission of Form A, B, Map, List etc to SO</td>
<td>7 June 2017</td>
</tr>
</tbody>
</table>

Mapping work

• (1) For municipality
• Ward boundary maps of the selected municipalities are provided by the GIS section in order to instruct the survey area to the enumerators.
• Wards with 100 and more establishments are basically divided into several Enumeration Blocks.
• The EA boundaries are drawn by the enumerator.
For VDC

- VDC boundary maps of Nepal Population Census 2011 are provided by the GIS section.
- VDCs with 100 and more establishments are basically divided into several EAs.
- The EA boundaries are drawn by the enumerator.

Submission of Filled In Questionnaires and documents

- (1) The enumerators submit the filled in questionnaires (documents) to their supervisor no later than June 7th 2017.
Enumerators’ workload

- Average 120 establishments per enumerator
- Number of establishments to be enumerated according to district and budget allocated

Distribution of Enumerators

DISTRICTWISE ENUMERATORS
Supervision and Monitoring

- District Supervision and Monitoring
- Central Monitoring

Media Campaigning

- Pamphlets
Budget for Pilot survey

- A total of NPR 3,404,000 to conduct pilot survey at field level
- Central Budget NPR 500,000 for training, monitoring, and supervision
- JICA Budget for
  - Training of officers and enumerators
  - Equipment’s and enumeration kits
  - Questionnaire, manual printing
  - Public Relation activities (pamphlets, brochures)

Data Processing

- Data entry application developed
- Application be installed in computer of each Statistics Office District
- Data editing, coding and entry will be done by respective districts
- Entered data will be sent to CBS EC section by respective Statistics Offices
  - 7 to 20 June 2017
- Data Checking at Centre
- Data Reverify for errors from district
- Tabulation
- Internal Data Dissemination of Pilot Survey Data
- Report Preparation of Pilot Survey including the major issues to be addresses in Main Economic Census