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Improvements made in the Analysis, Disseminations and
Utilization of data of the 2008 Population Census of
Cambodia

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Map of CAMBODIA



- Land area 181,035 square Km
- Population 13.4 million
- Growth rate 1.54
- Density 75
- Sex Ratio 94,2
- Life expectancy F= 64.3, M=60.5
- GDP per capita \$ 739 (2008)
- GDP growth 6.5 % (estimation 2011)

Contents



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Background



- **Pop. Censuses** in Cambodia:
 - First Pop. Census 1962,
 - Second Pop. Census 1998,
 - Third Pop. Census 2008,
- There was a gap of 36 years between 1962 and 1998 because of conflict and civil war.
- The majority of the 1998 General Population Census was supported fully by UNFPA. UNDP provided vehicles, but took them back.
- 2008 Pop.Census was supported by UNFPA, JICA, Japanese Gov't, German Gov't, and ROC

Objectives (1)



- Cambodia is one of the few countries that conducted the 2010 round of censuses even as early as 2008.
- The objectives of the census were :
- Provide basic demographic information such as age, sex, marital status, and key information on household economy, employment, education and health.
- Provide updated and comparative population and development indicators with reference to the 1998 census.

Objectives (2)



- Provide trends and patterns in fertility, mortality, migration and other demographic and socio-economic variables.
- Provide a sampling frame, from which all other surveys can benefit and extrapolate analysis.
- Establish a comprehensive population database.
- To create awareness between the public at large and senior officials about the importance of high quality data for development planning.

Census Operation

Pre-census activities (1)



- Mapping for the census:
 - 30 NIS staff had been trained
 - Base on available maps from 1998, and additional some satellite commune maps from JICA.
 - 30 NIS staff were visiting all over the country
 - Updated the maps by 28,258 handwritten Enumeration Areas maps (small areas than villages)

Pre-census activities (2)



- One EA = 120 HHs or less
- EA was a part of village or a full village
- GPS had been used for pointing the village chief areas.
- In 1998 population census, maps were sketched drawing by hand only.
- In 2008 population census, maps had been developed with GIS technologies and digital with villages boundaries in the computer.

Census organization and administration (1)



- Prepared Calendar of Census activities
- Issuanced of Sub-Decree on organization of 2008 population census
- Formation of National Census Committee (NCC), Census Technical Committee, Census Publicity Committee, Census procurement Committee, and Provincial Census Committee.

The committees met on a regularly basic to discuss and agree on key issues in relation to census preparation and implementation.

Census organization and administration (2)



- 120 Regional Census Officers and assistant (5 per province).
- 72 provincial census officers (3 per prov.)
- 370 district census officers
- 1,621 commune census officers
- 14,088 village census officers
- 28,258 enumerators
- 7,064 supervisors
- 500 translators

Advocacy and public information campaign



- Commenced in June 2007 by newspaper advertisements, sensitization of community leaders and others through meetings, symposia and workshop.
- Census publicity materials:
 - Two TV/ Radio spots
 - 40,000 T-shirts, caps, and bags
 - 20,000 census posters
 - 44,000 census leaflets
 - 2,200 street banners

Census methodology, questionnaires and manuals



- The *de facto* method was adopted for the census enumeration. The reference time was the census night (March 3, 2008).
- All census questionnaires and manuals were finalized based on user requirements, lessons learned and international/UN guidelines.
- The census manuals included enumerator manual, supervisor manual, training guide, and manual of duties of field census officers.

Recruitment and training of personnel



- The appointments of enumerators and supervisors were made by the Provincial Directors in consultation with the Planning and Monitoring Division of the census office at NIS to prepare the criteria recruitment.
- The majority of supervisors and enumerators were primary teachers at the local areas.
- As the people may not understand Khmer in some places, the translators were appointed.

Training of personnel



- There were four level of training:
 - Sensitization of senior MoP officials on key census concepts and questionnaire content;
 - National level training of NIS senior Officers/Provincial Census Officers and deputies, Regional Officers, Assistant Regional Officers, and Trainers with assistance from Census Advisers;
 - Provincial training of selected Supervisors and trainers (TOT)
 - District level training of Supervisors, Enumerators, District and Commune Officers.

Problems faced (1)

- There were some problems at the household listing as households increased. In some EAs, the households increased to three or four times as compared with the results of the census mapping. Therefore the NIS faced the problem to print and send additional forms to the relevant EAs.
- Printing a large volume of census forms and distributing them to the field on time was very crucial.

Problems faced (2)



- Difficulties in enumeration in urban areas:
 - Multiple store building;
 - Locked houses;
 - Vacant houses;

Post-Enumeration Survey (1)



- The Post Enumeration Survey (PES) was conducted immediately after the census to evaluate the census result.
- It was conducted in 100 selected EAs.
- The main objective of the PES is to estimate the coverage and contents errors in the census

Post-Enumeration Survey (2)

- The PES was implemented in three distinct stages of operation:
 - Listing and enumeration of persons in all household in the selected EA.
 - Desk matching of particulars collected during listing with those contained in the corresponding census schedule.
 - Field reconciliation of particulars of individuals not matched.

Analysis and Dissemination

Reporting



- Released of Census Preliminary Results on 3 September, 2008.
- Released of National Report, final Census results on 7 September, 2009.
- Printing census results and analysis reports –Sept, 2009.
- Dissemination seminar for Government planners, stakeholders, data users – Sept, 2009

Analytical Reports (1)



- 1- Fertility and mortality
- 2- Population growth and change in spatial distribution
- 3- Nuptiality
- 4- Sex and age structure
- 5- Disability
- 6- Migration
- 7- Literacy and Educational attainment
- 8- Economic activity and employment

Analytical Reports (2)



9- Commuting

10- Housing amenity

11- Family and households

12- Population Projection

13- Gender in Cambodia

14- Urban Development in Cambodia.

12 groups of NIS staff had been assigned for all the above 14 reports analysis and writing.

Dissemination (1)



- **Hard Copy:**
 - Final Census Report
 - Census Atlas
 - Pamphlet
 - Specialized sector reports (14 topics above)
 - Statistical maps
 - Profiles of statistical tables

Dissemination (2)



- **Electronic Media (Website and CD/DVD):**
 - Tables and Table retrieval system
 - Micro-data retrieval system
 - Statistical maps
 - CamInfo/Superstar (CamInfo using Census Data, and potential use of SuperStar online and offline)

Dissemination (3)



- **Workshops**
 - National level
 - Provincial level
 - District level

Cambodia

Inter-Censal Population Survey 2013

CIPS 2013

Ojectives



- Needed to update information on population size and growth, fertility, mortality, migration and other population characteristics as well as household facilities and amenities.
- Strengthen capacity in data collection to NIS staff.

Sample households



- The last Cambodia Inter-Censal Population survey (CIPS) in 2004, the sample household was 21,000.
- According to the increasing of population, the 2013 CIPS should be bigger sample than in 2004 (about 30,000).

THANKS FOR YOUR ATTENTION