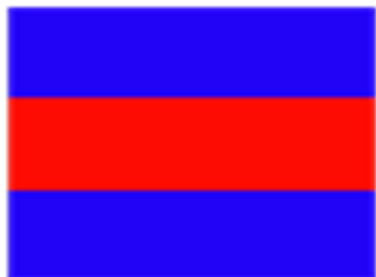


Overview of the 2014 Myanmar Population and Housing Census

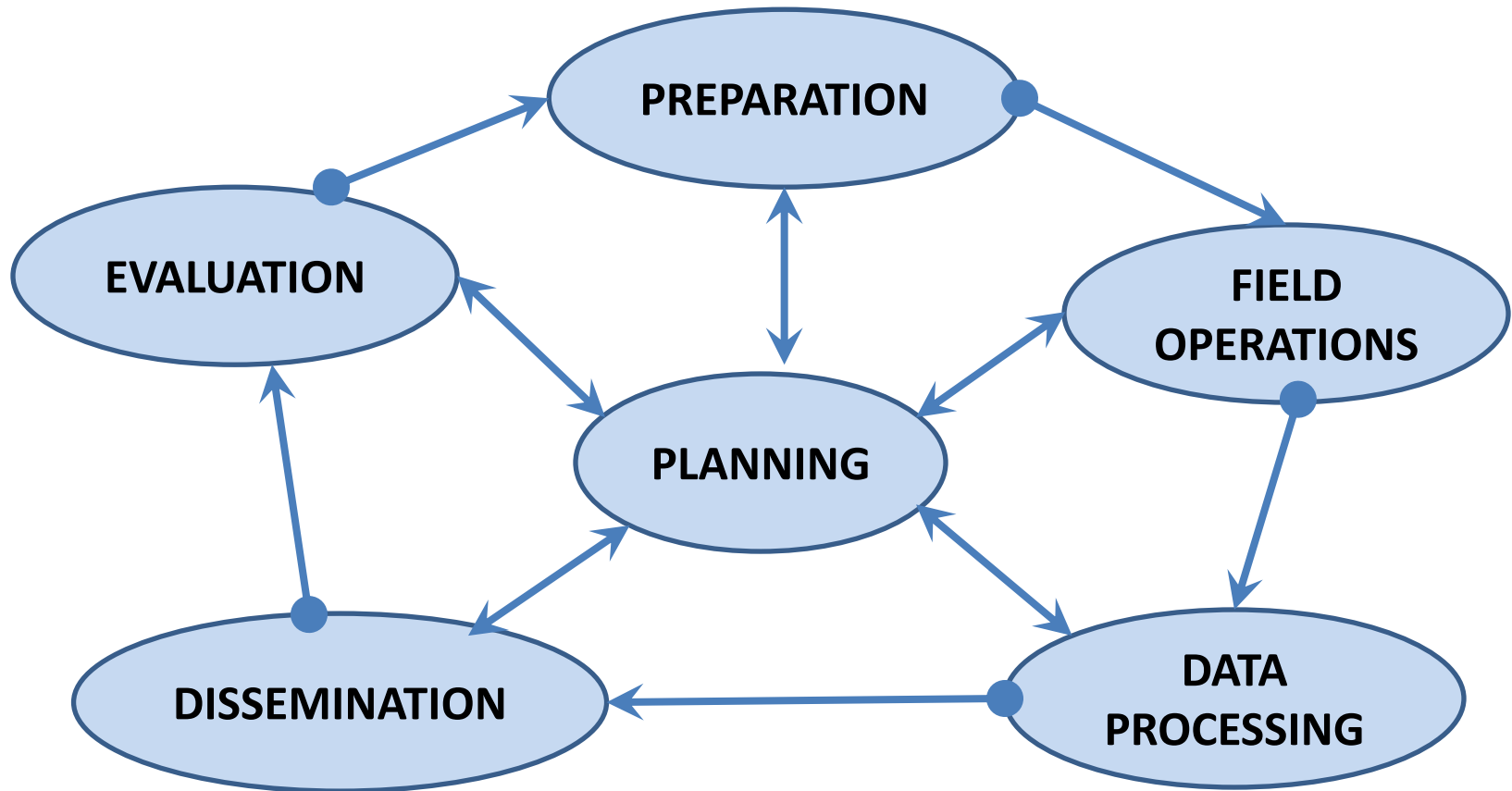
Prepared by the Census Office
(Department of Population and UNFPA)



Introduction

- What is Census?
 - The process of *collecting, compiling, **evaluating, analyzing*** and *disseminating* demographic, economic and social data pertaining to all persons in a country, at a specified time.
 - *United Nations*

The Census Cycle



Preparation Phase

Mapping and Enumeration Area (EA) Demarcation

- Aim is to ensure complete coverage of all dwelling units and to avoid overlaps
- Maps drawn by Township Immigration Officers, reviewed and approved at DOP
- Each EA was assigned a unique code number composed of 12 digits, identifying the State/Region, District, Township, Ward/VT, EA
- Each EA had about 120 households

Development of Census Questionnaire

- Developed in consultation with potential data users
- In line with Principles and Recommendations of the 2010 Round of Censuses
- Two questionnaires developed
 - Main Questionnaire: 41 questions
 - Institution Questionnaire: 11 questions
- Topics included sex, age, marital status, ethnicity, religion, disability, migration, education, labour force, children ever born, housing conditions and household amenities, household members abroad and Deaths during last 12 months in the household

Sample questionnaire



THE REPUBLIC OF THE UNION OF MYANMAR
 MINISTRY OF IMMIGRATION AND POPULATION
 2014 POPULATION AND HOUSING CENSUS
 Main Questionnaire

INSTRUCTIONS FOR COMPLETION

USE 2B BLACK PENCIL ONLY. Write then shade like this:

or this:

Write numbers like this:

1 2 3 4 5 6 7 8 9 0

Questionnaire number of for this household

HOUSEHOLD IDENTIFICATION

State/Region	District	Township/ SubTownship	Ward/Village Tract	Urban or Rural	Enumeration Area (Block No.)	Household No.
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Urban <input type="checkbox"/> Rural <input type="checkbox"/>	<input type="text"/>	<input type="text"/>

Household identification

FOR ALL MEMBERS OF THE HOUSEHOLD

Serial number of household member	2. Name (Write all persons who spent the night of 29 March 2014 in this household. Make sure to include babies, elderly persons, disabled persons and visitors)	3. Relationship to the head of the household	4. Sex	5. Completed Age (If age greater than or equal to 90, write "90" if less than one month)	6. Marital status	7. Religion	8. Ethnicity	9. Does (Name) have any difficulty...?			
								Seeing, even if wearing glasses	Hearing, even if using hearing aid	Walking	Remembering
1	ONLY PERSONS WHO SPENT THE CENSUS NIGHT IN THIS HOUSEHOLD	Head of Household Spouse Son/Daughter Son/Daughter in law Grandchild/Grandchild in law Parent/Parent-in-law Sibling Grandparent Other Relative Adopted Child Non Relative	Male Female	In Years	Single Never married Married Widowed Divorced/Separated Remarried	Buddhist Christian Islam Hindu Ancestor Other Religion No Religion		Seeing	Hearing	Walking	Remembering
2											
3											
4											
5											
6											
7											
8											

Information on Each Individual Member

CONFIDENTIALITY:

We assure that the personal information collected in this interview is confidential and will not be disclosed in any way.



12345678 (90)

Publicity/Advocacy

- Pamphlets – 17 languages
- Posters – 1 million in different languages and sizes
- Handbook – 11 languages
- Question and Answer – 11 languages
- Radio, TV, Social media
- Bill boards
- Bus Tours with celebrities
- T-shirts, caps/hats, bangles, hand fans
- Townhall meetings with ethnic leaders

Advocacy/Publicity





Training materials

- Field Instructions Manual
- Training Guide for training Master Trainers and District Trainers
- Training Guide for Training of Enumerators
- Training Guide for Training of Supervisors
- Guide for State and Township Committees
- Training Aids – DVDs, role plays, power point/flip charts, quizzes

Training

- More interaction – communication and ways of asking questions
- 3 trainers per venue
- Medium sized class of 40 – 50 people
- Trainers were mostly teachers

Training of Enumerators and Supervisors (120,000)



Field Operations

Field Enumeration

- From 30 March to 10 April 2014
- About 80,000 enumerators and 40,000 supervisors were deployed across the country
- Started by updating Structures to improve coverage
- Supervisor re-checked 3 households in every EA
- Support Group to ensure every household/people collected
- A team of 47 independent observers (23 international, 24 national) carried out observation in all States and Divisions





Post-enumeration activities

Receiving (Accounting for materials)

- Township Immigration Officers came to DOP to account for all Enumeration Areas and materials sent to them
- Control list of EAs was developed to ensure all questionnaires were received back
- Each State/Region was allocated a particular date

Receiving process



Preparation for Scanning

- Questionnaires were prepared for scanning in order to ensure good quality scanning:
 - Counting the questionnaires to ensure they reconcile with the receiving team
 - Checking to confirm that all the questionnaires in the box belong to the same EA, and that there are no “stray” questionnaires
 - Transcribing any soiled, torn or mutilated questionnaires (which may not pass through the scanner)
 - Checking that there are no missing or duplicate households
 - Splitting the questionnaires from A3 size to Legal size, so that they can pass through the scanner.

Registration and scanning

- Registration:
 - First step in making the system aware that Census questionnaires have been received from an EA
 - Each batch of questionnaires must be identified to the system so that scanning and further processing can be done.

Typical batch registration screen

The screenshot shows a software window titled "Census - Registration". The main area is light purple and contains several input fields for batch details. Below these is a "Form Count" field showing the number 102. At the bottom, there are two buttons: "Clear All" and "Register". The status bar at the bottom left says "Ready ...".

Region	District	Township	Ward	Urban	EA
09	07	04	744	2	004

Form Count: 102

Buttons: Clear All, Register

Status: Ready ...

Coding of Occupation and Industry

- Occupation and Industry written as free text during enumeration, hence cannot be captured using OMR or ICR technology
 - Enumerators wrote the description of the Occupation and Industry in the questionnaire
- Census Office developed the coding index for occupation and industry based on ISCO 2008 and ISIC version 4
- To improve quality of coding, each questionnaire is being coded by two operators (“double-blind” coding).
- If the two operators have coded differently, the questionnaire automatically goes to the Supervisor to make a determination on the correct code.

A typical operator coding screen

Census - Coding

Occupation & Industry

	Occupation	Industry	
1	လမ်းဆုံကား	အိတ်အိတ်အိတ်အိတ်	<input type="checkbox"/>
	လမ်းဆုံကား	အိတ်အိတ်အိတ်အိတ်	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Full Screen Image Search Code (F3) Back Next (F12)

Scanned form id 1793626, barcode 4040626665

A typical Supervisor coding screen

Census - Coding

Occupation & Industry	
Occupation	Industry
712 931 ကုမ္ပဏီတိုက်ခန်း	ဆေးကုသရေး
712 916 ကုမ္ပဏီတိုက်ခန်း	ဆေးကုသရေး

1st 2nd 1st 2nd

Full Screen Image Search Code (F3) Back Next (F12)

Scanned form id 3022, barcode 4344962031, 1st operator thantzin, 2nd operator chozin

Methods of Editing data

- Structural

- i. Geography Code use information on same batch
- ii. Urban/rural – hot deck from preceding household EA code
- iii. Household does not contain any person – delete the records
- iv. Invalid household Number – create new one

Structural Edits

- i. Multiple households merged – separate to different households
- ii. For personal records age, sex and relationship
- iii. Fertility data is filled against man in household

Attribute Editing

- i. Not stated/Out of range
- ii. Impute if case is less than 0.5%
- iii. Leave the cases as they are to be presented as not stated
- iv. Highest Level of Education completed
- v. Child aged 9 years attended university given highest level of education possible for the person
- vi. Children Ever Born: Total = in household + away + dead

Thank You!!