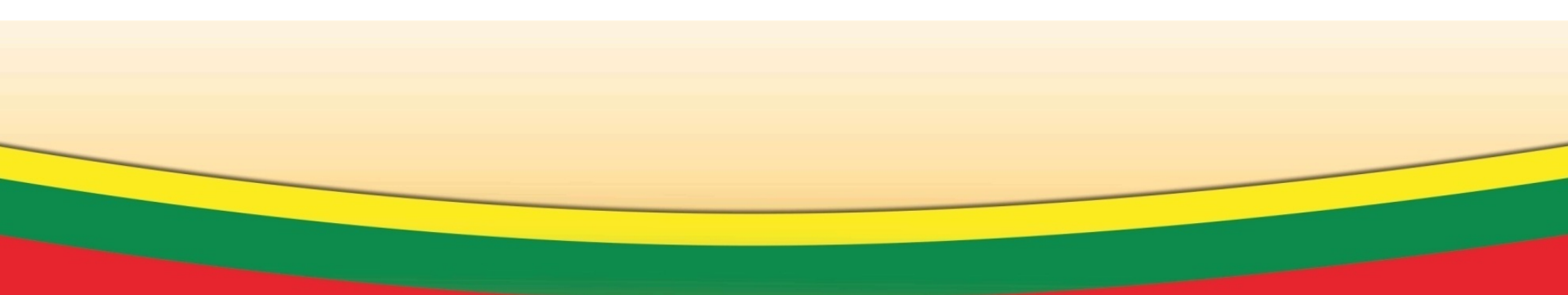


# **ASEAN+3 Symposium on Strengthening Demographic Policy Cooperation**



# Digitalization of Demographic Data in Myanmar



Presented by  
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Director

Department of Population  
Ministry of Labour, Immigration and Population

# Outline of Presentation

- ☐ Introduction
- ☐ The e-Government
- ☐ Duty and responsibility of Population Department
- ☐ 2014 Population Housing Census
- ☐ DOP Website
- ☐ REDATAM
- ☐ 2019 Intercensal Survey
- ☐ Digital mapping

# Introduction

- The advanced digitalization of the world -extraordinary impact on every sphere of our lives since over the past 20 years.
- Currently, many services and resources are accessible only through digital means such as Social Apps, e-mail, e-books, e-library as well.
- Along with this trend, the world is experiencing a demographic revolution.

## Introduction (Cont')

- To keep abreast with the today's advanced technology, Myanmar Government has formed a committee on e-Government .
- Signatory to the ASEAN e-commerce, also.
- According to the Economic Policy (1), the e-Government system included in Economic Policy (4) is being developed.
- Hluttaw has also approved.

## Introduction (Cont')

- The members of parliament (Pyithu Hluttaw) discussed the motion urging the Union Government :
  - ✓ to accelerate the nationwide Digital Literacy movement and
  - ✓ to lay down Digital Literacy Framework

## Introduction (Cont')

- In recent time, 90% of population is using mobile phone.
- It is important for Myanmar to tackle the challenges of the 21st century by adopting the Digital Literacy Framework.
- It is the strength to overcome the challenge of how to effectively use the mobile device considering Myanmar's high smart phone density.

# The e-Government

- The Union of the Republic of Myanmar has opportunities to be developed in leaps and bounds by the effective management of geographical dispersion and varying socio-economic conditions, via the use of e-Government system.
- In an attempt to achieve rounded development, e-Government can be considered as an important component.



# The e-Government (Cont')

- With this in mind, the government, aiming at the economic development, has included the policy to establish:
  - ✓ Data ID Card System
  - ✓ Digital Government Strategy
  - ✓ e-Government system

# The e-Government (Cont')

- In regards with the establishment of Data ID Card System, Ministry of Labor, Immigration and Population is a focal ministry.
- Need to provide National Data Hub such as National ID Registration Information and Demographics Information.
- Need to share and use these information among departments, organizations, private sector and public.

# Duty and Responsibility of Population Department

- To conduct the population census for required time by the government policy
- To conduct the demographic surveys to support for the socio-economic and security cases of the government
- To estimate, report and specify the population statistics for short and long socio-economic plans based on the data from the census and surveys
- To work continuously for getting population statistics
- To make research based on the census and survey data for drawing population policy

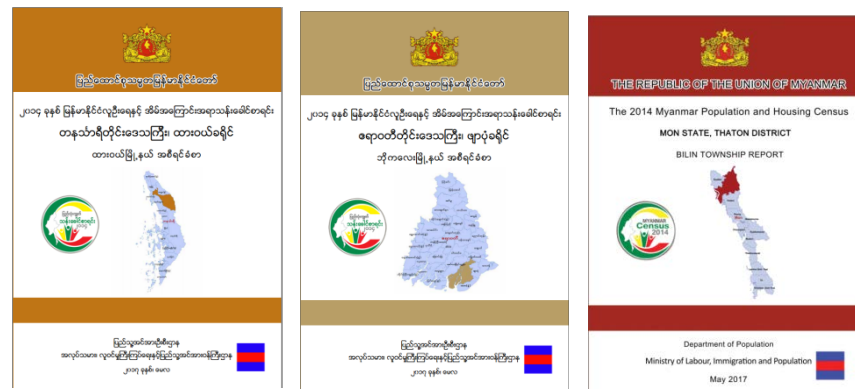
# 2014 Myanmar Population and Housing Census

- In April 2014, Myanmar Government conducted its latest census, after three decades.
- After 2014 Census, the Department of Population launched and has been disseminated census products in both printed format and digital format.
- For all those digital version can be downloaded at [www.dop.gov.mm](http://www.dop.gov.mm) as user friendly.
- Activities of DoP have also been uploading on Department of Population Facebook page.

# Census Products



- Union reports
- State/Region reports
- Township reports
- Pamphlets
- Wall sheets



# Census Products



- 13 Thematic Reports
- Policy Briefs
- Census Atlas



# Department of Population Website

- Established the Department of Population Website since 2015.
- To inform 2014 census processes, information and reports to the public. Also to use as public relation tools for our Department's activities.
- For more effective and efficient of DOP website:
  - ✓ Update Web Design
  - ✓ More Security for Data
  - ✓ Need Rapid Speed
  - ✓ To more support Information and Statistics for data user
- Implementation for this project, coordination with DOP and One Map Myanmar

# Department of Population Website

- One of the ways of dissemination is Online Census Dissemination:
  - ✓ Website
  - ✓ Redatam Online Version
  - ✓ Interactive Maps





THE REPUBLIC OF THE UNION OF MYANMAR  
Ministry of Labour, Immigration and Population  
Department of Population





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Mon

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**MYANMAR POPULATION**

54,088,052

Per Minute 0.89

**REDATAM ON-LINE PROCESS**




**REDATAM OFF-LINE PROCESS**

**LATEST NEWS**



**STATEMENT: Department of Population and OnMap Mya...**  
15 Oct 2018  
October, 15, 2018 Recent media reports have called attention to maps on Myanmar websites that may mislead readers to think that Myanmar considers St.



**Department of Population launches redesigned websi...**  
24 Aug 2018  
23-8-2018 Nay Pyi Taw The Department of Population under the Ministry of Labour, Immigration and Population, United Nations Population Fund (UNFPA)...

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**MICRO DATA REQUEST**

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# Department of Population Website

## Advance Interactive Maps

- Contributes the census interactive maps coordination with OneMap Myanmar.
- The census data were developed on interactive map with census indicators divided by layers.
- The demographics, Labour, Education, Disability and Housing amenities indicators on the interactive map up to township level can be observed.
- Data users and researchers can find the required census indicators by State/Region, District and Township on the map more easily and user friendly.

# REDATAM

- To promote utilization of Census data at all levels of planning, design, implementation, monitoring and evaluation of policies, plans and programmes, DoP made the conversion to REDATAM in both Online and Offline.
- **Myanmar REDATAM** was launched in 2018, as one of the credible platforms for dissemination.
- REDATAM included 100% census database.
- Trainings, how to use REDATAM, have being held for key stakeholders including government officials, development partners, and academic.

## REDATAM (Cont')

- REDATAM can geographically disaggregate at lower subnational levels, such as districts and townships.
- REDATAM can generate not only statistical tables but also bar graphs, pie charts, pyramids and maps.

# Myanmar REDATAM

## CROSS TAB

Statistical Processor

Output Summary

D:\tia\redatam\Redatam\_V5\_PUF 100%\Union.dic

Myanmar

- State
- District
- Township
- Hhold
- Abroad
- Death
- Person

Variable	Label
P01PERSONL	Person line number
P03RELATIO	Relationship
P04SEX	Sex
P05AGE	Age
P06MARITAL	Marital status
P09ADISABI	Disability seeing
P09BDISABI	Disability hearing
P09CDISABI	Disability walking
P09DDISABI	Disability remembering
P10IDENTIT	Identity card
P11BIRTHTO	Birth township
P12BIRTHUR	Birth township urban/rural
P13USUALTO	Usual township
P14USUALUR	Usual township urban/rural
P15DURATIO	Duration of residence
P17PREVIOU	Previous township
P18PREVUR	Previous township urban/rural
P19READAND	Read and write
P20SCHOOLA	School attendance
P21HIGHEST	Highest grade
P22ACTIVIT	Activity status
P23OCCUPAT	Occupation
P24INDUSTR	Industry
P25ACHILDR	Children born - male
P25BCHILDR	Children born - female
P26ACHILDR	Children in hh - male
P26BCHILDR	Children in hh - female
P27ACHILDR	Children elsewhere - male
P27BCHILDR	Children elsewhere - female
P28ACHILDR	Children died - male
P28BCHILDR	Children died - female
P29ALASTLI	Last live birth - month
P29BLASTLI	Last live birth - year
P30LASTLV	Last live birth - sex
P31LASTLV	Last live birth - still alive
PWEIGHT	PWeight

Easy Tab - CrossTab

Table Specifications

Distribution of

Variable

Person.P06MARITAL

Crossed with

Person.P04SEX

Output Summary

R-SP

Run: 6

K1

Database

D:\tia\redatam\Redatam\_V5\_PUF 100%\Union.dic

Geographic Area

All Database

Crosstab

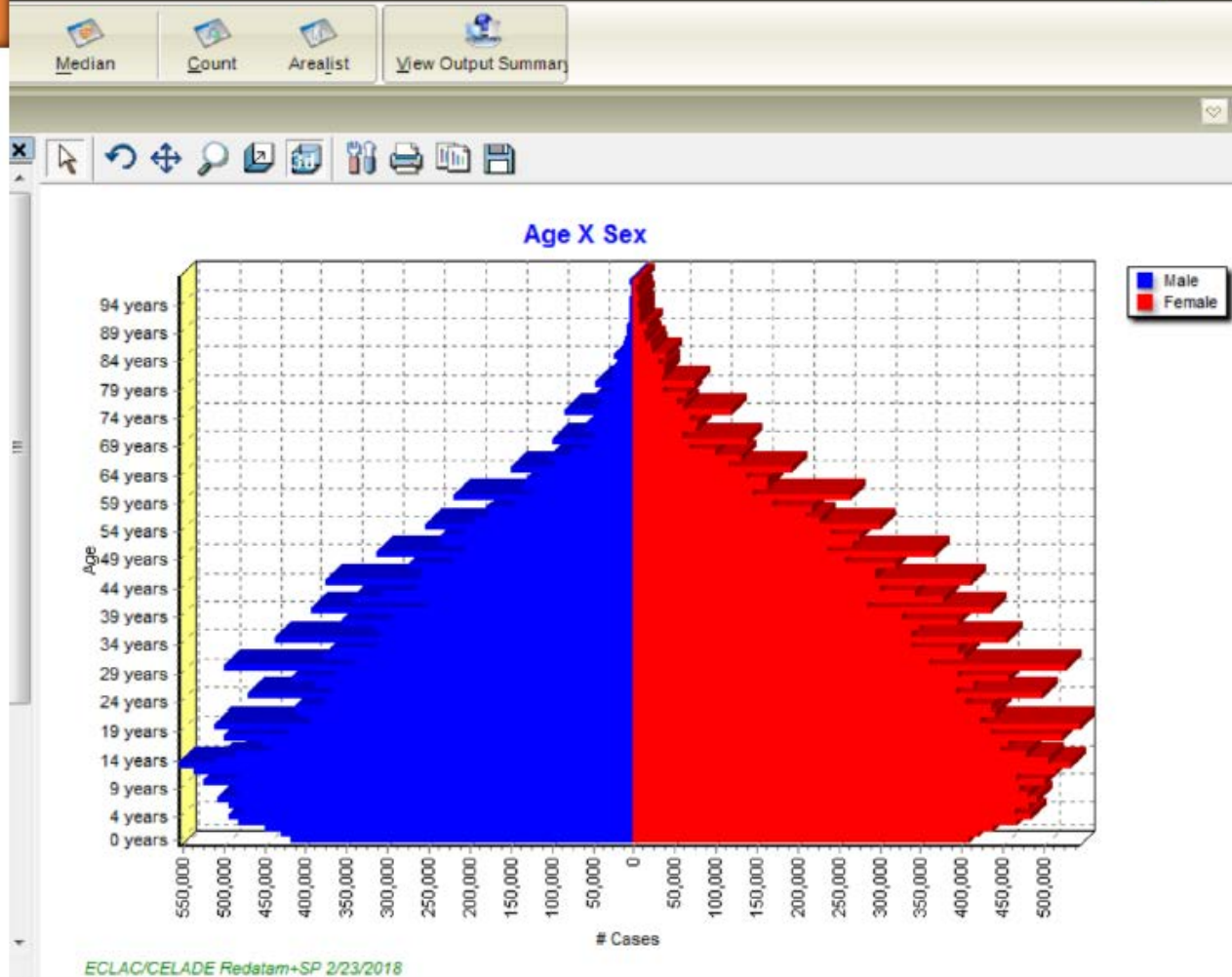
of Marital status

by Sex

	Male	Female	Total
Single	12,758,881	12,699,357	25,458,238
Married	10,395,725	10,950,591	21,346,316
Widowed	524,275	1,974,608	2,498,883
Divorced/Separated	230,708	385,967	616,695
Renounced	319,125	40,643	359,768
Total	24,228,714	26,051,186	50,279,900

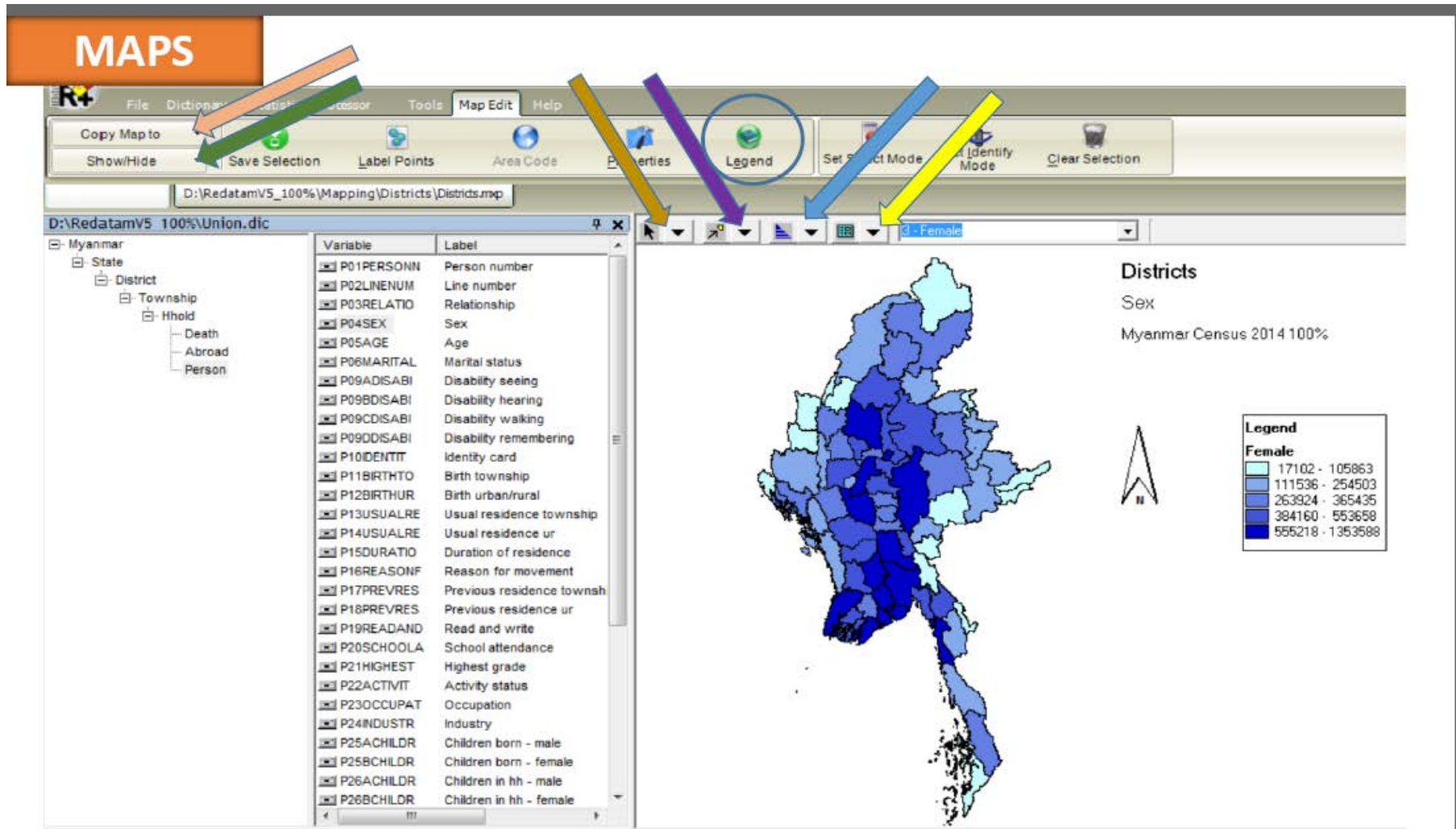
# Myanmar REDATAM

## GRAPHS





# Myanmar REDATAM



# 2019 Intercensal Survey

- An updated population data is very crucial to form as basis for any decision making especially for evidence-based planning, programme development and project monitoring.
- Since the next population census is planned to be conducted in 2024 with the results to be available a year after, 2019 Intercensal Survey will play a very important role as its results will feed into the planned updates for Myanmar.



# 2019 Intercensal Survey (Cont')

- Department of Population will conduct intercensal survey for about 14 days in 2019 November nationwide from about 4,300 sample lots.
- The collected information are planned to be confirmed and published in 2020 June.
- 4 processes: Preparation, Data Collection, Data Processing and Data Dissemination.
- 2019 ICS will not use paper based questionnaire as in the past censuses and will use Computer-Assisted Personal Interviewing (CAPI) with Mobile Tablets.

# Digital Mapping

- To conduct 2019 ICS, our department is updating the EA map base on the 2014 Population and Housing Census EA map.
- The sample EA maps are digitalized by using Google Map and GIS Technology at the Head quarter.
- After that, some sample EA will be checked on the field and household listing will be followed.
- The EA maps updating process will take 7 months from March to September.
- Of the preparation work, updating of selecting map is the biggest and most difficult work.

**Thank you**

