

Cambodia General Population Census and Challenges faced during the COVID-19 Pandemic

*29 November – 1 December 2022
Tokyo, Japan*

Outline

- 1. History of Cambodia Census***
- 2. Timetable of Major Census Fieldwork***
- 3. Figure at a Glance of Population Census***
- 4. Population Pyramid of Population Census***
- 5. NIS's experiences from the COVID19 pandemic.***

1. Background

National Institute of Statistics (NIS) is an official statistics organization as government agency is to implement the statistical law and regulations such data collection, analyzing, reporting and disseminating of population census data.

NIS has conducted the Population Census every 10 years, called the “General Population Census of Cambodia (GPCC)” started from 1998 after Khmer Rough Regime that conducted after 36 years of the 1962 population census.

	<p>1st Census in 1962</p> <p>Approach: De Facto</p> <p>Mode: Face to Face Interviews</p>
	<p>2nd Census on March 3, 1998 (2000 Round)</p> <p>Approach: De Facto</p> <p>Mode: Face to Face Interviews</p>
	<p>3rd Census on March 3, 2008 (2010 Round)</p> <p>Approach: De Facto</p> <p>Mode: Face to Face Interviews</p>
	<p>4th Census in March 3, 2019 (2020 Round)</p> <p>Approach: De Facto</p> <p>Mode: Face to Face Interviews</p>

2. Major Census Fieldwork

Timetable

Date	Activities
February 28 th to March 2 nd , 2019 (3 days)	Household listing in enumeration areas and updating the enumeration area maps
March 3 rd , 2019 night-time	Enumeration of the homeless and transient population
March 3 rd to 13 th , 2019 (11 days)	2019 Census enumeration with midnight of March 3 rd (00:00 AM) chosen as the reference moment
March 13 th to 14 th , 2019	Collection of completed census documents from field offices
March 15 th to 22 nd , 2019	Receipt of completed census records at the NIS in Phnom Penh

2. Major Census Fieldwork (cont')

- Data Collection Training (11 to 22 Feb) :

Training was also conducted for 600 core trainers. Each of these core trainers was then responsible for conducting two training sessions for supervisors and enumerators on 11th to 14th February 2019 and 18th to 22nd February of 2019



2. Major Census Fieldwork (cont')

- Enumeration of the homeless and transient population

-March 3rd, 2019 night-time



- Enumeration of the other households

March 3rd to 13rd, 2019 (11 days):

based on reference date and time:

March 3rd , 00:00 AM



3. Figure at a Glance

✓ GPCC2019

➤ Total Population	15,552,211
Male (48.7%)	7,571,837
Female (51.5%)	7,980,374
➤ Sex ratio	95 males per 100 females
Urban (39.4%)	6,135,194
Rural (60.6%)	9,417,017
➤ Population Density	87 persons per Km ²

✓ GPCC2008

➤ Total Population	13,395,682
Male (48.6%)	6,516,054
Female (51.4%)	6,879,628
➤ Sex ratio	94.7 males per 100 females
Urban (19.5%)	2,614,027
Rural (80.5%)	10,781,655
➤ Population Density	75 persons per Km ²

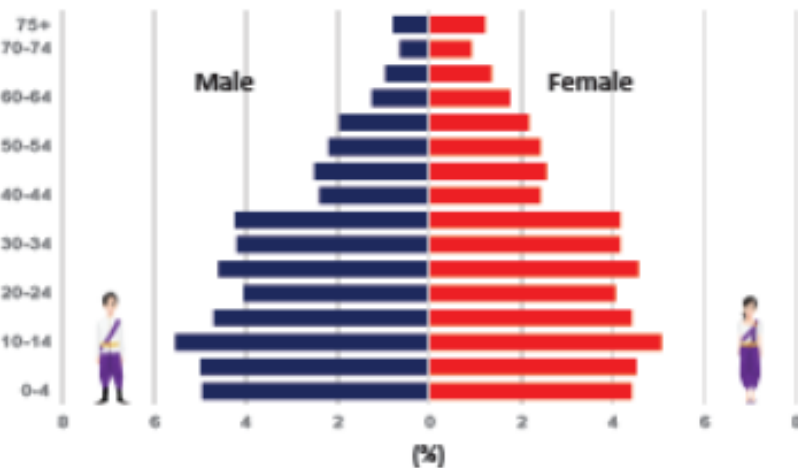
✓ GPCC1998

➤ Total Population	11,437,656
Male (48.2%)	5,511,408
Female (51.8%)	5,926,248
➤ Sex ratio	93 males per 100 females
Urban (15.7%)	1,795,575
Rural (84.3%)	9,642,081
➤ Population Density	64 persons per Km ²

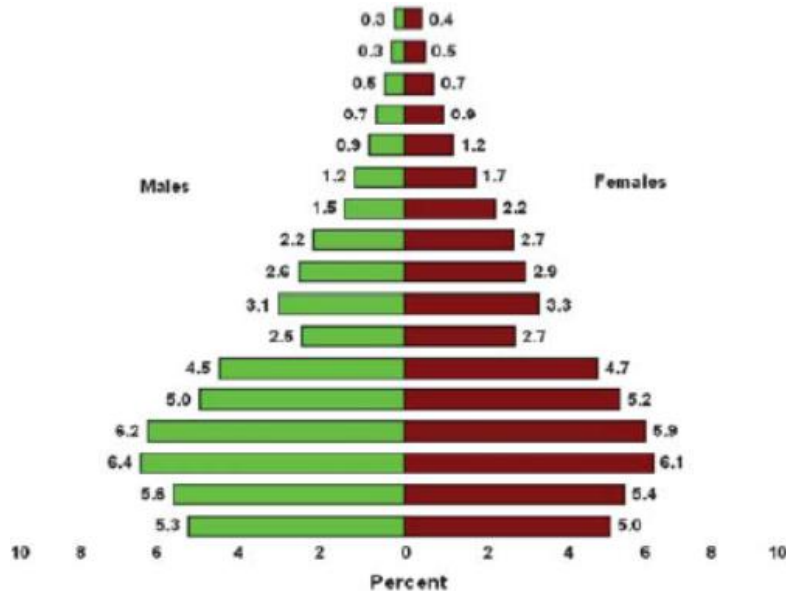
4. Population Pyramid

The population pyramid graphically displays a population's age and sex composition. Horizontal bars present the percentage of males and females in each age group.

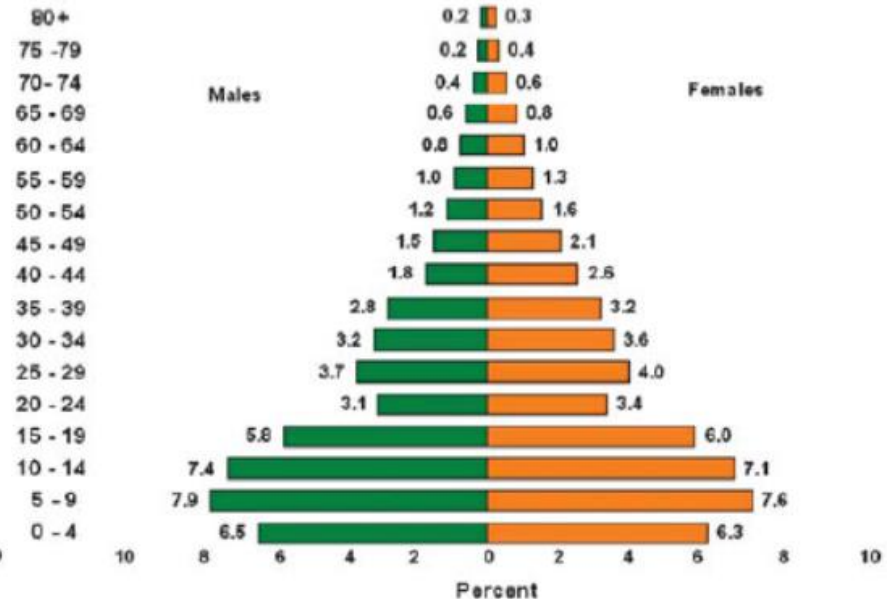
Population Pyramid of Cambodia, 2019



Population Pyramid of Cambodia, 2008



Population Pyramid of Cambodia, 1998

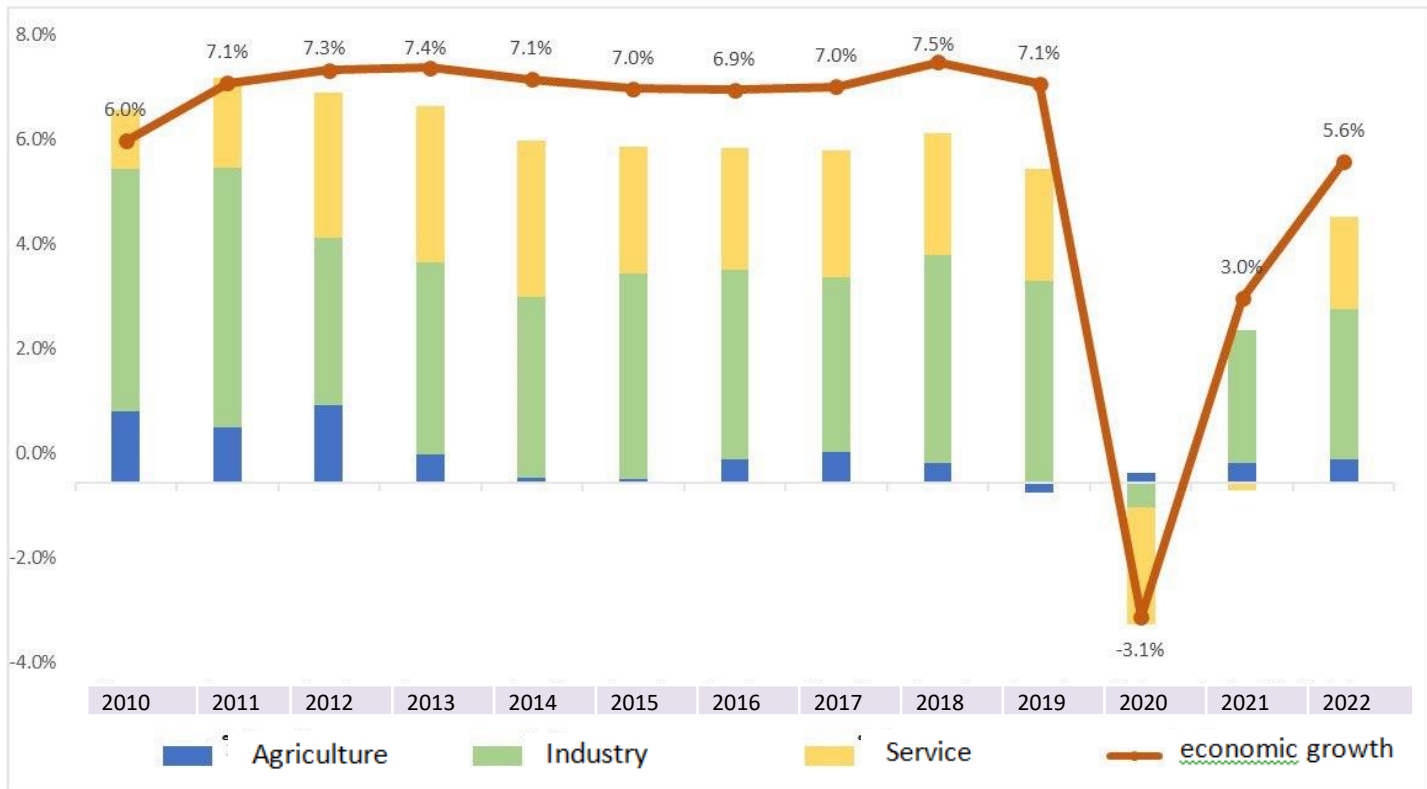


5. Cambodia's experiences from the COVID19 Pandemic



- Economic growth

✓ Cambodia's achievement in economic growth -3.1% in 2020, 3% in 2021p and 5.6% in 2022p.



Cambodia economic growth at the end of 2021

5. Cambodia's experiences from the COVID19 Pandemic

- *Editing and Coding and Data Capture*

Editing and coding and data entry have been the most affected activities with the majority of infection. That's why two data entry operators, who tested positive by Health agent, send them to work from home and not allow them to go outside until the health agent's re-testing with negative and data entry room has been closed temporarily.

All staff were allowed to work from home either data editing, coding and data entry.

Good networking with Provincial Department of Planning (PDP) and other related bodies for conducting the population census data editing coding and data entry was set up with the implementation of the restrict codes and rules/regulation by the Ministry of Health, to avoid of COVID19 pandemic.



5. Cambodia's experiences from the COVID19 Pandemic



+ Editing and Coding

The editing and coding process involved 150 staff and was initially scheduled to be completed around January 2020. However, this process took slightly longer than planned and, to minimize delays, the National Institute of Statistics requested additional officials from other units within the Ministry of Planning. With the assistance of these extra technical officers and management staff, the editing and coding process was completed by the end of June 2020. Once the editing and coding was completed, the census questionnaires were transferred over to the data entry team.

5. Cambodia's experiences from the COVID19 Pandemic

+ Data Capture

The data entry team consisted of 100 keyboard operators working under 10 supervisors. Approximately one week after the editing and coding process started, data entry staff were given a thorough training on data entry procedures and the CPro data entry software. Due to the network connection, data entry started about a month and half after the editing and coding process.



5. Cambodia's experiences from the COVID19 Pandemic

+ Data Capture

The data entry was estimated to be completed within nine months but was ultimately delayed by the COVID-19 pandemic. To minimize delays, the NIS recruited around 200 university students in Phnom Penh. These additional recruits helped to accelerate data entry activities by working a half-day and a full day on Saturday and Sunday. As a result, data entry was completed by the end of June 2020.



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Arigato Gozaimasu!

THANK YOU!