



Population Census and Covid-19: Can we still provide SDGs Indicators?

Presented at:
The 9th Session of OIC Statistical Commission (OIC-StatCom)

Nashrul Wajdi
Head of Demographic Statistics Division
BPS – Statistics Indonesia



Ankara, 29 September 2020



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17 PARTNERSHIPS FOR THE GOALS



Goal 17. Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development



Target 17.18: By 2020, enhance capacity-building support to developing countries, including for least developed countries and small island developing States, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts.

THE INITIAL PLAN OF INDONESIA'S POPULATION CENSUS 2020



WHO

All population living or will be living in Indonesia **for at least 1 year**



WHERE

All Indonesia's territory
(Including Indonesian representatives or missions who are living abroad)



WHEN

- ✓ **Phase 1: Full enumeration**
 - a. **Online census**
(15 February – 31 March 2020)
 - b. **Face-to-face interviewing**
(1- 31 July 2020)
- ✓ **Phase 2:
Indepth Survey (2021)**



METHOD

“Combined Census”

Using administrative data as pre-list data for Population Census



DATA COLL. MODE

THREE MODES OF COLLECTION:



CAWI (*Computer Aided Web Interviewing*)



CAPI (*Computer Assisted Personal Interviewing*)



PAPI (*Pencil and Paper Interviewing*)



World Health Organization

“...countries must take a whole-of-government, whole-of-society approach, built around a comprehensive strategy to prevent infections, save lives and minimize impact.”

30 January 2020

Coronavirus Disease (COVID-19) declared as international health emergency

11 March 2020

Coronavirus Disease (COVID-19) declared as pandemic

INDONESIA RESPONSE



29 February 2020

National Disaster Management Agency, BNPB

Status of Specific Disaster Emergency Conditions due to covid-19 pandemic

Extended to 29 May 2020

PC2020 BUDGET CONSTRAIN

To respond Covid-19, the government decided to implement budget efficiency.



✓ Appr*. USD 278 Million → **USD 69 Million**

✓ (USD 1.03/capita → **USD 0.26/capita**)

* USD 1 = IDR 14.500.-





NEW PLAN FOR INDONESIA'S POPULATION CENSUS 2020



WHO

All population living or will be living in Indonesia **for at least 1 year**



WHERE

All Indonesia's territories

(Including Indonesian representatives or missions who are living abroad)



WHEN

✓ Phase 1: Full enumeration

a. Online census

(15 February – ~~31 March 2020~~)
29 May 2020

~~b. Face-to-face enumeration~~

~~(1–31 July 2020)~~

b. Ground check and Self Filling Questionnaire

1 – 30 September 2020

✓ Phase 2: Indepth Survey (2021)



METHOD

“Combined Census”

Using administrative data as pre-list as the basis for Population Census



DATA COLL. MODE

THREE ~~TWO~~ MODES OF COLLECTION:



CAWI (Computer Aided Web Interviewing)



~~CAPI~~ (Computer Aided Personal Interviewing)



~~PAPI~~ (Paper and Pencil Interviewing)

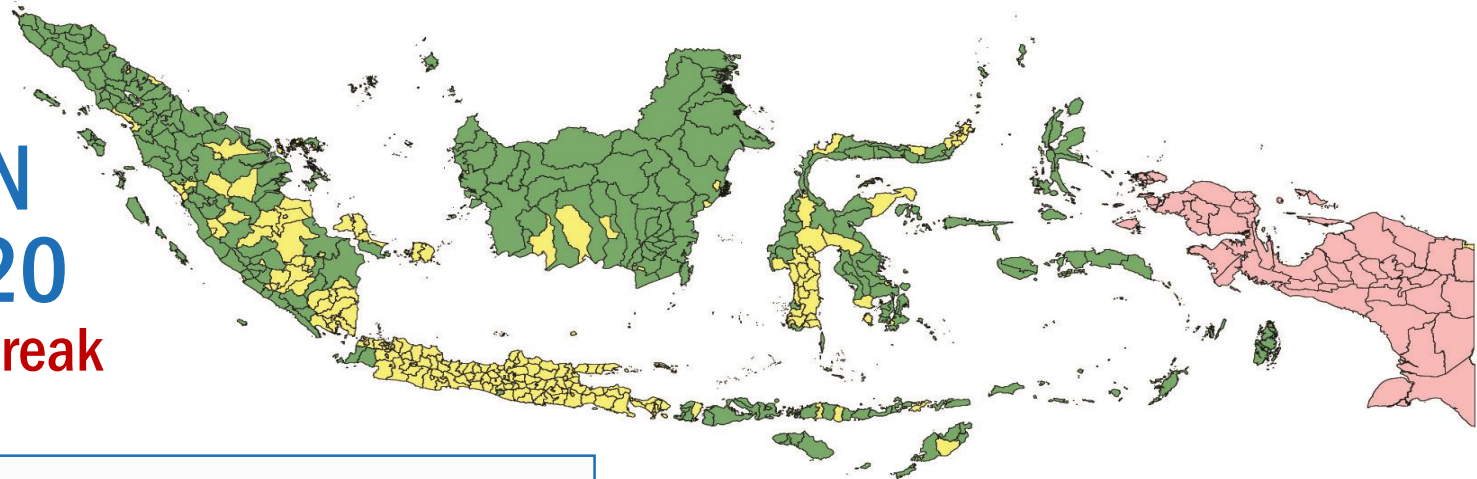
DOPU

(Drop Off Pick Up)



MODE OF DATA COLLECTION PC2020 – SEPTEMBER 2020

Adjustments made due to COVID-19 outbreak



Zone 1 - DOPU

227 Districts

64.291.926 person (23,72%)

17.854.463 families (22,08%)

✓ Population register
verification

✓ Drop Off Pick UP



Zone 2 - Non DOPU

246 Districts

202.660.948 person (74,76%)

61.725.090 families (76,33%)

✓ Population register
verification



Zone 3 – Interview

41 Districts

4.113.492 person (1,52%)

1.284.573 families (1,59%)

✓ Population register
verification

✓ Interview

IMPACT OF ADJUSTMENT ON OUTPUTS

Zone 1 & 3

Outputs from **Population Register (2020)**

Population of Indonesia by:

- ✓ Sex
- ✓ Residence status
- ✓ Ownership of Person ID



Zone 2

Outputs from **Population Register (2020)**

Population of Indonesia by:

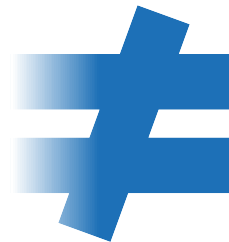
- ✓ Sex
- ✓ Residence status
- ✓ Ownership of Person ID



(no changes)

Outputs from **Short Form Quest (2020)**

- ✓ Housing characteristics: **5 questions**
- ✓ Individual characteristics all ages: **13 questions**
- ✓ Individual characteristics 5+: **17 questions**



Outputs from **Short Form Quest (2020)**

- ✓ Housing characteristics: **5 questions**
- ✓ Individual characteristics all ages: **13 questions**
- ✓ Individual characteristics 5+: **17 questions**



“

Can we still provide
SDGs Indicators



INDICATORS GENERATED FROM PC2020 SHORT FORM



Initial Planning



34 indicators
(11 SDGs Indicators)

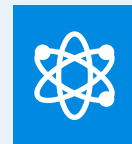
Indicator 1.4.1 (j); Indicator 3.7.1; Indicator 5.3.1; Indicator 8.3.1; Indicator 8.3.1 (a); Indicator 8.3.1 (b); Indicator 8.6.1; Indicator 8.7.1; Indicator 7.1.1 and indicator 7.1.1 (a); Indicator 6.1.1a; Indicator 6.2.1b.



Adjusted Planning



19 indicators
(2 SDGs Indicators)



Indicator 3.7.1;
Indicator 5.3.1;

Outputs from Short Form Question (2020)

Housing characteristics

1. **Ownership status of current house**
2. **Electricity**
3. **Main source of drinking water**
4. **Toilet facilities ownership**
5. **Major floor surface**



Individual characteristics all ages

1. Name
2. ID number
3. Address
4. **Length of stay at the current address**
5. Sex
6. Place and date of birth
7. **Birth certificate ownership**
8. Citizenship
9. **Ethnic**
10. Religion
11. Education attained
12. Relationship with the head of family
13. Marital status



Individual characteristics 5+:

1. Name
2. ID number
3. Address
4. **Length of stay at the current address**
5. Sex
6. Place and date of birth
7. **Birth certificate ownership**
8. Citizenship
9. **Ethnic**
10. Religion
11. Education attained
12. Relationship with the head of family
13. Marital status
14. **Ability of speaking Indonesian**
15. **Having Occupation (Yes/No)**
16. Industries (lapangan usaha)
17. **Occupation Status**



Information:

Variables in red is not available at **Zone 2** and limited at **Zone 1**

SDGs Indicators: PC2020 Short Form

List of Indicators generated from Short Form Questionnaire

1. 1.4.1 Proportion of population living in households with access to basic services.
 - 1.4.1. (j) Percentage of people age 0-17 year with birth certificate
2. Indicator 3.7.1: Proportion of women of reproductive age (aged 15–49 years) who have their need for family planning satisfied with modern methods.
3. Indicator 5.3.1: Proportion of women aged 20–24 years who were married or in a union before age 15 and before age 18.
4. Indicator 8.3.1: Proportion of informal employment in total employment, by sector and sex.
 - Indicator 8.3.1 (a)
 - Indicator 8.3.1 (b)
5. Indicator 8.6.1: Proportion of youth (aged 15–24 years) not in education, employment or training.
6. Indicator 8.7.1: Proportion and number of children aged 5–17 years engaged in child labour, by sex and age.



SDGs Indicators: PC2020 Short Form

List of Indicators generated from Short Form Questionnaire

7. Indicator 7.1.1: Proportion of population with access to electricity.
8. Indicator 6.1.1: Proportion of population using safely managed drinking water services.
9. Indicator 6.2.1: Proportion of population using (a) safely managed sanitation services and (b) a hand-washing facility with soap and water.



COVID-19 IN INDONESIA

282.724

CONFIRMED CASES
+4.002 new cases

61.686

ACTIVE CASES
21,8% of confirmed
cases

210.437

CURED
74,4% of confirmed
cases

10.601

DIED
3,7% of confirmed
cases



Source: <https://covid19.go.id/peta-sebaran> (29 Sept 2020)

SOME THOUGHTS...



Do we have platform for monitoring COVID-19 among member countries?

Do we care for sharing information on what NSO's of member countries have done during COVID-19?

Do we need to have a regular virtual meeting for updates on our statistical business process during COVID-19?





Help each other
WINNING THE WAR
against COVID-19



BADAN PUSAT STATISTIK

Mari Bersama #MencatatIndonesia



Sensus Penduduk
1 – 30 September 2020

Thank You



**Sensus
Penduduk
2020**

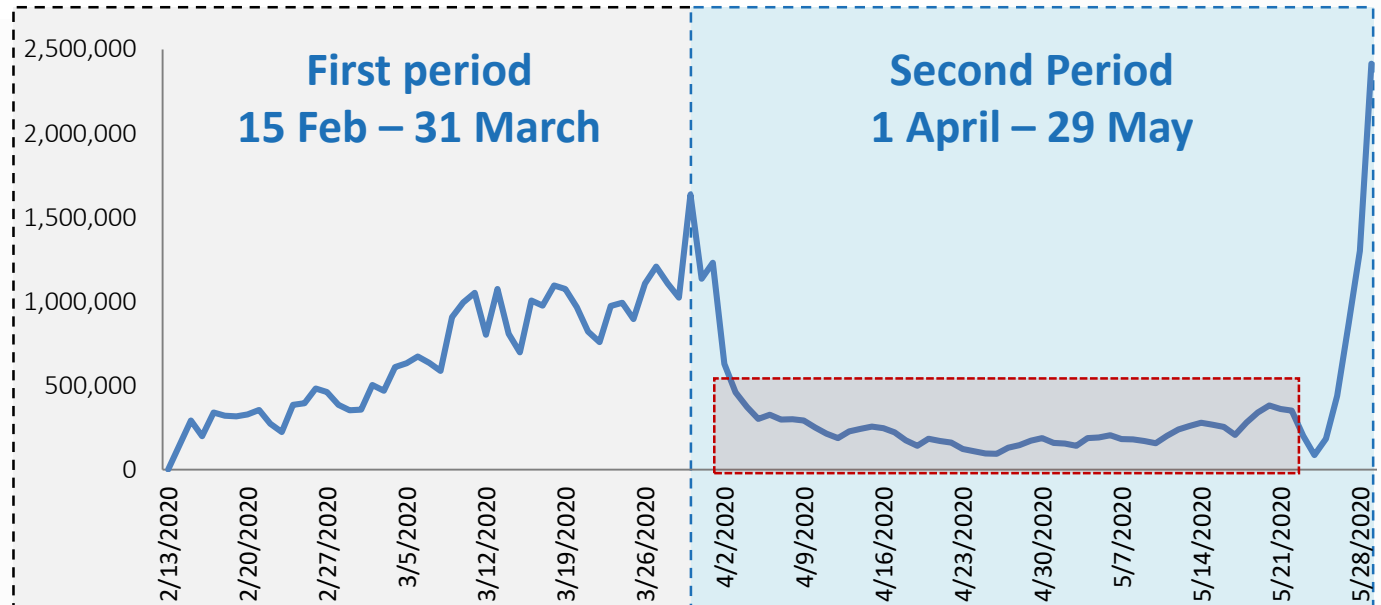
#MencatatIndonesia



DAILY ONLINE CENSUS RESPONSE RATE



51,36 million of Indonesian



ADJUSTMENTS OF PC2020

Due to Covid-19 Outbreak

INITIAL PLAN

ADJUSTED IMPL

RESULTS/EFFECTS

Online Census

15 February 2020 – 31 March 2020

15 February 2020 – 29 May 2020

Response:
51,36 Mill people (19,05%)

Full Field Enumeration

Period: July 2020

Period: September 2020

Face-to-face interview at all areas:

- ✓ CAPI
- ✓ PAPI

3 zones:

- ✓ Zone 2 (74,76%): *Ground check*
- ✓ Zone 1 (23,72%): *Ground check + DOPU*
- ✓ Zone 3 (1,52%): *Ground check + Interview*

Limited variables in Zone 2

Number of field enumerators: +/- 400,000

Number of field enumerators: +/- 208,000

Face-to-face training

Distance learning: e-learning & indep learning

Field officer logistics: Vest, Backpack and office supplies

Field officer logistics: Vest, Backpack and office supplies + PPE (*face mask, face shield, gloves, hand sanitizer, and rapid test*)