Sensus Penduduk 2020

THE IMPACT OF COVID-19 PANDEMIC ON THE IMPLEMENTATION OF INDONESIA'S 2020 POPULATION CENSUS

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BRIEF OVERVIEW OF INDONESIA'S 2020 POPULATION CENSUS

Indonesia's Population Census 2020 (PC2020)
Is the 7th Population Census

LEGAL BASE

Law No. 16 Year 1997
Statistics

Govt. Reg. No. 51 Year 1999
Statistical Governance

UN Recommendation 2017
World Population and Housing Programme

"It is recommended that a national census be taken at least every 10 years"
(Principles and Recommendations for Population and Housing Censuses, Revision 3)

ONE Data Indonesia
Presidential Decree No. 39 of 2019

National Acceleration Strategy Population Administration for Development of Vital Statistics
Presidential Decree number 62 of 2019

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)

2020 INDONESIAN POPULATION CENSUS: COMBINED METHOD

Using administrative population data from the Directorate General of Civil Registration/Ministry of Home Affairs (MOHA) as the basis of conducting 2020 Population Census

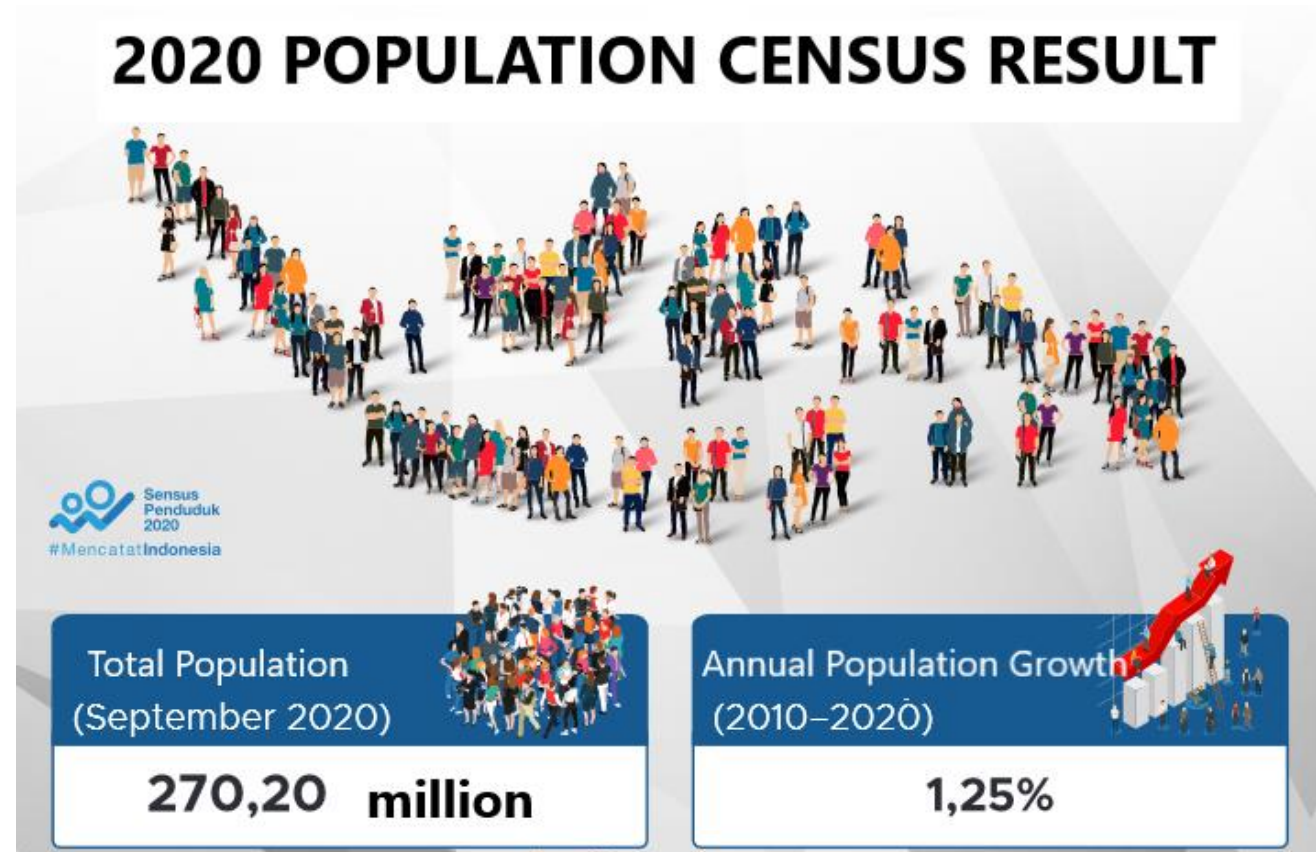**DATA COLLECTED IN PC2020:
12 SAME VARIABLES WITH MOHA DATA**

- ❏ *Name*
- ❏ *Personal ID Number*
- ❏ *Family Serial Number*
- ❏ *Address*
- ❏ *Sex*
- ❏ *Place and Date of Birth*

- ❏ *Nationality*
- ❏ *Religion*
- ❏ *Relationship Status on Family*
- ❏ *Marital Status*
- ❏ *Education*
- ❏ *Job*

INDONESIA'S 2020 POPULATION CENSUS:
TWO APPROACHES OF DATA COLLECTION

PC2020 used two approaches:
- Online census
- Field enumeration

Resident Response Rate

19,05%

Of Indonesia Total Population

Total Population participated in Online Census:

51,36 Million Peoples

2020 POPULATION CENSUS RESULT

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Total Population (September 2020)

270,20 million

Annual Population Growth (2010–2020)

1,25%

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COVID-19 IMPACT ON 2020 POPULATION CENSUS IMPLEMENTATION

World Health Organization

30 January 2020

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

11 March 2020

Coronavirus Disease (COVID-19) declared as *pandemic*

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

INDONESIA RESPONSE

29 February 2020

National Disaster Management Agency, BNPB

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

COVID-19 PANDEMIC AND GOVERNMENT'S POLICY RESPONSE

- **Indonesian Government cut budget allocation of most government institutions to be allocated for Covid-19 mitigation**

  > To respond Covid-19, the government cut PC2020 budget substantially
  > - ✓ Approximately from USD 278 Million* → **USD 69 Million**
  > - ✓ USD 1.03/capita → **USD 0.26/capita**
  > ***** USD 1 = IDR 14.500.-

- **Government implemented several restriction policy to prevent the spreading of covid-19 pandemic**
  - ➢ Implementation of Large-Scale Social Restriction (schools, workplaces, religious activities, social-cultural activities, activities in public, modes of transportations, and other activities) during March –May 2020
  - ➢ Implementation of Restriction on Social Activities in July 2020

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IMPACT OF GOVERNMENT'S POLICY RESPONSE TO COVID-19 ON 2020 POPULATION CENSUS IMPLEMENTATION

Schedule of Implementation

2020 PC Business Processes/Governance

PC2020 Outputs

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ADJUSTMENTS MADE IN 2020 POPULATION CENSUS IMPLEMENTATION

ADJUSTMENT ON THE SCHEDULE OF 2020 POPULATION CENSUS IMPLEMENTATION
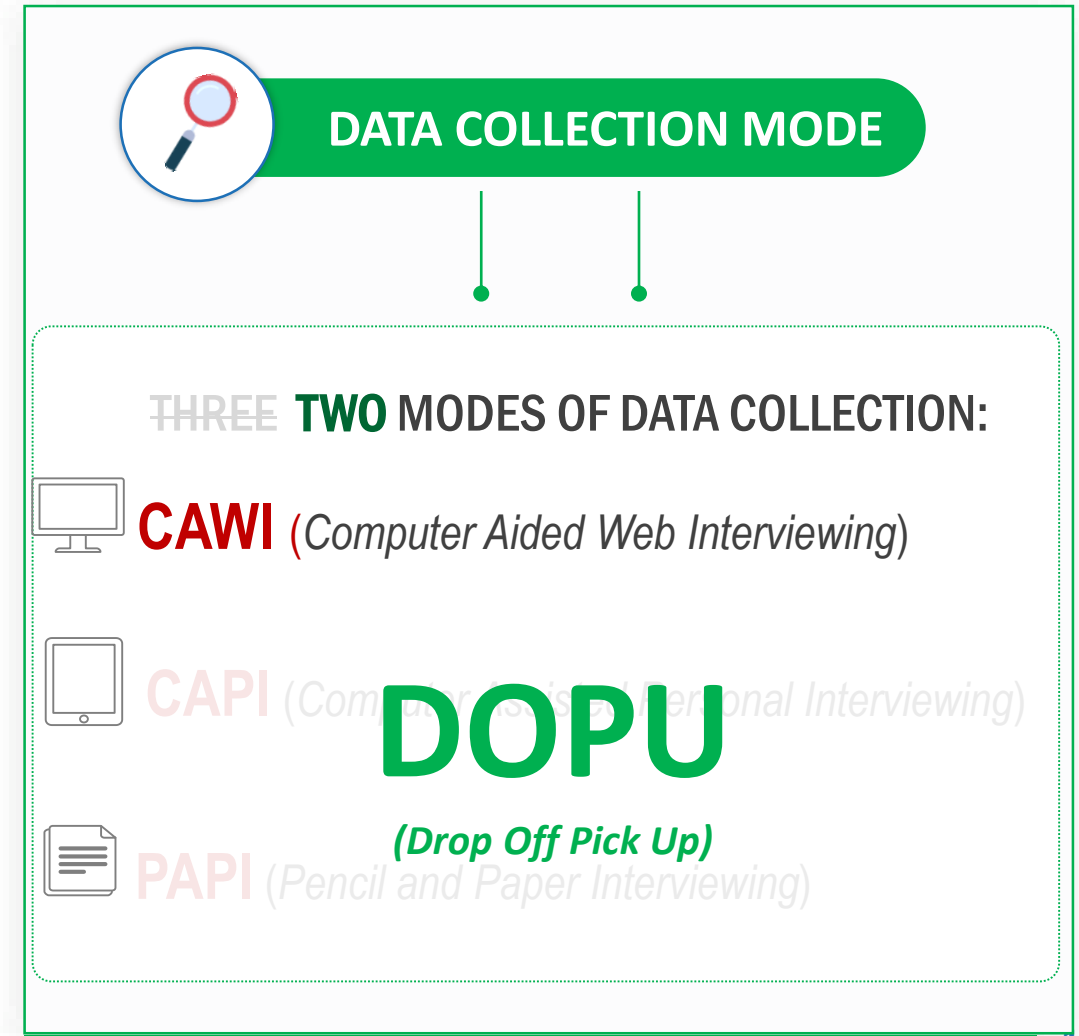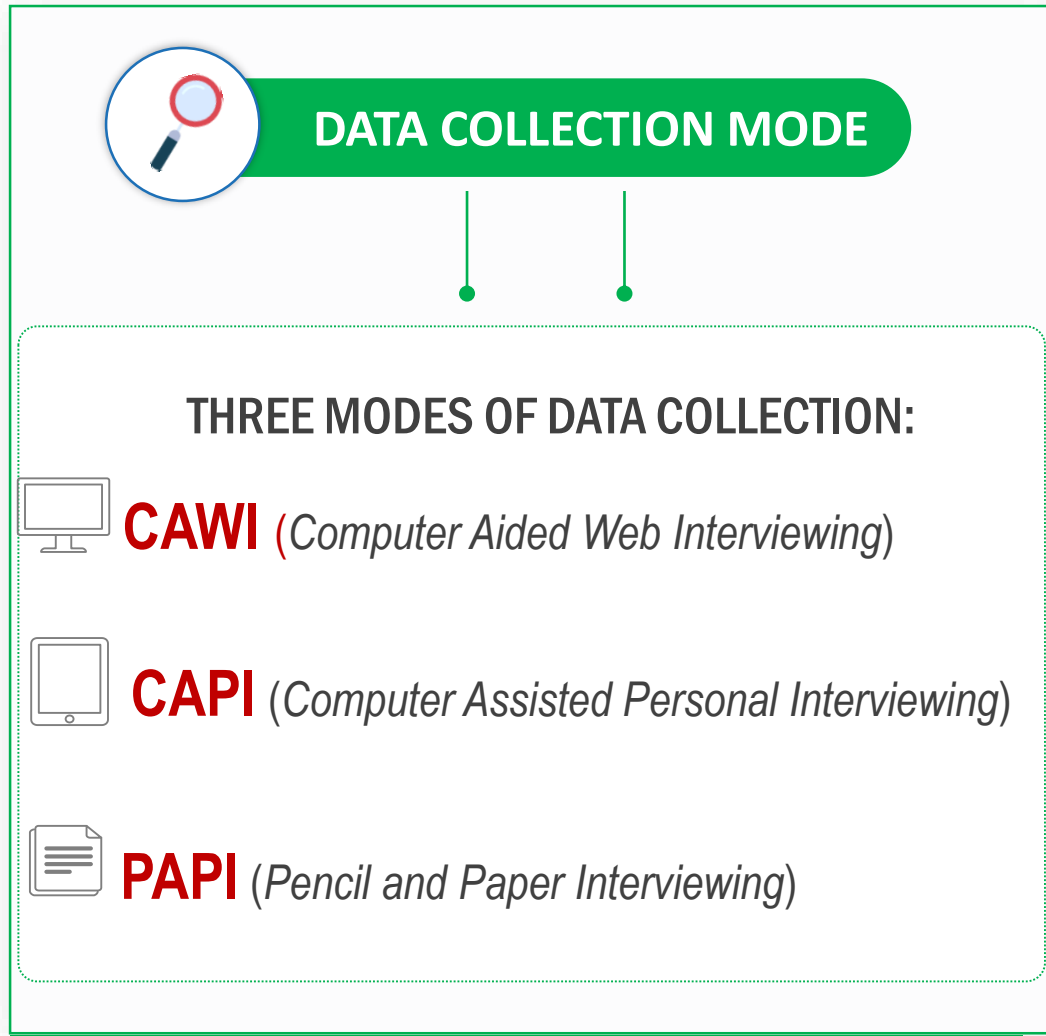
INITIAL PLAN OF SCHEDULE

✓ **Phase 1: Full enumeration (Short Form Population Census)**

   a. **Online census**
      (15 February – 31 March 2020)

   b. **Face-to-face interviewing**
      (1- 31 July 2020)

✓ **Phase 2:**
Indepth Survey/Long Form (2021)

ADJUSTED SCHEDULE

✓ **Phase 1: Full enumeration enumeration (Short Form Population Census)**

   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/Long Form (2022)

ADJUSTMENT ON DATA COLLECTION MODES
FOR 2020 POPULATION CENSUS

DATA COLLECTION MODE

THREE MODES OF DATA COLLECTION:

🖥 **CAWI** *(Computer Aided Web Interviewing)*

📱 **CAPI** *(Computer Assisted Personal Interviewing)*

📄 **PAPI** *(Pencil and Paper Interviewing)*

DATA COLLECTION MODE

~~THREE~~ **TWO** MODES OF DATA COLLECTION:

🖥 **CAWI** *(Computer Aided Web Interviewing)*

📱 **CAPI** *(Computer Assisted Personal Interviewing)*

DOPU
(Drop Off Pick Up)

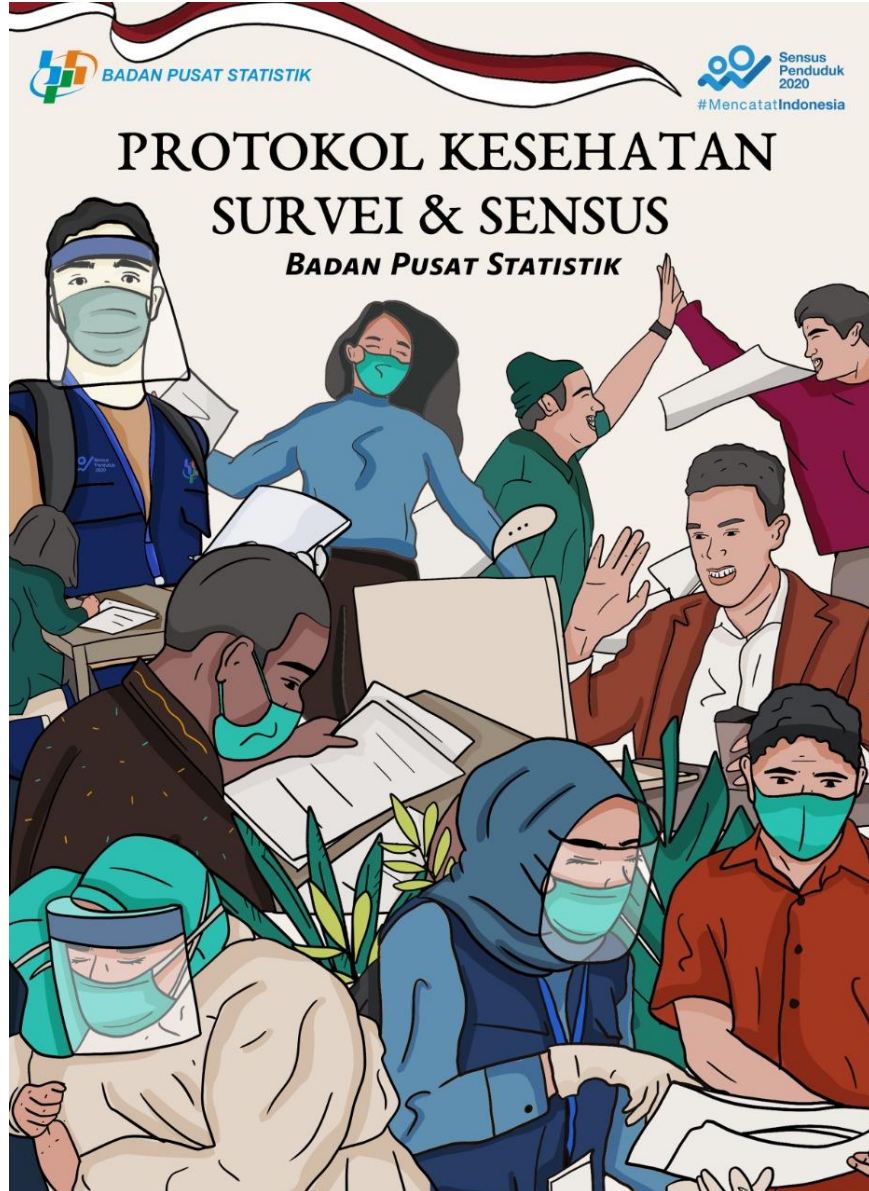📄 **PAPI** *(Pencil and Paper Interviewing)*

New Governance of 2020 Population Census

- Strict health protocol

- Adjustment in mode of learning

- Implementation of zoning regions and its data collection mode

IMPLEMENTATION OF STRICT HEALTH PROTOCOL

2020 Population Census Officer wearing/using

Masker

Face shield

Disposable gloves

Hand Sanitizer

Untuk tetap menjaga kesehatan dan keselamatan dari petugas sensus dan responden, petugas sensus mengenakan masker, *face shield,* sarung tangan, dan *hand sanitizer* serta menerapkan *physical distancing* saat bertemu responden.

New Business Process Testing
10 Provinces

Once we have a standard health protocol, we think of a new process business for carry on with our census. On a very limited time and budget, with strict health protocols, we conduct testing of our new business process at 10 provinces.
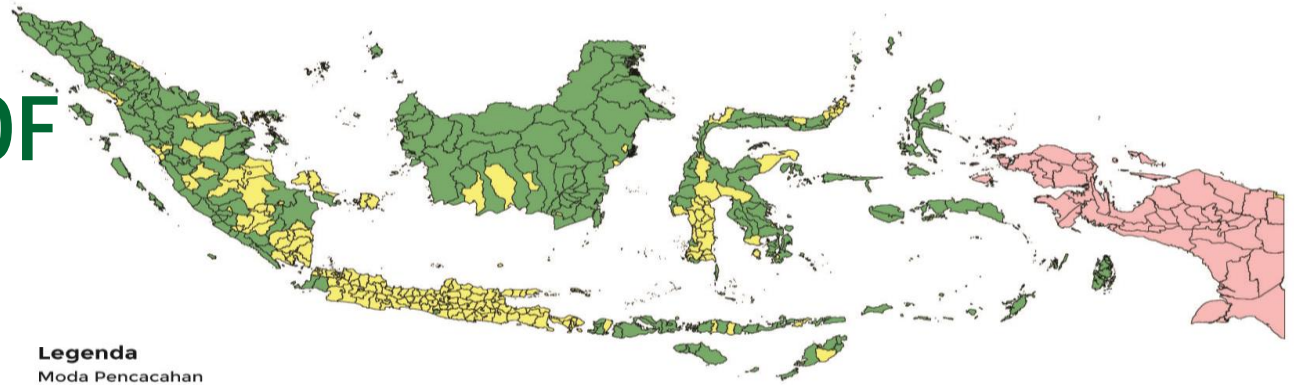
Aceh
Aceh Jaya

Kalimantan Barat
Kubu Raya

Gorontalo
Gorontalo Utara

Papua Barat
Sorong Selatan

Lampung
Lampung Timur

DKI Jakarta
Jakarta Pusat

Banten
Pandeglang

Jawa Barat
Bandung

Bali
Gianyar

Nusa Tenggara Timur
Kupang

LEARNING MODE ADJUSTMENT

❑ *From face-to-face to virtual learning*

❑ *Independent learning*

❑ *Utilizing TV, Radio and Youtube/Podcast*

❑ *Utilizing Whatsapp/Kaizala for discussion and communication*

ZONING REGIONS AND MODE OF DATA COLLECTION
(PC2020 – SEPTEMBER 2020)

Legenda
Moda Pencacahan

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

ADJUSTMENT ON OUTPUTS

Zone 1 & 3

Outputs from Population Register (2020)

Population of Indonesia by:
- ✓ Sex
- ✓ Residence status (address, exixtence, etc)
- ✓ Ownership of Person ID

Zone 2

Outputs from Population Register (2020)

Population of Indonesia by:
- ✓ Sex
- ✓ Residence status (address, exixtence, etc)
- ✓ Ownership of Person ID

✅ **(no changes)**

Outputs from Short Form Quest (2020)

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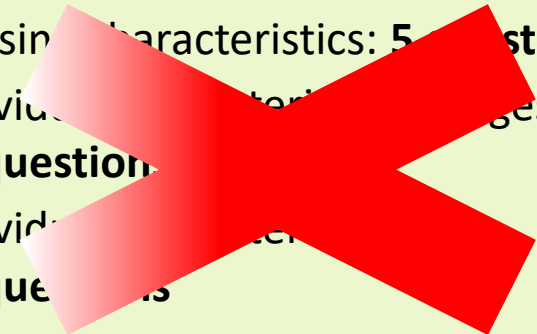- ✓ Individual characteristics 5+: **17 questions**

≠

Outputs from Short Form Quest (2020)

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

3

LESSONS LEARNED

Need New Strategies

- *Redesigning the Questionnaire : Interviewing → Self Filling*

- *Simplification of business processes: reducing face-to-face interaction time → self enumeration (drop off and pick up questionnaire)*

- *Simplify field operation → Recruiting less census takers*

- *Make optimal use of administrative data and use standard statistical techniques for data imputation*

- *Strong coordination with all government agencies up to village level.*

- Strong legal basis is a must.

- Safety is number ONE priority.

- Monitoring progress is essential.

- Testing new method/business process should be carried before implementing new method.

- Post Enumeration Survey (PES) should be conducted for key indicators to assure the quality of census.

BADAN PUSAT STATISTIK

THANK YOU

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