



2020
POPULATION
CENSUS



STATISTICS INDONESIA

Picture by Apelphtography

INDONESIAN 2020PC

ELECTRONIC DATA COLLECTION

2020 INDONESIAN POPULATION CENSUS



will be the...

7th

1961

1971

1980

1990

2000

2010

2020

TRADITIONAL
METHOD

COMBINED
METHOD

LEGAL BASIS OF 2020PC



LAW NO. 16 OF 1997

THE STATISTICAL ART



BPS-Statistics Indonesia is obliged to conduct population census, at least once in 10 years



SATU DATA INDONESIA

ONE DATA POLICY

The policy is to improve data quality and eliminate data duplication between institution

There are several population data sources in Indonesia, **the 2020 Population Census could be a starting point to establish "One Indonesian Population Data"**

UN RECOMMENDATION



Recommended by the United Nations through **Principles and Recommendations for Population and Housing Censuses**



CIVIL REGISTRATION AND VITAL STATISTICS

Integration of population data from the Population Administration Information System and the Population Census.



2020PC: COMBINED METHOD



Some individual or household information was obtained from population administration data from the Directorate General of Civil Registration, Ministry of Home Affairs

Population administrative data is used as a prelist which will be corrected or updated through 2020PC

Enumeration is done to complete civil registration and produces vital statistics



GOAL OF 2020PC

PROVIDES DATA ON THE NUMBER,
COMPOSITION, DISTRIBUTION AND
CHARACTERISTICS OF THE INDONESIAN
POPULATION TOWARDS



ONE POPULATION DATA
In Indonesia





OUTPUT OF 2020PC



1 **Data on the number, composition, distribution and characteristics of the Indonesian population** towards one population data in Indonesia

2 **Sampling frame** for socio-economic surveys

3 **Data on demographic parameters/indicators (fertility, mortality, migration) and other population characteristics** for population projection purposes, SDGs indicators, and for planning and evaluation of development

○
2020



○
2021

2020PC INNOVATION



Use combined method

By utilize population administrative data as population census database



Consider the interests of Ministries/Institutions related to population and housing data



Encourage active participation of people through **self enumeration** census independently



Multimode data collection:
CAWI, CAPI and PAPI



2020PC BUSINESS PROCESS



1 COORDINATION AND CONSOLIDATION

Coordination and Socialization of PC2020 activities with relevant stakeholder for supporting and collaboration for PC2020

2 PREPARATION OF BASIC DATABASE

Preparation of population administrative database as a basis for self enumeration (CAWI)

Output: Basic population database according to smallest administrative area (SLS)

3

SELF ENUMERATION (CAWI¹)

Output: Population database based on local smallest administrative unit (SLS) independent data collection result

GENERATE STATISTICAL PEOPLE REGISTER (SPR) 4

Form the population list based on population administrative data that has been updated as prelist for the field enumeration

Output: Population List (SP2020-DP) based on local smallest administrative unit (SLS)

Each individual complete the data collection independently through:

- Link sensus.bps.go.id
- People will be asked to conduct self enumeration
- Institutional approach: Civil Servant, Student (Senior/Vocational High School) dan College Student (Public/Private University) through socialization with letter

FIELD ACTIVITY

5 VERIFICATION OF SPR ASSISTED BY SLS² COMMITTEE

Verification of the population listed in population administrative data that has been updated as prelist

Output: Population List (SP2020-DP) based on local smallest administrative unit (SLS) which is already verified

6 GROUND CHECK WITH THE SLS² COMMITTEE

1. The field officers with the head of local smallest administrative unit (SLS) do the field checking for new residents and for the those in list whose existence are doubtful in that SLS.
2. The field officers will give number for each house/building in that SLS.
3. The field officers draws the building numbers on the SP2020-WS map

7 FIELD ENUMERATION

1. The enumeration of the residents who are NOT listed in Population List (DP) and did not do the self enumeration
2. The field officers conduct enumeration of residents with SP2020-C1 questionnaire by visiting door-to-door using CAPI (Bring Your Own Device gadget) or PAPI

¹ Computer Aided Web Interviewing

² Local Smallest Administrative Area

TIME SCHEDULE OF 2020PC



SELF ENUMERATION (CAWI)

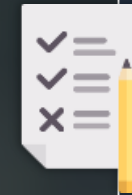
- The people will be asked to conduct self enumeration through: sensus.bps.go.id
- Periodic evaluation of self enumeration



July 2020

FIELD ENUMERATION (SAMPLE)

Collection of population and housing information to produce various demographic parameters and other social indicators. (82 Variables)



February-March
2020

July 2021

FIELD ENUMERATION



CENSUS DATE

- ▶ Verification of SPR
- ▶ Ground check
- ▶ CAPI and PAPI



Picture by deepan raj deepan

Chapter 3D

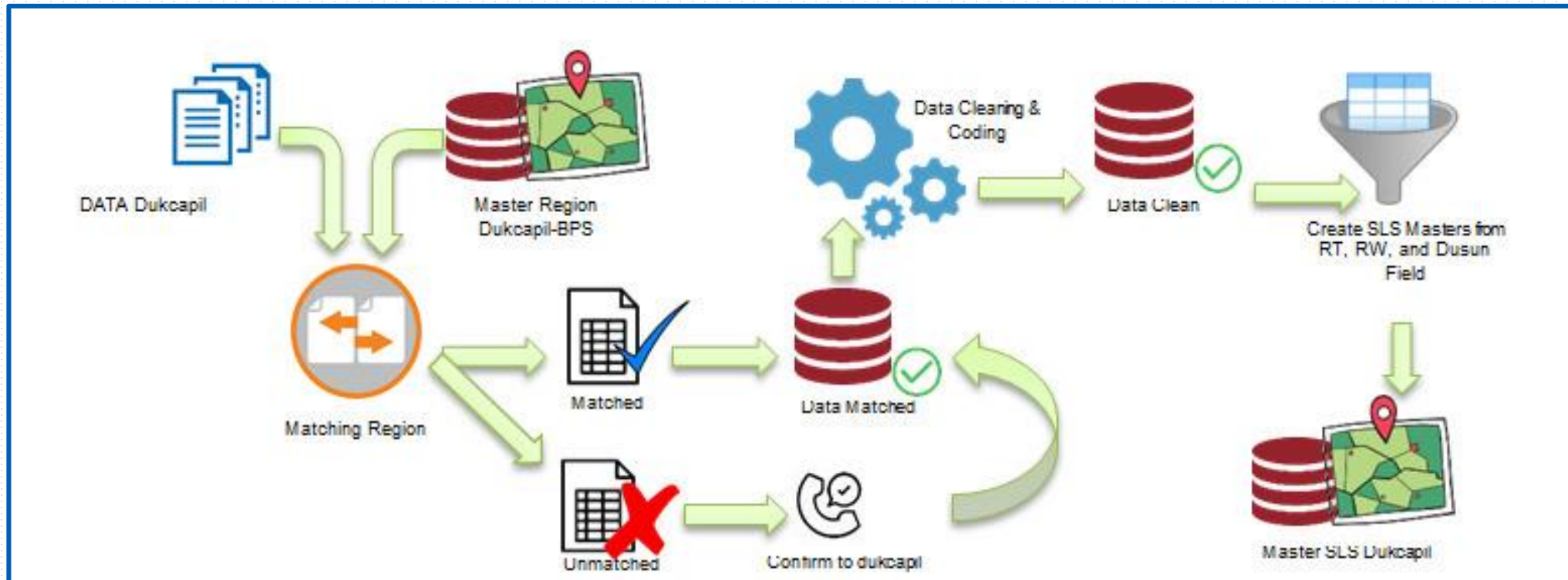
THE UTILIZATION OF ELECTRONIC DATA COLLECTION IN 2020PC





2 PREPARATION OF BASIC DATABASE

DATA CLEANSING PROCESS

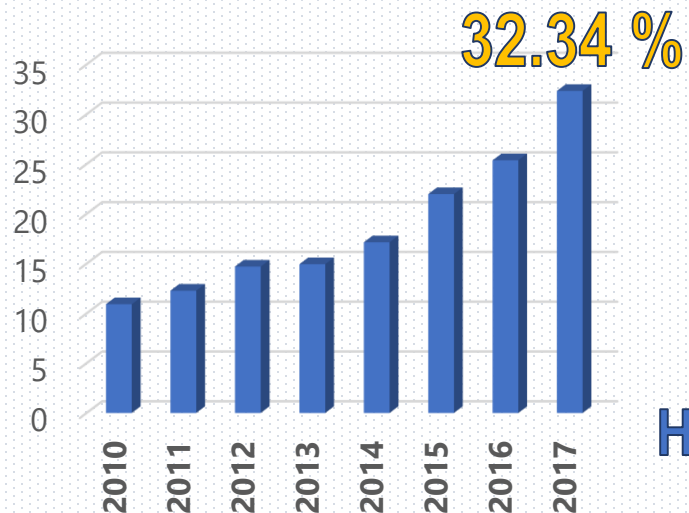




3 SELF ENUMERATION



INTERNET LITERACY

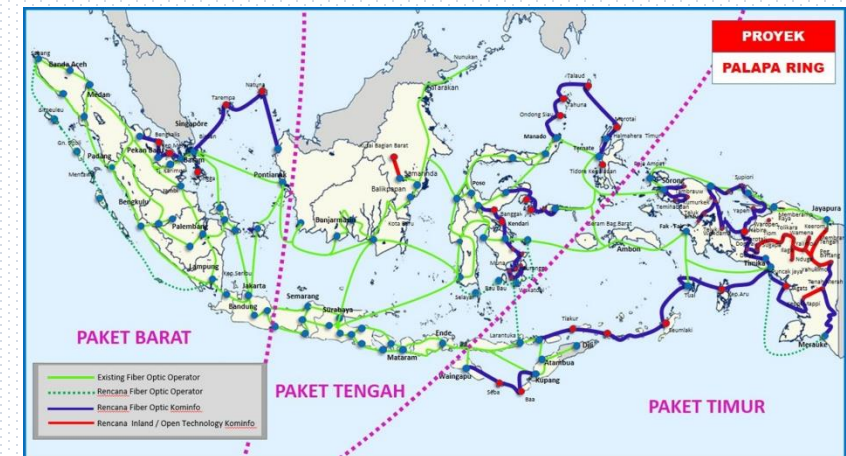


Population aged 5 years and over who ever access internet in the last 3 months
Source: National Socio-Economic Survey

TOP 5 COUNTRIES WITH HIGHEST NUMBER OF INTERNET USERS

Source: Miniwatts Marketing Group
www.internetworldstats.com/

PALAPA RING



In 2020, almost all villages in Indonesia will have internet network infrastructure through Palapa Ring project



3 SELF ENUMERATION



Indonesia | English

SENSUS PENDUDUK 2020

Masukkan NIK dan Token

NIK:

Token:

Captcha: 8893

Masuk

SENSUS PENDUDUK ONLINE

Bapak/Ibu/Sdr/IYth, Dalam rangka kegiatan Sensus Penduduk 2020, Badan Pusat Statistik bekerjasama dengan Kementerian Dalam Negeri akan melakukan pendataan penduduk (sensus) secara online. Anda diharapkan melakukan pengisian data anda dan keluarga secara mandiri melalui website ini.

Informasi yang anda berikan akan dijamin kerahasiaannya berdasarkan Undang Undang Nomor 16 Tahun 1997 tentang Statistik. Partisipasi anda akan membantu pemerintah mendapatkan data kependudukan yang akurat dan mutakhir sehingga pelayanan kependudukan dan pembangunan akan semakin lebih baik.

BADAN PUSAT STATISTIK
(BPS - Statistics Indonesia)

Jl. Dr. Sutomo 6-8 Jakarta 10710 Indonesia, Telp (62-21) 3841195, 3842508, 3810291, Faks (62-21) 3857046, Mailbox : bps@bps.go.id

SENSUS PENDUDUK 2020

MENU

Indonesia | English KELUAR

Beranda

Keterangan Keluarga

Daftar Anggota Keluarga

Daftar Individu

BUDI SULISTYO

RONDYAH

FERDIAN SYAH

EVA DESITASARI

Atur daftar keluarga

Konfirmasi

Daftar Anggota Keluarga

Pastikan keberadaan dan status hubungan dalam keluarga setiap anggota keluarga Anda.

Apabila ada anggota keluarga yang baru, misal bayi, orang lain yang sudah tinggal 1 tahun atau belum 1 tahun tetapi sudah berniat menetap di keluarga ini, tambahkan dengan menekan tombol "Tambah anggota Keluarga" dibawah.

Nomor Kartu Keluarga : 10101010102040

No	Nama Lengkap	Keberadaan	Status Hubungan dalam keluarga
1	BUDI SULISTYO NIK : 1010101010103963	ada	Kepala Keluarga
2	RONDYAH NIK : 1010101010103961	ada	Istri
3	FERDIAN SYAH NIK : 1010101010103964	ada	Anak
4	EVA DESITASARI NIK : 1010101010103962	ada	Anak

+ Tambah anggota keluarga

Kembali

Halaman berikutnya

Copyright © 2020 Badan Pusat Statistik. All rights reserved. Version 2.0

- Based on **Registration Data** from Directorate General of Civil Registration, Ministry of Home Affairs
- Expected response: 22,92%**
- Using institutional approach:**
 - Government offices
 - Committee of smallest administrative area
 - College institution
 - etc.



4 GENERATE SPR



5 VERIFICATE SPR



MOBILE POSITIONING DATA

MPD is used to verify the usual residence location
by using data from Mobile Network Operator

In Indonesia, **the MSISDN** (SIM card number)
are linked integrated to National Identity
Number (NIK)

In phase 4, there will be additional **documents**
containing NIK by address obtained from MPD result



7 FIELD ENUMERATION



ENUMERATORS DATABASE

- maintain the quality of enumerators
- monitor the progress of enumerators



BRING YOUR OWN DEVICE (BYOD) FOR CAPI

Using the enumerators own personal device when they administer the census in order to efficiency the census cost

CHALLENGE ON USING ELECTRONIC DATA COLLECTION IN 2020PC





2 PREPARATION OF BASIC DATABASE



LEGAL BASIS*

Legal basis that enable the Directorate General of Civil Registration to transfer the Population Administrative Data to BPS



STANDARDIZATION OF LAU CODE AND NAME

there are some differences in LAU's code and name in Population Administration Data and the Villages Master File from BPS

***) solved through
Presidential Decree No.
62 of 2019**



3 SELF ENUMERATION



- Accessibility vs Data Quality
- Expensive CAWI infrastructure procurement
- Data traffic and server capabilities
- Data security
- Usability of CAWI after the census
- People awareness depends on socialization



4 GENERATE SPR

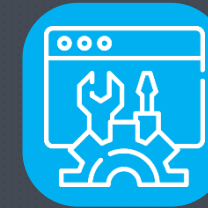


5 VERIFICATE SPR



LEGAL BASIS & MOU

transfer and integrate data
from/to MNO



REQUIRES THE DEVELOPMENT

- MPD methodology
- supporting business process

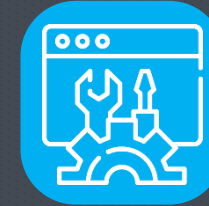


7 FIELD ENUMERATION



VARIATION OF SMARTPHONE BEHAVIOR

different OS of smartphone
has difference behavior



REQUIRES THE DEVELOPMENT

- CAPI application
- User Interface

Picture by Apelp photography



THANK YOU!



2020
POPULATION
CENSUS

“ If everyone is moving forward together,
then success takes care of itself ”

— Henry Ford