

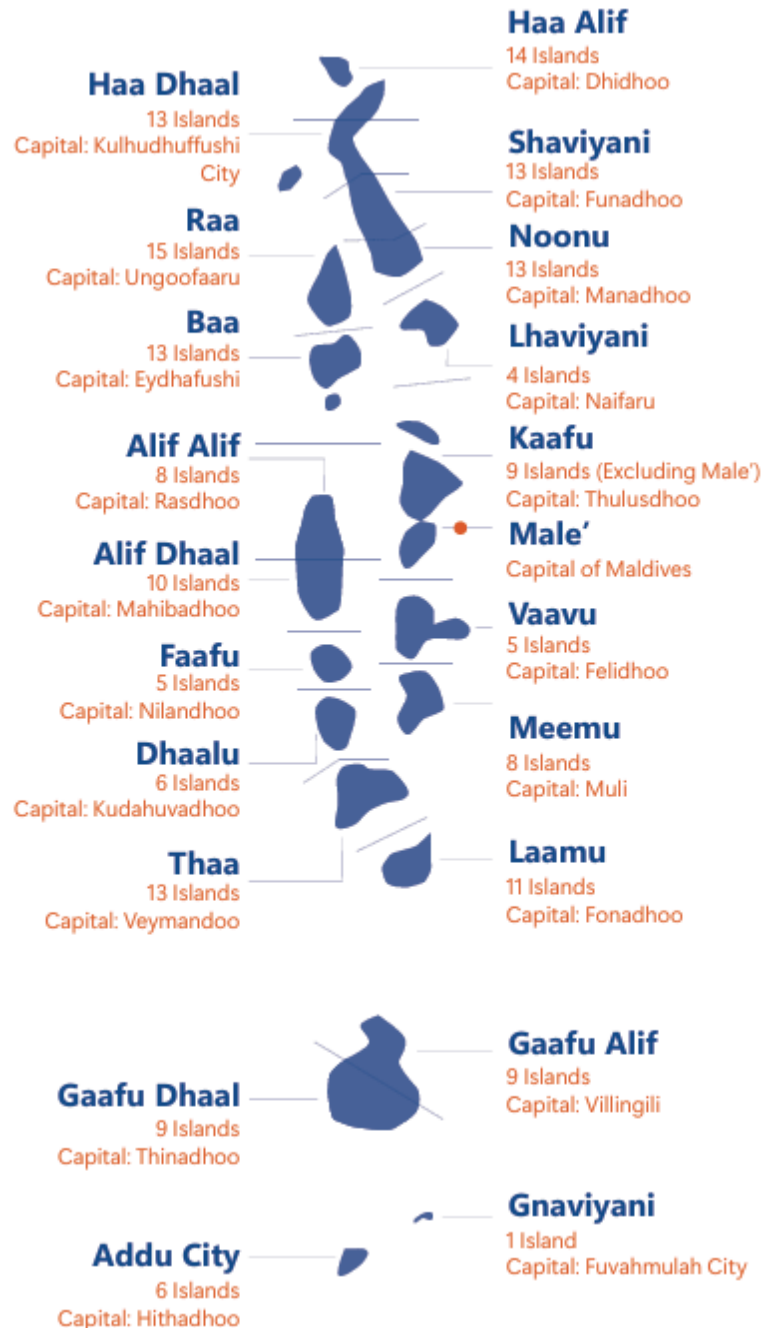
Modernizing Population and Housing Statistics through Digital and Interoperable Data Systems

Maldives Bureau of Statistics
15th Session of the OIC-STATCOM
29 September 2026

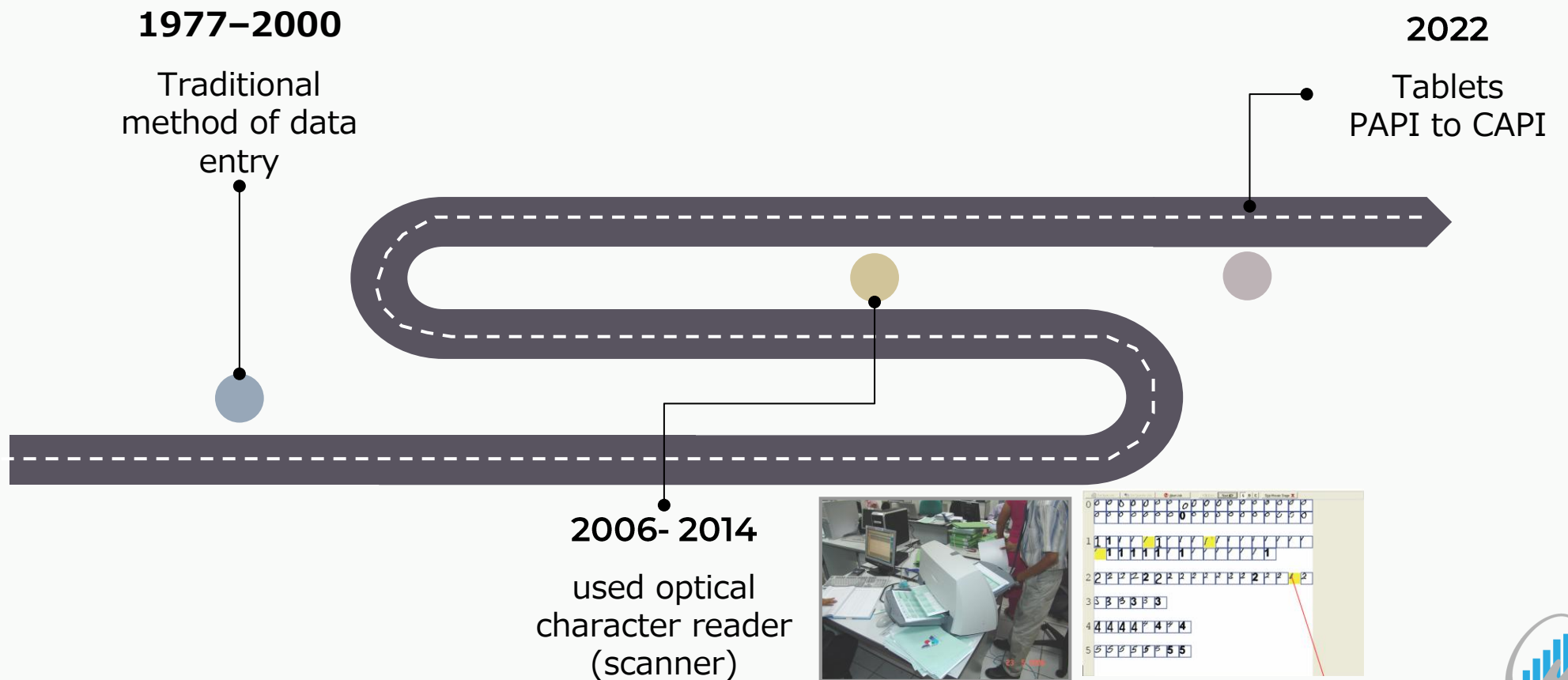


Maldives

- Located in Indian Ocean
- 1,192 coral islands
- 20 atolls
- 185 inhabited islands.
- 168 Resorts
- Resident Population: 515,132
(Census 2022).

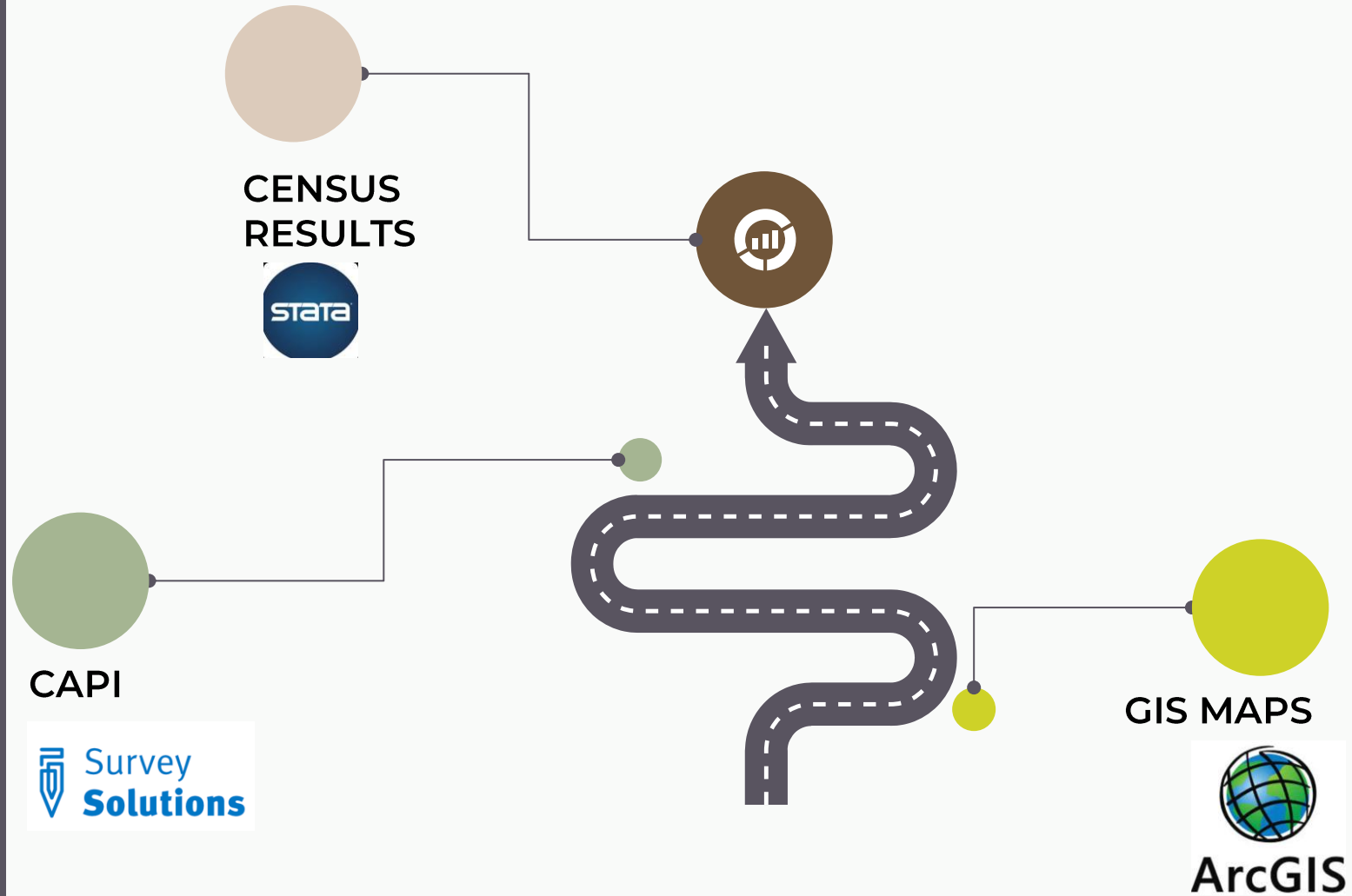


Evolution of Technology used in Census



New Technologies used in Census 2022

- GIS in mapping
- CAPI for data collection
- STATA for editing, tabulation, analysis
- GIS in dissemination



CAPI for data collection



Census Technology Upgrade (2022):

- Maldives adopted CAPI, using tablets for face-to-face interviews during the census.

Real-Time Data Entry and Monitoring:

- Enumerators directly entered data, instantly uploading it to a central server, reducing delays in data aggregation.

Training and Error Minimization:

- Training sessions ensured proper use of CAPI devices; built-in logic and validation checks reduced errors.

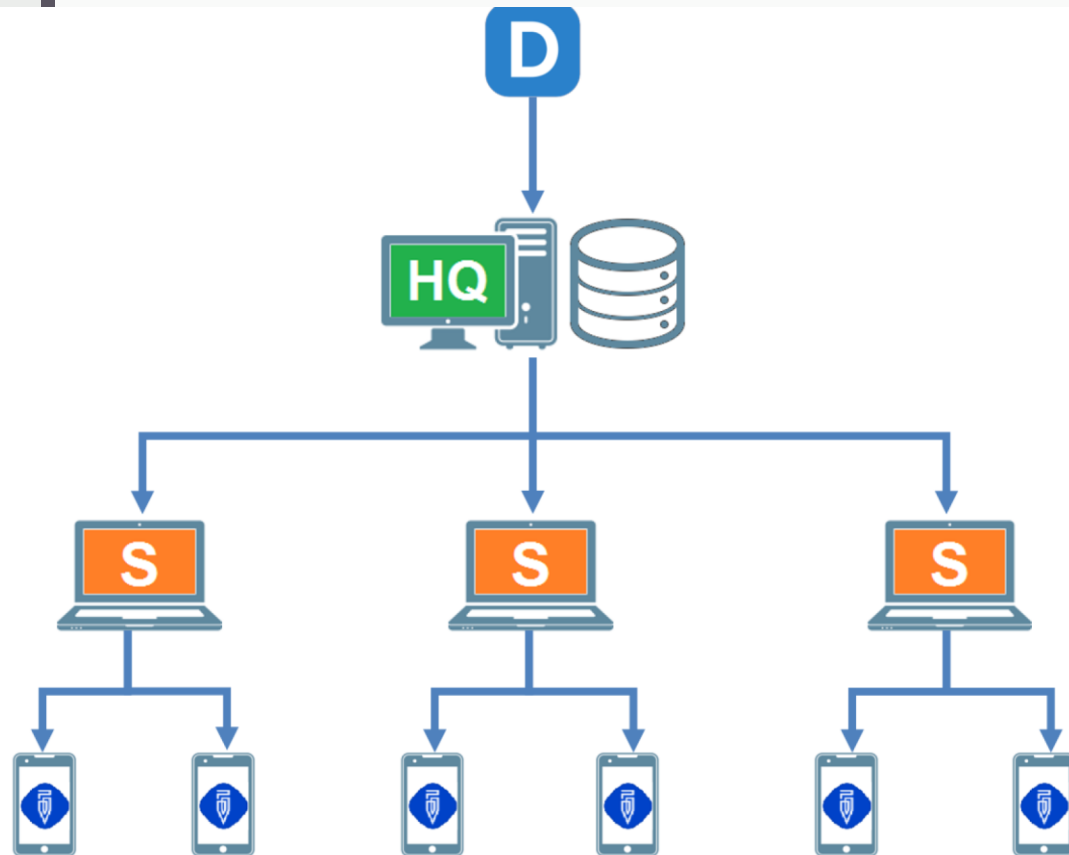
Efficient Remote Data Collection:

- CAPI enabled data collection in remote islands, with offline capabilities and later syncing.

Environmental and Logistical Benefits:

- Transition to a paperless system reduced the environmental footprint and logistical challenges.

Survey Solution hierarchy (CAPI)

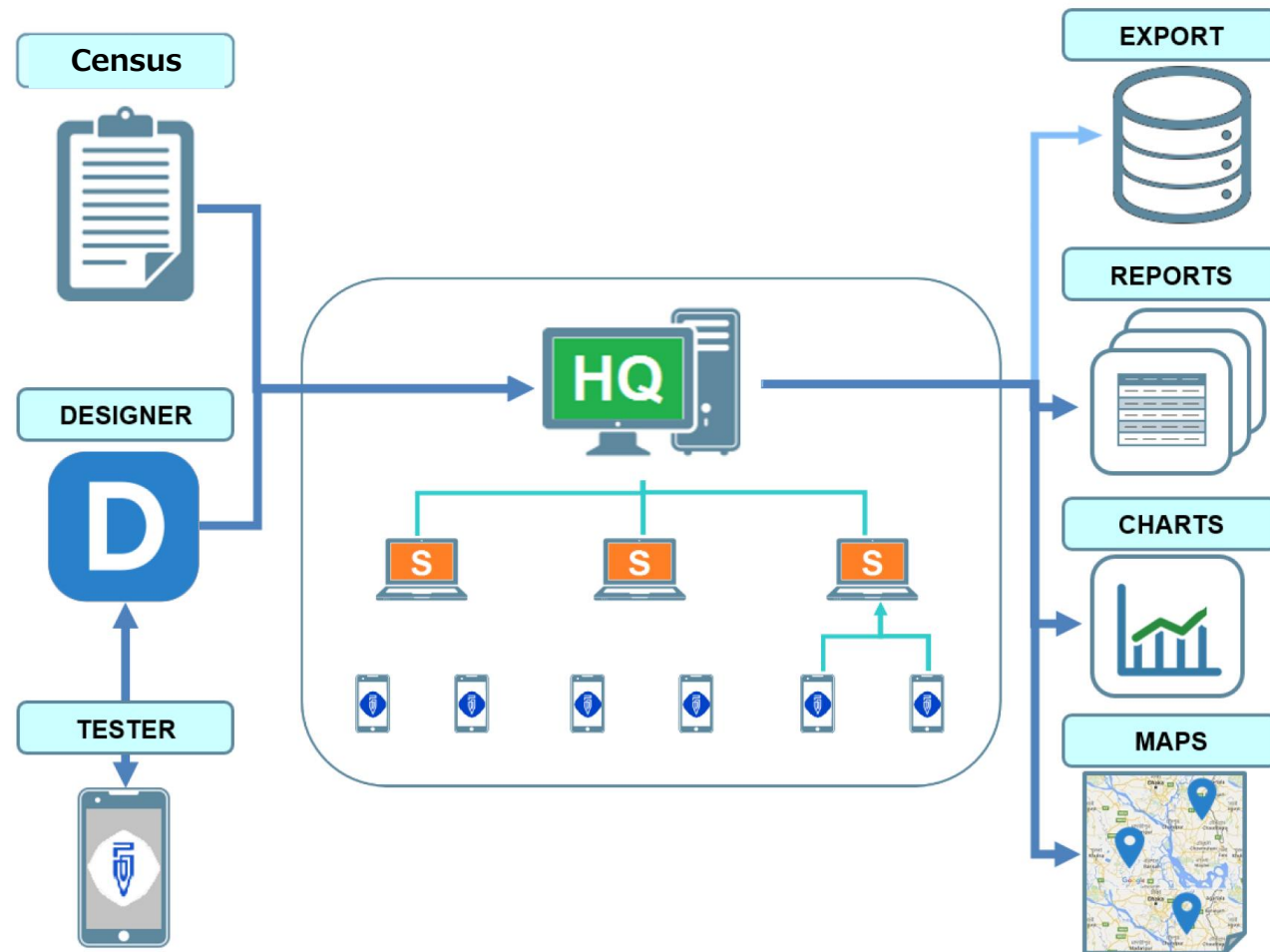


Survey Solution software operates based on assignments. An assignment contains:

- Survey questionnaire
- Responsible person
- Identifying questions
- Number of interviews
- Others

Assignment allow interviewing for census enumerations

Survey Solution- inputs and outputs (CAPI)



Survey Solution- Quality control(CAPI)

DEMOGRAPHICS /

Household members - Max Musterman

What is **Max Musterman's** sex?

☒ Male

☐ Female

What is **Max Musterman's** age?

INSTRUCTION
Record number of completed years at last birthday.

42

Does Max Musterman currently attends any school?

Which school type does Max Musterman attend?

Has **Max Musterman** worked last week?

INSTRUCTION
Include all types of work, whether official or not official. Classify positively self-employed and home workers.

☒ Yes

Household section

Which sources of water do you normally use for drinking? Start with most frequently used first!

2 ☒ Tap water

☐ Pump

1 ☒ Covered (protected) well

☐ Spring or open (unprotected) well

3 ☒ Bottled water

What is the main source of drinking water for household during an emergency?

☐ Tap water

☐ Pump

☐ Covered (protected) well

☐ Spring or open (unprotected) well

☒ Bottled water

Household location

Record location of interview.



-77.0426209, 38.8986845

Tap to record GPS

ANSWER IS INVALID

Interview location is too far from the destination! Verify the household is located correctly!

TO COMPLETE SCREEN

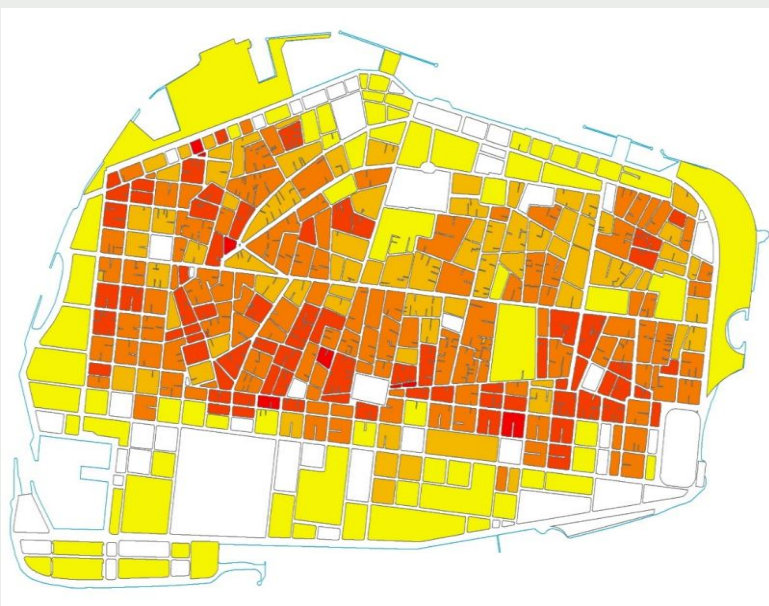
Update Maps after Census

Update census maps with collected data to correct errors and inconsistencies.

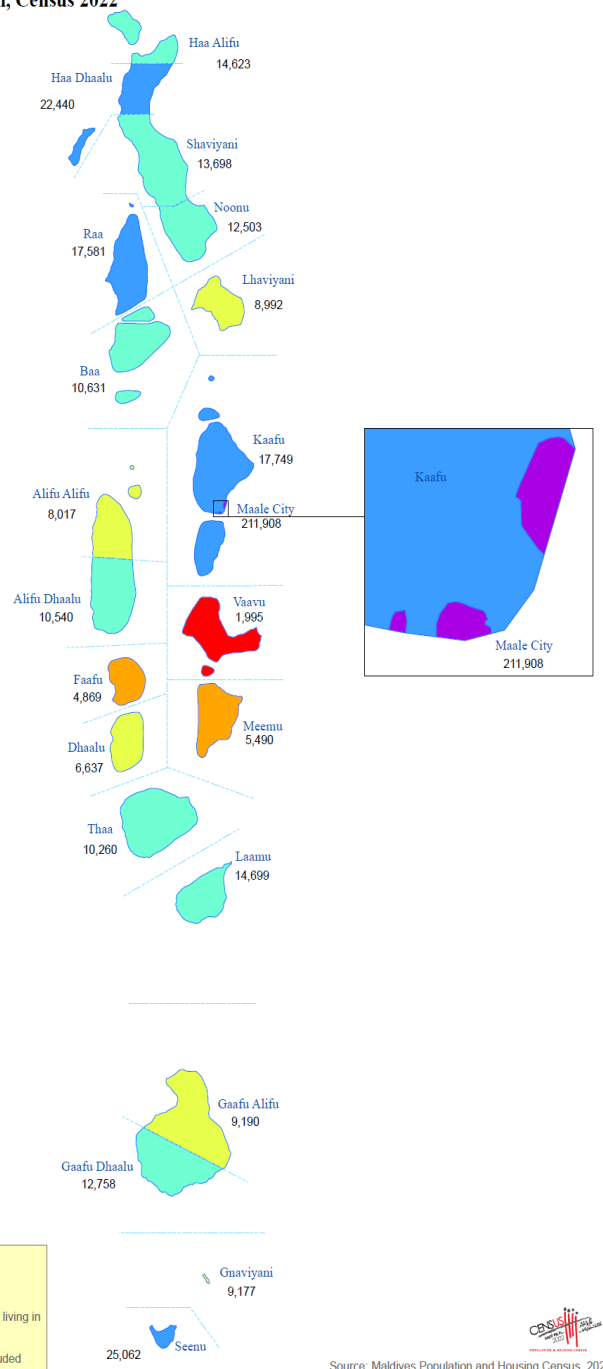
Complete the road layer for the entire country, incorporating Maale's road data by our local consultant.

Convert plot line features to polygons for improved analysis, with a few corrections remaining for finalization.

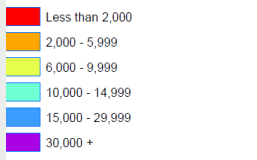
ARC GIS used in Data Dissemination



P001: Resident Population by Atoll, Census 2022



Resident Population (in numbers)



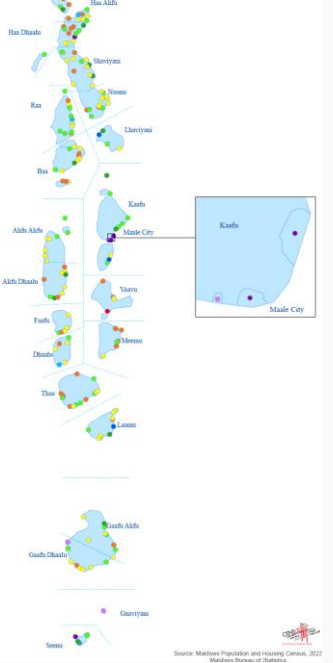
Note:
Resident population includes Resident Maldivians and Resident Foreigners.
Resident Maldivians refers to Maldivians who have been living in the Maldives for more than one year or intends to live in the Maldives for one year or more.
Maldivians who are permanently living abroad are excluded from this count.

Source: Maldives Population and Housing Census, 2022
Maldives Bureau of Statistics

RP04: Most Populated 10 Administrative Islands



RP03: Resident Population by Islands



Island Population (in numbers)



Source: Maldives Population and Housing Census, 2022
Maldives Bureau of Statistics

Maldives transition toward register-based census



Vision

To produce high-quality, timely and granular data for the population of the Maldives through register-based approaches

2025-2029

Establishing pre-requisites

2030

Combined census
“registers + full field enumeration”

2038

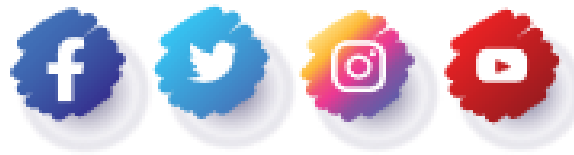
Combined census
“registers + sample surveys”

2046

Fully register-based census

Continuous inter-agency collaboration, policy level commitment and support

Thank you for listening



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<http://statisticsmaldives.gov.mv>