

Registro Estadístico de Población, Censo basado en Registros y Censo combinado

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Sistema Integrado de Registros Estadísticos y Encuestas del INE - SIREE (basado en el modelo nórdico)



Registros Estadísticos de Salarios y Actividades

Registros de Salarios
Sistema de Seguridad Social
Educación
Registro de estudiantes universitarios



Registros Estadísticos de Empresas

Registro contribuyentes (DGI, BPS)
Registro de Aduanas



Registros Estadísticos de Población

Registro de nacimientos
Registro de causas de muerte
Registro de beneficios sociales
Registro de seguridad social

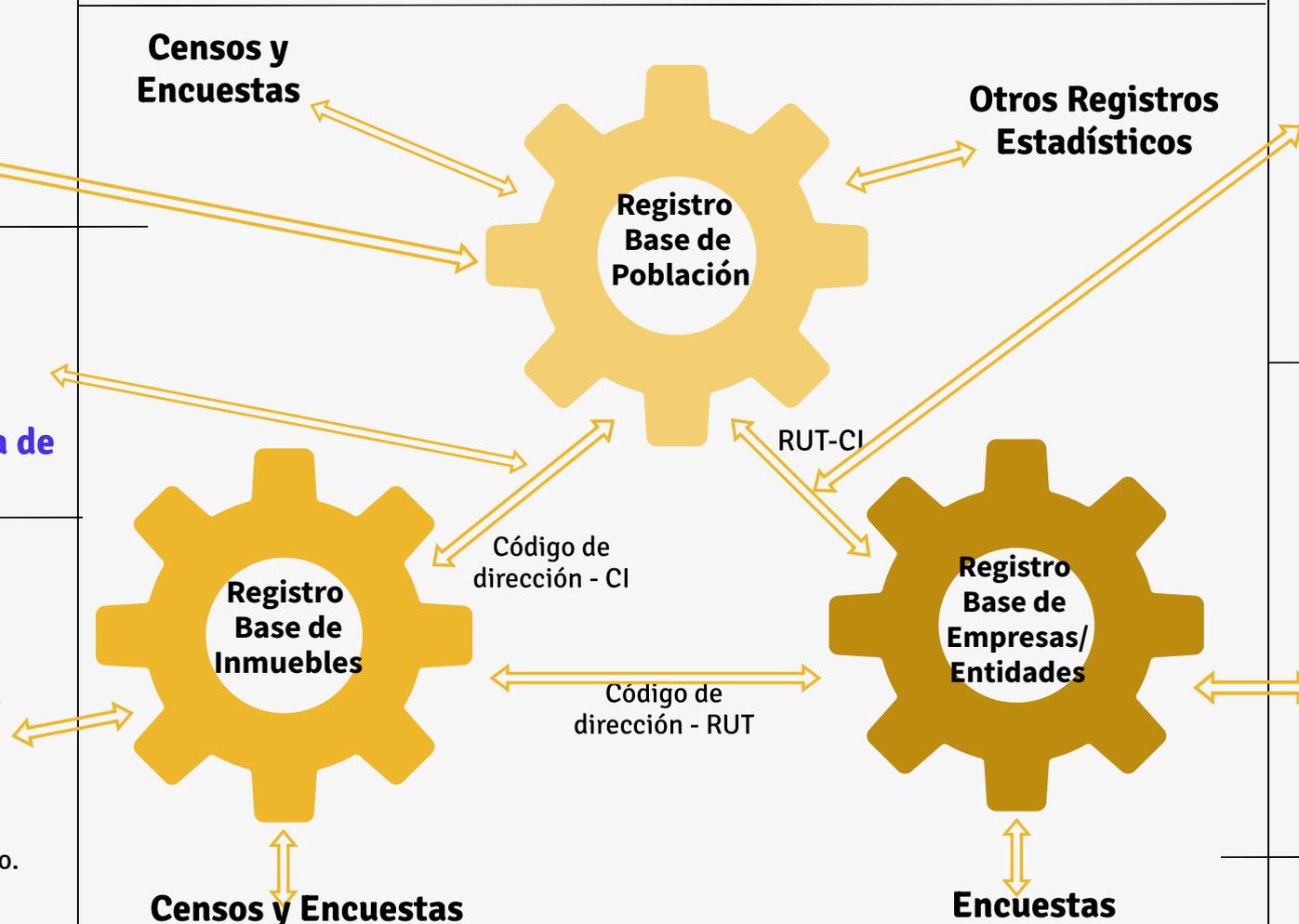


Registros de Residencia de la Población

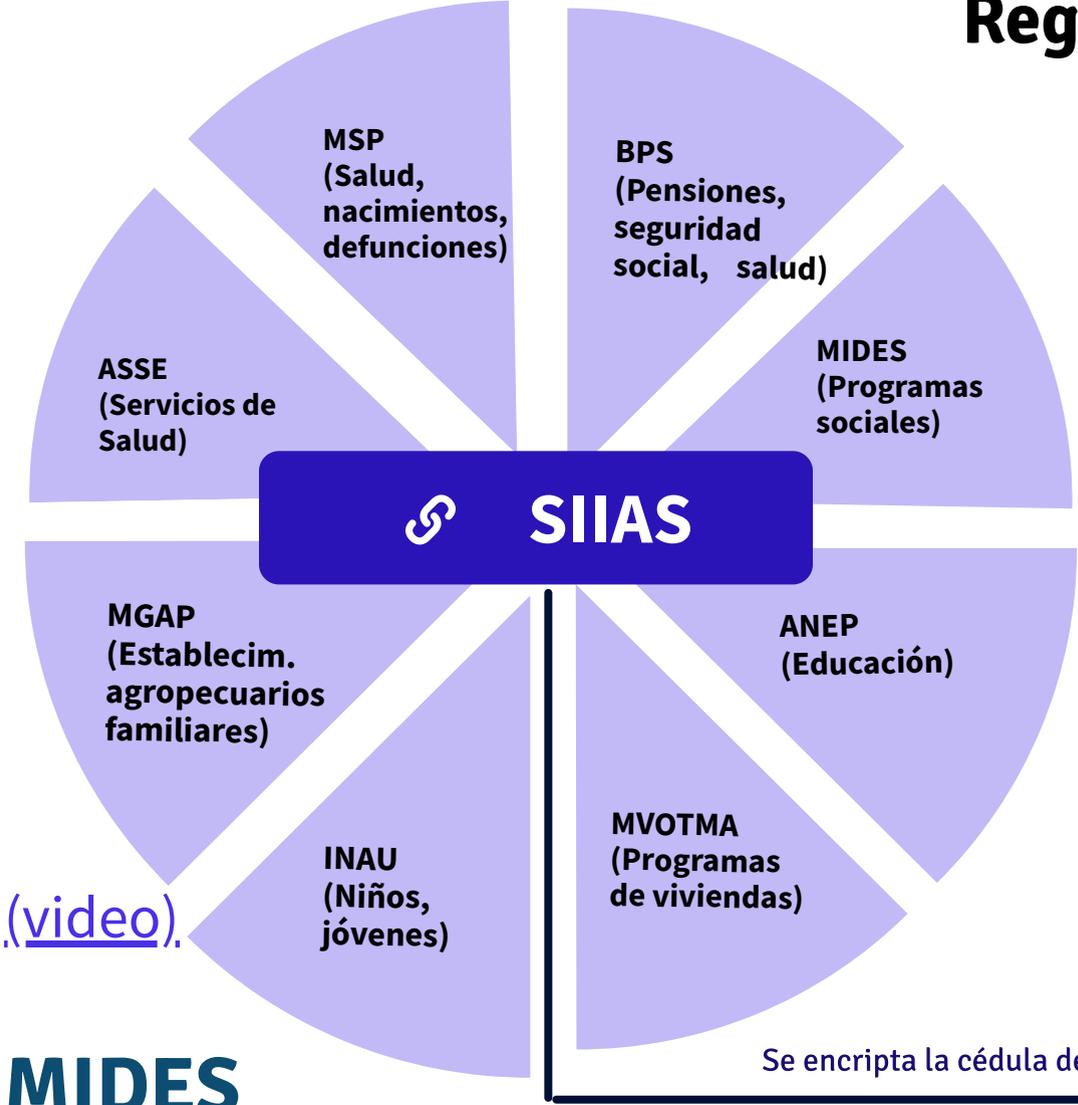


Registros Estadísticos de Inmuebles

Base de datos geográfica, GIS
Catastro
Ocupación del suelo, uso del suelo.
Registro de propiedad
Permisos de construcción
...



Registro Estadístico de Población



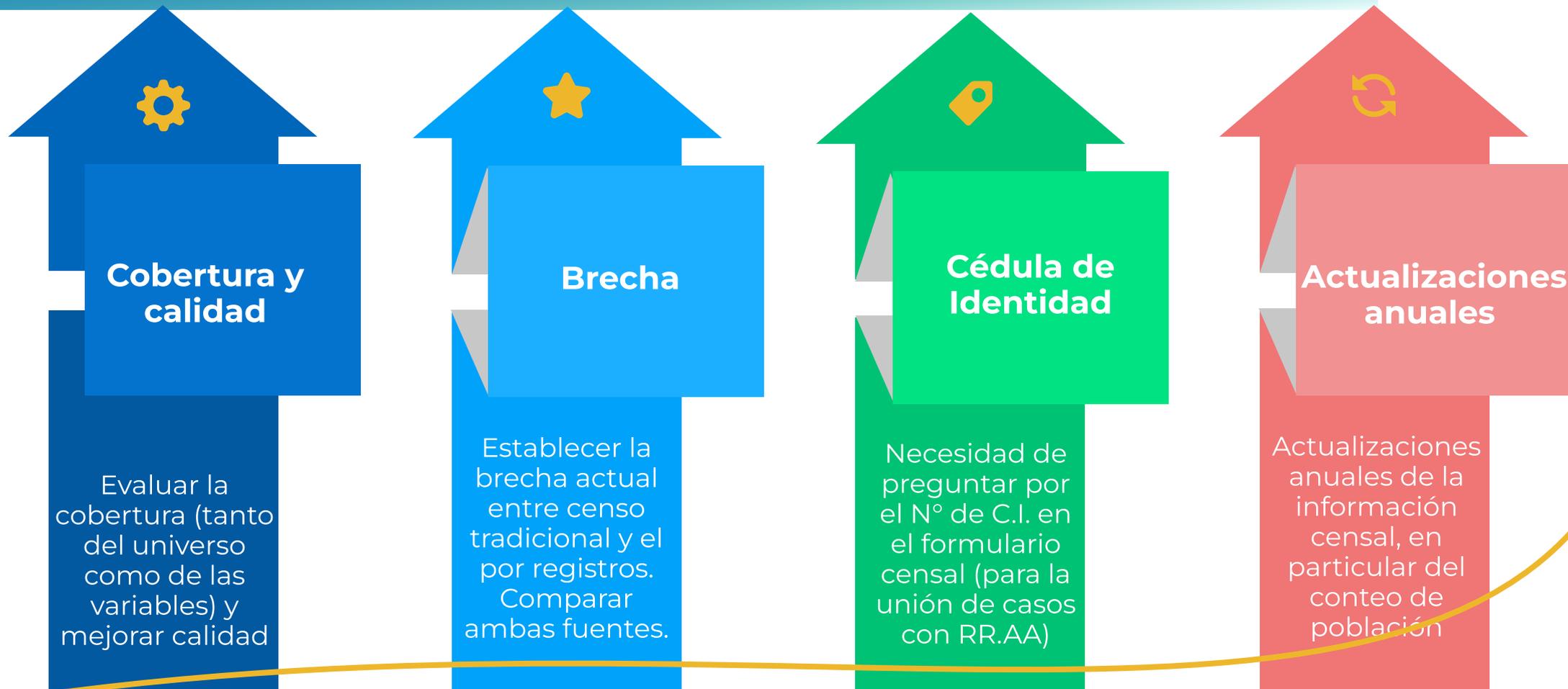
- Sistema de Información Integrada del Area Social (SIAS).
- **62 registros administrativos de 15 instituciones públicas.**
- No es un registro únicamente de beneficiarios de programas sociales.
- Integra registros de personas de diferentes agencias gubernamentales.
- 5 millones de registros, incluidos extranjeros, emigrantes y fallecidos.

[\(video\)](#)
MIDES

Procesos de transformación y control de calidad



Censo basado en Registros Administrativos (paralelo al CENSO 2023)



UNITED NATIONS STATISTICAL DIVISION

Feedback to Instituto Nacional de Estadística (INE) of Uruguay

The United Nations Statistics Division (UNSD) commends the Instituto Nacional de Estadística (INE) of Uruguay for its groundbreaking work in conducting a pilot register-based census alongside the traditional 2023 population and housing census. This innovative approach, coupled with Uruguay's well-developed system of administrative registers, holds potential for enhancing the accuracy and timeliness of population statistics. The pilot allows for valuable comparisons with the traditional method, further solidifying the foundation for a forward-looking census system.

Taking advantage of the availability of data from administrative registers (whose coverage has been deemed good by the comparison study), INE should consider using the data from the registers to validate data from the traditional census and vice versa. Validation exercises can help identify discrepancies between census and administrative data. Specifically, the validation exercise could be used to impute missing data (data from administrative registers can be used to fill in missing information for non-responding households or individuals in the traditional census) and improve coverage (by comparing register data with census data, potential undercounts in the census can be identified and potentially rectified).

HBr/Vaa, 15 April 2024

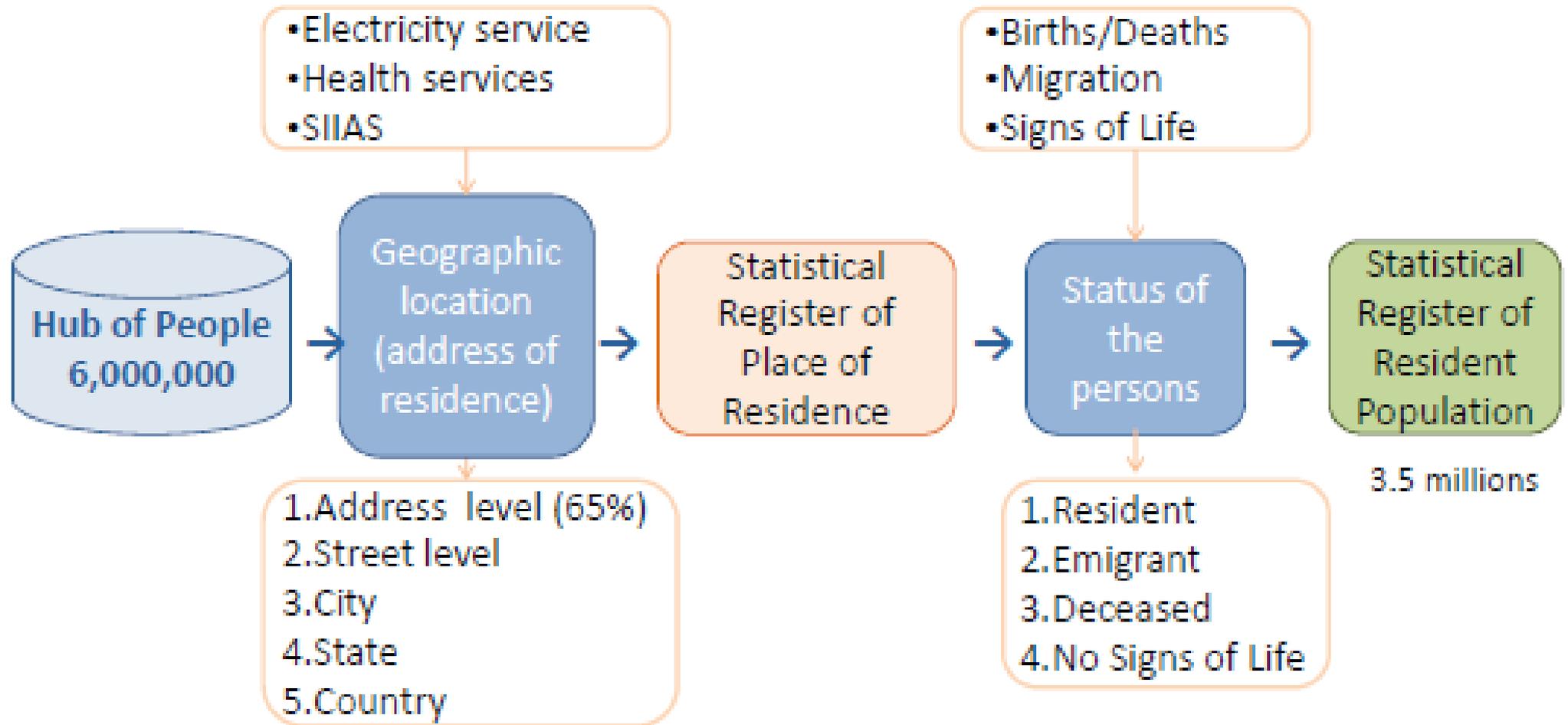
Mission report¹

Main topic for the mission: Assessment of the Uruguay administrative population and housing census

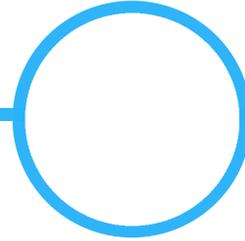
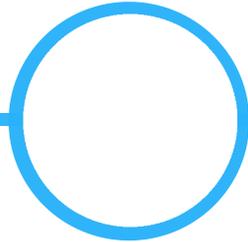
SSB consultants: Vebjørn Aalandlid, Senior Advisor, and Helge Brunborg, Senior Researcher (participated only in digital meetings)

Instituto Nacional de Estadística (INE) and Statistics Norway (SSB) have agreed on a Memorandum of Understanding (MoU) that outlines that the two NSOs will share their experiences on use of administrative sources for register-based population and housing censuses as well as population statistics in general. The cooperation between INE and SSB started with the UNSD initiated “[Collaborative on the use of Administrative Data for Statistics](#)”², where both INE and SSB are active members.

Censo basado en RRAA (paralelo al CENSO 2023)



PRIMERAS CONCLUSIONES DEL CENSO BASADO EN REGISTROS ADMINISTRATIVOS



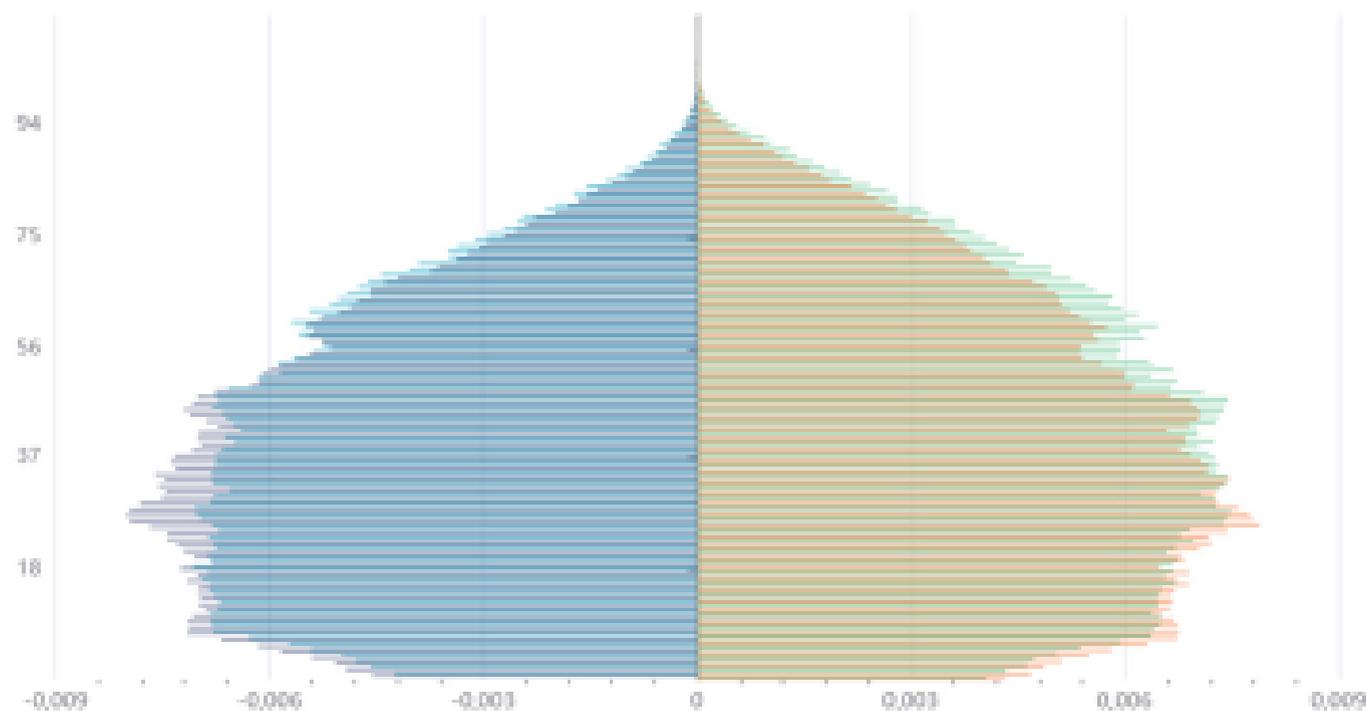
El total de la población estimada (preliminar) del censo tradicional 2023 es prácticamente el mismo que el total del registro estadístico de población (REP) (diferencia < 1%).

65% de las personas del REP se pudo ubicar exactamente (geolocalizar) su dirección de residencia. El otro 35% se ubicó a nivel de calle o localidad o departamento (provincia).

Se están integrando datos de personas del REP al censo tradicional en los casos de no respuesta (moradores ausentes y otros), en lugar de hacer imputaciones. Se están evaluando resultados.

Uno de los primeros censos combinados de la región (tradicional y RRAA) de la región. Task Force de Nueva Zelanda y División de Estadísticas de Naciones Unidas.

Comparison of register-based and traditional census - Distribution by age and gender



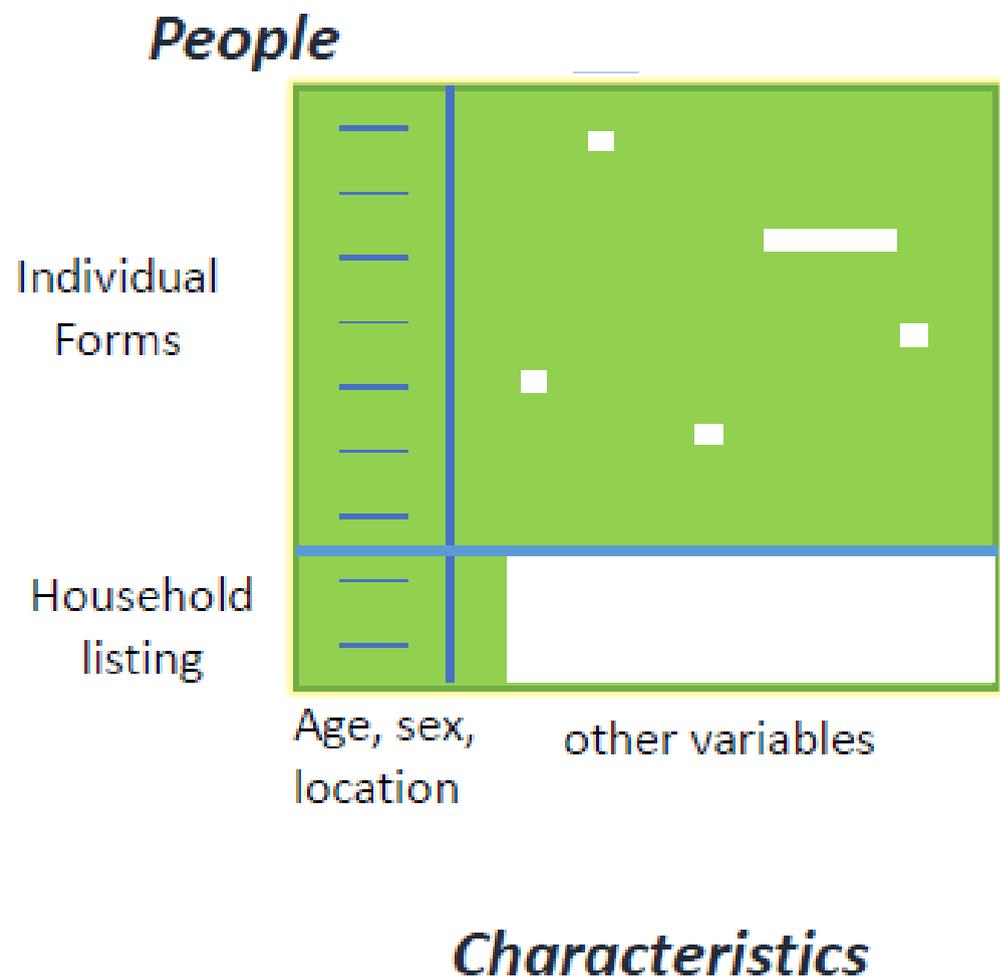
Men – Traditional Census Women – Traditional Census
Men – Register Census Women – Register Census

Versión: Nov. 2023.

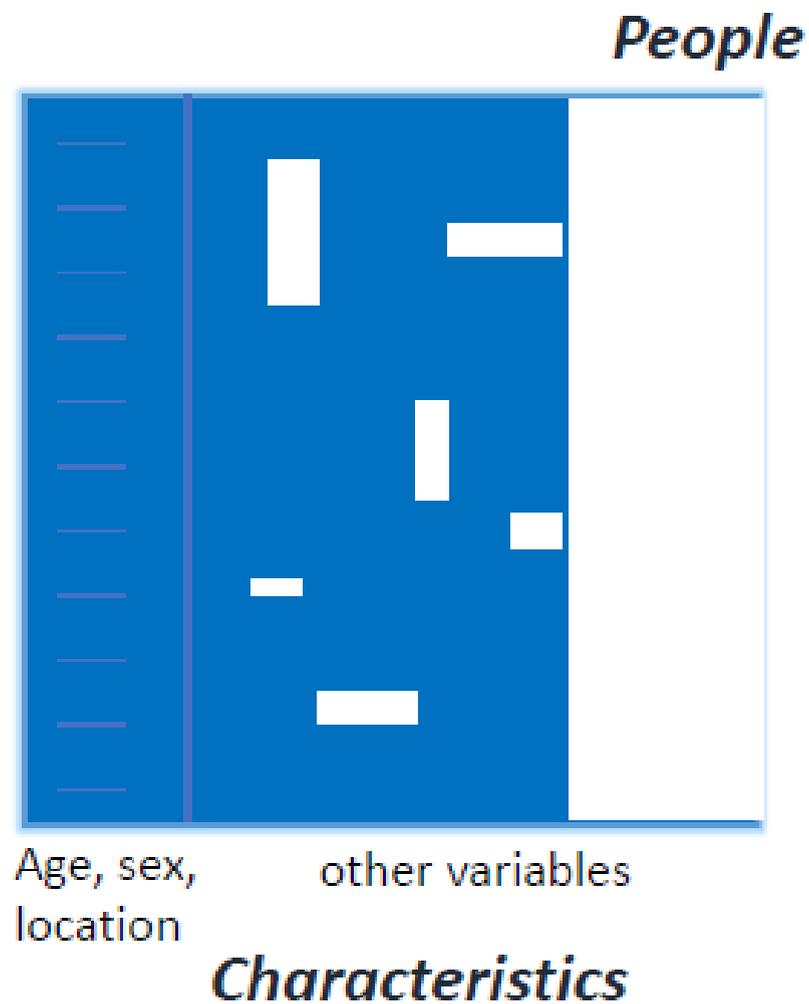


COMBINED CENSUS: NEW ZEALAND

Census responses



Admin resident population

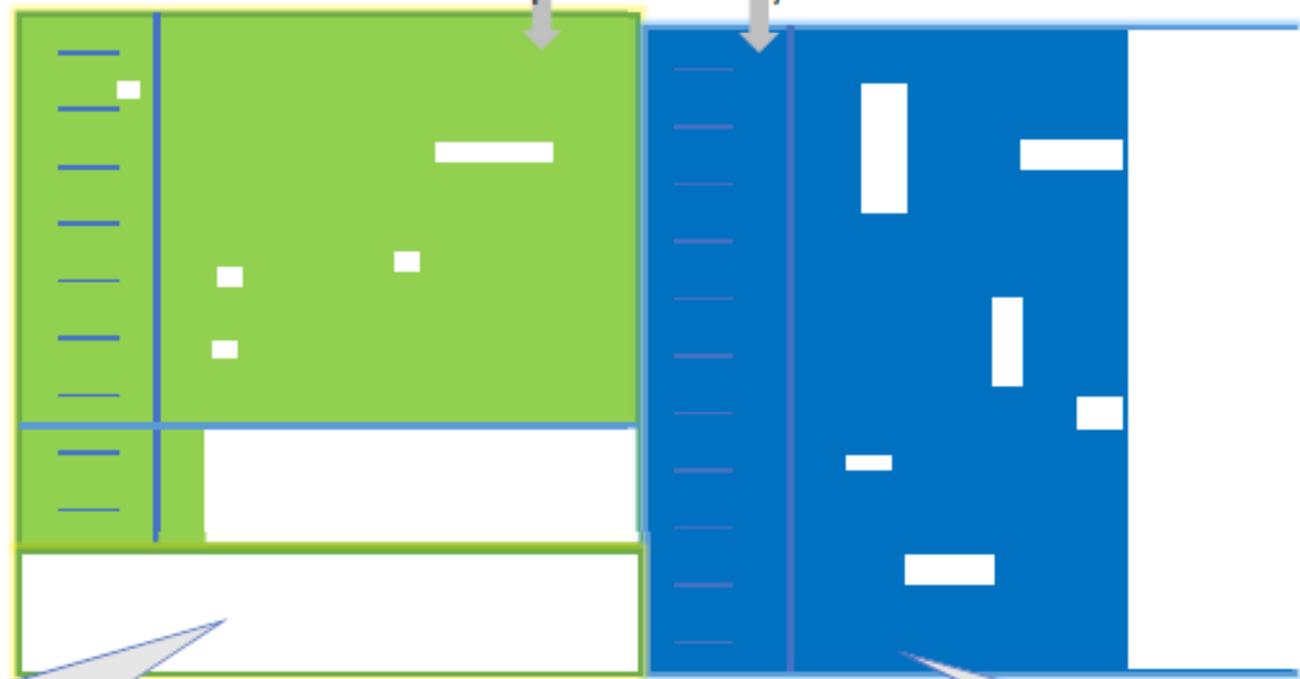


COMBINED CENSUS: NEW ZEALAND

Census responses

Admin resident population

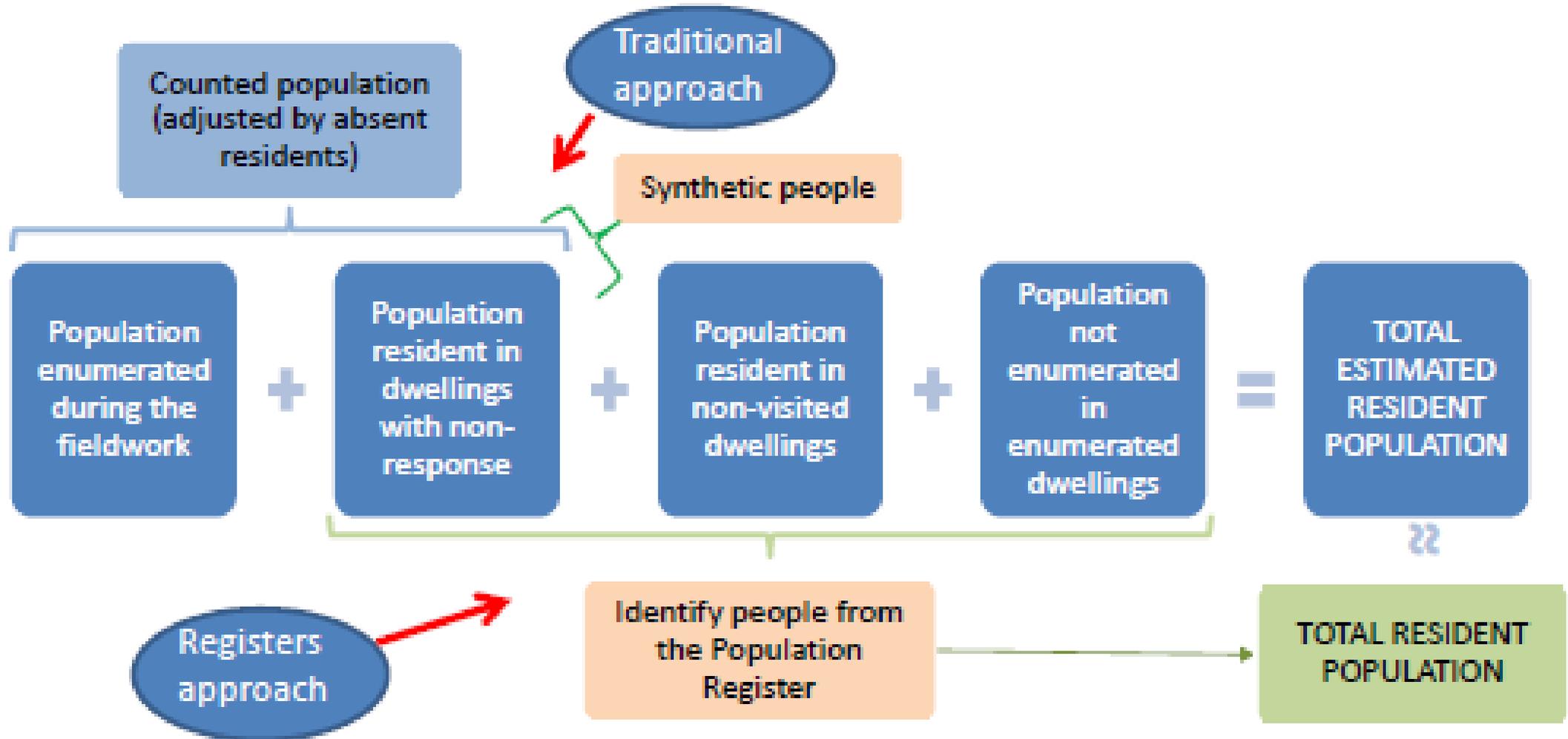
Linked
probabilistically



People missed by census

Some of these admin records are added to the census file to count people who were missed

COMBINED CENSUS VS. THE TRADITIONAL APPROACH





Concept note

International Workshop on Register-Based Censuses

Montevideo, Uruguay

October 7 to 11, 2024



GRACIAS

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Uruguay