Availability of adult mortality data from population censuses

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This presentation covers

- Current international recommendations on measuring adult mortality
- Data availability from existing censuses
International Recommendations

- UN Recommendations for 2020 round of censuses for countries with incomplete death registration:
  - **Recent Household Deaths** in the past 12 months (CORE)
    - Age, sex and date of death
    - Follow up questions for collecting information on
      - Deaths due to an accident, violence, homicide or suicide
      - Deaths among women aged 15-49 occurred while pregnant or during childbirth or during the six weeks after the end of pregnancy - Maternal Mortality

  - Survival of biological parents of all individuals enumerated (Additional)
    - Age at death and year of death (if national context allows)
Availability of data on adult mortality from 2010 round of censuses

Out of 154 countries (except Europe and Northern America - 41 countries)
- 76 countries collected data on RHDs
- 31 countries collected data on Survival of Parent

- 9 countries used a longer reference period (more than 12 months) for collecting RHD
  - 18-16 months
  - 2, 3 or five years

2022 Brazilian Census:
*Short questionnaire-reference period from June 2021 to May 2022
*Long questionnaire- reference period from January 2019 to July 2022
Availability of data from 2010 round of censuses

Countries that collected information on date of death and maternal mortality %

- Sub-Saharan Africa (40): 25.0\% Date of death, 87.5\% Maternal death
- Latin America and the Caribbean (42): 29.4\% Date of death, 52.9\% Maternal death
- Oceania (25): 88.9\% Date of death, 77.8\% Maternal death
- Eastern/South-Eastern Asia (19): 42.9\% Date of death, 100.0\% Maternal death
- Northern Africa/Western Asia (18): 33.3\% Date of death, 50.0\% Maternal death
- Central and Southern Asia (10): 0.0\% Date of death, 80.0\% Maternal death

According to international recommendations,
- Sex
- Age at death
- Date of death should be collected for every deceased person

Additional information collected by countries
- Death registration -9
- Relationship to the head of HH - 5
- Place of residence -3
- Others – 4
  (broad age category of deceased person, occupation, marital status, etc.)

- 238 countries/areas monitored.
- Only the earliest census (first census in the decade) is considered for countries that conduct more than one census per decade (eg. Canada, Japan, Hong Kong, etc).
- Countries that compile census statistics from registers (ie. no field operations) were not significantly affected by COVID (which is the case for several European countries in 2021).

Only 21 countries conducted as of mid-August

- Pre COVID-19 (as of 17 Feb 2020)
- During COVID-19 (as of 15 Aug 2022)
Discussion points

- What are main challenges in **producing reliable data** on adult mortality through population censuses?
- What would be innovative approaches to **better meet with data needs on adult mortality**, especially during health crises, in terms of:
  - questions asked in censuses,
  - reference period,
  - population groups that are difficult to include
  - methods used for producing measurement of adult mortality
- How feasible to conduct a **follow-up survey (post-census)**, using household deaths as a frame, for in-depth interview to collect detailed information about deceased household (former) members and deceased parents