
Ecuador

August, 2022
Data sources for adult mortality in the Ecuador
The main source of data on adult mortality are administrative records.

The Statistical Registry of General Deaths, corresponds to the vital events of deaths that occurred and/or registered in the national territory.

Since 1976, the National Institute of Statistics and Censuses, with the collaboration of the Civil Registry Office, annually processes and publishes information on General Deaths, with national coverage (last published year 2020).
Mortality – Impact of COVID-19 on life expectancy at birth

- Ecuador estimates mortality from calculating life tables as part of the demographic conciliation (2020 revision).
- A loss of 6 years in Life Expectancy at birth for men and 4 for women in 2020 was estimated. It was assumed that in 2021 the effect of the pandemic was decreasing and in 2023 the rate of decline in Mortality observed was resumed before said pandemic.
As a result, it is estimated that the completeness of death statistics is around 87.6% for the year 2020.
Data needs and gaps need to be filled
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- New sources of statistical information that allow studying the coverage and completeness of Administrative Records.
- Mortality studies in specific population groups
  - Natives
  - Older adults
  - Poverty
  - Migrants
- For the 2022 census, a general mortality module is included.
How censuses and surveys can be improved to improve the availability and quality of adult mortality estimates
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• **Censuses**
  - Section of questions on adult mortality, including description variables
    - Name
    - Age
    - Sex
    - Date
    - History of deaths
    - Death cause

• **Surveys**
  - Construction of Sampling Frames and continuous updating
  - Sample design for adult mortality studies
  - Calculation of weighting and calibration factors
  - Calculation of sampling errors.