GEOGRAPHICAL INFORMATION AND SUSTAINABLE DEVELOPMENT

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Map containing the median age at first marriage of the total population, of the male population, of the female population and the difference between the mean age of the male and female married, by municipality.

The median age at first marriage was calculated for persons aged 15 years or older, based on the technical named Singulate Mean Age at Marriage – SMAM, developed by Hajnal (1953)
Territorial framework for calculating and disseminating the statistics of IBGE

Legally institutionalized areas

- Political administrative division
  - Federative Entities
    - States and Federal District
    - Municipalities
  - Municipal subdivisions
    - District
    - Subdistrict
    - Neighborhood

- Territorial tipologies
  - Urban and rural areas
    - Rural Areas
    - Urban Areas
  - Special Areas
    - Conservation Units
    - Indigenous Lands
    - Quilombolas Lands

- Regional divisions
  - Urban regions
    - Metropolitan Regions
    - RIDE
    - Urban Agglomerations
  - Macrorregions
    - Legal Amazon
    - Semi arid
    - Borderlands
    - Coastal zone

Areas defined by IBGE

- Territorial tipologies
  - Urban and rural areas
    - Rural Agglomerates
    - Rural Agglomerates of urban extension
    - Non-Urbanized Areas of Villages or Cities
  - Special Areas
    - Slum areas
    - Indigenous Lands
    - Quilombolas Lands
    - Rural Agro Villages

- Regional divisions
  - Urban regions
    - Urban Concentrations
  - Urban Regional Division
    - Immediate region of urban articulation
    - Intermediate region of urban articulation
    - Amplified region of urban articulation
  - Rural Regions

Units for the collection and disclosure of census and sample

- Minimum structure of collecting or divulgation of Demographic Census
  - Census tract
  - Block-faces
  - Address

- Sample expansion areas of Demographic Census to dissemination
  - Ponderation Areas
  - Divulgation Areas for Subnormal Agglomerates
IBGE defined areas for calculating and disseminating statistics - zones for recording, verifying and analyzing statistical data in order to meet the increasing demand for more accurate geographic limits, enabling a better interpretation of the complex territorial reality.
In a national scale urban perspective, IBGE sets criteria for the identification of urban concentrations, allowing statistical information analysis in varied contexts and geographic scales.
Selected contributions of geospatial information producers for sustainable development

- To produce spatial data according with SDI’s standards
- To improve the integration between statistical metadata and geographical metadata.
- To create support to associate statistical information in multiple scales
- To develop new territorial frameworks for statistical census and sample surveys dissemination and analyses

Challenges

- To create a global sub-national territorial framework to planning, measure and evaluate sustainable development.
- To create a international standard of a integrated statistical and geographical metadata
Thank you!