



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Brazil HealthRise Household Survey 2017

Project name: HealthRise Project in Brazil

Date of release: February 14, 2020

Summary:

HealthRise is a collaborative multicountry initiative to implement and evaluate innovative community-based programs intended to improve heart disease and diabetes care in underserved communities. Conducted as part of HealthRise Brazil, this household survey was carried out in approximately 2,000 households in Padre Paraíso in the state of Minas Gerais and Poçoões in the state of Bahia. Data were collected regarding sociodemographic background, risk factors, medical history, and knowledge, attitudes, and practices related to NCDs. Anthropometric data, including height, weight, and abdominal circumference were also collected, in addition to blood pressure and random blood glucose (RBG) measurements. The data were collected through computer-assisted personal interviews (CAPI) with one adult age 30 years or older in each household.

Acknowledgements

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)
- PRESS Consultoria
- Dinamica Cursos

Funders:

- Medtronic Foundation

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME), PRESS Consultoria, Dinamica Cursos. Brazil HealthRise Household Survey 2017. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2020.

File Inventory

File Name	Description	Version Date
IHME_HRISE_BRA_HHS_2017_Y2020M02D14.CSV	Household Survey Data	February 14, 2020
IHME_HRISE_BRA_HHS_2017_CODEBOOK_Y2020M02D14.CSV	Codebook	February 14, 2020
IHME_HRISE_BRA_HHS_2017_QUESTIONNAIRE_Y2020M02D14.PDF	Questionnaire	February 14, 2020
IHME_HRISE_BRA_HHS_2017_INFORMATION_SHEET_Y2020M02D14.PDF	Data Release Information Sheet	February 14, 2020

Methodological Statement

Data Collection

Data from households in Padre Paraíso in the state of Minas Gerais and Poçoões in the state of Bahia were collected with the IHME HealthRise Brazil Household Survey in October - December 2017 by research associates hired by PRESS Consultoria and Dinamica Cursos. All data were collected with Surveybe™, which allows for survey adaptation and customization based on respondent answers. All data went through a thorough verification process between IHME and the local data collection teams. Following data collection, the data were methodically cleaned and re-verified, and securely stored in databases hosted at IHME.

All instruments used for the HealthRise Brazil Household Survey are available through IHME's Global Health Data Exchange (GHDx): <http://ghdx.healthdata.org/record/ihme-data/brazil-healthrise-household-survey-2017>.

Sampling/Population

Padre Paraíso and Poçoões were chosen by key stakeholders given their status as underserved municipalities and their socioeconomic similarities to the intervention areas of Teófilo Otoni (Minas Gerais State) and Vitória da Conquista (Bahia state). Household data collection was not conducted in intervention areas.

Sample size was calculated based on the adult population of each municipality, considering a 95% confidence interval, a prevalence of hypertension (HTN) of 50%, and an estimated error of 3%. We aimed to survey 964 individuals in Padre Paraíso and 1,019 individuals in Poçoões. Foreseeing the loss of participants due to unrealized interviews, a 15% increase in the size of the sample was stipulated.

Participants were selected through a two-stage sampling procedure to survey a representative, noninstitutionalized sample of adults ages 30 years and older living in the urban and rural areas of both municipalities. In the first sampling stage, the probability of household selection was proportional to the

number of households per census tract in each of the two locations according to the 2010 Brazilian census. In the second stage, individuals ages 30 years and older were randomly selected within the households. Only one resident was selected in each household, with equal probability of selection among all eligible residents.

Weighting

Sampling weights were not applied to this dataset.

Imputed Variables and/or Constructed Variables – What was Imputed/Constructed and How

Unique_id is generated by IHME as a unique identifier. It is the concatenation of the values of the following variables: *region*, *census_tract_no*, and *HHID*.

Known Data Quality Issues

For variables containing sensitive or potentially identifiable information, all values have been replaced with “XXXX” to ensure the anonymity of the respondent.

Public Use Dataset Notes

This is a public use dataset. The data have been de-identified. Variables determined to contain identifiable private information, or potentially identifiable private information, for health facilities, health workers, and/or other individuals have been removed in accordance with IHME’s microdata release protocol. The protocol’s determination for variables that constitute identifiable private information is based primarily on [HIPAA’S De-identification Standard](#).

Additional Information

Terms and Conditions

<http://www.healthdata.org/about/terms-and-conditions>

Contact information

To request further information about the HealthRise Project in Brazil, please contact IHME:

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These files may be updated periodically, so we appreciate hearing feedback or additional information about how these data are being used.