



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Global Burden of Disease Study 2019 (GBD 2019) Chewing Tobacco Use Prevalence 1990-2019

Date of release: May 27, 2021

Summary:

The Global Burden of Disease Study 2019 (GBD 2019), coordinated by the Institute for Health Metrics and Evaluation (IHME), estimated the burden of diseases, injuries, and risk factors for 204 countries and territories and selected subnational locations.

Estimates of chewing tobacco use and the burden attributable to this risk factor were produced by sex, age group, and year for 204 countries and territories for 1990-2019. The files in this record include estimates of chewing tobacco use prevalence for people ages 15 and older by sex, age group, and year. Estimates of disease burden attributable to chewing tobacco use are available in the [GBD Results Tool](#).

For additional GBD results and resources, visit the [GBD 2019 Data Resources page](#).

Relevant publications and visualizations:

GBD 2019 Tobacco Collaborators. Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019. *The Lancet Public Health*. 27 May 2021.

Acknowledgements

Contributing organizations:

- Global Burden of Disease Collaborative Network

Funders:

- Bloomberg Philanthropies
- Bill and Melinda Gates Foundation (BMGF)

Suggested Citation:

Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2019 (GBD 2019) Chewing Tobacco Use Prevalence 1990-2019. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2021.

File Inventory

File Name	Description	Version Date
IHME_GBD_2019_CHEWING_TOB_19_90_2019_DATA_Y2021M05D27.CSV	Chewing tobacco prevalence estimates, 1990-2019	May 27, 2021
IHME_GBD_2019_CHEWING_TOB_19_90_2019_CODEBOOK_Y2021M05D27.CSV	Codebook	May 27, 2021
IHME_GBD_2019_CHEWING_TOB_19_90_2019_INPUT_SOURCES_Y2021M05D27.XLSX	Data input sources	May 27, 2021
IHME_GBD_2019_CHEWING_TOB_19_90_2019_INFO_SHEET_Y2021M05D27.PDF	Data Release Information Sheet	May 27, 2021

Data Files Information

Variable	Variable Label	Variable Definition
measure_id	Measure ID	Unique numeric identifier for the measure generated and stored in an IHME database of data dimensions. Possible values: 5
measure_name	Measure Name	The measure (indicator) for the estimate. Possible values: Prevalence
location_id	Location ID	Unique numeric identifier for the location generated and stored in an IHME database of data dimensions. Possible values: See the Codebook file for values

Variable	Variable Label	Variable Definition
location_name	Location Name	Location for the estimate. Possible values: See the Codebook file for values
sex_id	Sex ID	Unique numeric identifier for the sex generated and stored in an IHME database of data dimensions. Possible values: 1, 2, 3
sex_name	Sex	Gender for the estimate. Possible values: Male, Female, Both
age_group_id	Age Group ID	Unique numeric identifier for the age group generated and stored in an IHME database of data dimensions. Possible values: See the Codebook file for values
age_group_name	Age Group Name	Age group for the estimate. Possible values: See the Codebook file for values
rei_id	REI ID	Unique numeric identifier for the risk factor, etiology, or impairment generated and stored in an IHME database of data dimensions. Possible values: 332
rei_name	REI Name	The risk factor, etiology, or impairment for the estimate. Possible values: Chewing tobacco
metric_id	Metric ID	Unique numeric identifier for the metric. Possible values: 3
metric_name	Metric Name	Metric/unit of measure for the estimate. Possible values: Rate
year	Year ID	Time period of estimate. Possible values: Years in the range 1990-2019

Variable	Variable Label	Variable Definition
val	Value	Mean estimate.
upper	95% Uncertainty Interval - Upper Bound	2.5% percentile estimate.
lower	95% Uncertainty Interval - Lower Bound	97.5% percentile estimate.

Data Input Sources

Input sources used to produce these estimates are documented in the file

[IHME_GBD_2019_CHEWING_TOB_1990_2019_INPUT_SOURCES_Y2021M05D27.XLSX](#).

Code

Code used to produce these estimates is available here: https://github.com/ihmeuw/ihme-modeling/tree/master/gbd_2019/risk_factors_code/smoking_smokeless.

Additional Information

Terms and Conditions

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

Contact information

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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.