



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Global Burden of Disease Study 2021 (GBD 2021) Anemia Prevalence and Years Lived with Disability by Cause 1990-2021

Date of release: August 24, 2023

Summary:

Completed as part of the Global Burden of Diseases, Injuries, and Risk Factors Study (GBD) 2021, this dataset provides estimates of anemia prevalence and years lived with disability by 37 underlying causes, three severity levels, age, and sex for 204 countries and territories and selected subnational geographies in five year increments from 1990 to 2021. Please refer to the related publication for information on modeling methods and analysis.

[Get Data Files](#)

Relevant publications and visualizations:

GBD 2021 Anemia Collaborators. Prevalence, years lived with disability, and trends in anemia burden by severity and cause, 1990-2021: findings from the Global Burden of Disease Study 2021. *The Lancet Haematology*. 31 July 2023.

Acknowledgements

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

Funders:

- Bill and Melinda Gates Foundation (BMGF)

Suggested Citation:

Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2021 (GBD 2021) Anemia Prevalence and Years Lived with Disability by Cause 1990-2021. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2023.

Data Files Information

Variable Information

Variable	Variable Label	Variable Definition
measure_id	Measure ID	A unique numeric identifier for the measure generated and stored in an IHME database of data dimensions.
measure_name	Measure Name	The measure (indicator) for the estimate.
location_id	Location ID	A unique numeric identifier for the location generated and stored in an IHME database of data dimensions.
location_name	Location Name	The location for the estimate.
sex_id	Sex ID	A unique numeric identifier for the sex generated and stored in an IHME database of data dimensions.
sex_name	Sex Name	The gender for the estimate.
age_group_id	Age Group ID	A unique numeric identifier for the age group generated and stored in an IHME database of data dimensions.
age_group_name	Age Group Name	The age group for the estimate.
rei_id	REI ID	A unique numeric identifier for the impairment severity generated and stored in an IHME database of data dimensions.
rei_name	REI Name	The impairment severity for the estimate.
cause_name	Cause Name	The underlying cause of anemia for the estimate.
year_id	Year ID	The time period for the estimate.
metric_id	Metric ID	A unique numeric identifier for the metric.
metric_name	Metric Name	The metric/unit of measure for the estimate.
val	Value	Mean estimate.

Variable	Variable Label	Variable Definition
upper	95% Uncertainty Interval (Upper Bound)	97.5% percentile estimate.
lower	95% Uncertainty Interval (Lower Bound)	2.5% percentile estimate.

Additional Information

Terms and Conditions

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

Contact Information

To request further information about this dataset, 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.