



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Low- and Middle-Income Country Immunization Spending Estimates 2000-2017

Date of release: November 4, 2021

Summary:

This dataset contains annual spending estimates on immunizations for 135 low- and middle-income countries (as determined by the World Bank) from 2000 through 2017. The estimates are disaggregated by spending source — government, out-of-pocket, prepaid private, and development assistance for immunization — and immunization component or activity: e.g., vaccine costs, delivery costs, and routine and supplementary immunizations. Data used to produce the estimates came from National Health Accounts, Joint Reporting Forms, comprehensive multi-year plans, databases from Gavi, the Vaccine Alliance, and the Institute for Health Metrics and Evaluation’s 2019 Development Assistance for Health Database. Estimates are reported in 2019 United States Dollars (USD).

Relevant publications and visualizations:

Ikilezi G, Micah AE, Bachmeier SD, Cogswell IE, Maddison ER, Stutzman HN, et al. Estimating total spending by source of funding on routine and supplementary immunisation activities in low-income and middle-income countries, 2000–17: a financial modelling study. *The Lancet*. 4 November 2021.

Acknowledgements

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

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- Bill and Melinda Gates Foundation (BMGF)

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). Low- and Middle-Income Country Immunization Spending Estimates 2000-2017. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2021.

Data Files Information

File Inventory

File Name	Description	Version Date
IHME_LMIC_IMMUNIZATION_SPENDI NG_2000_2017_DATA_Y2021M11D04 .CSV	Spending on immunization estimates, 135 countries and territories, 2000-2017	November 4, 2021
IHME_LMIC_IMMUNIZATION_SPENDI NG_2000_2017_CODEBOOK_Y2021M 11D04.CSV	Codebook	November 4, 2021
IHME_LMIC_IMMUNIZATION_SPENDI NG_2000_2017_INFO_SHEET_Y2021M 11D04.PDF	Data Release Information Sheet	November 4, 2021

Variable Information

Variable	Variable Label	Variable Definition
location_isocode	ISO 3-digit Code	The 3-digit ISO code for the location for the estimate.
location_name	Location Name	The location for the estimate.
gbd_location_id	GBD Location ID	A unique numeric identifier for the location generated and stored in an IHME database of data dimensions.
gbd_region_name	GBD Region Name	The GBD region of the location.
gbd_region_id	GBD Region ID	A unique numeric identifier for the region generated and stored in an IHME database of data dimensions.
gbd_super_region_name	GBD Super Region Name	The GBD super region of the location.
gbd_super_region_id	GBD Super Region ID	A unique numeric identifier for the super region generated and stored in an IHME database of data dimensions.
year	Year	The time period for the estimate.
financing_source	Financing Source	The source of financing for the estimate.

Variable	Variable Label	Variable Definition
component_activity	Immunization Component or Activity	The component of immunization spending (delivery or vaccine/commodity) or the activity of immunization spending (routine or supplementary immunization). Includes categories specific to development assistance (research and development and administrative expenses).
val	Value	Mean estimate.
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.