



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Global Dementia Care Spending and Future Spending Scenarios 2000-2050

Date of release: June 14, 2022

Summary:

This dataset contains retrospective estimates for healthcare spending attributable to dementia for 195 countries from 2000 to 2019 and prospective spending estimates from 2020 to 2050 under multiple scenarios. Intermediate and final estimates are provided. Intermediate estimates include community based care rate (CBC), nursing home based care rate (NHBC), community based care unit cost, and nursing home based care unit cost. Final estimates are attributable dementia spending. All spending is reported in 2019 United States dollars. Future estimates report the same model outputs as those reported in the retrospective model but include both reference and alternative scenarios based on accelerated care setting rates and units costs.

Relevant publications and visualizations:

Pedroza PV, Miller-Petrie MK, Chen C, Chakrabarti S, Chapin A, Hay S, et al. Global and regional spending on dementia care from 2000–2019 and expected future health spending scenarios from 2020–2050: An economic modelling exercise. *eClinicalMedicine*. 12 March 2022.

Acknowledgements

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

Funders:

- Gates Ventures

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). Global Dementia Care Spending and Future Spending Scenarios 2000-2050. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2022.

Data Files Information

File Inventory

File Name	Description	Version Date
IHME_DEMENTIA_SPENDING_2000_2019_DATA_Y2022M06D14.CSV	Global dementia spending model outputs from 2000 to 2019. The model has 5 outputs: Community based care rate (CBC), Facility based care rate (NHBC), Community based care unit cost, Nursing home based care unit cost, Attributable dementia spending.	June 14, 2022
IHME_DEMENTIA_SPENDING_2000_2019_CODEBOOK_Y2022M06D14.CSV	Codebook for dementia spending model from 2000 to 2019	June 14, 2022
IHME_DEMENTIA_SPENDING_2020_2050_DATA_Y2022M06D14.CSV	Global dementia spending model outputs from 2020 to 2050. The prospective model estimates dementia spending for 5 future scenarios: reference, increased diagnosis and treatment rates, increased nursing home based care rates, increase costs, and all variables accelerated.	June 14, 2022
IHME_DEMENTIA_SPENDING_2020_2050_CODEBOOK_Y2022M06D14.CSV	Codebook for dementia spending model from 2020 to 2030.	June 14, 2022
IHME_DEMENTIA_SPENDING_2000_2050_INFO_SHEET_Y2022M06D14.PDF	Data Release Information Sheet	June 14, 2022

Variable Information

Variable	Variable Label	Variable Definition
year_ID	Year	The time period for the estimate.
location_isocode	ISO 3-digit Country Code	Country ISO code
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.

Variable	Variable Label	Variable Definition
gbd_region_id	GBD Region ID	A unique numeric identifier for the region generated and stored in an IHME database of data dimensions.
gbd_region_name	GBD Region	GBD region name for the estimate.
gbd_super_region_id	GBD Superregion ID	A unique numeric identifier for the super region generated and stored in an IHME database of data dimensions.
gbd_super_region_name	GBD Superregion	GBD super region name for the estimate.
model_output	Model Output	Intermediate or final model outputs, Community based care rate (CBC), Facility based care rate (NHBC), Community based care unit cost, Nursing home based care unit cost, Attributable dementia spending.
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.