



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Africa – Travel Time to Health Facilities and Viral Hemorrhagic Fever Outbreak Preparedness

Date of release: July 30, 2019 [Update date: September 27, 2019]

Summary:

Country profiles were created for 43 sub-Saharan African countries highlighting travel times to most accessible health facility from areas with Viral Hemorrhagic Fever (VHF) spillover event potential, travel times to the nearest at-risk location for VHFs, and an assessment of how travel times would change given new infrastructure in a country.

This dataset includes the following:

- Four PDF files per country:
 - Country-specific estimates of the travel times described above
 - Maps of the analysis stratified by facility type
 - Maps depicting the uncertainty around the modeled VHF spillover event potential estimates using differing thresholds
 - Table of travel times to the nearest at-risk location for any VHF from all hospitals in a country, shaded by hours of travel time
- Code files used to generate the estimates

[Get Data Files](#)

Relevant publications and visualizations:

Hulland, E.N, Wiens, K.E., Shirude, S., Morgan, J., et. al. Travel time to health facilities in areas of outbreak potential: maps for guiding local preparedness and response. *Submitted to BMC Medicine*.

Acknowledgements

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

Funders:

- Bill & Melinda Gates Foundation (BMGF)

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). Africa – Travel Time to Health Facilities and Viral Hemorrhagic Fever Outbreak Preparedness. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2019.

Data Files Information

Thresholds used for the uncertainty analysis are as follows. The median value was used for each of the four VHFs in all analyses except the uncertainty analysis.

	Median	5th Percentile	95th Percentile
Marburg	0.399	0.300	0.608
CCHF	0.019	0.014	0.025
Ebola	0.349	0.210	0.468
Lassa	0.396	0.339	0.443

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:

Institute for Health Metrics and Evaluation

2301 Fifth Ave., Suite 600

Seattle, WA 98121

USA

Telephone: +1-206-897-2800

Fax: +1-206-897-2899

Email: data@healthdata.org

www.healthdata.org

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