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*: October 9, 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:


Data Files Information

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

<table>
<thead>
<tr>
<th></th>
<th>Median</th>
<th>5th Percentile</th>
<th>95th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marburg</td>
<td>0.399</td>
<td>0.300</td>
<td>0.608</td>
</tr>
<tr>
<td>CCHF</td>
<td>0.019</td>
<td>0.014</td>
<td>0.025</td>
</tr>
<tr>
<td>Ebola</td>
<td>0.349</td>
<td>0.210</td>
<td>0.468</td>
</tr>
<tr>
<td>Lassa</td>
<td>0.396</td>
<td>0.339</td>
<td>0.443</td>
</tr>
</tbody>
</table>

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.