

## Release Statement

# Measuring indicators on the availability and geographical accessibility of maternal health services at district level.

## Case Study: Ghana

11/10/2022

Description: Tutorial and sample data demonstrating how to estimate indicators on the availability and geographical accessibility of maternal health services, using open data and tools.

### Release content:

- gha\_hospitals.shp
- gadm36\_GHA\_2.shp
- TT\_GHA\_Extract.tif
- gha\_ppp\_2015\_1km\_Aggregated.tiff
- GHA\_pregs\_2015\_Resample.tiff

### File descriptions:

**gha\_hospitals.shp** - hospital locations for Ghana, clipped to the extent of the country

**gadm36\_GHA\_2.shp** - national and sub-national administrative boundaries for Ghana (adm0/adm2)

**TT\_GHA\_Extract.tif** - travel-time to hospital locations, clipped to the extent for Ghana

**gha\_ppp\_2015\_1km\_Aggregated.tiff** - estimates of population per (1km x 1km) grid square for Ghana (2015)

**GHA\_pregs\_2015\_Resample.tiff** - estimates of the number of pregnancies per (1km x 1km) grid square for Ghana (2015)

### Source data:

Ouma, P., Okiro, E. A., & Snow, R. W. (2017). Sub-Saharan Public Hospitals Geo-coded database - Population Health Dataverse. <https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/JTL9VY>

GADM. (2022). GADM data. <https://gadm.org/data.html>

Alegana, V. A. (2018). National and subnational variation in pattern of febrile case management in sub-Saharan Africa.

[https://figshare.com/articles/dataset/National\\_and\\_subnational\\_variation\\_in\\_pattern\\_of\\_febrile\\_case\\_management\\_in\\_sub-Saharan\\_Africa/7160363](https://figshare.com/articles/dataset/National_and_subnational_variation_in_pattern_of_febrile_case_management_in_sub-Saharan_Africa/7160363)

WorldPop. (2022). *WorldPop :: Population Counts*. <https://hub.worldpop.org/geodata/summary?id=31430>

WorldPop. (2022). *WorldPop :: Pregnancies*. <https://hub.worldpop.org/geodata/summary?id=991>

### Suggested citation:

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