



World Health
Organization

Small Area Estimation for Health

An intuitive analytical platform for state-of-the-art small area estimation models

[title slide. Please feel free to drop.]

Small Area tools for analysis and presentation

Small Area Estimation for Improving Maternal Health in the region of Africa

Country Specification

Data Upload

Model Fitting

Result Visualization

Result Tabulation

Country Meta Data Input

Choose a country *

Choose survey year *

Choose an indicator group *

Child Health

Choose an indicator *

Diarrhea treatment (Children under five with diarrhea treated with either ORS c

Choose Admin levels for analysis *

☒ National

☐ Admin-1

☐ Admin-2

Check out maps for Admin levels

Interactive Map Enabled

☒

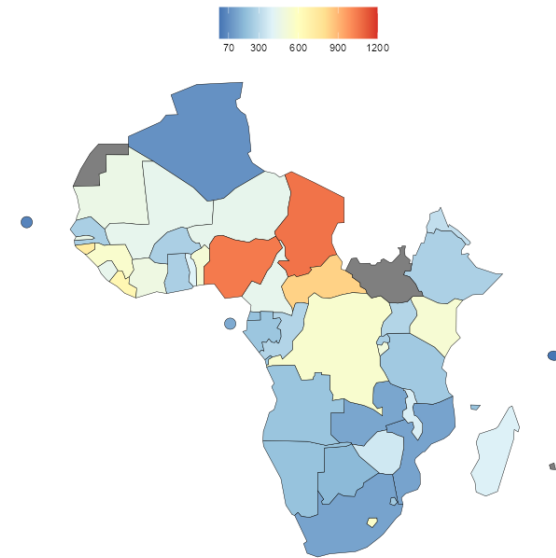
Vital signs for maternal health

Data analytics platform by the Division of Data, Analytics and Delivery for Impact at WHO

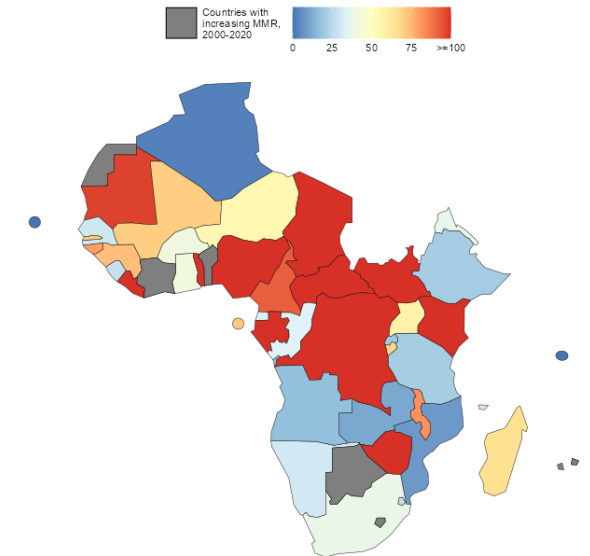
Disease Burden Maternal Mortality Data Availability

Across African Region By Country

Maternal mortality ratio in African Region, 2020.



Number of years needed to achieve SDG target given the rate of improvement since 2000.



| Easy to use interface for model setting

Small Area Estimation for Improving Maternal Health in the region of Africa

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Country Meta Data Input

Choose a country *

Rwanda

Choose survey year *

2019

Choose an indicator group *

Family Planning

Choose an indicator *

Percentage of women with an unmet need for family planning

Choose Admin levels for analysis *

☒ National

☒ Admin-1

☒ Admin-2

Check out maps for Admin levels

Admin-2

Interactive Map Enabled

☒

You've selected **Rwanda** with survey in **2019**, to estimate **Percentage of women with an unmet need for family planning**. You intend to conduct analysis at **National, Admin-1 and Admin-2** level(s).

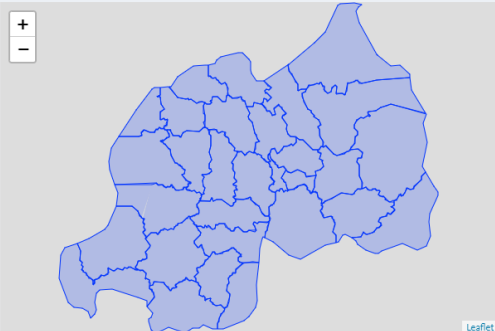
Please review the table and map below for your Admin level selections. Choose a different level to display if necessary.

	National	Admin-1	Admin-2
Number of Regions	1	5	30

The map below displays **Admin-2** boundaries of **Rwanda**.

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Leaflet

Small Area Estimation for Improving Maternal Health in the region of Africa

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Data Upload Checklist

Based on your goal of estimating **Percentage of women with an unmet need for family planning**, in **Rwanda** with **DHS 2019** survey. Please upload your data in **IR (Individual Recode)**.

Upload Checklist:

☒ IR Recode: Completed

☒ GPS data: Completed

Manual Upload

Please upload the corresponding DHS datasets, click [here](#) for detailed instructions.

Upload DHS survey data (.zip) *

Browse...

RW_2019-20_DHS_04262024_749_191734.zip

Upload complete

Submit Survey Data

Cluster Map

Data Preview

Check out maps for number of clusters at Admin levels

☐ Admin-1

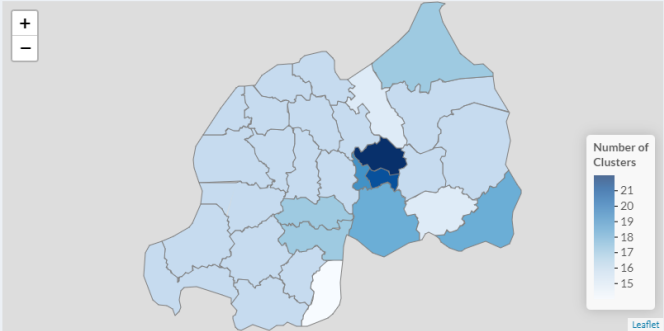
☒ Admin-2

Interactive Map Enabled

☒

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Leaflet

Number of Clusters

-21

-20

-19

-18

-17

-16

-15

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Intuitive results presentation and model validation

