Metadata Documentation

Title:

Malaria Risk, Weather Patterns, and Population Data Analysis in Nigeria

Creator:

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Leo Oni

Subject:

Malaria Prevalence. Incidence, mortality, weather patterns, population distribution, Nigeria, spatial analysis

Description:

This dataset provides a state-level analysis of malaria-related factors in Nigeria, disaggregated from national-level malaria data using state-specific population and weather patterns, it combines malaria indicators, demographic data, and environmental variables to explore spatial and temporal relationships. The datasets support public health research, resource allocation, and decision-making for malaria control efforts.

Publisher:

Babafemi Sunday Olatunji

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PLUS

Contributor:

World bank data catalogue

National Population commission

Malaria Atlas Project

Nigerian Meteorological Agency (NiMET)

Date:

December 2025

Type:

Dataset

Format:

CSV, Shapefile, GeoJSON

Identifier:

https://zgis.maps.arcgis.com/home/item.html?id=e8825b5839524b489a16b7f197e0237d

Source:

Malaria Atlas Project: Malaria Data

National Population Commission: Population Data

Nigerian Meteorological Agency: Weather Data

World Bank Data Catalogue: Nigeria Administrative Boundaries

Language:

English

Relation:

https://data.malariaatlas.org/trends?year=2022&metricGroup=Malaria&geographicLevel=admin0&metricSubcategory=Pf&metricType=rate&metricName=incidence

Coverage:

Spatial: All states in Nigeria

Temporal: Data from 2010 to 2022

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