

Package: washmalawi (via r-universe)

October 5, 2026

Title WASH Household Level Survey Data 2018 - 2023

Version 1.0.1

Description This package provides access to Water, Sanitation, and Hygiene (WASH) household-level survey data collected in Malawi between 2018 and 2023. The dataset includes comprehensive indicators for monitoring WASH-related Sustainable Development Goals at the household level.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Depends R (>= 3.5)

LazyData true

Language en-GB

Config/Needs/website rmarkdown

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URL <https://github.com/openwashdata/washmalawi>

BugReports <https://github.com/openwashdata/washmalawi/issues>

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Repository <https://openwashdata.r-universe.dev>

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RemoteUrl <https://github.com/openwashdata/washmalawi>

RemoteRef HEAD

RemoteSha 037b6a041c1af4ba774ce5129d6b3c5f4788c0dc

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*SDG Household Level Survey - Malawi (2018 - 2023)***Description**

This dataset comprises household-level survey data collected across Malawi between 2018 and 2023 as part of a Sustainable Development Goals (SDG) monitoring initiative. The data captures detailed information on household water access, sanitation facilities, hygiene practices, and environmental conditions. It includes geolocation data (latitude, longitude, altitude), survey timestamps, and various indicators such as the availability of handwashing facilities, type of toilet used, and waste treatment methods. This dataset is instrumental for assessing progress in WASH (Water, Sanitation, and Hygiene) outcomes and guiding evidence-based interventions in underserved communities.

Usage

washmalawi

Format

A tibble with 23112 rows and 27 variables

date_submitted The date when the survey was submitted.

latitude Latitude coordinate of the survey location.

longitude Longitude coordinate of the survey location.

water_point_identification_method Method used to identify the water point.

traditional_authority Traditional authority area where the survey was conducted.

district District where the survey was conducted.

water_source_type Type of water source used (e.g., borehole, spring, piped).

water_source_location Location of the water source relative to the dwelling.

water_collection_time_mins Time in minutes to go there, get water, and come back.

time_not_known Indicates if water collection time is not known.

water_insufficiency_30days Whether there was insufficient water in the last 30 days.

water_insufficiency_30days_not_known Indicates if water insufficiency information is not known.

water_quality_tested Whether water quality was tested.

bacteriological_test_done_at_location Location where bacteriological test was performed.

parameters_tested_methods Parameters tested and methods used for water quality testing.

chemical_quality_tested Whether chemical quality was tested.

arsenic_tested_water Results of arsenic testing in water.

fluoride_tested_water Results of fluoride testing in water.

toilet_facility_type Type of toilet facility household members usually use.

toilet_facility_shared Indicates if the toilet facility is shared with other households.

waste_removed Whether human waste from this facility is removed periodically.

waste_treated Indicates if the removed waste is treated.

waste_disposal Method used to dispose of or treat human waste.

handwash_available Whether a handwashing facility is available and its location.

handwashing_water_presence Whether water was observed at the handwashing facility.

handwashing_soap_presence Whether soap or detergent was observed at the handwashing facility.

handwashing_supplies_available Whether the household currently has handwashing supplies available.

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* **datasets**

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