

Package: unhcrwash (via r-universe)

October 3, 2026

Type Package

Title WASH Data From Refugee Camps and Settlements (UNHCR)

Version 1.1.1

Description This is a dataset on WASH indicators in refugee camps and settlements. The data was collected from the UNHCR Information Management System (IRIS) and was available on the UNHCR WASH dashboard. This dataset includes data from 226 sites and 35 countries. The source dashboard has since been retired and the data now sits behind the login-gated iRHIS portal, so this dataset is a fixed historical snapshot (2013 to 2024) that can no longer be regenerated.

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Encoding UTF-8

LazyData true

Depends R (>= 2.10)

Language en-GB

Config/Needs/website rmarkdown, dplyr, ggplot2, gt, kableExtra, knitr, lubridate, readr, stringr

Date 2026-06-22

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

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

X-schema.org-keywords open data, washdata, refugee camps, refugee settlements, humanitarian WASH, water supply, sanitation, hygiene, UNHCR

X-schema.org-spatialCoverage Refugee camps and settlements in 35 countries in Africa, the Middle East, Asia and Latin America

X-schema.org-temporalCoverage 2013-09-30/2024-12-31

Config/roxygen2/version 8.0.0

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

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RemoteUrl <https://github.com/openwashdata/unhcrwash>
RemoteRef HEAD
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Description

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Usage

unhcrwash

Format

- A tibble with 6423 rows and 27 variables
- form_id** Unique Identifier for the form
 - start_date** Start Date for the data collection
 - end_date** End date for the data collection
 - location_id** Unique Identifier for the location of the refugee camp
 - location_name** Name of the location of the refugee camp
 - country** Country in which the refugee camp is located
 - post_emergency** If emergency is ongoing or not (Emergency / Post Emergency)
 - persons_per_handpump** No. of persons per usable handpump well spring
 - persons_per_tap** Number of persons per unit of usable tap water source
 - liters_per_person_per_day** Average number of litres of potable water available per person per day
 - non_chlorinated_0_cfu** Percentage of water quality tests conducted at non-chlorinated water collection points that returned results with 0 colony-forming units (CFU) per 100 milliliters

chlorinated_safe_water_quality Percentage of water quality tests at chlorinated collection points where the Free Residual Chlorine (FRC) levels were within the range of 0.2 to 2 mg/L, and turbidity was less than or equal to 5 NTU (Nephelometric Turbidity Units)

households_with_toilet Percentage of households that have access to a household toilet or latrine, evaluated on a monthly basis

persons_per_toilet Number of persons per toilet latrine

persons_per_shower Number of persons per bath shower

persons_per_hygiene_promoter Number of persons per hygiene promoter

refugee_pop Refugee Population

reporting_monthly Monthly Reporting Period Indicator

liters_per_person_household Average water (litres) collected per household per day

potable_water_storage_10l Percentage of households with at least 10 litres of water storage capacity

protected_water_sources Percentage of households collecting water from sheltered and treated sources

menstrual_hygiene_satisfaction Percentage of women of reproductive age satisfied with facilities for management of menstrual hygiene and waste

household_toilet Percentage of households with a latrine

defecate_in_toilet Percentage of households defecating in a toilet

access_to_soap Percentage of households with access to soap

solid_waste_disposal_access Percentage of households with access to a waste disposal facility

reporting_annual Annual Reporting Period Indicator

Source

UNHCR WASH dashboard / Information Management System (IRIS), formerly at <<https://wash.unhcr.org/dashboard/data/un>> (retired; data now in the login-gated iRHIS portal at <<https://his.unhcr.org>>).

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* **datasets**

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