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November 13, 2026

Title WASH in Childcare Centres in Thyolo and Chikwawa, Malawi (2021)

Version 1.0.1

Description This dataset provides detailed information on Water, Sanitation, and Hygiene (WASH) conditions and related management practices in Community-Based Childcare Centres (CBCCs) across Thyolo and Chikwawa Districts in Malawi, collected in 2021. Data were gathered by BASEflow using the mWater digital data collection platform.

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`thyolocbcc` *Thyolo CBCC WASH and Sanitation Survey Data - 2021*

Description

This dataset captures detailed Water, Sanitation, and Hygiene (WASH) conditions and related management practices in Community-Based Childcare Centres (CBCCs) in Thyolo Malawi.

Usage

```
thyolocbcc
```

Format

A tibble with 118 rows and 98 variables

submitted_on Date when the data was collected and submitted.

district Name of the district where the CBCC is located.

enrollment_male_total Total number of enrolled male children.

enrollment_female_total Total number of enrolled female children.

enrollment_male_disability Number of enrolled male children with disabilities.

enrollment_female_disability Number of enrolled female children with disabilities.

latitude GPS coordinate - latitude of the CBCC.

longitude GPS coordinate - longitude of the CBCC.

photo_cbcc Photo file or URL showing the CBCC.

cbcc_has_water Indicates whether the CBCC currently has access to water.

main_water_source The primary source of water for the CBCC (e.g., borehole, piped water).

water_source_available_now Whether the main water source is currently providing water.

water_source_functional_status Functional status of the main water source.

breakdown_cause Reported cause of breakdown in the water source.

breakdown_past_12_months Whether the water source has broken down in the last 12 months.

breakdown_fixed_date Date when the water source was last repaired.

distance_water_market_magnitude Distance from CBCC to the main water source (numeric part).

distance_water_market_unit Unit of distance from CBCC to the main water source (e.g., meters).

water_available_year_round Whether the CBCC has access to water all year round.

alternative_water_source Alternative source of water for the CBCC.

water_supply_satisfaction Whether the CBCC is satisfied with its current water supply.

why_not_satisfied_water Reasons for dissatisfaction with the water source.

complaint_about_water Whether any complaints have been made about water supply.

alt_water_available_now Whether the alternative water source is currently functional.

distance_alt_water_magnitude Distance to the alternative water source (numeric part).

distance_alt_water_unit Unit of distance to the alternative water source (e.g., meters).

main_water_50m_from_contaminants Whether the main water source is at least 50m from contaminants.

water_treatment_method Method used to treat water (e.g., boiling, chlorine).

water_treatment_method_other Other water treatment methods if not listed.

treatment_meets_who_standards Whether water treatment meets WHO safety standards.

last_microbacteria_test_date Date of last microbial test of the water.

microbacteria_test_result_fcu Results of microbial test (e.g., fecal coliform units).

water_quality_meets_who Whether water quality meets WHO guidelines.

water_mgmt_committee_available Presence of a committee responsible for water management.

committee_trained_on_maintenance Whether the committee has received training on maintaining the water source.

committee_functional Whether the water management committee is currently active and functioning.

committee_functional_comments Additional comments on committee performance.

operation_funds_available Indicates if there are funds for operating/maintaining water infrastructure.

funds_amount_account The amount of funds currently available in the CBCCs account.

funds_source Main source of funds for water-related operations.

other_source_of_funds Alternative sources of funds if applicable.

financial_records_kept Whether financial records are maintained and up to date.

has_wash_plan_budget Whether the CBCC has a dedicated WASH plan or budget.

additional_comments_1 Free-text field for any other observations.

usable_toilets_for_kids Availability of usable toilets for children.

girls_toilet_total Total number of toilets designated for girls.

boys_toilet_total Total number of toilets designated for boys.

usable_toilets_for_staff Whether there are usable toilets for staff.

male_staff_toilet_total Number of toilets designated for male staff.

female_staff_toilet_total Number of toilets designated for female staff.

toilet_for_physically_challenged Whether the facility has accessible toilets for people with disabilities.

toilet_for_adolescent_girls Availability of gender-appropriate toilets for adolescent girls.

toilets_visibly_clean Whether toilets are visibly clean.

toilet_cleaning_frequency Frequency of toilet cleaning.

toilet_cleaning_frequency_other Additional description of cleaning frequency if not listed.

handwashing_at_toilets Availability of handwashing stations near toilets.

complaint_about_sanitation Whether there have been complaints about sanitation.

complaint_recipient The person or entity who receives sanitation complaints.

group_handwashing_station Whether a group handwashing station exists at the CBCC.

group_handwashing_count Number of group handwashing stations available.

soap_water_at_handwash Availability of both soap and water at handwashing stations.

toilet_has_ventilation Indicates if toilets are adequately ventilated.

toilets_within_30m_cbcc Whether toilets are located within 30 meters of the CBCC.

open_defecation_near_cbcc Presence of open defecation near the CBCC premises.

has_waste_bins Indicates if there are waste bins available at the CBCC.

waste_bins_count Number of waste bins available.

solid_waste_management Method used to manage solid waste (e.g., burning, pit disposal).

solid_waste_management_other Other methods of solid waste management if not listed.

surrounding_clean Whether the general area around the CBCC is clean.

dialogue_on_wash_issues Whether there are community dialogues on WASH issues.

last_wash_inspection Date of the most recent WASH inspection.

cbcc_provides_meals Indicates if the CBCC provides meals to children.

kitchen_sanitary_condition General sanitary condition of the CBCC kitchen.

kitchen_sanitary_condition_other Additional kitchen sanitation details not covered in the main options.

additional_comments_2 Additional enumerator comments related to WASH and sanitation.

cbcc_cleaning_frequency Frequency with which the CBCC is cleaned.

cleaning_materials_used Materials used for cleaning (e.g., soap, bleach).

surface_detergent_available Indicates if surface cleaning agents are available.

disinfection_tools_available Availability of disinfection tools (e.g., gloves, sprayers).

hygiene_poster_visible Whether hygiene promotion posters are visible at the CBCC.

daily_group_handwashing Whether group handwashing is practiced daily at the CBCC.

caregiver_wash_training Whether caregivers have received training on WASH practices.

handwashing_in_cbcc Whether handwashing is practiced regularly at the CBCC.

soap_water_available_now If soap and water were available at the time of data collection.

demonstrate_handwashing Whether learners or caregivers can demonstrate proper handwashing technique.

soap_stock_available Availability of a stockpile of soap at the CBCC.

soap_provider Source/provider of the soap (e.g., parents, NGOs).

learners_hygiene_education Whether hygiene education is provided to children.

hand_hygiene_protocol_visible Visibility of hand hygiene protocols posted on CBCC premises.

slts_triggered Whether the CBCC has been triggered under the School-Led Total Sanitation (SLTS) initiative.

wash_teaching_by_caregivers Whether caregivers actively teach WASH principles.

hygiene_iec_materials Availability of hygiene-related IEC (Information, Education, Communication) materials.

key_handwashing_times Key times when handwashing is practiced (e.g., before meals, after toilet).

key_handwashing_times_other Additional key handwashing times not covered by standard options.

iec_materials_for_training Availability of IEC materials for training purposes.

wash_improvement_equipment Equipment available to support WASH improvements.

wash_improvement_equipment_other Any other WASH-related improvement equipment not listed.

additional_comments_3 Final comments by the data collector on WASH and hygiene at the CBCC.

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