

Package: saniabidjan (via r-universe)

September 24, 2026

Title Sanitation Facility Management in Abidjan, Cote d'Ivoire, 2018

Version 0.0.1

Description This data package contains household survey data collected from two low-income areas of Abidjan, Cote d'Ivoire. The survey was focusing on practices related to the management of sanitation facilities, specifically, latrines and tanks.

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Encoding UTF-8

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URL <https://openwashdata.github.io/saniabidjan/>,
<https://github.com/openwashdata/saniabidjan>

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

Depends R (>= 2.10)

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Description

Household survey data collected from Yopougon and Abobo in Abidjan, Cote d'Ivoire. The survey is about practices related to the management of sanitation facilities, specifically, latrines and tanks.

Usage

saniabidjan

Format

A tibble with 207 rows and 25 variables

area_name Identify survey areas, options including (1) Abobo and (2) Yopougon.

sex Indicates respondents gender, options including (1) female and (2) male.

education Level of education of respondents, options including (1) no: the respondent did not go to school, (2) primary: the respondent has an elementary level, (3) coranic: the respondent went to a Quranic school, (4) high school: the respondent has a high school degree, and (5) graduate: the respondent has a university degree.

housing_type Description of the accommodation unit where the respondent lives, options including (1) common courtyard and (2) individual.

status Indicates if respondent is the homeowner or not, options including (1) free host: the respondent is hosted for free, (2) owner: the respondent is the homeowner, and (3) renter: the respondent is the renter.

lat_facilities Does the surveyed household have latrine facilities?

facilities_loc Specifies the exact location of the latrine in the household, options including (1) house, (2) yard, and (3) out of yard.

facilities_type Describes the type of latrine used in the household, options including (1) pit latrine, (2) improved latrine, and (3) public latrine.

lat_sharing Explains how latrines are used in the household

nb_user Reveals the number of users of the latrines.

impacts_of_sharing Indication of how the respondent perceives the use of latrines, options including (1) hygiene problems, (2) no problems, (3) vulnerable to disease, and (4) waiting line.

lat_care Gives an overview of the people in charge of latrine cleaning, options including (1) myself, (2) no care, and (3) private person, and (4) round turn.

- clean_freq_wk** Specifies the cleaning frequency of latrines in the household.
- tank_presence** Does the surveyed household have septic tank?
- tank_location** Specifies the exact location of the septic tank in the household, options including (1) court yard, (2) out of court yard, and (3) not know.
- latrines_nb** Reveals the number of latrines connecting to the septic tank.
- tk_status** Expresses septic tank performance status.
- empty_freq_yr** Indicates the number of times that the septic tank is emptied during the year in the household, options including (1) 1, (2) 2 and (3) 3.
- empty_mode** Indicates how the septic tank is emptied in the household, options including (1) emptying truck, (2) manual emptying, and (3) truck and manual.
- empty_price** Shows the charge/price (in CFA franc) for emptying the septic tank.
- wastwat_dispos** Show whether the household has wastewater disposal facilities, options including (1) courtyard, (2) open drain, and (3) street.
- waste_cont** Does the surveyed household have solid waste disposal facilities?
- waste_cont_loc** Precise location of solid waste disposal equipment, options including (1) courtyard and (2) out of courtyard.
- cont_empty_wk** Indicates the emptying frequency of solid waste disposal equipment per week
- common_ill** Overview of the most common disease in the household associated with sanitation, options including (1) diarrhea, (2) infections, (3) malaria, and (4) typhoid fever.

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* **datasets**

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