

This readme file was generated on 2025-01-14 by Fikre Zeru and provides a list and description of each file included in the dataset.

AMR_Campylobacter_Result

Dataset title: "Data for: Occurrence, Risk factors and Antimicrobial resistance of *Campylobacter* from Poultry and Humans in Central Ethiopia: A One Health Approach"

Dataset identifier: <https://doi.org/10.5878/bstc-9153>

Overview: The data file AMR_Campylobacter_Result contains raw data on antimicrobial resistance in *Campylobacter* spp. isolated from poultry cloacal swabs, human stool, and poultry house floor sock samples collected in and around Debre Berhan, Central Ethiopia, from March 2021 to March 2022.

Data description:

Sample_ID: A unique sample identifier. The first letter (C) represents the chicken farm, followed by a number (1-3) indicating the round of data collection from the study area. This is followed by a hyphen and a continuous number representing the code for the poultry farm. The Sample_ID corresponds to the Questionnaire_ID in the dataset Campy_Epidemiological_Data_Result.

Campylobacter_spp_Isolated: *Campylobacter* specie *C. coli* or *C. jejuni*

Isolate_source: Indicates the type of sample, such as cloacal swab from poultry, human stool, or poultry house floor sock sample.

Cip: The antimicrobial ciprofloxacin; **R** = resistant, **S** = susceptible.

Ery: The antimicrobial Erythromycin; **R** = resistant, **S** = susceptible.

Tet: The antimicrobial Tetracycline; **R** = resistant, **S** = susceptible.

Nor: The antimicrobial Norfloxacin; **R** = resistant, **NA** = not available.

Str: The antimicrobial Norfloxacin; **R** = resistant, **NA** = not available

Chl: The antimicrobial Chloramphenicol; **R** = resistant, **NA** = not available,

Gen: The antimicrobial Gentamicin; **R** = resistant, **NA** = not available,

Nal: The antimicrobial Nalidixic acid; **R** = Nalidixic acid, **NA** = not available

Oxy: The antimicrobial Oxytetracycline; **R** = Nalidixic acid, **NA** = not available

Isolate_resistant_to: Indicates the number of drugs to which the isolate is resistant.

Resistant_to_class_of_Antibiotics: Indicates the class of antibiotics to which the isolate is resistant.

MDR: multidrug resistance