

Resource Summary Report

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WHONET

RRID:SCR_024495

Type: Tool

Proper Citation

WHONET (RRID:SCR_024495)

Resource Information

URL: <https://whonet.org/>

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Description: Software free desktop Windows application for the management and analysis of microbiology laboratory data with a particular focus on antimicrobial resistance surveillance developed and supported by the WHO Collaborating Centre for Surveillance of Antimicrobial Resistance at the Brigham and Women's Hospital in Boston, Massachusetts. WHONET, available in 44 languages, supports local, national, regional, and global surveillance efforts in over 2,300 hospital, public health, animal health, and food laboratories in over 130 countries worldwide.

Resource Type: software application, software resource

Keywords: management and analysis of microbiology laboratory data

Availability: Free, Available for download, Freely available

Resource Name: WHONET

Resource ID: SCR_024495

Record Creation Time: 20231002T161336+0000

Record Last Update: 20260905T133318+0000

Ratings and Alerts

No rating or validation information has been found for WHONET.

No alerts have been found for WHONET.

Data and Source Information

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at [Kravitz](#) .

Mundalo S, et al. (2026) Molecular detection and antibiotic resistance of diarrheagenic *Escherichia coli* from street food and water in mukuru slums, Nairobi County. *PloS one*, 21(1), e0340081.

Haindongo EHH, et al. (2025) Antimicrobial resistance trends of *Escherichia coli* and *Staphylococcus aureus* isolated from clinical blood cultures in Namibia: a nine-year (2011-2019) retrospective study. *BMC infectious diseases*, 25(1), 1824.

Shin S, et al. (2025) Increase in Penicillin Non-Susceptibility in Group B *Streptococci* Alongside Rising Isolation Rates-Based on 24 Years of Clinical Data from a Single University Hospital. *Antibiotics (Basel, Switzerland)*, 14(9).

Sarhan M, et al. (2025) Implementation of GLASS-AMR: An assessment in WHO's Eastern Mediterranean Region. *Mass gathering medicine (Amsterdam, Netherlands)*, 4, None.

Bahati F, et al. (2025) Effects of health system limitations on the use of blood culture and sensitivity testing in Kenyan county hospitals: an interview-based qualitative study using causal loop diagrams. *The Lancet. Microbe*, 6(1), 100945.

Sujan MJ, et al. (2025) QAAPT: an interoperable web-based open-source tool for antimicrobial resistance data analysis and visualisation. *Frontiers in microbiology*, 16, 1513454.

Holt KE, et al. (2025) Tools and challenges in the use of routine clinical data for antimicrobial resistance surveillance. *npj antimicrobials and resistance*, 3(1), 37.

Justine BN, et al. (2025) Antimicrobial Resistance Surveillance of Skin and Soft Tissue Infections: Hospital-Wide Bacterial Species and Antibigrams to Inform Management at a Zonal Tertiary Hospital in Mwanza, Tanzania. *Infection and drug resistance*, 18, 791.

Wong LY, et al. (2025) Pilot implementation projects in low- and middle-income countries to guide surgical quality improvement using best practice recommendations. *Frontiers in health services*, 5, 1423429.

Markussen DL, et al. (2025) Microbial profiling of community-acquired pneumonia in patients with and without chronic obstructive pulmonary disease: a comprehensive molecular diagnostics study. *Pneumonia (Nathan Qld.)*, 17(1), 19.

Rizvi M, et al. (2024) Regional variations in antimicrobial susceptibility of community-acquired uropathogenic *Escherichia coli* in India: Findings of a multicentric study highlighting the importance of local antibiograms. *IJID regions*, 11, 100370.

Kavai SM, et al. (2024) Multidrug-resistant *Salmonella* Typhi among symptomatic and asymptomatic children in informal settlements in Nairobi, Kenya. *BMC infectious diseases*, 24(1), 1205.

Kavai SM, et al. (2024) Association of Sickle Cell Disease, Malaria and HIV in Multi Drug Resistant Invasive Non-typhoidal *Salmonella* Isolated from Outpatient and Hospitalised Children Below 16 Years in Informal Settlements in Nairobi County, Kenya. *East Africa science*, 6(1), 48.

Liu CSC, et al. (2024) Integrative genomics would strengthen AMR understanding through ONE health approach. *Heliyon*, 10(14), e34719.

Kiiru S, et al. (2024) Enteric bacterial agents associated with diarrhea and their antimicrobial sensitivity profiles in children under 5 years from mukuru informal settlement, Nairobi, Kenya. *BMC infectious diseases*, 24(1), 237.

Divecha CA, et al. (2024) Challenges in implementing an Antimicrobial Stewardship Program (ASP) in developing countries. *Journal of postgraduate medicine*, 70(4), 185.

Thomsen J, et al. (2023) Epidemiology and antimicrobial resistance trends of *Acinetobacter* species in the United Arab Emirates: a retrospective analysis of 12 years of national AMR surveillance data. *Frontiers in public health*, 11, 1245131.

Thomsen J, et al. (2023) Evolving trends among *Pseudomonas aeruginosa*: a 12-year retrospective study from the United Arab Emirates. *Frontiers in public health*, 11, 1243973.

Fu P, et al. (2023) Clinical and molecular characteristics of methicillin-resistant *Staphylococcus aureus* in bone and joint infection among children. *Annals of clinical microbiology and antimicrobials*, 22(1), 104.

Thomsen J, et al. (2023) Methicillin resistant *Staphylococcus aureus* in the United Arab Emirates: a 12-year retrospective analysis of evolving trends. *Frontiers in public health*, 11, 1244351.