

Supplementary File 1: Database Search Strings

Search Date: January 2026

PUBMED

(Nigeria[MeSH:noexp] OR Nigeria[tiab] OR Nigerian[tiab])

AND

("Public Health Surveillance"[MeSH] OR "Disease Notification"[MeSH] OR "disease surveillance"[tiab] OR "surveillance system"[tiab] OR IDSR[tiab] OR "Integrated Disease Surveillance and Response"[tiab] OR SORMAS[tiab] OR DHIS2[tiab] OR "District Health Information System"[tiab] OR eIDSR[tiab] OR "health information system"[tiab] OR "sentinel surveillance"[tiab] OR "event-based surveillance"[tiab] OR "community-based surveillance"[tiab])

AND

("surveillance evaluation"[tiab] OR "system evaluation"[tiab] OR "performance assessment"[tiab] OR "surveillance performance"[tiab] OR "surveillance assessment"[tiab] OR sensitivity[tiab] OR timeliness[tiab] OR completeness[tiab] OR "data quality"[tiab] OR representativeness[tiab] OR acceptability[tiab] OR "positive predictive value"[tiab] OR PPV[tiab])

AND

(2001:2025[pdat])

CABI

(Nigeria OR Nigerian) AND (IDSR OR SORMAS OR DHIS2 OR "surveillance system" OR "disease surveillance" OR "public health surveillance" OR "health information system") AND ("surveillance evaluation" OR "system evaluation" OR "performance assessment" OR sensitivity OR timeliness OR completeness OR "data quality")

Web of Science::

TS=((Nigeria OR Nigerian OR "Federal Republic of Nigeria")

AND

(IDSR OR "Integrated Disease Surveillance and Response" OR SORMAS OR "Surveillance Outbreak Response Management" OR DHIS2 OR "District Health Information System" OR

Nwechi V, Adaka AU, Umar MA, Akinola IF, Abdullahi AA, Madaki PD, Dambazau ZB. Strengthening disease surveillance in Nigeria: A systematic review of performance evidence across IDSR, SORMAS, and DHIS2 platforms. *J Interv Epidemiol Public Health*. 2026;9(3):141. Available from: <https://doi.org/10.37432/jieph-d-26-00214>

"disease surveillance" OR "surveillance system" OR "public health surveillance" OR "health information system" OR "sentinel surveillance")

AND

("surveillance evaluation" OR "system evaluation" OR "performance assessment" OR "surveillance performance" OR "surveillance assessment" OR sensitivity OR timeliness OR completeness OR "data quality" OR representativeness OR acceptability OR "positive predictive value" OR PPV OR "CDC guidelines")

)

SCOPUS

(TITLE ("surveillance system" OR "disease surveillance" OR "public health surveillance" OR IDSR OR SORMAS OR DHIS2) AND TITLE-ABS-KEY (evaluat* OR assess* OR timeliness OR completeness OR acceptability OR representativeness OR "data quality") AND TITLE-ABS-KEY (Nigeria* OR Nigerian*))

GOOGLE SCHOLAR

allintitle: Nigeria surveillance evaluation OR IDSR OR SORMAS OR DHIS2 OR "surveillance system" OR "disease surveillance" "public health surveillance"