Tanzania e-IDSR — AI alert triage for national disease surveillance

AI in the Public Sector · Good practice · Tanzania

Quality score: 67/100

Evidence strength: Observational / pre–post

Summary

Tanzania's Ministry of Health deployed an AI triage layer in its DHIS2 disease-surveillance platform, clearing 85% of a 15,000-alert backlog and reducing processing time from 36–48 hours to near-instant, routing 23% of alerts for human epidemiological investigation.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	2/3
Transparency, fairness & accountability	2/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	2/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-06-25

Tanzania Ministry of Health — accessed 2026-06-25

DHIS2: AI-Driven Alert Triage — Tanzania — accessed 2026-06-25

DHIS2 Community Impact Story — accessed 2026-06-25

arXiv: AI for Public Health Surveillance in Africa — accessed 2026-06-25

PubMed: Improvements in malaria surveillance through eIDSR in Tanzania 2013–2021 — accessed 2026-06-25

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