

IGC and ZamStats Use GPT Models to Speed Up Zambia's Labour Force Survey Coding

AI in the Public Sector · Good practice · Zambia

Quality score: 73/100

Evidence strength: Quasi-experimental

Summary

Zambia's national statistics agency and the IGC tested seven LLMs against 1,059 human-coded Labour Force Survey responses: the best models beat enumerators by up to 17.8 percentage points on industry codes, at under \$10 a year, projected to save over 170 working days annually.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	2/3
Transparency, fairness & accountability	3/3
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 2026-08-31

[Zambia Statistics Agency \(ZamStats\) & International Growth Centre \(IGC\)](#) — accessed 2026-08-31

[IGC working paper \(PDF\)](#) — accessed 2026-08-31

[World Bank symposium presentation \(PDF\)](#) — accessed 2026-08-31

[IGC blog summary](#) — accessed 2026-08-31

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