GOING FORTH CAN ORCHESTRATION OF INFORMAL TRANSPORT TRANSFORM EPI AT SCALE?

BACKGROUND

85% OF EPI COUNTRIES HAVE SUBSTANDARD DISTRIBUTION

FORMAL LOGISTICS MARKETS ARE FRAGMENTED & UNREADY FOR EPI

YET THESE SAME MARKETS HAVE LARGE SURPLUSES OF INFORMAL TRANSPORT WORKERS (ITW)

FINANCIAL MODELING

Supply chain modeling and simulation

METHODS

USER, FIELD, MARKET RESEARCH
Structured observations, KAP surveys, dispatch simulations, and vaccine-handling pre-testing in 10 states in Nigeria (n=100)

STAKEHOLDER MAPPING
Key informant interviews at National Union of Road Transport Workers (NURTW), National Primary Health Care Development Agency (NPHCDA), and UNICEF

FINDINGS

CAPABILITIES OF NIGERIA’S ITWs (2016)

VACCINE MANAGEMENT PRE-TEST OF ITWs

CONCLUSIONS

READY, WILLING & ABLE
Research found a population equipped with the tools and enthusiasm to learn and serve EPI. The size, interest, and availability of the Nigerian ITW “fleet” merit further exploration to determine the exact role of this potentially high-value stakeholder.

PRO-EQUITY
The consolidation that a ubiquitous, centrally orchestrated fleet of ITWs presents could turn distribution into a tool for equity, simplifying and availing implementation financing to put the benefits of outsourcing within reach for even the poorest districts. It further augments existing private-sector source models with an exemplar form of tripartism, availing EPI to new local and global stakeholders.

PROGRESS
Building on the research Field Intelligence has entered into an agreement with the NURTW in Nigeria to bridge its membership to health logistics, which is currently being tested in essential medicines and scaled to vaccines in 2018.

REFERENCES
(3) Assumes outsourcing is net-positive with no loss of civil servant job and replaced with full-time equivalent jobs for ITWs
(4) First map: “EVM Global Data Analysis, 2009-2015
(5) Extrapolates 2015’s quarterly job creation data in Nigeria for an annualized forecast
(7) “Achieving immunization targets with the comprehensive effective vaccine management (EVM) framework immunization programs over the decade, 2011–2020.” Vaccine. 31S (2013) B137– B148

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