Zero-Dose Learning Hub

April 2025

Led by JSI, Gavi's Zero-Dose Learning Hub (ZDLH) is a global learning initiative that supports country-led efforts to generate evidence and engage stakeholders to identify and reach zero-dose (ZD) and under-immunized (UI) children, helping to strengthen immunization programs and expand access to vaccination. As the global learning partner, JSI supports Country Learning Hubs in Bangladesh, Mali, Nigeria, and Uganda to advance evidence-based strategies aligned with Gavi's Identify-Reach-Monitor & Measure-Advocacy (IRMMA) framework. Key ZDLH achievements include demand-driven technical assistance and the development of tools and resources—all aimed at integrating evidence into policy and practice to reduce the number of ZD and UI children, while advancing Gavi 6.0's goals to accelerate equity, scale innovation, and tailor support to fragile and underserved settings.

Photo Credit: Nigeria Learning Hub, AFENET

ZDLH Technical Assistance: ZDLH provides tailored technical assistance (TA) to each Country Learning Hub including training on lot quality assurance sampling (LQAS) for immunization coverage assessment, guidance on costing methodologies for ZD interventions, theory-based evaluation and knowledge translation workshops. TA also includes support developing and refining implementation research protocols, mixed-methods research designs including complexity aware approaches, data collection tools, and data analysis to strengthen evidence generation and application.

Knowledge Translation and Use of Evidence: ZDLH developed a Knowledge Translation (KT) Toolkit to fill a knowledge gap and help transform research into action. The toolkit provides practical guidance on engaging stakeholders, crafting key messages, and measuring impact, ensuring evidence is effectively applied to improve immunization outcomes. Knowledge translation serves as the bridge between research and real-world application.

Evidence Synthesis for Decision-Making: ZDLH semiannual reports synthesize the emerging findings, learnings, challenges, and recommendations from the Country Learning Hubs across the IRMMA framework, providing Gavi and other global and national stakeholders with actionable insights on strategies to identify and reach ZD and UI children.

Global Learning and Implementation Insights: The ZDLH webinar series convenes global immunization experts, researchers, and practitioners to share evidence, insights, and strategies for identifying and reaching ZD children. Topics feature the Country Learning Hub initiatives, including: data-driven decision-making in Nigeria through decentralized immunization monitoring using LQAS; innovative, data-grounded approaches to identify and reach ZD and UI children; and real-world strategies from frontline practitioners to improve immunization programs through microplanning, community engagement, and integrated services. The series promotes discussions on promising interventions and implementation challenges, providing actionable insights to inform Gavi's strategy and national immunization programs.

Zero-Dose Knowledge Base: The ZDLH website serves as a central repository for global knowledge exchange, hosting research outputs, country ZD landscapes, case studies, conceptual frameworks, and technical tools developed by the ZDLH, Country Learning Hubs, and other immunization experts. This knowledge base supports global learning, informs decision-making, and helps stakeholders apply evidence-based strategies in their own immunization programs.