



MATERNAL, NEWBORN, AND CHILD HEALTH (MNCH)

Healthy Mother, Healthy Baby Activity

To improve medical service quality, the USAID Healthy Mother, Healthy Baby (HMHB) Activity partnered with the Tajikistan Ministry of Health and Social Protection of the Population (MoHSPP) to develop and launch a maternal, newborn, and child health (MNCH) application.

As part of HMHB’s broader support to the MoHSPP and other health care stakeholders to build technical capacity, leadership, management, and policy reform potential, the Activity developed an open-source MNCH app. The app, powered by CommCare, comprises a suite of tools designed to help health care workers and community leaders increase the quality of their service delivery. Data flows directly into the District Health Information Software 2 (DHIS2) platform and to a server at the Republican Center for Medical Statistics and Information, ensuring users have health care information at their fingertips to expedite decision-making.

The MNCH app is divided into three versions, each with a different function and target audience:

- 1) **MNCH v1 - Community Based Events (CBE)** tracks HMHB activities, including community social behavior change events, trainings, and peer mentoring sessions, at the district and village levels. The app is designed for HMHB facilitators and currently has 463 users across 380 villages and facilities.
- 2) **MNCH v2 - Antenatal and Postpartum Tracking** captures pre-and post-natal data to monitor and track a woman’s pregnancy. The application helps facilitators and health care workers better support pregnant women to make healthier choices before and after their pregnancies. The app includes a personalized visit scheduler enabling primary health care and village facility users to track patients, remind them of upcoming visits, and provide follow-up if visits are missed.
- 3) **MNCH v3 - Children Under Five Tracking**, currently in its design phase, will enable health care workers to capture and analyze nutrition and child development data for children under five. By capturing key health indicators (e.g., height, weight) for individual patients, health care workers can track progress towards improving MNCH and nutrition outcomes. They can also identify children most at risk of malnutrition to ensure they receive immediate attention. By aggregating data collected at the facility level, the app further supports the MoHSPP and HMHB to make data-driven decisions to improve health and nutrition interventions.

Using local, regional, and global digital best practices, the MNCH application is designed to be adaptable to a wide range of contexts and can be modified beyond its current use. The app’s functionality makes it easy to track unique individuals, ensuring that providers have tailored information to make better decisions and stakeholders can access critical data quality checks and calculations at each point of service. The MNCH app is an important source for health care workers to access education, counseling, and social behavior change materials that will increase uptake of best practices and empower more pregnant and lactating women with knowledge about their health.

TJ HMHB | CBE Community Meeting | Meeting participants

