



Centers for Disease Control and Prevention DP21-2102 Paul Coverdell National Acute Stroke Care Program Grant Evaluation and Performance Measure Plan and Year 1 Implementation Brief

In 2021, the Hawaii State Department of Health's (DOH) Chronic Disease Prevention and Health Promotion Division (CDPHPD) and the Emergency Medical Services Injury Prevention Systems Branch (EMSIPSB) were awarded the CDC-DP21-2102 "Coverdell Grant," a 3-year cooperative agreement from the Paul Coverdell National Acute Stroke Program. The Coverdell Grant aims to support the implementation of comprehensive stroke systems across the continuum of care to help stroke patients and those at highest risk for stroke events.

HHET Evaluation Projects

In the first year of the Coverdell Grant, the Healthy Hawai'i Evaluation Team (HHET) provided evaluation support to help DOH CDPHPD and EMSIPSB meet the CDC evaluation reporting requirements. HHET conducted four projects as described below.

- HHET collaborated with DOH in the development of the **Multi-Year Evaluation and Performance Measure Plan (EPMP)** to monitor the implementation, effectiveness, and impact of three Coverdell strategies selected by DOH (C2, C6, and C7). The EPMP included an overarching narrative describing the general approach that will be undertaken to evaluate the selected strategies, in addition to an evaluation design and data collection matrix outlining specific evaluation activities for the three strategies.
 - **Strategy C2.** Establish and expand statewide data infrastructure through an integrated data management system that links pre-hospital, hospital, and post-hospital follow up data for measurement, tracking, and assessment of quality of stroke care data.
 - **Strategy C6.** Develop and implement patient care practices/patient care protocols within Emergency Medical Services (EMS) and hospital systems to coordinate patient hand-off and transitions in care throughout the stroke systems of care.
 - **Strategy C7.** Establish and strengthen partnerships with relevant state or local stroke coalitions, initiatives, professional organizations, providers, and health systems that provide supports for stroke patients, as well as those at highest risk for stroke events.
- HHET conducted **three projects**, which entailed interviewing DOH strategy leads and key stakeholders for each of the strategies selected (C2, C6, and C7). The projects aimed to capture the implementation efforts articulated by CDPHPD and selected stakeholders of each of the three strategies in Year 1 to provide information regarding the pre-funding context, the barriers and facilitators to implementation that were experienced, and planned program improvements scheduled for Year 2 based on Year 1 evaluation findings. The data collected was used to draft sections of **one Evaluation Overview and three Strategy Specific Year 1 Implementation Briefs** required for CDC evaluation reporting. During the evaluation projects, HHET asked key stakeholders additional questions requested by DOH to help inform programmatic next steps for each strategy. Data from the additional questions were analyzed separately and reported in **three strategy specific supplemental brief reports**.

DOH used the EPMP to plan and collect process evaluation data in Year 1. DOH added the process data to the four CDC Implementation Briefs drafted by HHET and submitted them to CDC in September 2022. Both the EPMP and the Supplemental Briefs were used by DOH to plan Year 2 activities for C2, C6, and C7. The EPMP is a living document that can change as DOH's work plan activities evolve.

Contact:

For more information about the four projects HHET conducted to support the Hawai'i DOH's CDC DP21-2102 Coverdell grant in 2021 and 2022, please contact hheval@hawaii.edu.