

MI-Support: Project Brief

Project Name: Firearm Dashboard for Washtenaw County Health Department [WCHD]

Project Team: Jack Jacobs, Stephanie Iorga, Marisa Eisenberg, Deanna Price, Patricia Krause, Juan Marquez

Project Date(s): April 17, 2025 - September 19, 2025

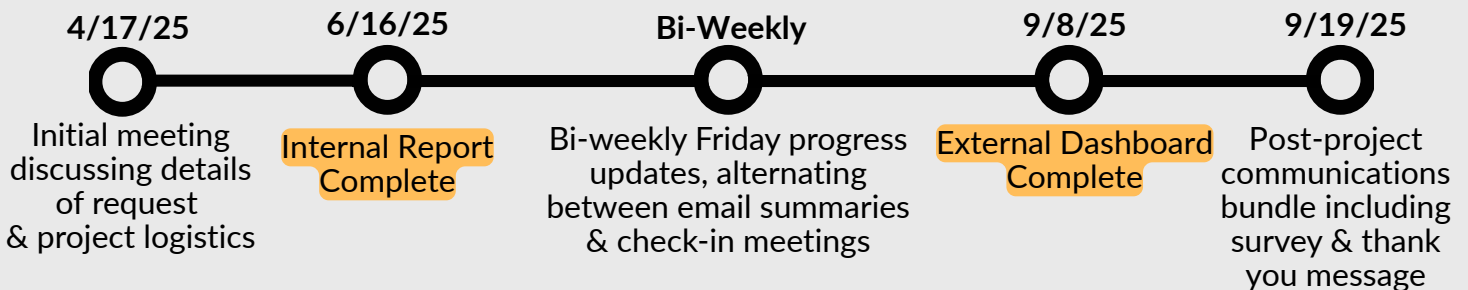
Summary

Deanna Price, Health Promotion Coordinator at Washtenaw County Health Department, requested MI-Support's assistance to develop a suite of interactive reporting tools to strengthen firearm violence prevention activities and enhance the effectiveness of community programs. By equipping WCHD with these tools, the project aims to ensure violence prevention resources are deployed efficiently and in a timely manner.

Objective

To increase the effectiveness of firearm violence prevention programs in Washtenaw County by producing reporting tools that enable Community Violence Intervention organizations to deploy their limited violence prevention resources more efficiently.

Timeline

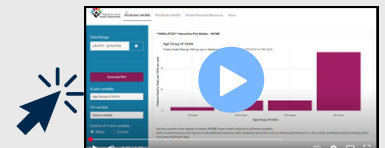


Deliverables

1. A report-generating Quarto that interactively conveys firearm deaths data in Washtenaw County, meant for internal use by WCHD staff.
2. A Shiny app displaying only aggregate data for external use, created as an extension of the internal report.
3. An interactive, Shiny-based "plot builder" app intended for internal use that allows the user to build a custom bar chart over a custom time range.
4. A tool for internal use that produces PowerPoint slides of the figures in the internal Quarto report.

Dashboard Snapshot

Watch a demo of the Firearm Dashboard with simulated data on Youtube.



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