Juvenile Justice Data Reporting Tool

Problem Statement

As part of Missouri's compliance with the federal Title II Formula Grants Program, data must be collected on juveniles detained or confined within the 371 secure law enforcement facilities throughout Missouri. The process for collecting data was extremely paper-heavy and slow with paper surveys mailed to each agency annually. In FY22, additional data was required for compliance, and it became more apparent that a new means of collecting necessary data was needed.

Scope

The project was initiated with three overarching goals. The new tool had to collect the data necessary, collect the data in a convenient format that kept law enforcement's data entry time to a minimum, and reduce staff labor.
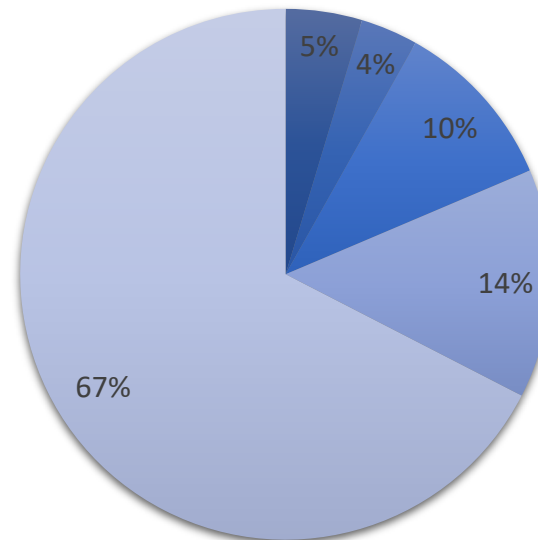
Action

Team Lead, Chris Yeager, with the Crime Victims Services Unit worked with Amanda Wilbers (OpEx Coordinator) and Brandon Wolfe (OA-ITSD) to develop a new online data collection tool using existing software and resources, specifically Survey123 with ArcGIS.

Data

The new system was well received by our partners. Despite an entirely new process, we exceeded 85% completion in the first 15 days! In the past, surveys spent most of their first 15 days in transit. In addition, the new system received feedback ratings of 4.4 out of 5 stars.

Customer Feedback Ratings

Pie chart: 5% (1 Star), 4% (2 Stars), 10% (3 Stars), 14% (4 Stars), 67% (5 Stars)

■ 1 Star ■ 2 Stars ■ 3 Stars ■ 4 Stars ■ 5 Stars

Outcomes

- The necessary data was collected electronically, eliminating paper waste

- The new survey tool kept time and effort necessary to the reporting process to a minimum for our stakeholders

- Now that the tool is set up, the team expects significant reductions in staff labor moving forward

- The new tool has served as a vehicle for linking the law enforcement community to DPS resources

- The new survey links directly to Tableau, allowing for dashboard creations to more easily interpret the data and gather insights