

Traffic Records Integration Program Strategic Plan: FY26-FY28



TRAFFIC RECORDS INTEGRATION PROGRAM

About TRIP

The Washington State Traffic Records Integration Program (TRIP) is a data integration program housed within the Office of Financial Management's Public Safety and Research Policy Center and is funded by a grant through the Washington Traffic Safety Commission. TRIP works with various state agencies to collect and integrate data related to motor-vehicle collisions. The purpose of the TRIP program is to develop and maintain a data repository for public health and safety research to further the goals of the Washington's Target Zero plan to achieve zero fatalities or serious injuries on Washington roadways.

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Version History

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Table of Contents

- About TRIP1
- Introduction3
 - Purpose3
- Strategic Plan: FY26-FY284
 - Data Governance and Sharing Activities.....4
 - Data Integration and Maintenance Activities.....4
 - Research and Analytical Activities5

Introduction

Purpose

This document describes upcoming and ongoing goals for TRIP and the associated strategies TRIP staff will employ to accomplish these tasks. Information related to the TRIP program, its data, and procedures are included on the [TRIP website](#).

Strategic Plan: FY26-FY28

Data Governance and Sharing Activities

The TRIP program is responsible for the establishment and maintenance of a data governance program policies and procedures to appropriately obtain, manage, and protect data within the TRIP program, and to share it as appropriate with external researchers. The following goals support TRIP's responsibility for governance of data and the sharing and support of TRIP endeavors.

Goal 1: Support the data governance program for TRIP

Completion criteria:

- Maintain data sharing agreements (DSAs) for data obtained from our data providers as program requirements or data needs or availability change. DSAs for new data feeds will be created as necessary.
- Create and maintain DSAs for data provided to researchers as necessary and fulfill related responsibilities.
- Maintain [TRIP's Data Governance Manual](#) with respect to program changes and leverage industry standards and best practices to secure TRIP data
- Create and maintain TRIP's security and data privacy plan, including published documentation of this plan for stakeholders.
- Maintain materials (i.e., Study Amendment Requests, Continuation Approval Request, etc.) for WSIRB and monitor compliance with WSIRB requirements.

Goal 2: Provide support for the incorporation of data into the TRIP repository

Completion criteria:

- Maintain relationships with data providers via routine meetings. TRIP staff will meet with each data provider annually, at a minimum.
- Profile incoming data sources to support data accuracy, appropriateness, and linkages across data sets. All data set updates to be integrated into the TRIP repository will be profiled by TRIP staff for validity, completeness, and quality.
- Create data quality reports for agencies supplying data to the TRIP database. Data reports will be generated upon completion of data profiling and linking and will be provided to the agency supplying the data set for existing data sources and for new or updated data sources. Data quality reports will include information pertaining to the perceived validity of the data and will note perceived discrepancies within the data or between the data and other TRIP data sources.

Goal 3: Support stakeholder utilization of the TRIP repository

Completion criteria:

- Maintain the data request and data request approval processes including externally facing documentation of these processes on the TRIP website.
- Maintain [TRIP's Data Handbook](#) with respect to data, system, and methodology changes.
- Maintain TRIP's *Data Dictionary* with respect to data changes.

Data Integration and Maintenance Activities

This is a central activity for the project and each data source will undergo the data integration process, data readiness, data dictionary, data profiling, and data validation. These tasks include:

Goal 1: Support TRIP endeavors with knowledge sharing

Completion criteria:

- Create dashboards to represent some of the ongoing data analyses, visualizations, and data quality linkages conducted by TRIP.
- Create annual data feeds and standardize data marts. This will include but not be limited to: setting up data feed for WSTC to improve FARS reporting, creating annual data feed to DOT with Toxicology data to improve drug and alcohol reporting, and annual data feed to DOT with DOH data to improve injury reporting.
- Create an annual data quality report to refocus all current data quality reporting tracks. End users of TRIP data would have a source of information about the data quality metrics which would be more in-depth than a public facing dashboard can provide. The annual data quality report will be sent to all data suppliers for review and approval.
- Evaluate current and potential datasets regarding their appropriateness for inclusion in the TRIP repository.

Goal 2: Support existing process flows and documentation

Completion criteria:

- Maintain and test all related extraction, transformation, and loading data functions.
- Maintain and assess business rules and document data constraints to maintain data integrity.
- Refine and execute methodologies to establish linkages between datasets within the repository.

Research and Analytical Activities

Research and analytical activities are critical for the TRIP's mission and goals. Note: The TRIP will support external requests which will include completing external research processes, WSIRB processes, data sharing and contract production, and review with data partners. This section is intended to discuss internal research and analytical activities.

Goal 1: Assessing Disparities and Disproportionality in Traffic Safety

Completion criteria:

- Finding where these inequalities are within traffic safety and public health, and determining changes to health, court, and traffic policies or practices to reduce those inequalities is vital. An assessment of potential disparities in traffic safety will be a useful tool for policymakers and the public to assess the disproportionality.

Goal 2: The Impact of Motor Vehicle Crashes on the Washington State Healthcare System

Completion criteria:

- Assessing the impacts of Motor Vehicle Crashes (MVC) (both due to DUI and non-DUI related behavior) on Washington State inpatient and outpatient community hospital admissions and discharges, emergency department (ED) visits, and Emergency Management Services (EMS) in urban and rural MVC rates.

Goal 3: The Impact of Motor Vehicle Crashes on Washington State Court System

Completion criteria:

- Exploring the impacts of Motor Vehicle Crashes (MVC) (both due to DUI and non-DUI related behavior) on Washington State court systems