![VERMONT AGENCY OF TRANSPORTATION]

FACT SHEET

Strategic Highway Safety Plan Website and Dashboards

Introduction

The Strategic Highway Safety Plan (SHSP) provides the definitive framework for reducing fatalities and major crashes on public highways in Vermont. Core to the SHSP are the 11 Critical Emphasis Areas (CEAs) which are developed based on historic crash data collected during the previous SHSP cycle. The SHSP website and dashboards work to make the underlying data used in developing the SHSP available to stakeholders, keeping them informed with near real-time data for analysis and monitoring.
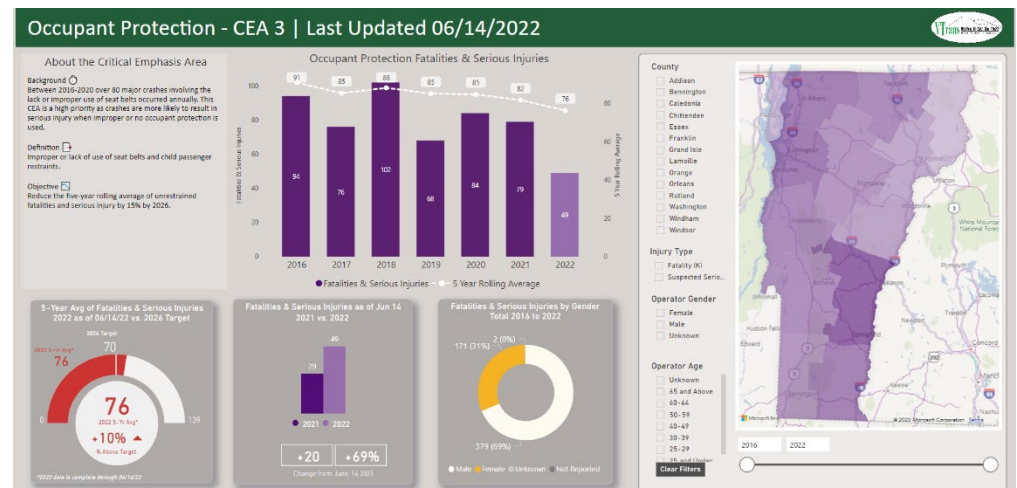
Methodology

The Operations and Safety Bureau's Data and Analysis team integrated crash data already used for SHSP report into interactive and updated on demand dashboards. The existing crash data is stored in and queried from SQL databases for generation of the report. The same data sets are accessed and displayed in near real-time interactive reports for use by internal and external customers.

Next Steps

The Data Analysis and Integration CEA is an effort to continue VTrans' progress toward becoming a high-quality data analytic and decision-making organization. The connections between all CEAs and the effort for improved data gathering and evaluation illustrate how data can be used to support a Safe System approach.

Potential Impacts and VTrans Benefits

Accurate and timely data on roadway characteristics, traffic, and crashes are essential for addressing the goals and objectives of all CEAs in the SHSP. Furthermore, these data should be authoritative and accessible to all relevant stakeholders in Vermont.