



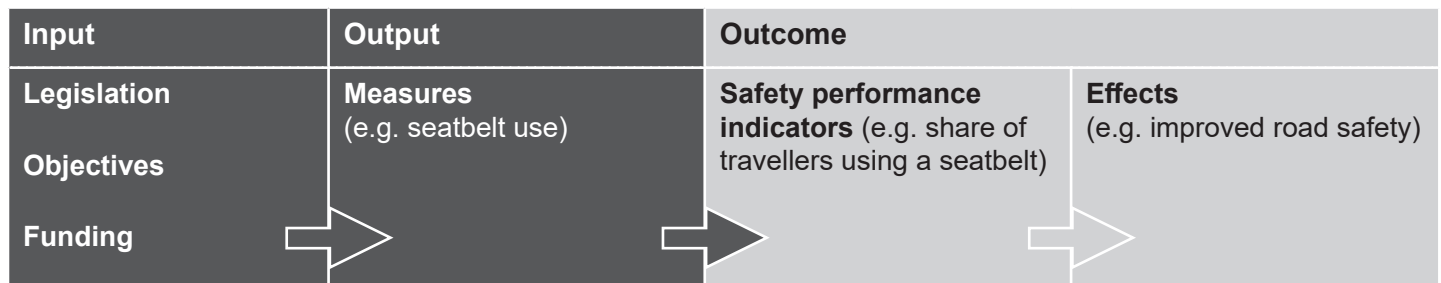
# ROAD SAFETY PERFORMANCE INDICATORS

Sep 2024

The Tasmanian Government is reporting against Safety Performance Indicators (SPIs), to monitor the performance of the government's actions taken under the Towards Zero – Tasmanian Road Safety Strategy 2017-2026, and Towards Zero Action Plan 2020-2026 (Action Plan).

## WHAT ARE SAFETY PERFORMANCE INDICATORS?

Safety Performance Indicators (SPIs) are key measures of risk in a road network. SPIs provide a more holistic understanding of the level of safety in the road network, reasons for why crashes happen, and help detect emerging issues before they result in crashes. The diagram (below) illustrates SPI's as outcomes, informed by inputs (such as government policy objectives and funding in the Action Plan), and outputs (measures such as seatbelt use).



## WHY USE SAFETY PERFORMANCE INDICATORS?

SPIs guide what progress the Tasmanian Government needs to achieve to reduce road trauma on the Tasmanian road network and make progress towards a safe system for all road users.

Historically, road safety performance has been measured based on the level of trauma on the road network, often presented as annual levels of fatal and serious injuries. Although this method is one way of presenting road safety progress, it is often influenced long after action has been taken.

Incremental improvements across Tasmania's SPIs represents progress towards a system that is safer and more survivable for road users.

## HOW IS INFORMATION GATHERED TO INFORM SAFETY PERFORMANCE INDICATORS?

Information sources that are used to inform SPIs include data samples from enforcement activities, data samples from independent surveys, data from statewide network traffic, and data from the Tasmanian Government's database for vehicle registrations.

## HOW WILL SAFETY PERFORMANCE INDICATORS HELP IMPROVE ROAD SAFETY OUTCOMES?

SPIs help guide road safety action by providing policy makers with feedback on whether road safety efforts are making the expected impact on reducing road safety risk on Tasmanian roads. SPIs can help to identify where policy research is required to understand what practical solutions can help reduce remaining risks, or where current actions are already in place but only impacting safety to an extent, helping inform potential future actions.

## SAFETY PERFORMANCE INDICATORS AND THE SAFE SYSTEM APPROACH TO ROAD SAFETY

SPIs cover four areas of the Safe System approach to road safety (<https://rsac.tas.gov.au/road-torque/episode-4-the-safe-system/>), including Safe Road Users, Safe Roads and Roadsides, Safe Vehicles and Safe Speeds. An SPI baseline information sheet presents a list of SPIs, grouped under Safe System areas.

- Baseline figures for SPIs are being developed. See the 'List of Safety Performance Indicators' information sheet for further information.