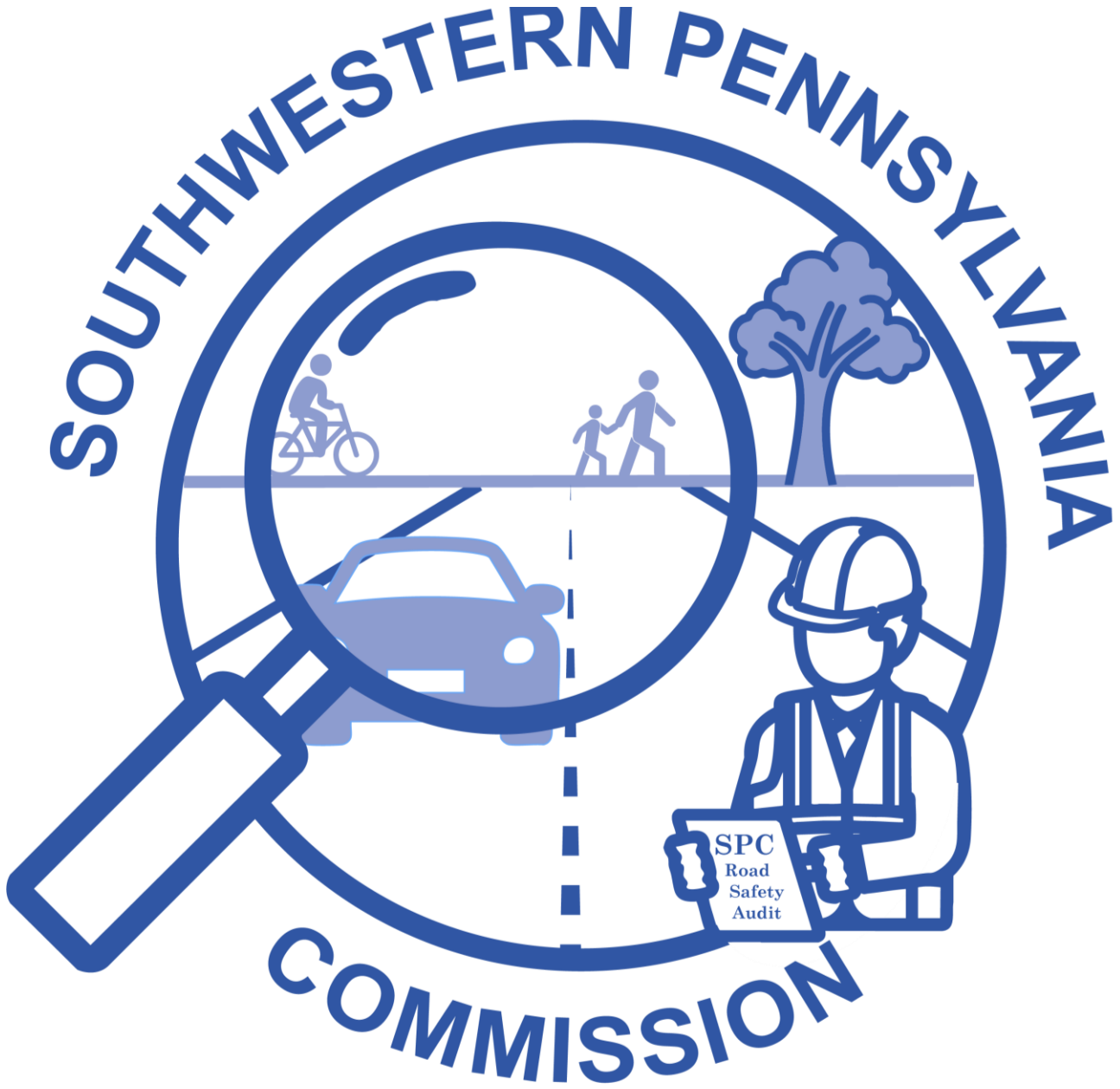


Road Safety Audits

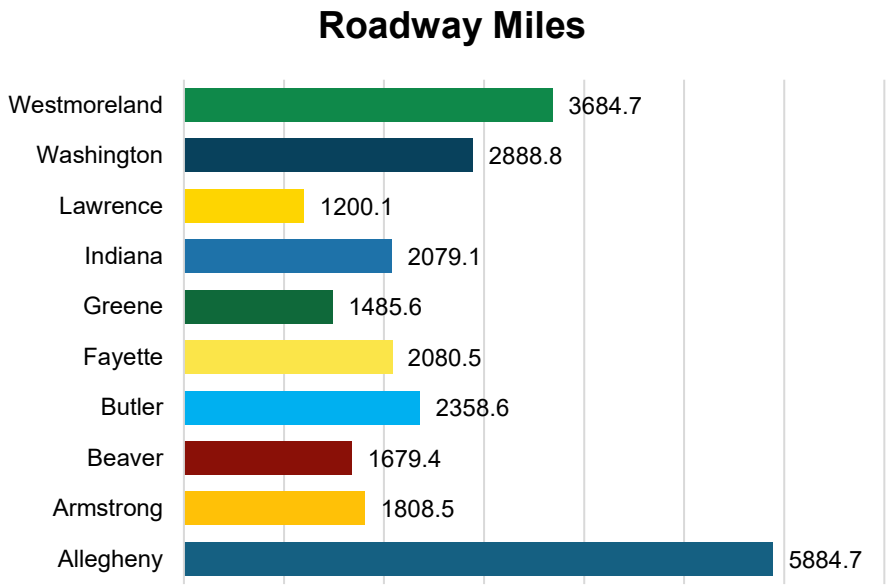
Evaluations & Updates

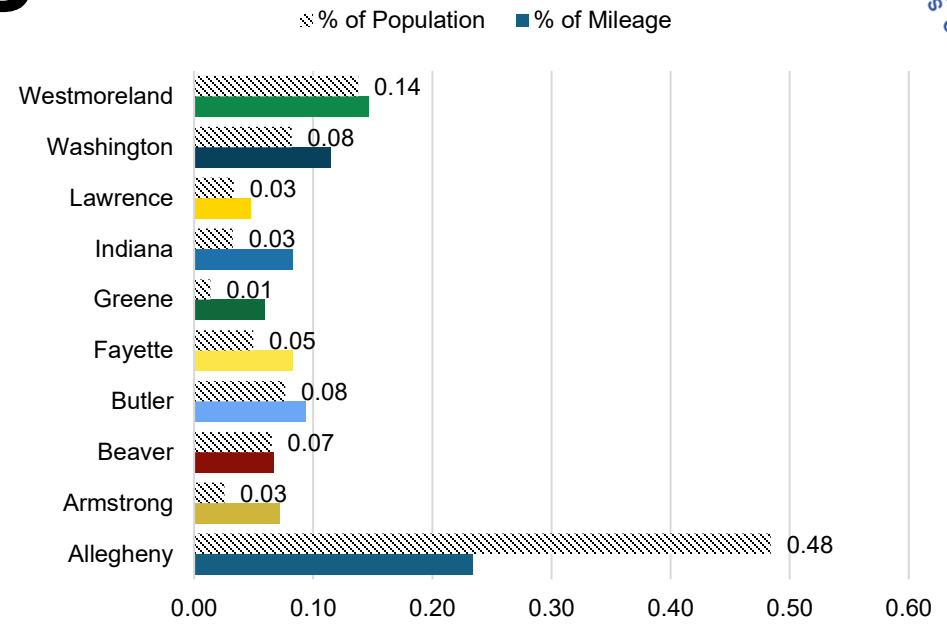
Operations & Safety Forum

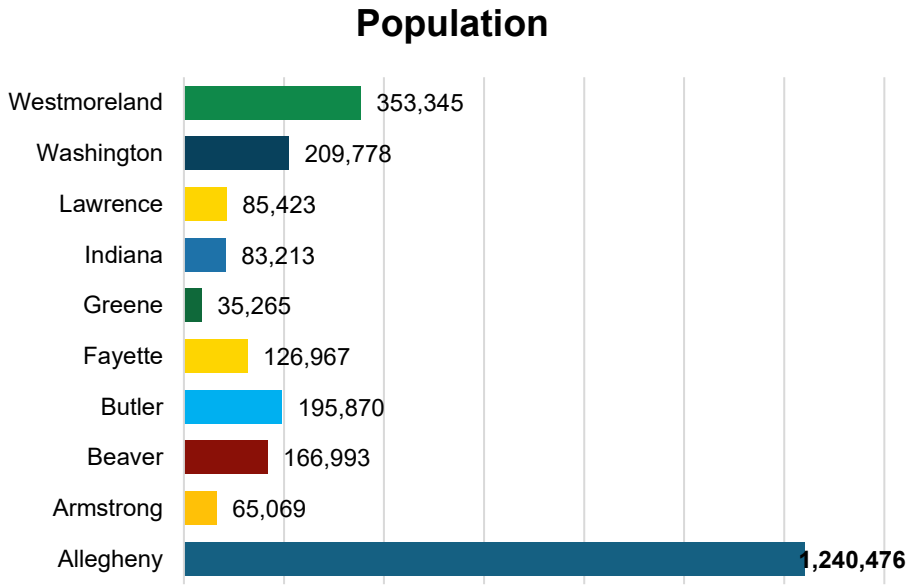
May 7, 2026

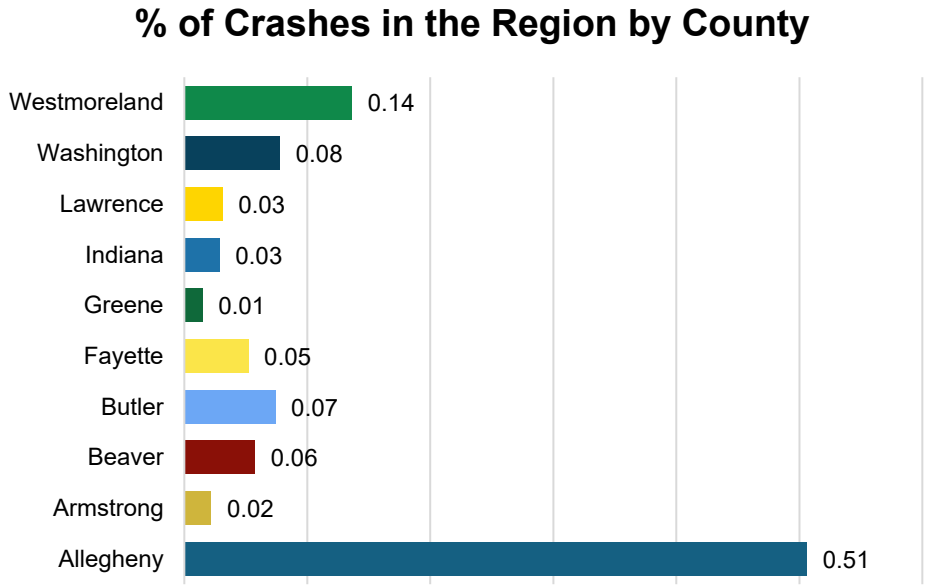
Virtual

County Fundamentals



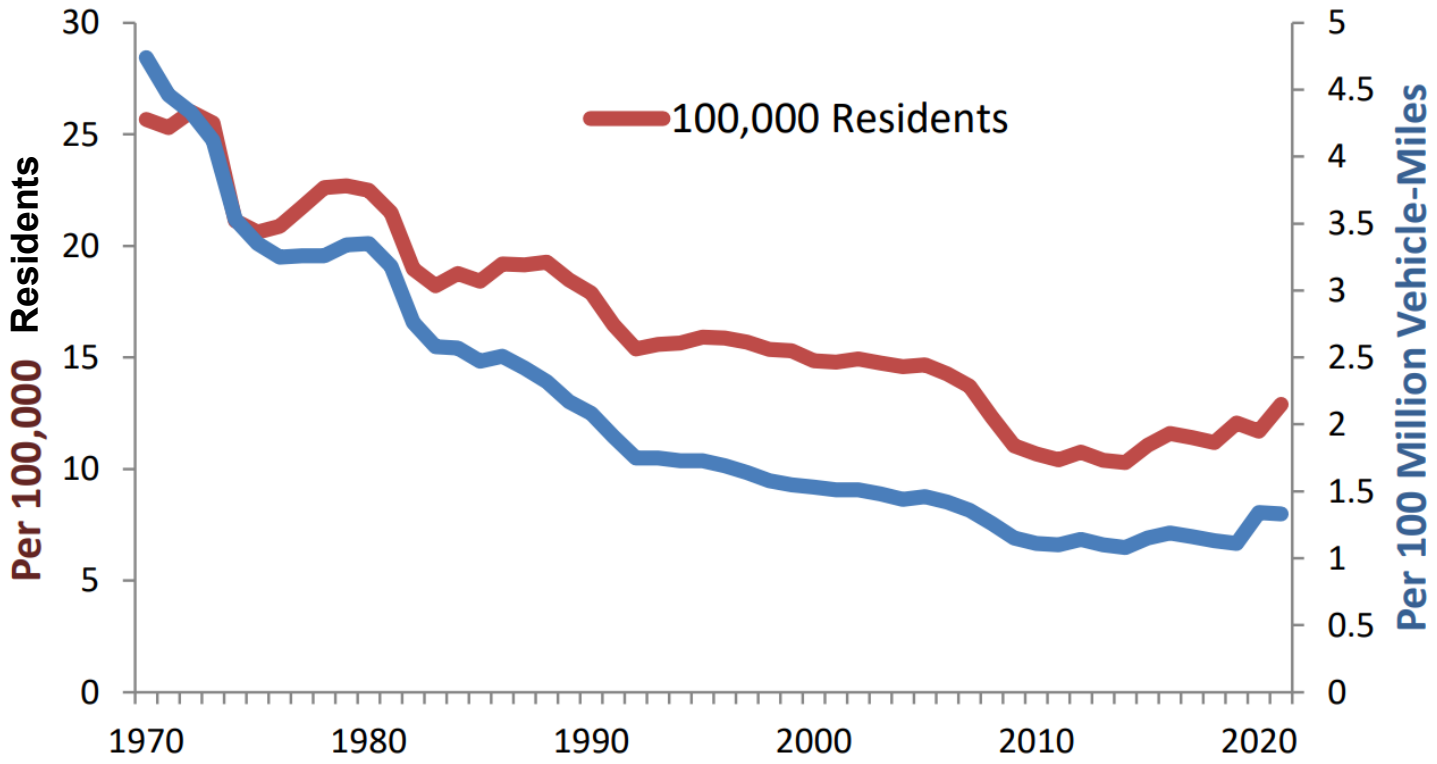






EXPOSURE

So should we measure by miles traveled (distance-based) *or* by population (per capita)?



Although traffic death rates declined between 1970 and 2010, they subsequently increased, indicating that new strategies are needed to achieve ambitious traffic safety targets.

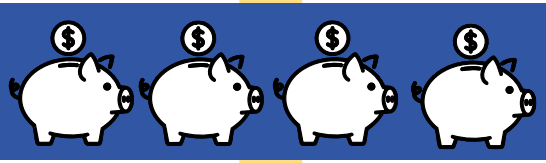
Time & Funding Breakdown

Safety Study PennDOT

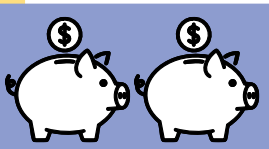
Road Safety Audits

Systemic Improvements

HIGH-COST SPOT SAFETY PROJECTS

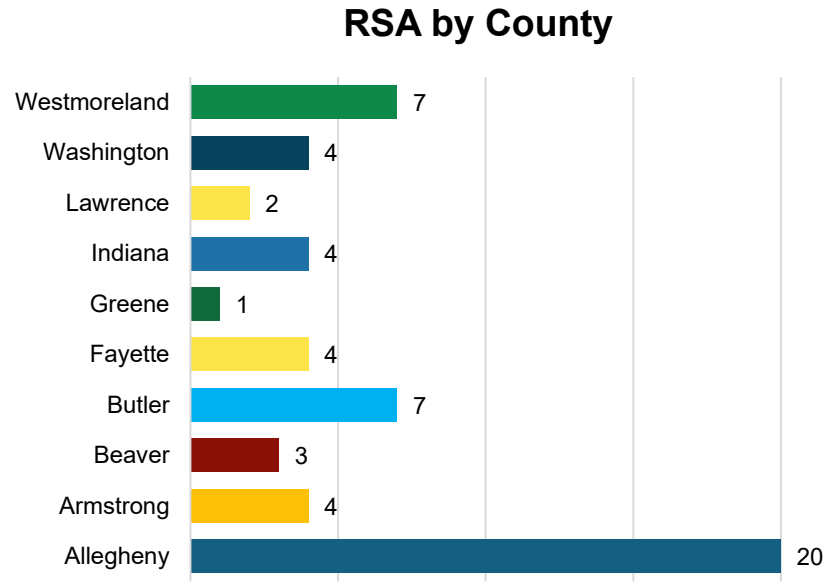


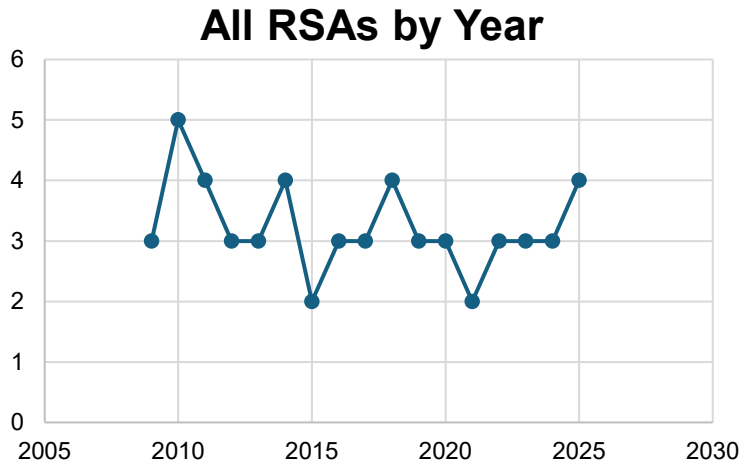
LOW TO MEDIUM-COST SPOT SAFETY PROJECTS



LOW-COST, RISK-BASED TREATMENTS

Road Safety Audits with SPC

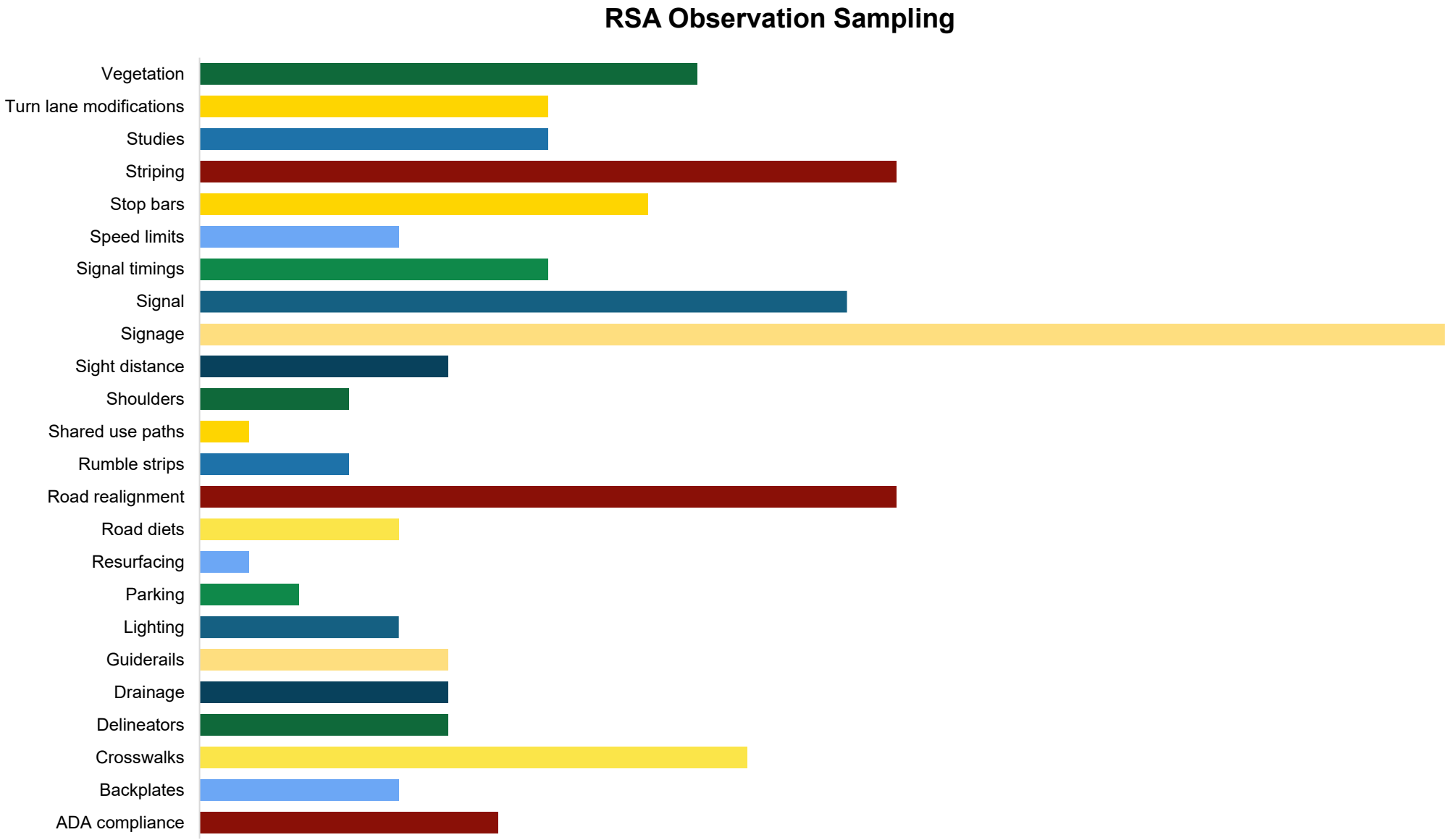




7 intersections & 48 corridors since 2009

Pennsylvania, in 2026. US roadway design is one factor contributing to the country's high traffic deaths. Driver behavior is the other primary factor. *Photographer: Matthew Hatcher/Bloomberg*

Projects or Maintenance?



Homework Assignment:

Date	Roadway Segment	Municipality	Summary of Work
2022	SR 8 0600-0750	Slippery Rock Twp Brady Twp	Repave surface, reinstall center line rumble strips, reinstall “SLOW” intersection markings, install RPMs on centerline, bracketed intersection signs with road name & advisory speed, new layout of passing zones, installed transverse optical speed bars, & upgrade guide rail & end treatments
	SR 4010		Install transverse rumble line & relocated stop bars
2025	SR 8 0720	Slippery Rock Twp	Upgrade flashing warning beacon & install intersection conflict warning devices
	Sr 4010	Slippery Rock Twp & Cherry Twp	Seal-coated (not over markings)

SAMPLE

SAMPLE IMAGE
LOCAL ROAD SAFETY PLA 202X
SOUTHWESTERN PENNSYLVANIA COMMISSION
SPC
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Thank you!