

Site-Specific, Systemic, and Systematic Analysis

Objective: Review the three primary methods for safety data analysis and reflect on which approach method might be best suited for your community.

Activity Instructions:

- 1) **Develop priority crash types that lead to severe crashes for your community.**
 - a) Develop a shortlist of crash types (often referred to as emphasis areas in a Strategic Highway Safety Plan (SHSP)) that might be a priority for your Action Plan. Consider starting with your State's SHSP to see what your State DOT prioritizes and also review your State's crash data.
 - i) What are common crash types?
 - ii) Who is often involved in severe crashes?
 - iii) What specific time of day, day of the week, or month of the year do severe crashes occur?
- 2) **Use the Activity Worksheet to reflect on potential approaches to address these crashes and how you could prioritize locations and deploy countermeasures for each approach.**
- 3) **Record any next steps or actions you can take after this activity.**



[https://highways.dot.gov/safety/h
sip/shsp/shsp-database-search](https://highways.dot.gov/safety/h
sip/shsp/shsp-database-search)

Use the QR code or link to access FHWA's SHSP Database and find your SHSP for reference during this activity.

Activity Worksheet: Site-Specific, Systemic, and Systematic Analysis

	Site-Specific (High Injury Network or Intersections)	Systemic (Risk Based)	Systematic
Data Needs (if any)			
Potential Countermeasures that Address your Crash Type(s)			
Ideas for Prioritizing Locations			

1) List priority crash types (i.e., ones that result in fatalities or serious injuries).

2) Document your approach to addressing the crash types.

3) Record any next steps or actions you can take after this activity.