SOS was developed using a collaborative, cross-sector approach, incorporating stakeholder feedback to optimize usability and uptake.

SOS collects, cleans, and geocodes daily data feeds from several sources to display suspected fatal and non-fatal overdoses in Michigan.

Evaluated SOS using CDC Guidelines:

- **Timeliness:** Most data received within 1 day of the incident.
- **Flexibility:** Updated for bugs weekly & optimized for easy feature addition.
- **Acceptability:** Minimal burden on data providers; average 6 new users a week.
- **Completeness:** Population coverage is 100.0% for EMS and 79.1% for ME data.
- **Accuracy:** ≈77.2% positive predictive value for suspected overdose deaths.

Enables stakeholders to optimize resource distribution with timely and spatially granular data.