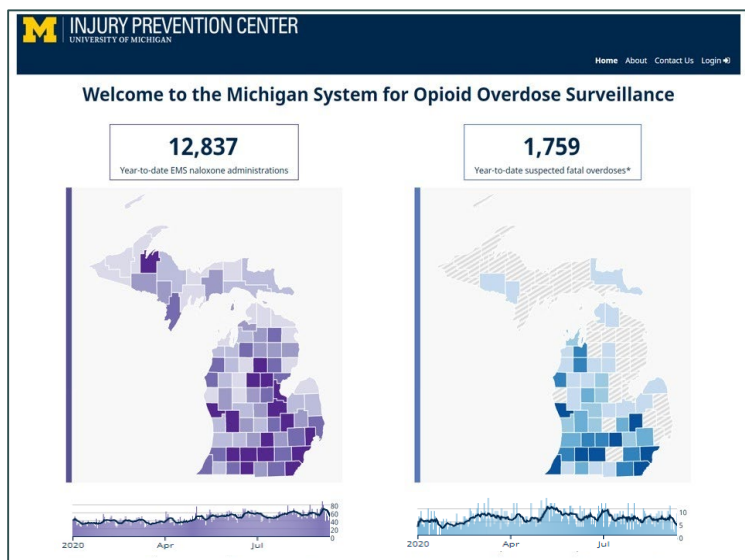


# MICHIGAN SYSTEM for OPIOID OVERDOSE SURVEILLANCE (SOS)

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:**  $\approx 77.2\%$  positive predictive value for suspected overdose deaths

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

