

How can we use local data to prevent substance-related harms?

Iowa State University's Public Science Collaborative designs and co-creates custom, community-based opioid monitoring systems to reduce substance-related harms. Example monitoring and evaluation systems include:

Each system is developed in collaboration with local coalitions to monitor substance use trends and support data-driven interventions targeting opioid and stimulant harms. These data systems can be used to:

The Lee County Opioid & Stimulant Monitoring System

The Tri-County Substance Use Surveillance System in Jones, Jackson, & Dubuque



Our decision support systems typically include data features and insights about:

-  **The locations of pharmacies, bars, and liquor stores.**
-  **Opioid pain pill distribution over time**
-  **Times and locations of 911 calls related to families, substances, and violence**
-  **Operating while intoxicated car crashes**
-  **Demographic characteristics of people entering substance use and gambling treatment**



Spot community hot spots where substance-related issues are most common.



Guide smart placement of naloxone vending machines and other life-saving resources.



Monitor changes in time and location of community problems to support effective planning and intervention.



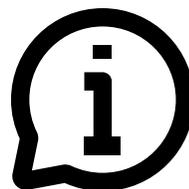
Identify problem retailers that need extra oversight through compliance checks.



Coordinate prevention efforts with schools and organizations near high-risk areas.

Interested in Having a System Build in Your Area?

We'd love to meet you! PSC engages communities through listening and training sessions to better understand local needs and priorities. We love to help community decision-makers utilize their own local data to solve problems. Let us know if there is an opportunity for us to collaborate with you by emailing us at publicassist@iastate.edu



Scan here to find the dashboards and learn about the Public Science Collaborative!



Visit our **Insights Library** at publicsciencecollaborative.org to find the Lee and Tri-County opioid and stimulant monitoring systems, as well as substance use monitoring systems developed in 13+ communities in the Midwest.