



Michigan Substance Use Vulnerability Index

The Michigan Substance Use Vulnerability Index (MI-SUVI) is a tool for program planning and policy decision-making. The MI-SUVI measures vulnerability to individual and community adverse substance use outcomes. It is a standardized, composite score based on eight indicators related to three "components": substance use burden, substance use resources, and social vulnerability. Kalamazoo County ranks 50 out of 83 counties in the state.

Substance Use Burden

- Overdose Death Rate
- Nonfatal Overdose Emergency Department Visit Rate
- Opioid Prescribing Data
- Drug-Related Arrest Rate



Substance Use Resources

- Population Percent within 30 Minute Drive of Treatment Center
- Percent Population within 15 Minute Drive of Syringe Services Programs (SSP)
- Buprenorphine Prescribing Rate



Social Vulnerability

- Modified Centers for Disease Control Social Vulnerability Index



**Michigan
Substance Use
Vulnerability
Index**

MI-SUVI Rank

50

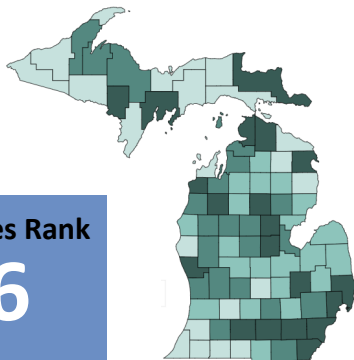
Kalamazoo County is the 50th most vulnerable county (out of 83) in Michigan with regard to substance use, with a MI-SUVI score comparable to the county average.

MI - SUVI

Percentile Rank

● 0-25th ● 25th-50th ● 50th-75th ● 75th-100th
Least Vulnerable Most Vulnerable

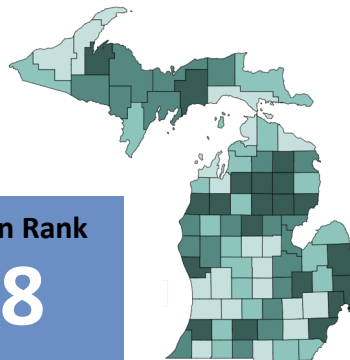
Substance Use Resources



Resources Rank

36

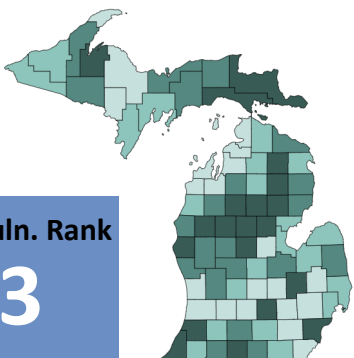
Burden



Burden Rank

48

Social Vulnerability



Social Vuln. Rank

43

MI-SUVI and component scores are Z-scores.

Each data indicator included in the SUVI is standardized by mean and standard deviation to a z-score. Before adding, the resource component is inverted so that a higher z-score corresponds with a worse outcome. Indicators are equally weighted in components, and components are equally weighted in the MI-SUVI score.

To view the most up-to-date data, visit the [Michigan Overdose Data to Action Dashboard](#). For more detailed information on the development and methodology of the MI-SUV and included data indicators, please reference the [MI-SUV Documentation](#).