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Drug Overdose Deaths in Indiana (CDC Data)

Indiana is notoriously bad at collecting accurate overdose data.

We have a decentralized coroner system and are ranked 5th in the U.S. for our use of “unspecified” ICD codes.

The most accurate way to provide surveillance on drug overdose deaths is through toxicology results.
We collect toxicology data on all drug overdose deaths in Marion County.

Using these data we have:

- Examined the prevalence of opioids in unspecified cases.
- Tracked the detection of various opioid substances.
Fentanyl Detection in Marion County

![Graph showing the detection of fentanyl, heroin, morphine, oxycodone, hydrocodone, oxymorphone, and hydromorphone over time from 2010 to 2016. The graph indicates an increase in fentanyl and heroin detections, with a peak in 2016.]

![Scatter plot showing the distribution of fentanyl test results by exact date of death from 2011 to 2017. The plot indicates a rise in positive test results over the years.]
Visualization of Marion County Toxicology Results

Trends in Opioid Substances - 2010 to 2017

So far in 2018 the number of drug overdose deaths recorded are -
Perceived Need and Future Directions

- Without timely and accurate data it is difficult to assess the impact of policies or interventions.

- The opioid epidemic has become highly politicized with little action; local communities need to be aware of the scope of the problem.

- Future directions include expanding to other counties and integrating other data sources: