



Opioid Overdose Prevention Presentation

**NARCAN TRAINING &  
HARM REDUCTION PRESENTATION**



**Ingham County**  
**Health Department**

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# Ingham County Health Department (ICHHD) Health Equity Statement

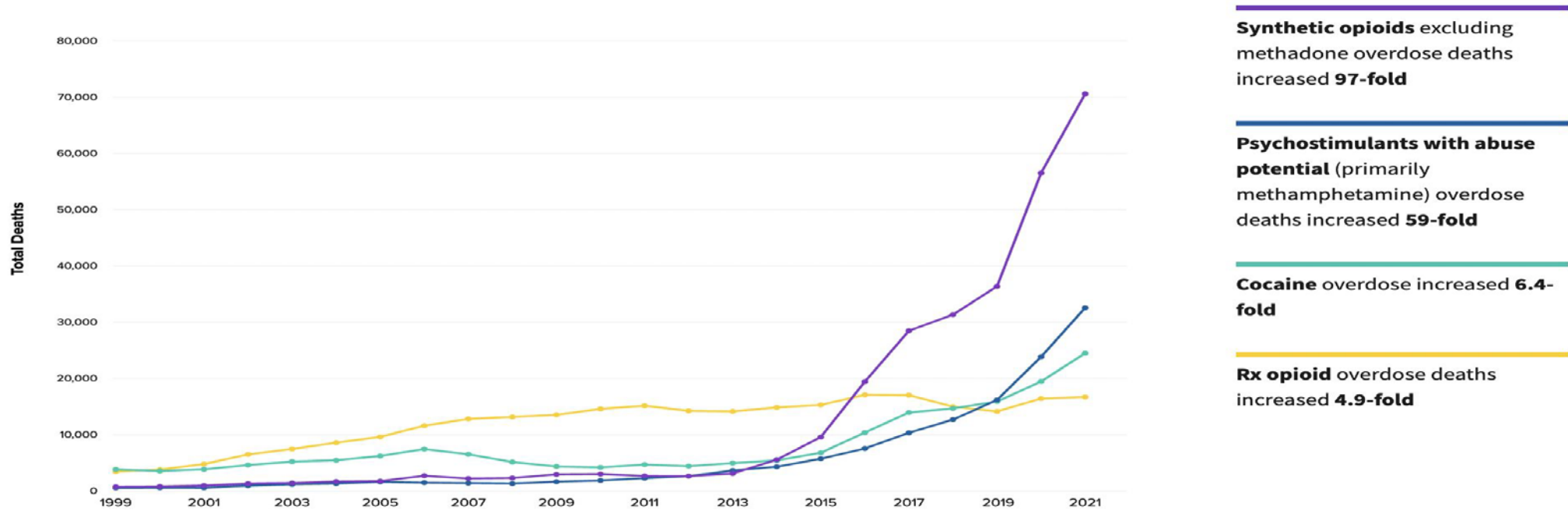
**ICHHD acknowledges that health is impacted by many factors. One set of factors contributing to disparities is the way society, people, and institutions have been designed to preserve historical power through systems such as racism, sexism, ableism, heterosexism, and other forms of oppression.**



# Fentanyl is Driving Overdose Deaths

## Trends in U.S. Drug Overdose Deaths (1999 - 2021)

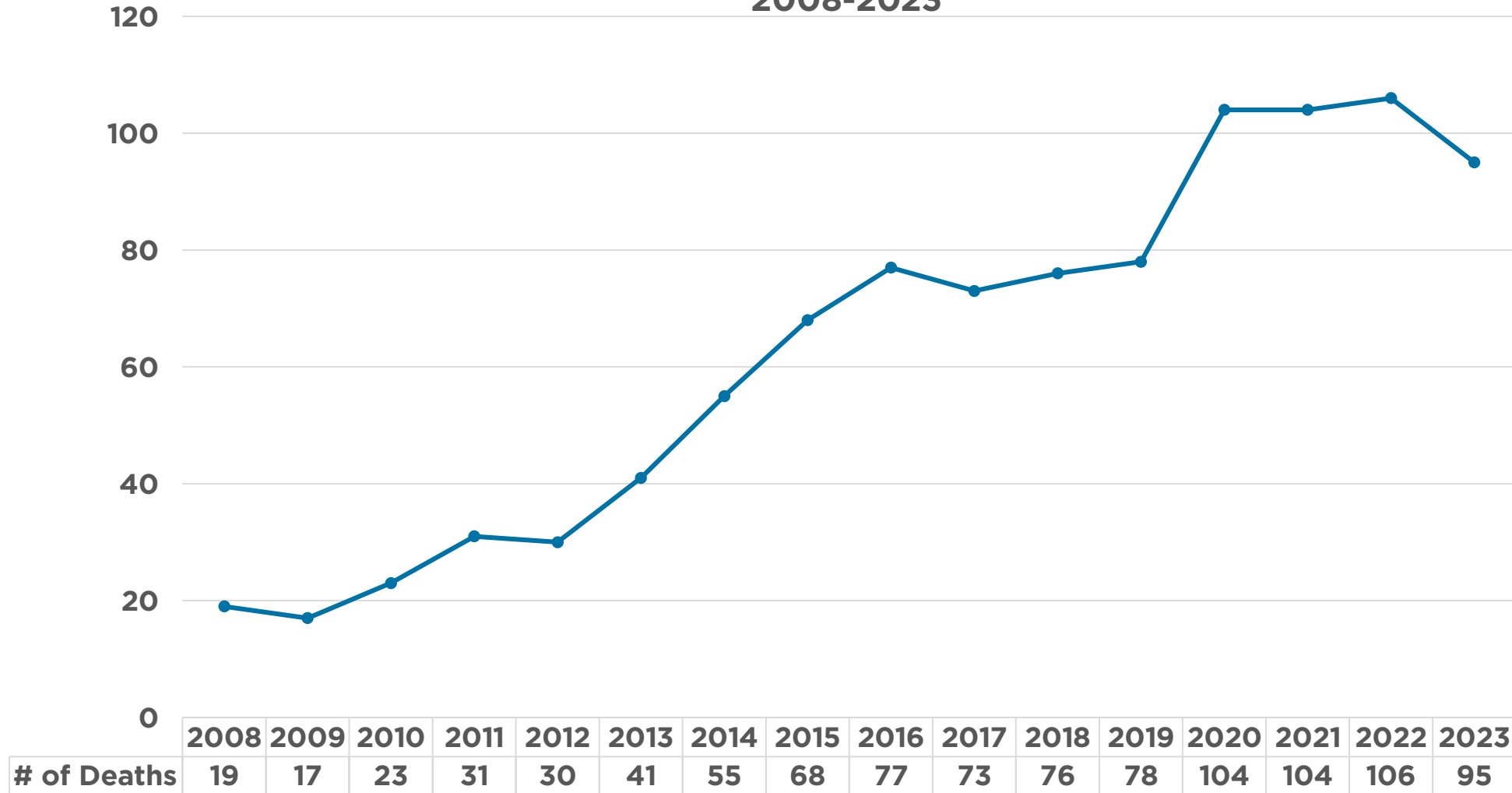
The overdose crisis has evolved over time and is now largely characterized by deaths involving illicitly manufactured synthetic opioids, including fentanyl, and, increasingly, stimulants.



This graph shows the total number of drug overdose deaths in the United States from 1999 to 2021 (the 2021 are provisional). The data shows that overdose deaths involving synthetic opioids excluding methadone have increased 97-fold. Overdose deaths involving psychostimulants (primarily methamphetamine) with abuse potential have increased 59-fold. Overdose deaths involving cocaine have increased 6.4-fold. And overdose deaths involving prescription opioids have increased 4.9-fold. [Source: National Vital Statistics System Mortality File](#)

# Opioid Related Deaths in Ingham County:

Number of Opioid-related Deaths Among Ingham County Residents  
2008-2023

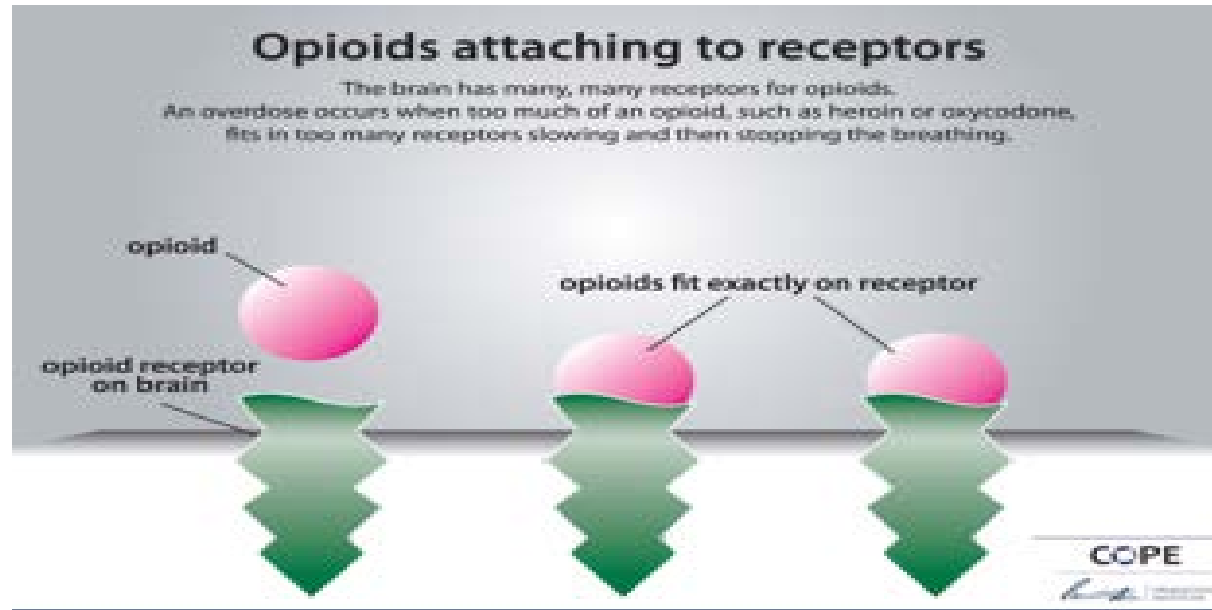
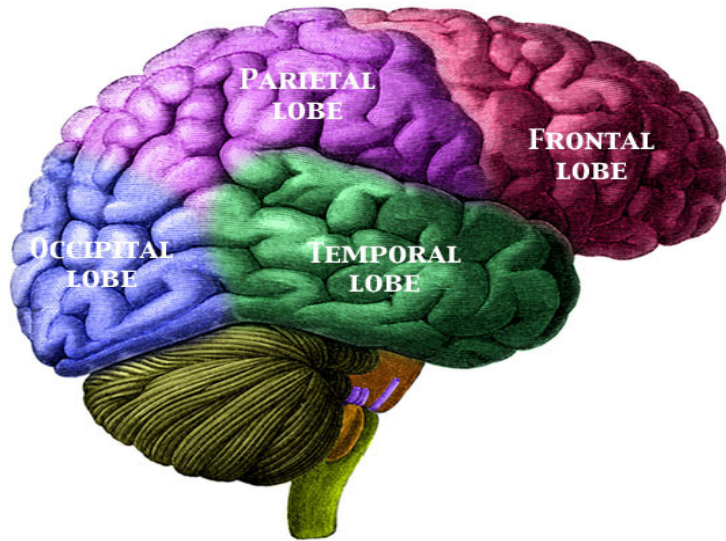


# What are Opioids?

- Opioids are a class of drug including both prescription pain medications and illicit drugs
- Opioids include prescription pain medications such as morphine, codeine, oxycodone, hydrocodone, methadone, fentanyl, and tramadol, and the nonprescription drug heroin
- The purpose of prescription opioids is to treat acute pain
- Opioids activate the reward center of the brain, creating a sense of euphoria

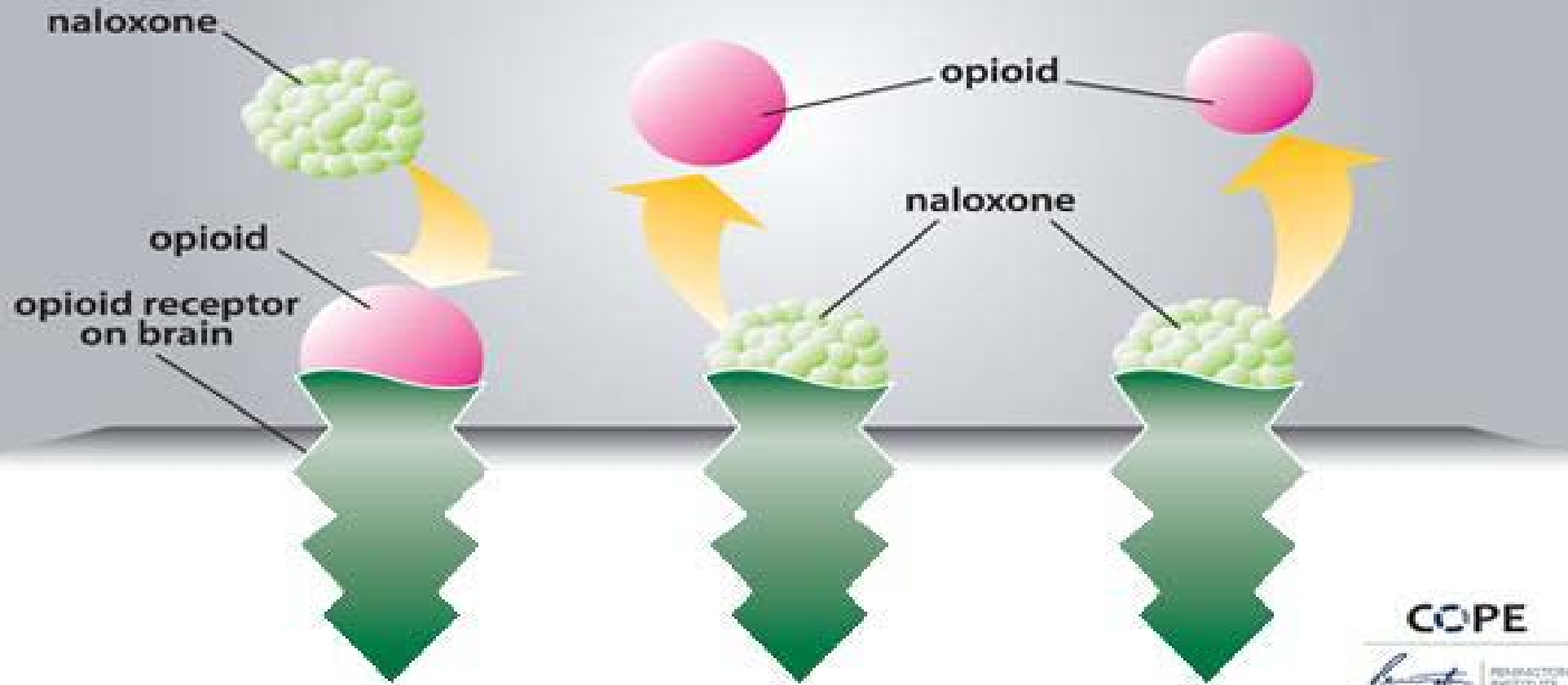


# Why do People Overdose from Opioids?



# Naloxone reversing an overdose

Naloxone has a stronger affinity to the opioid receptors than opioids, such as heroin or oxycodone, so it knocks the opioids off the receptors for a short time (30-90 minutes). This allows the person to breathe again and reverse the overdose.



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# Risk Factors and Signs and Symptoms

## Risk Factors

- Mixing
- Tolerance
- Potency
- Using Alone

## Signs and Symptoms

- Lack of responsiveness
- Shallow breathing
- Gurgling or snoring
- Blue or pale skin





# How does Naloxone work?

## HOW TO USE NALOXONE NASAL SPRAY

Naloxone is a lifesaving medication that can reverse an opioid overdose. Carrying naloxone can help you save a life if you see a possible overdose.

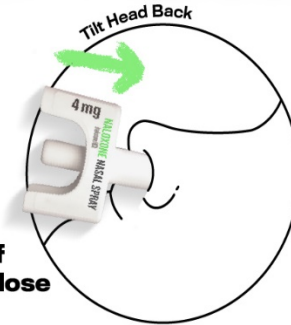
# 1

Call **9-1-1** then carefully remove naloxone from packaging.



# 2

Hold the nasal spray with your thumb on the plunger and **place the tip of the nasal spray in either nostril of the person experiencing an overdose** until fingers are touching their nose.



# 3

Firmly **press the plunger to release the entire dose of medication** into the nose.



# 4

**Wait 2-3 minutes** for the person to respond. If no response, give additional doses, switching nostrils, until help arrives.



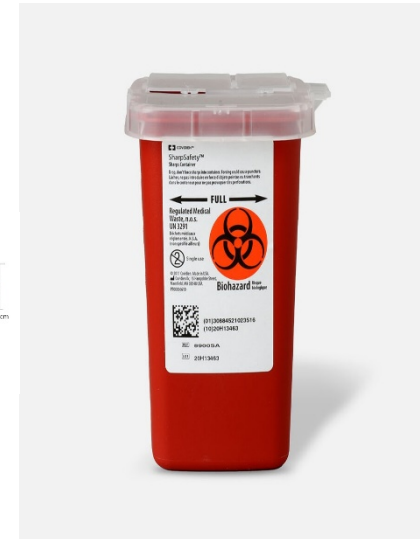
# What is Harm Reduction?

- Harm reduction is a set of practical strategies and ideas aimed at reducing negative consequences associated with drug use. Harm Reduction is also a movement for social justice built on a belief in, and respect for the rights of people who use drugs.



# Common Harm Reduction Services

- 13 Narcan Vending Machines in Ingham County
- Overdose Prevention Training- (Narcan)
- Needle Exchange Programs (Lansing Syringe Access (LSA) & Punks with Lunch (PWL) Lansing
- HIV & Hepatitis C testing (ICHC's)
- First Aid Kits ( for wound care)
- Access to safer sex education and supplies (condoms)
- Fentanyl Test Strips
- Xylazine Test Strips
- Sharps Containers
- CPR Face Shields



# ICHD Narcan/ First Aid Vending Machine Totals since June 2023

- 400 Narcan kits
- 815 fentanyl test strips
- 380 Xylazine test strips
- 40 first aid kits
- 912 condoms
- 236 mylar blankets
- 174 CPR Face shields
- 88 Deterra Medication Disposal bags
- 55 mini sharp containers
- 63 large sharp containers
- 4 ICHD Created First Aid Kits ( Each pack includes 5 gauze sponges, 10 band aids, 10 alcohol prep pads, 5 Bacitracin ointments and 5 hand sanitizer packets, added below)
- 50 4x4 gauze pads
- 32 Bacitracin Zinc Ointments
- 40 band aids
- 40 alcohol prep pads
- 20 hand sanitizer packets



# Thank you

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