



## The Scope of the Opioid Epidemic in Wisconsin A State-Level Perspective

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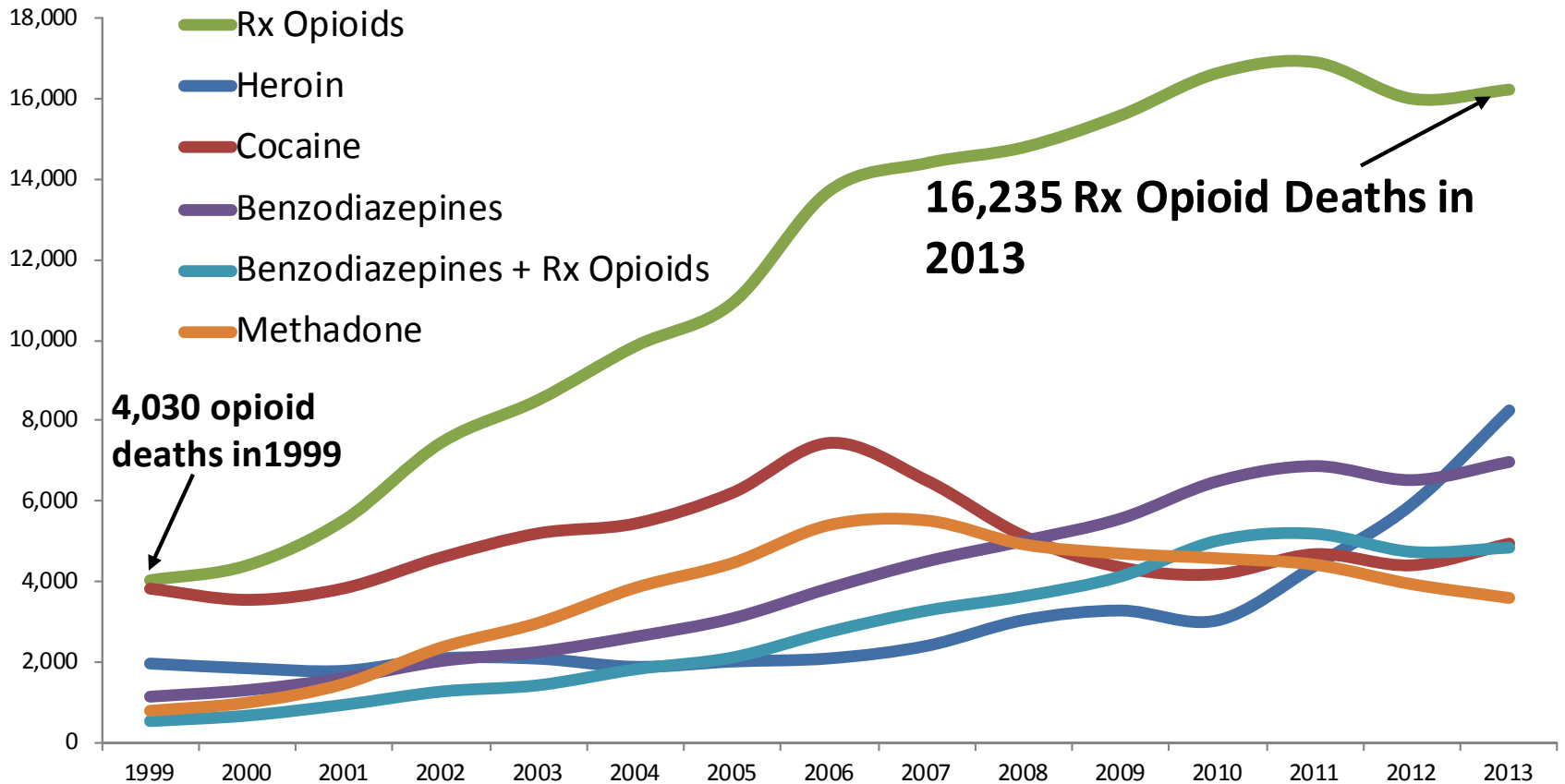
# Presentation Objectives

- Describe the current scope of the opioid misuse epidemic in Wisconsin.
- Describe efforts to address gaps in prevention and treatment of substance use disorders in Wisconsin.

# Opioids

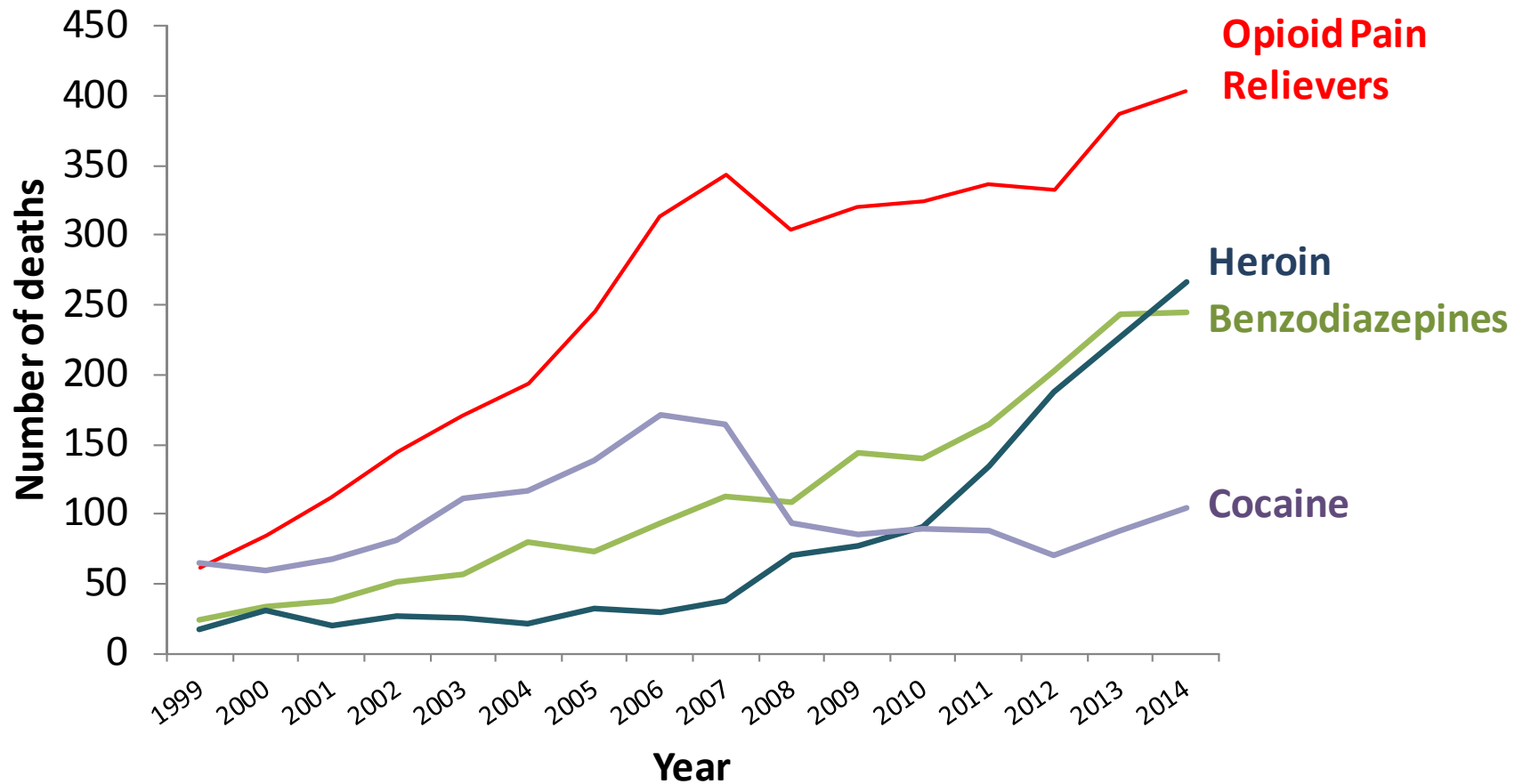
- **Morphine**
  - **Codeine**
  - **Thebaine**
- Naturally occurring opioids-  
also called opiates
- **Diacetylmorphine (Heroin)**
  - **Hydrocodone (Vicodin)**
  - **Oxycodone (Oxycontin)**
  - **Oxymorphone (Opana)**
  - **Hydromorphone (Dilaudid)**
- Semi-synthetic  
opioids

# U.S. Overdose Epidemic Driven by Opioid Pain Relievers



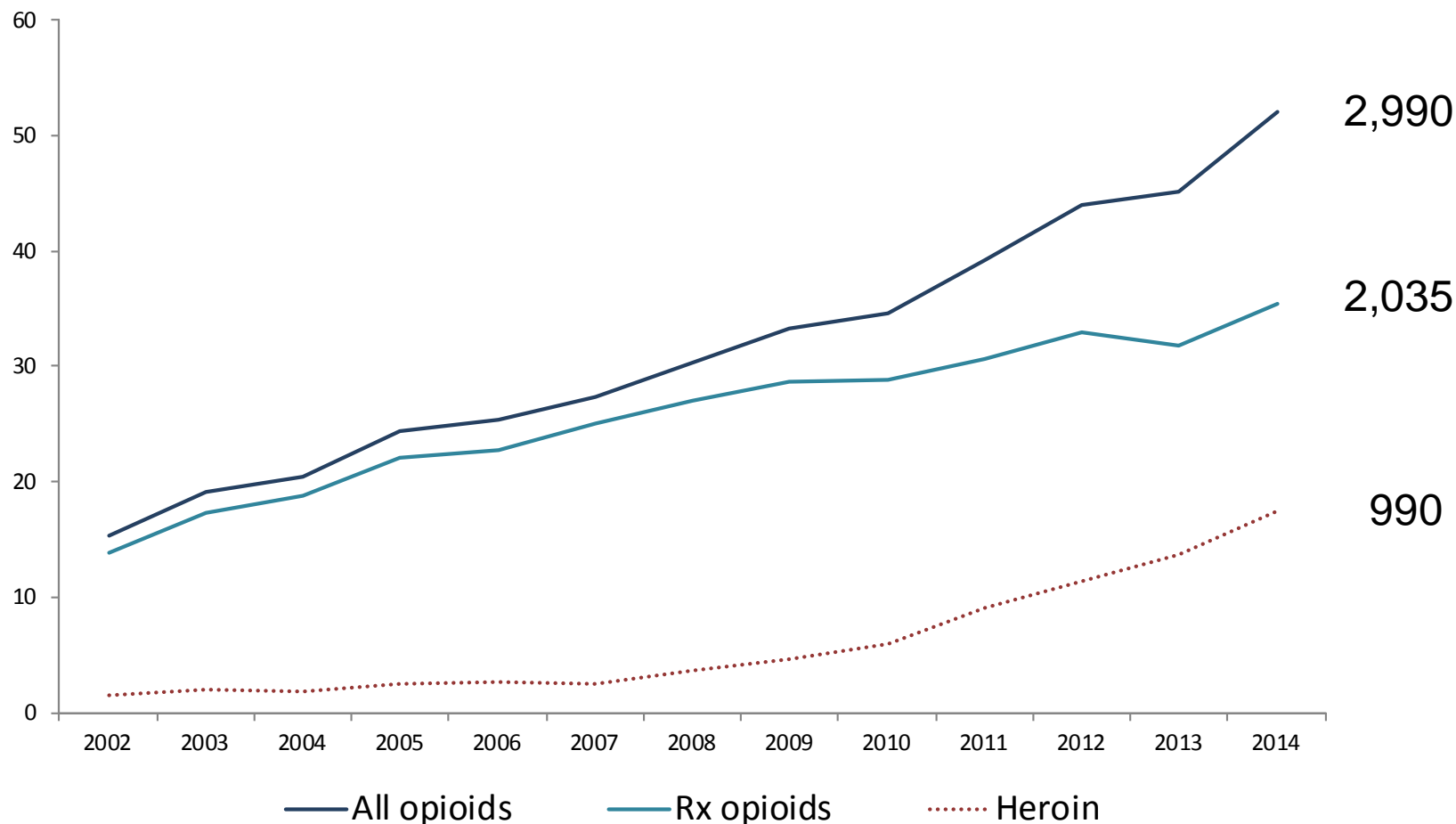
Original Data CDC Matt Gladden, CDC

# Drug Overdose Deaths in Wisconsin



Source: Wisconsin Department of Health Services, Office of Health Informatics

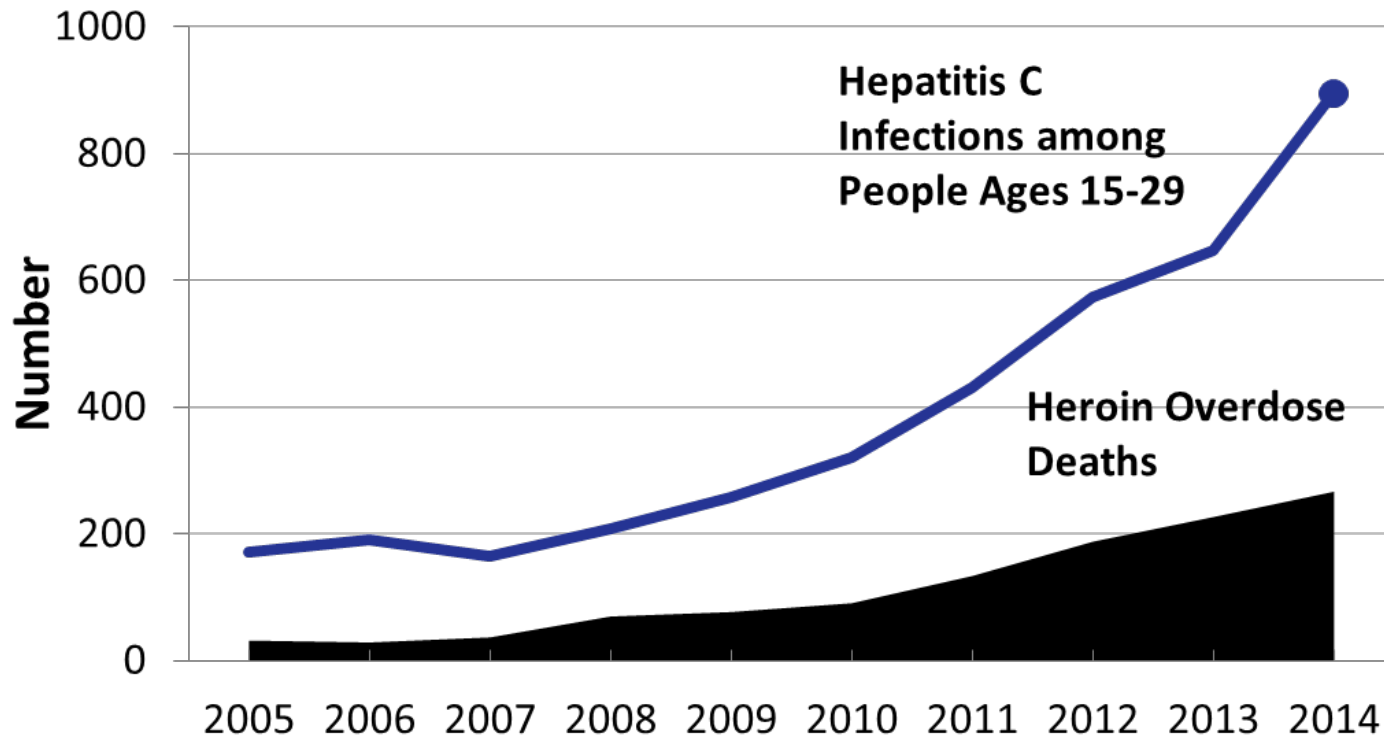
# Majority of Opioid Overdose Hospital Visits in Wisconsin Involve Prescription Opioids



Source: Office of Health Informatics, DPH Death certificates (2010-2014)

# New Hepatitis C Infections

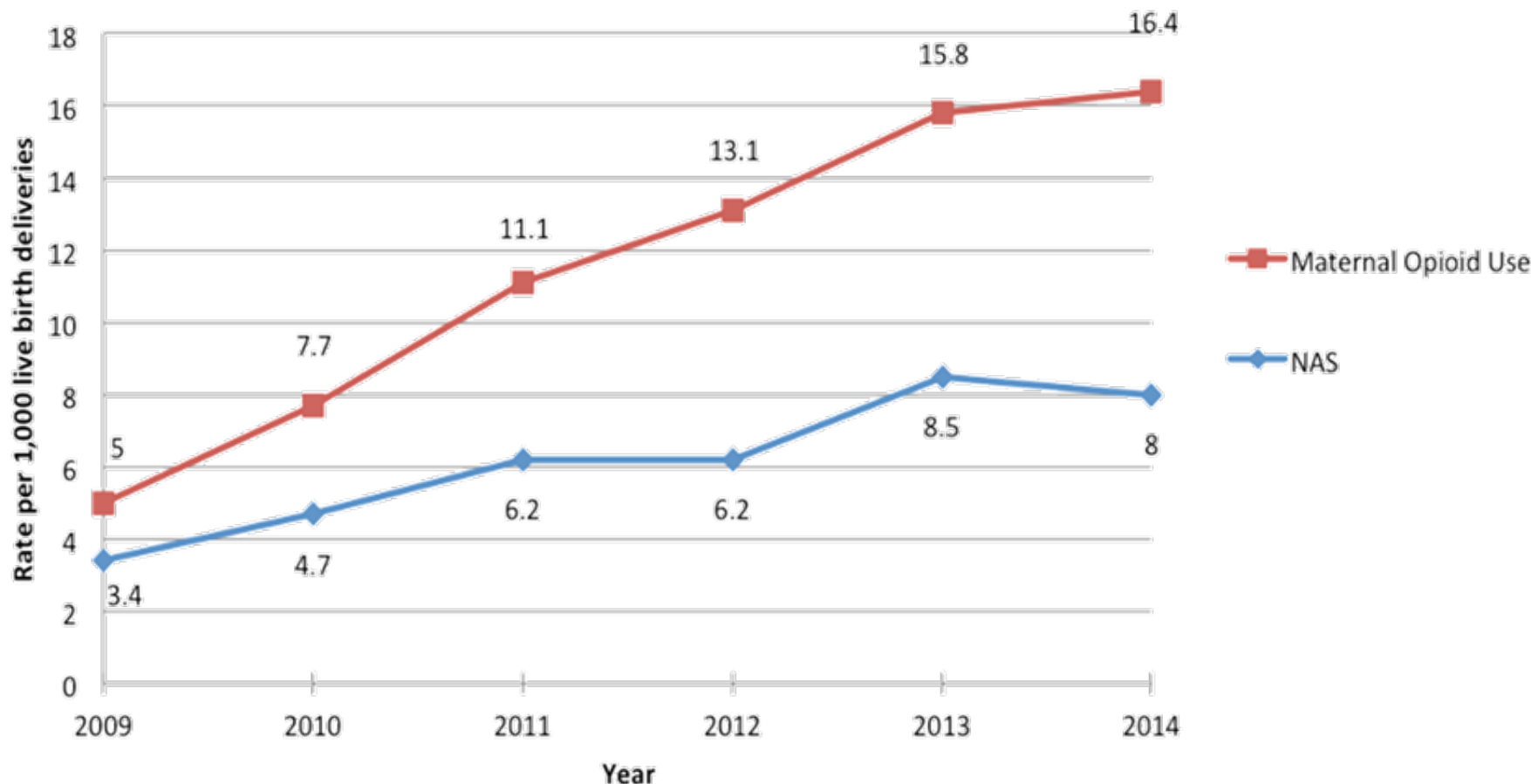
**Increase in Heroin Overdose Deaths and Hepatitis C Infections among Young People, Wisconsin, 2005-2014**



Source: Office of Health Informatics, DPH Death Certificates, WEDSS HCV Data



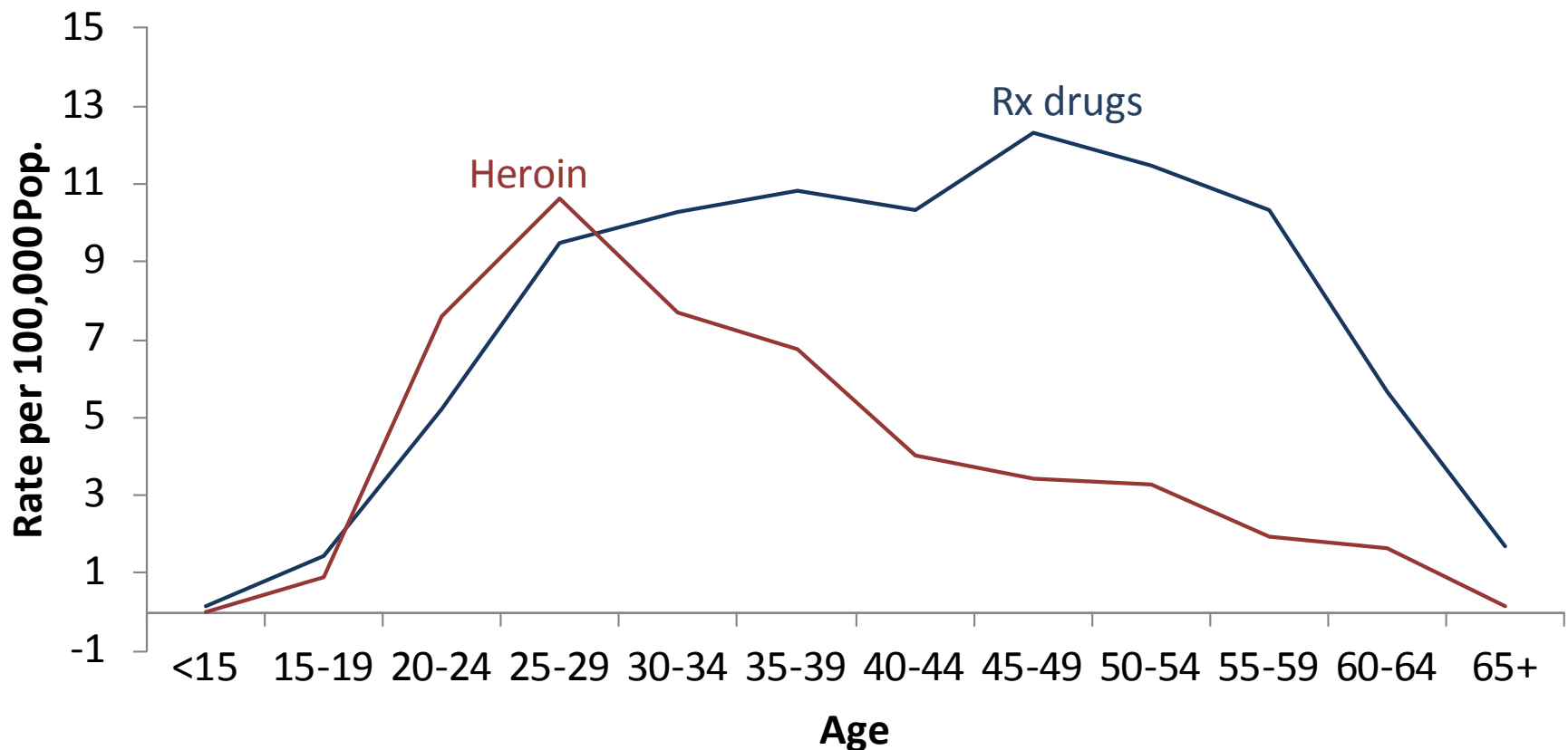
# Rate of Deliveries With Maternal Opioid Use and Rate of Neonatal Abstinence Syndrome, Wisconsin, 2009–2014



From: Neonatal Abstinence Syndrome and Maternal Substance Use in Wisconsin, 2009-2014. Karina A. Atwell, MD; Harold B. Weiss, PhD, MPH, MS; Crystal Gibson, MPH; Richard Miller, MS; Timothy E. Corden, MD

# Rx Opioid Deaths are Highest in Middle Age, Heroin Deaths are Highest in Young Adults

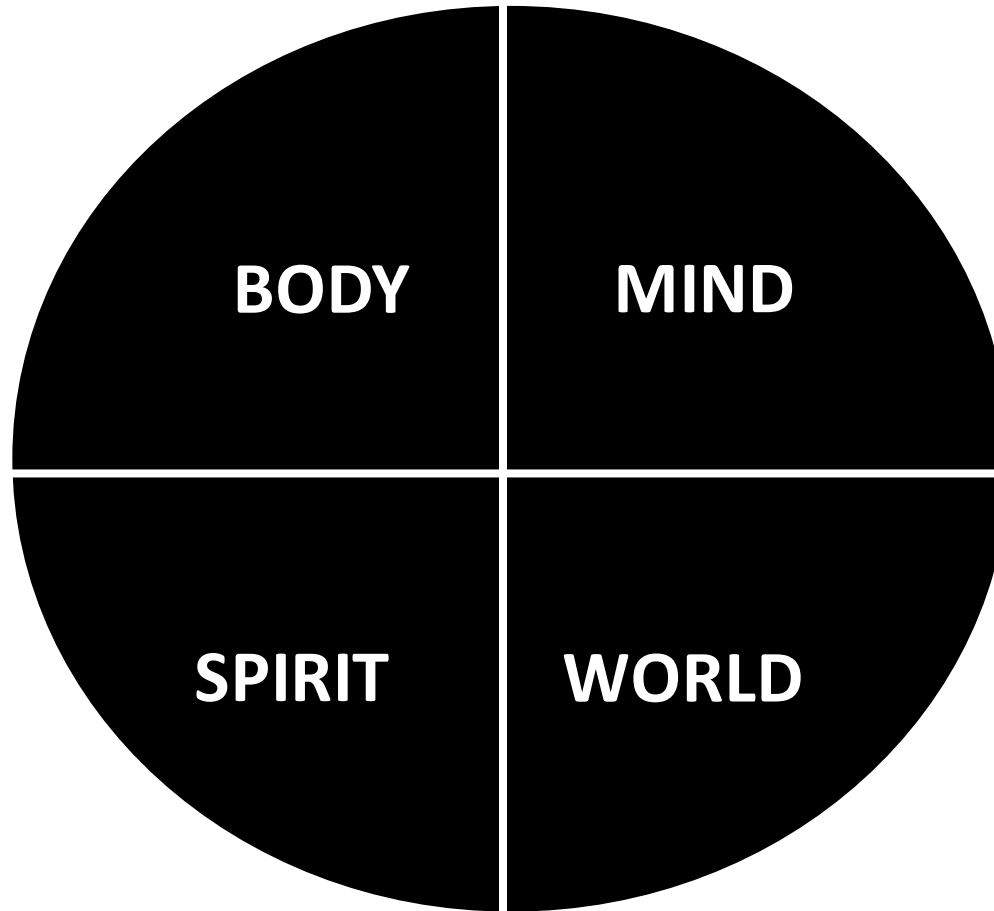
Wisconsin, 2010-2014 (5-Year Average)



Source: Office of Health Informatics, Division of Public Health Death Certificates (1999-2014)

# A Comprehensive Approach to Behavioral Health Factors

- Genetics
- Nutrition
- Rest
- Exercise
- Hygiene



- Knowledge
- Attitude
- Beliefs

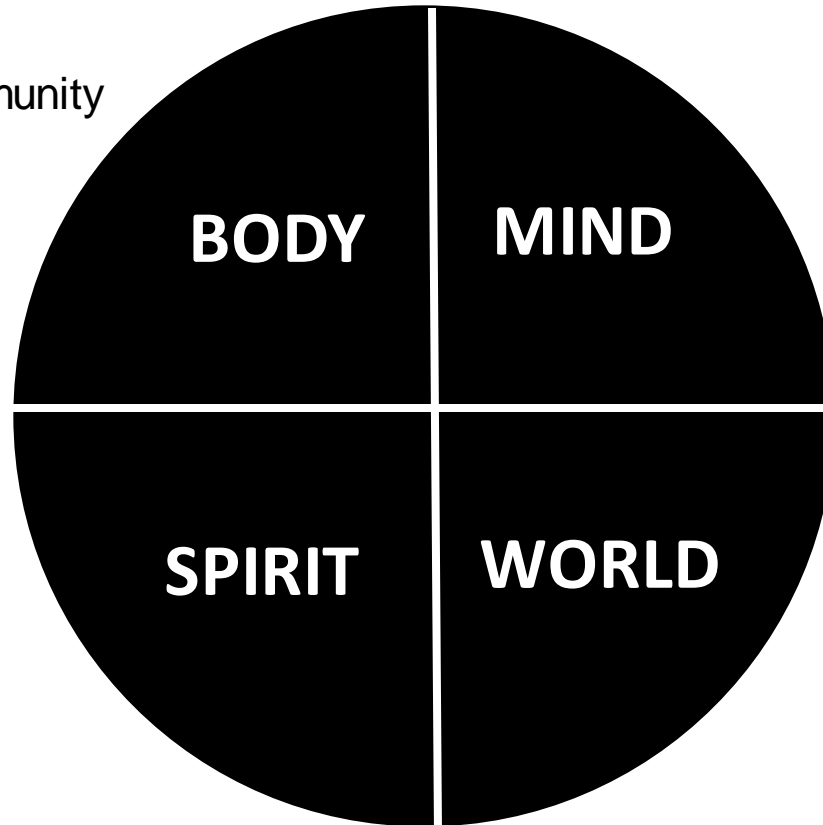
- Religion
- Higher Power
- Inner Strength

- Housing
- Work
- Friends
- Opportunities

# State Funded Services

- Medication-Assisted Treatment (MAT)
- Comprehensive Community Services (CCS)
- Recovery-Oriented Systems of Care (ROSC)

- Faith-Based Services



- Clinical Approaches
- MAT
- CCS
- ROSC

- Prevention Environmental Strategies, Coalitions..
- CCS
- ROSC
- Peer Respite Services
- Peer Certification

# The Opioid Epidemic Solution: Working Together

## Education

- Prescriber education
- Community education
- Naloxone access

## Tracking and Monitoring

- Prescription Drug Monitoring System (PDMP)
- Surveillance

## Reversal

- Naloxone Access

## Enforcement

- Identification verification at pharmacies
- Law enforcement training on prescription drug misuse and diversion

## Medication Disposal

- Keeping medications safe at home
- Proper medication disposal guidelines consistent with FDA standards
- Community take-back programs

## Treatment Options

- Medication assisted treatment
- Outpatient and residential treatment at state-funded treatment providers

## Policies

Supporting all sectors

# Resources

- Alliance for Wisconsin Youth: [www.allwisyouth.org](http://www.allwisyouth.org)
- Substance abuse programs:  
<https://www.dhs.wisconsin.gov/regulations/aoda/sa-only-directory.pdf>
- Opioid treatment:  
<https://www.dhs.wisconsin.gov/opioids/treatment.htm>
- “Reducing Wisconsin’s Prescription Drug Abuse: A Call to Action”  
<https://scaoda.wisconsin.gov/scfiles/prevspf/FINAL01032012CSWReport.pdf>