

# Fatal Injury Among Indiana Children 1999-2003

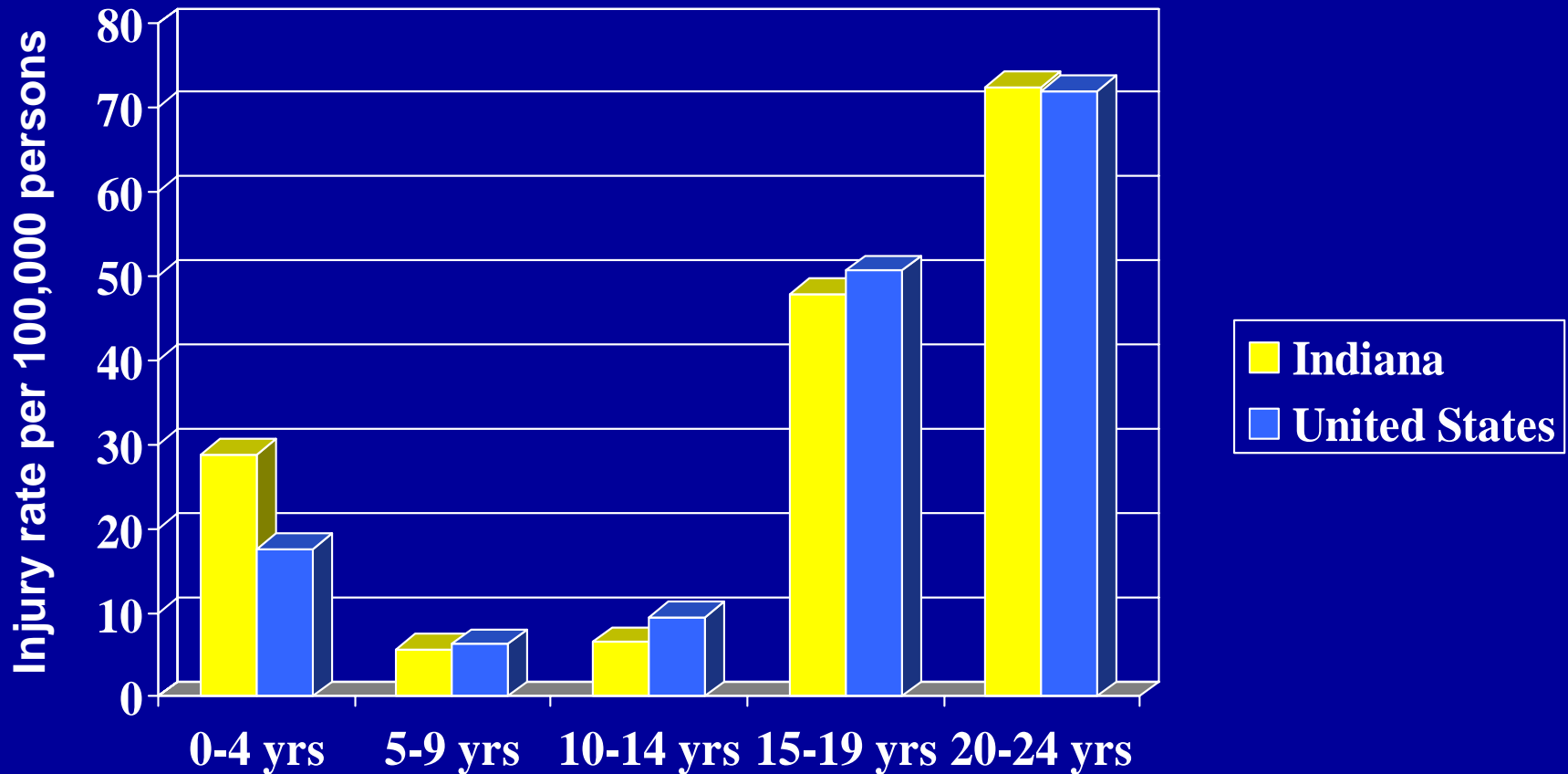
Joseph O'Neil, MD, FAAP  
Indiana State Conference  
October 4, 2006



# Objective

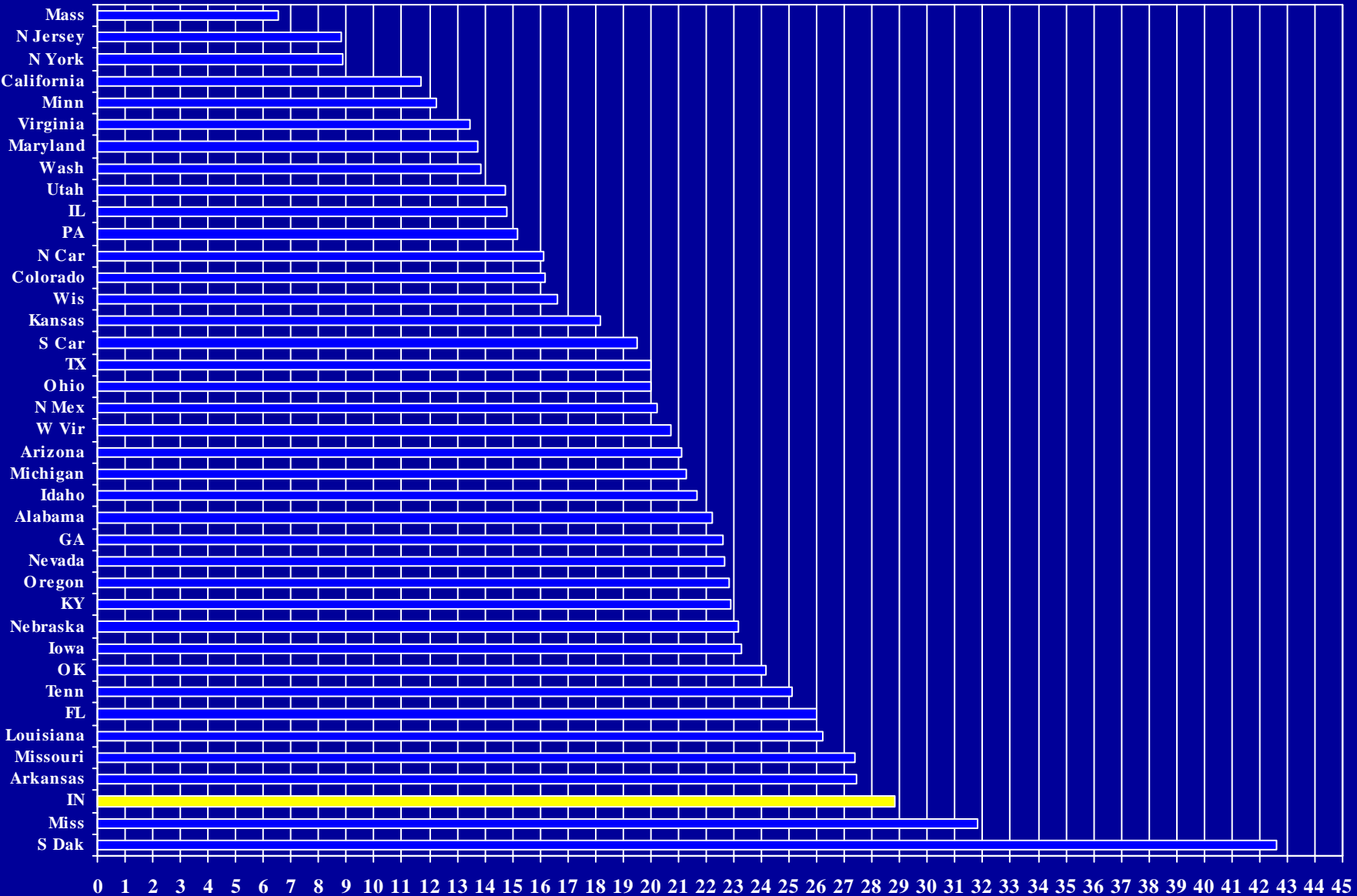
- Brief review of unintentional injury-related fatalities and fatality rates for children 0 to 4 years of age in Indiana between 1999 and 2003
- Brief review of intentional injury among Indiana children during 2005

# 2003 Fatal Injury Rates: All Causes, Ages 0-20 y



Centers for Disease Control and Prevention, National Centers for Injury Prevention and Control.  
Web-based Injury Statistics Query and Reporting System (WISQARS)

# 2003 Injury-related Fatality Rates by State: Ages 0-4



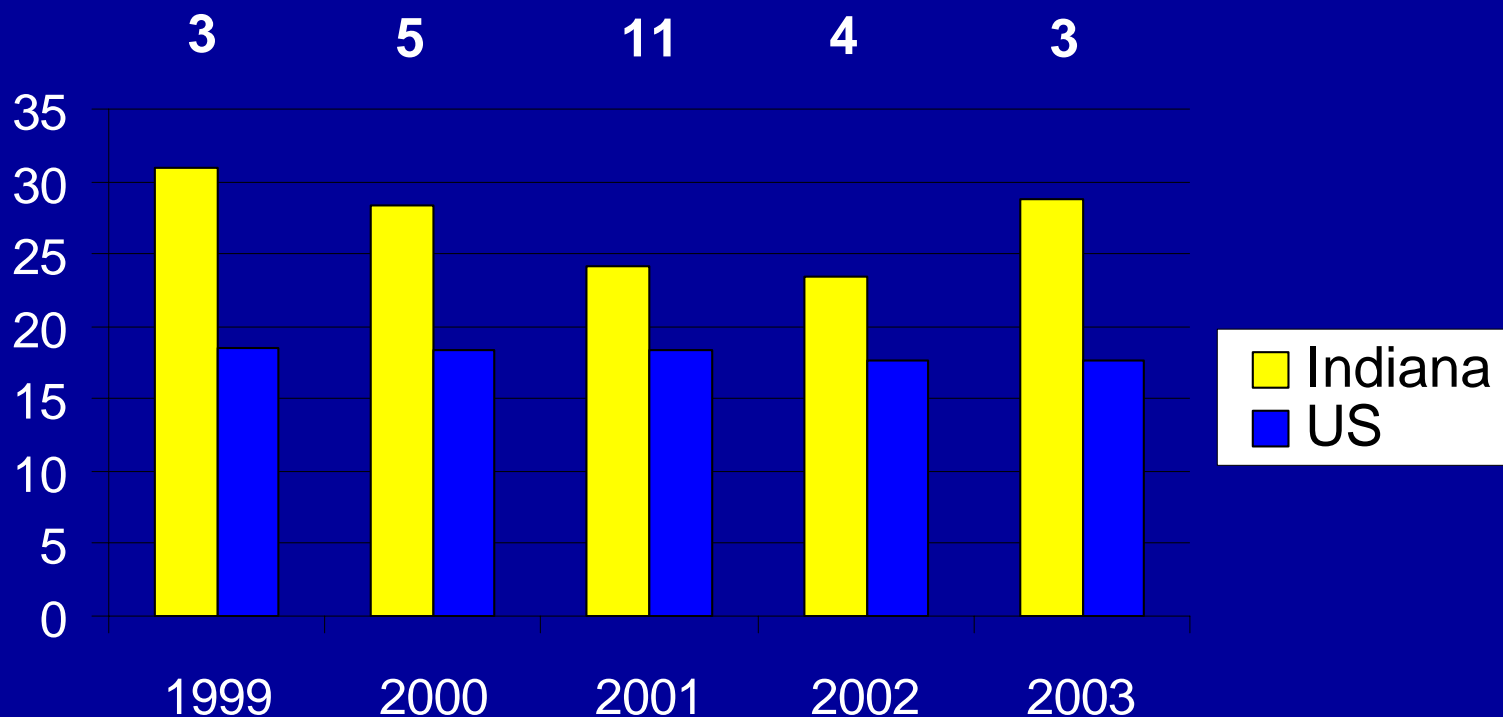
States not represented have unstable rates

\*Rates per 100,00



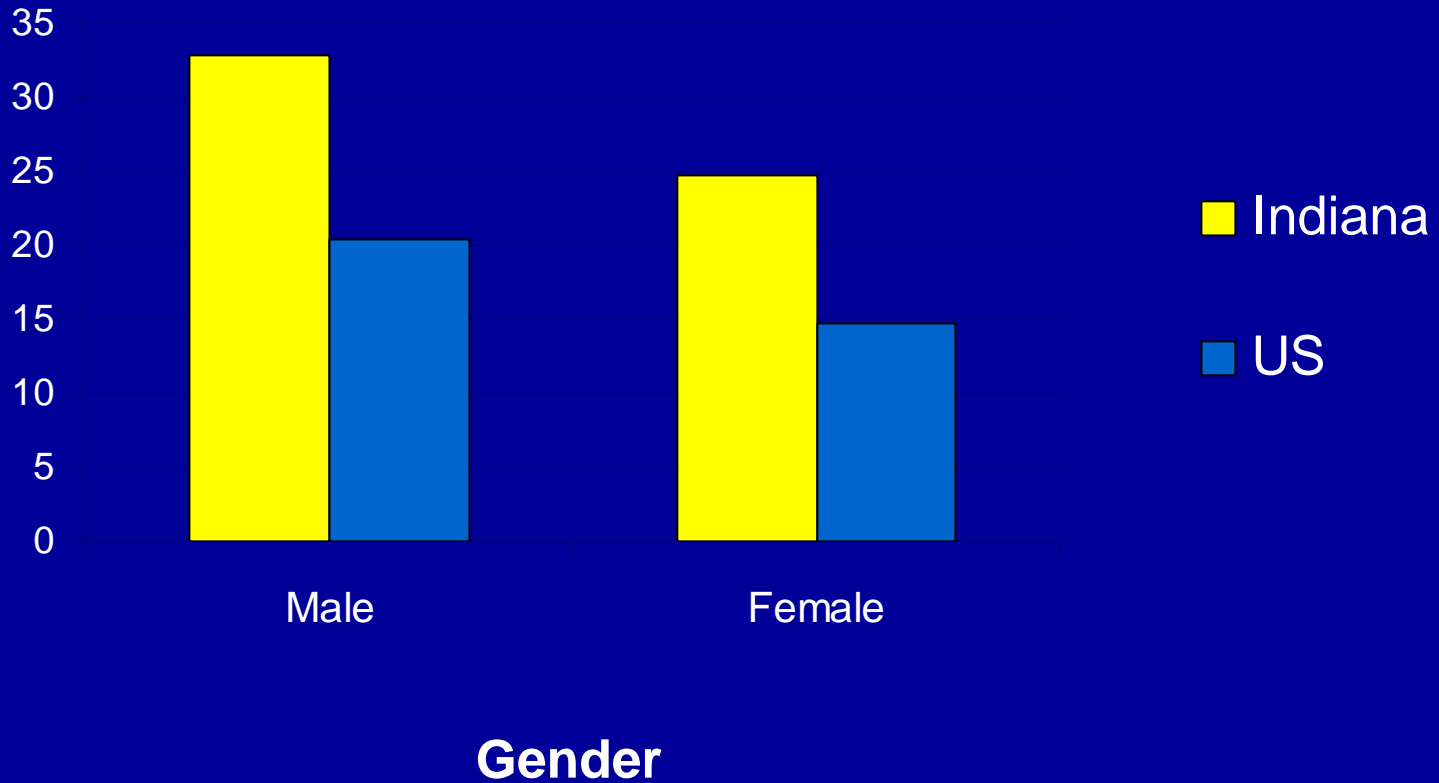
# Injury-related deaths—Indiana 0 to 4 years, 1999-2003

Injury-related fatality rate per 100,000 persons

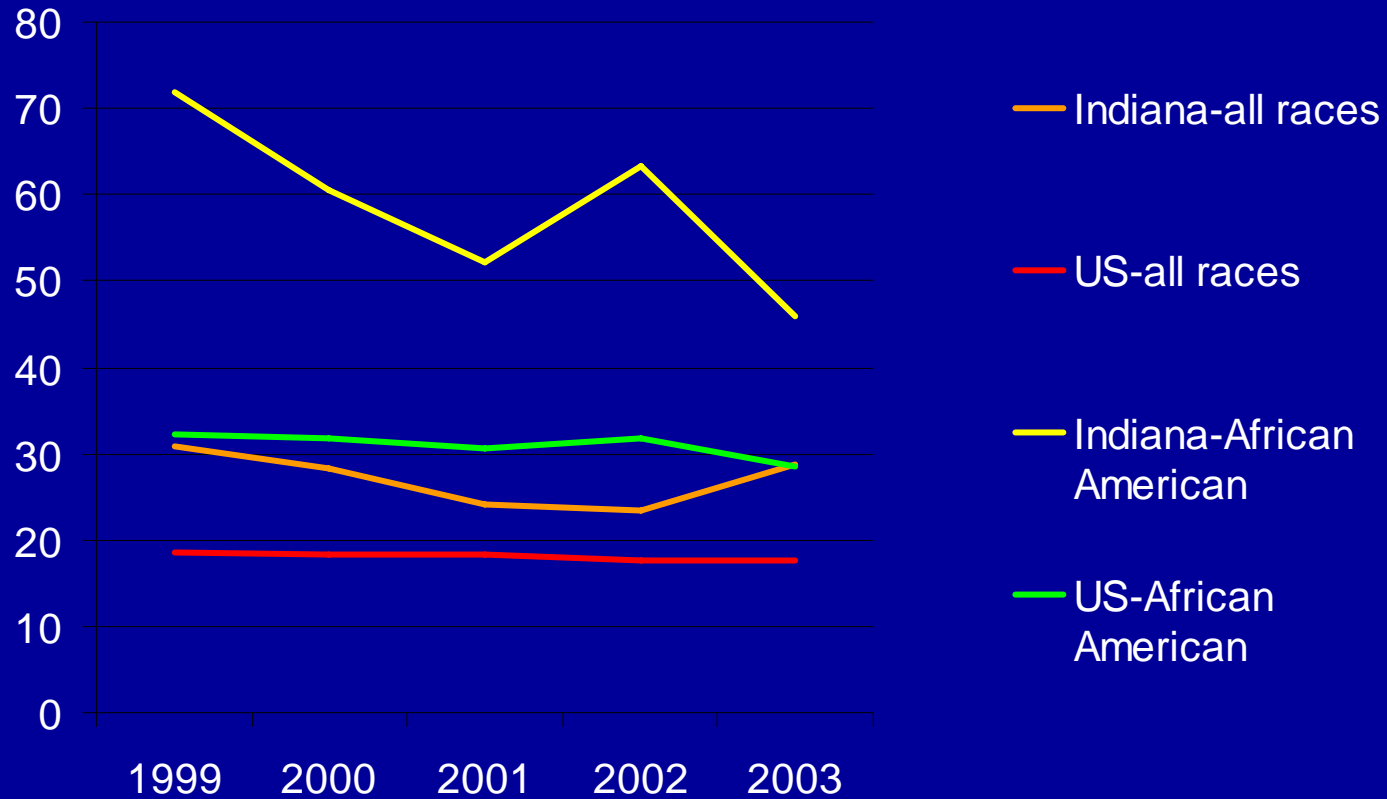


# Injury-related Fatality Rates, By Gender, 0 to 4 years, Indiana vs. US, 2003

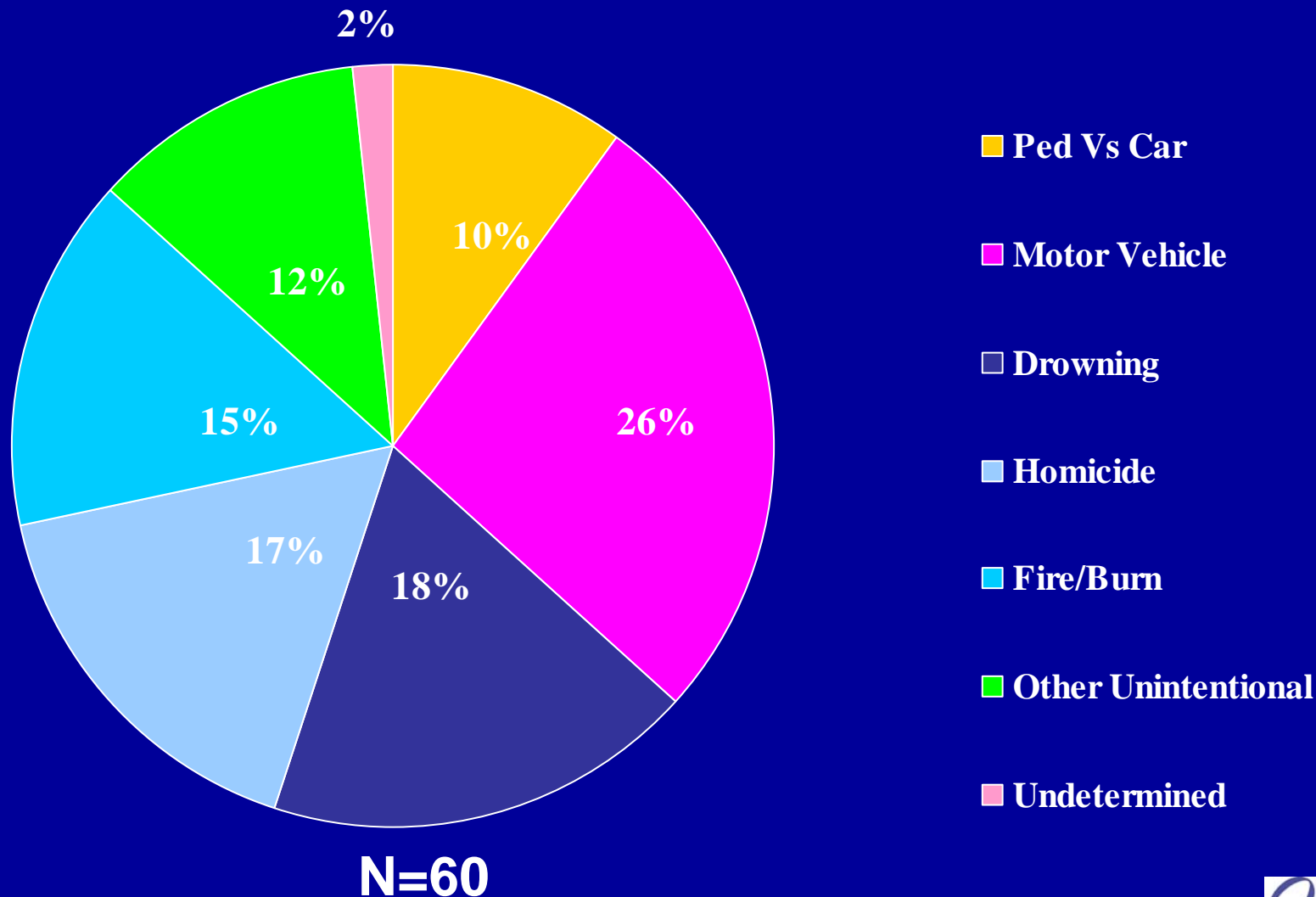
Injury-related fatality rate per 100,000 persons



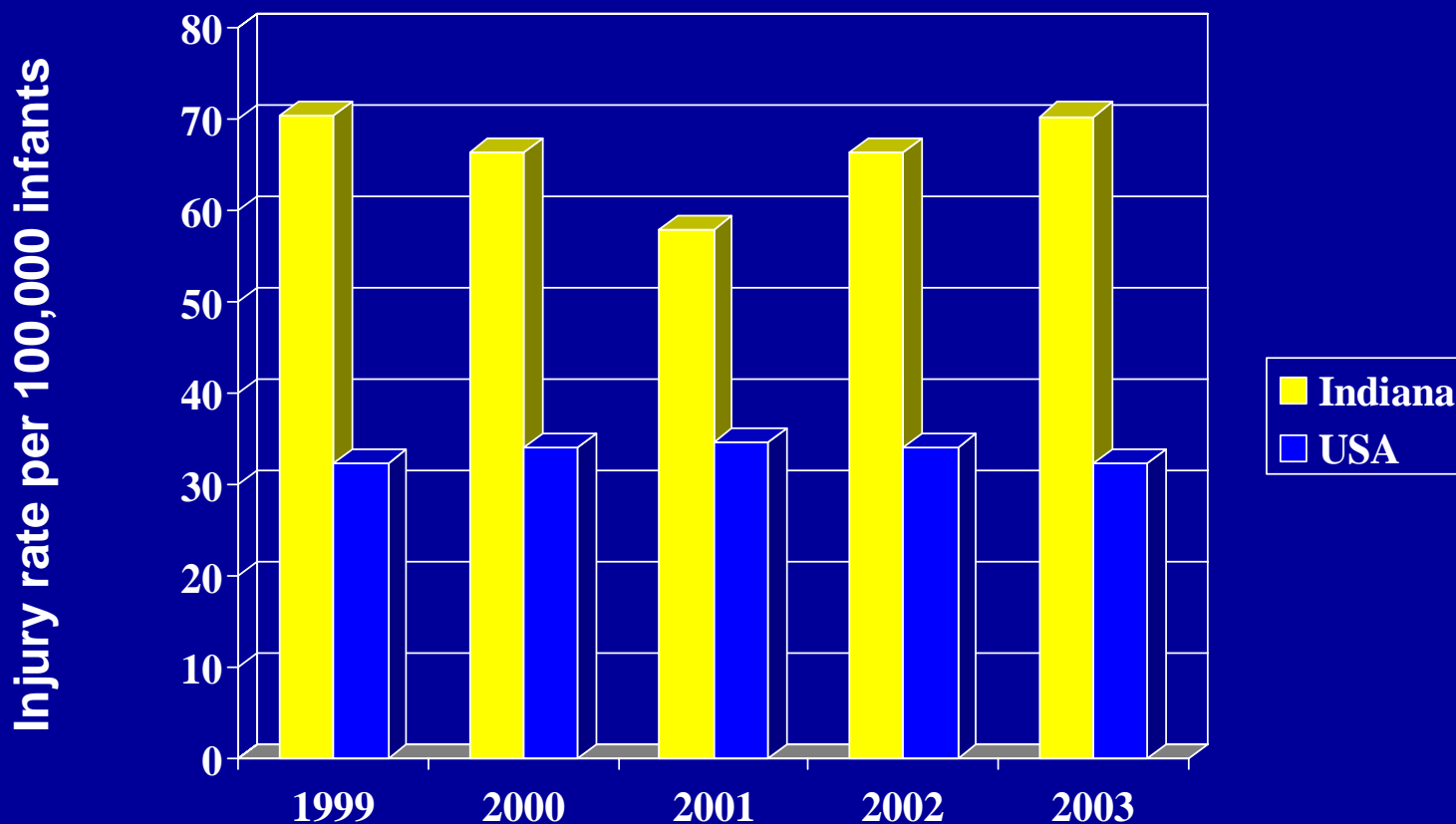
# Injury-related fatality rate, 0 to 4 years, by Race, 1999-2003



# 2003 Indiana, Causes of Fatal Injury for Children 1-4 Years



# Injury-related deaths—Indiana Infants, 1999-2003



Centers for Disease Control and Prevention, National Centers for Injury Prevention and Control. Web-based Injury Statistics Query and Reporting System (WISQARS)

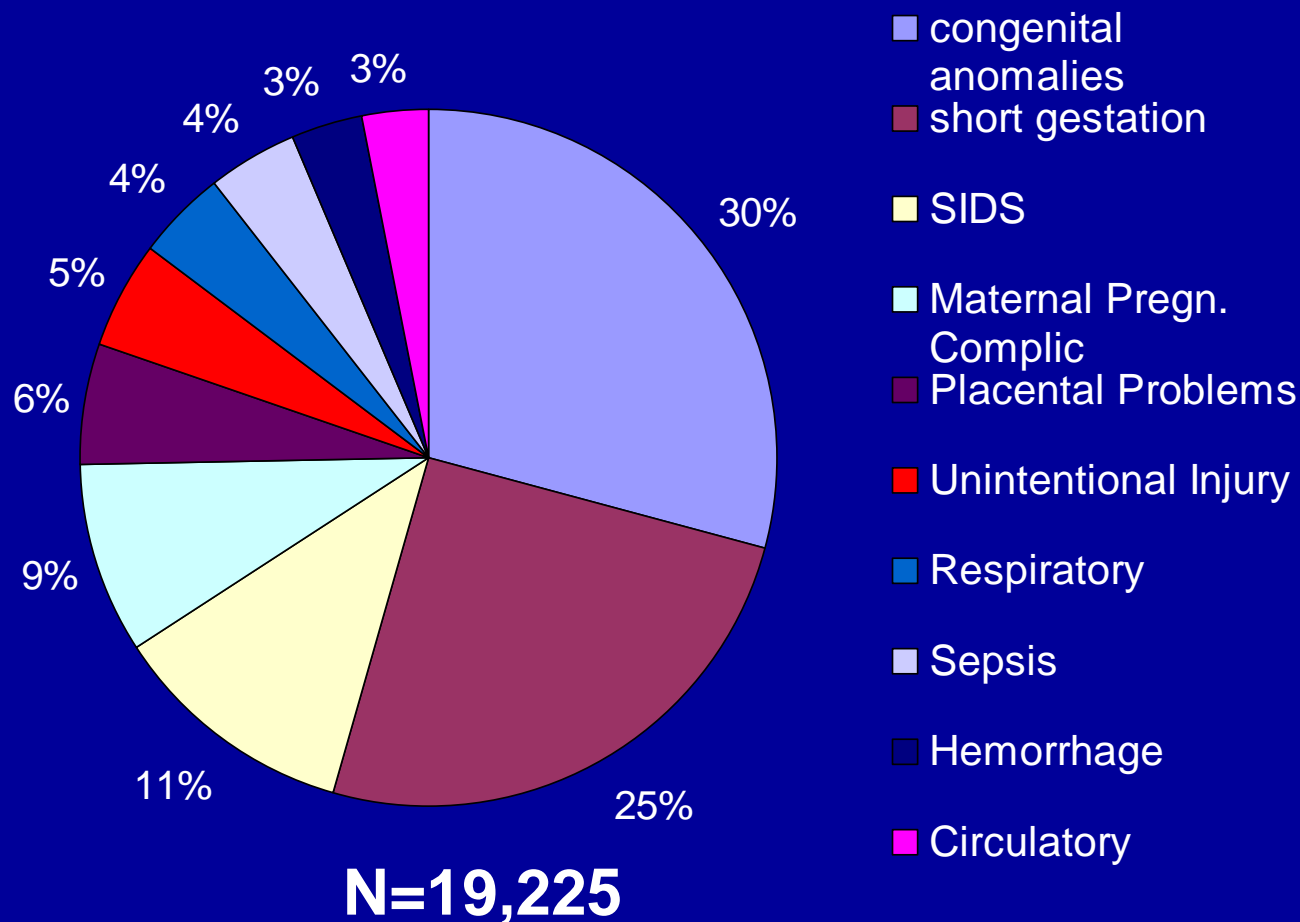
# Injury-related fatality rate, Infants, Indiana vs. US, 1999-2003

	1999	2000	2001	2002	2003
Indiana injury-related death rate	70.3	66.6	57.9	60.6	79.8
US injury-related death rate	32.4	34.0	34.6	33.8	33.9
Indiana rank	1	1	6	2	1

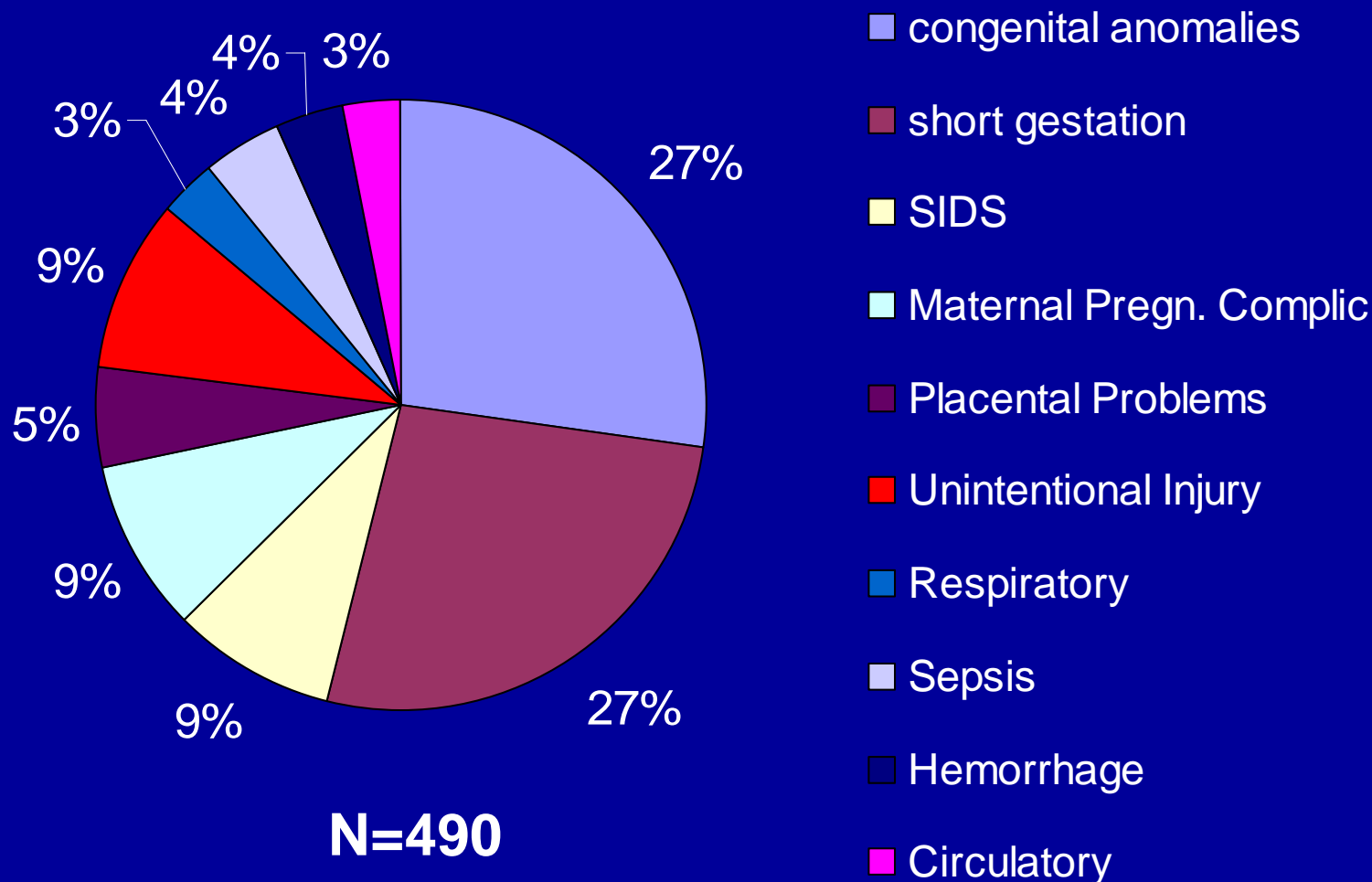
# Unintentional Injury-related fatality rate, Infants, Indiana vs. US, 1999-2003

	1999	2000	2001	2002	2003
Indiana injury-related death rate	50.1	43.8	35.9	39.2	53.6
US injury-related death rate	22.3	23.2	24.2	23.7	23.6
Indiana rank	1	1	6	3	1

# Cause of Death, less than 1 year of age, United States, 2003

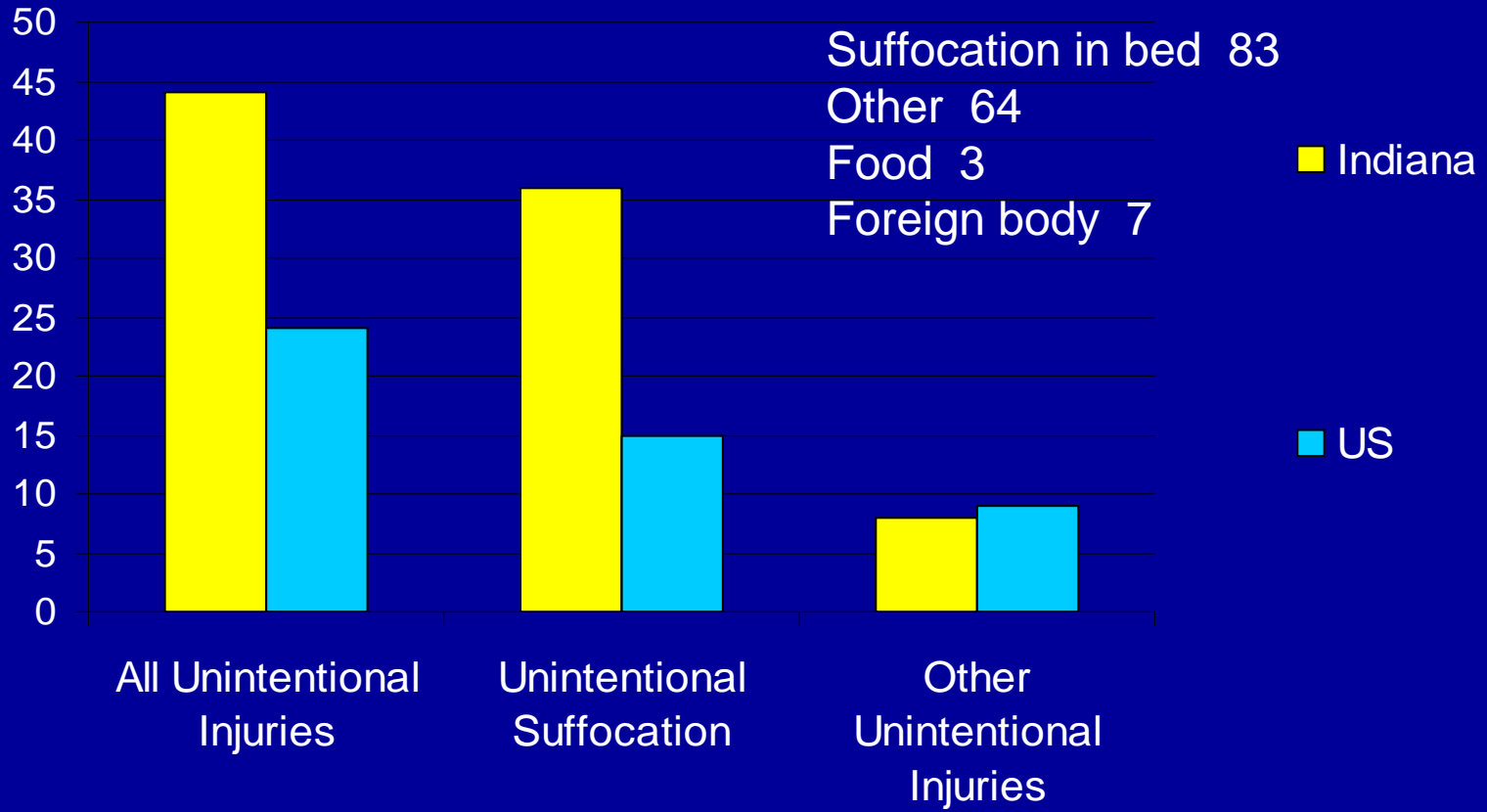


# Cause of Death, less than 1 year of age, Indiana, 2003

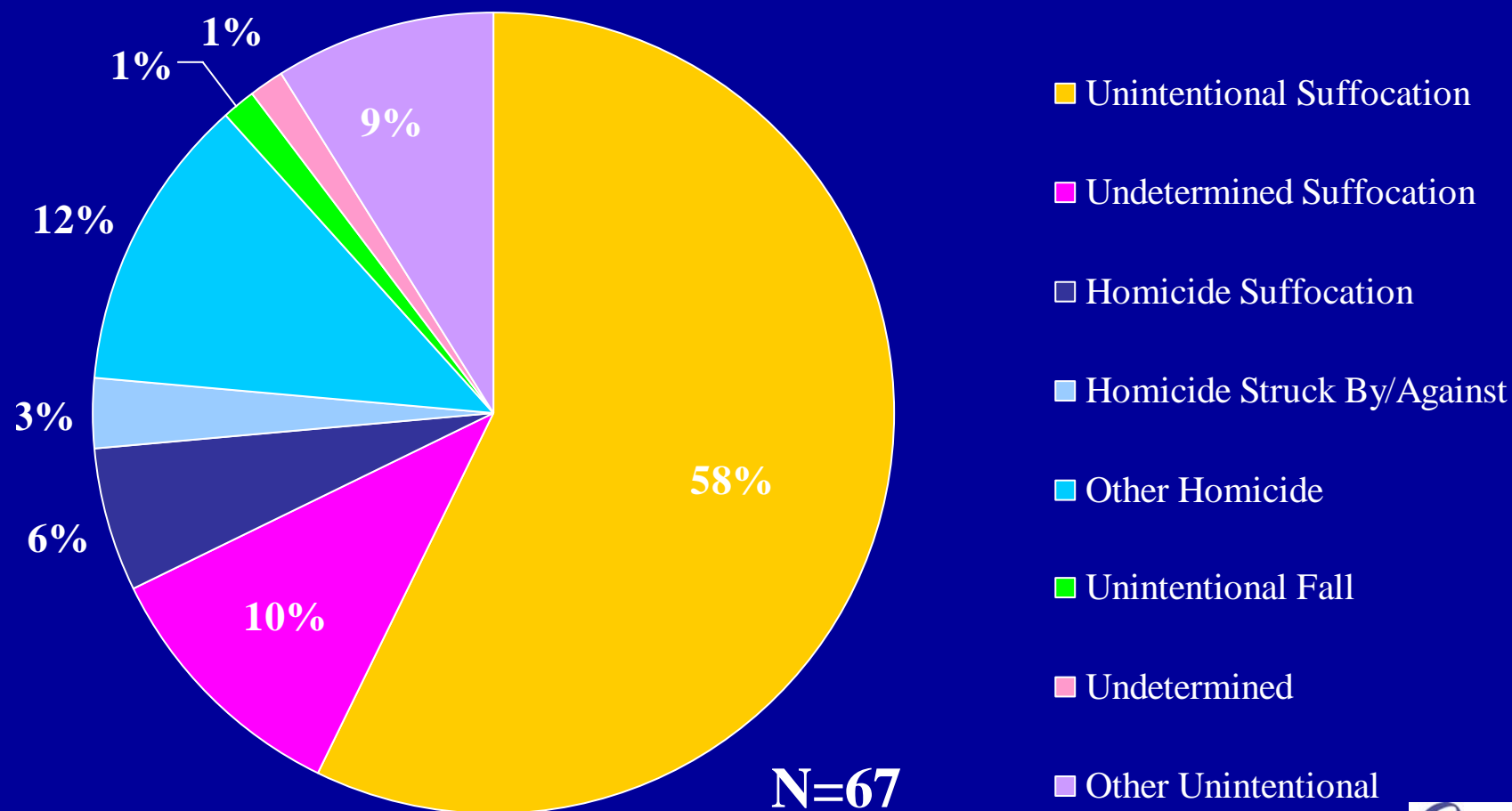


# Unintentional Injury-related Fatalities, <1y, 1999-2003

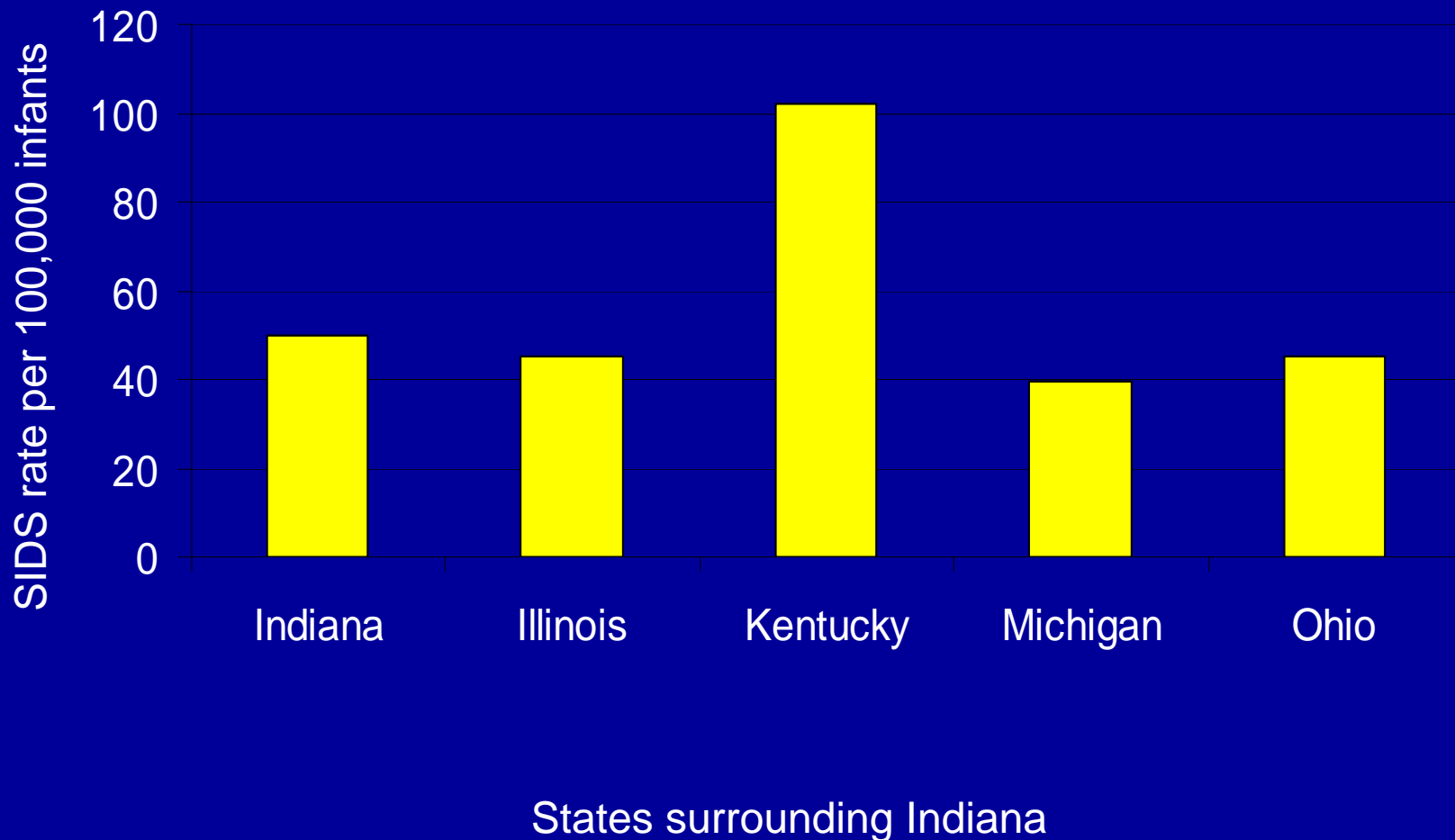
Unintentional injury-related fatality rate per 100,000 infants



# 2003 Indiana Fatal Injuries for Children Less than 1 year



# SIDS Rates in States Surrounding Indiana

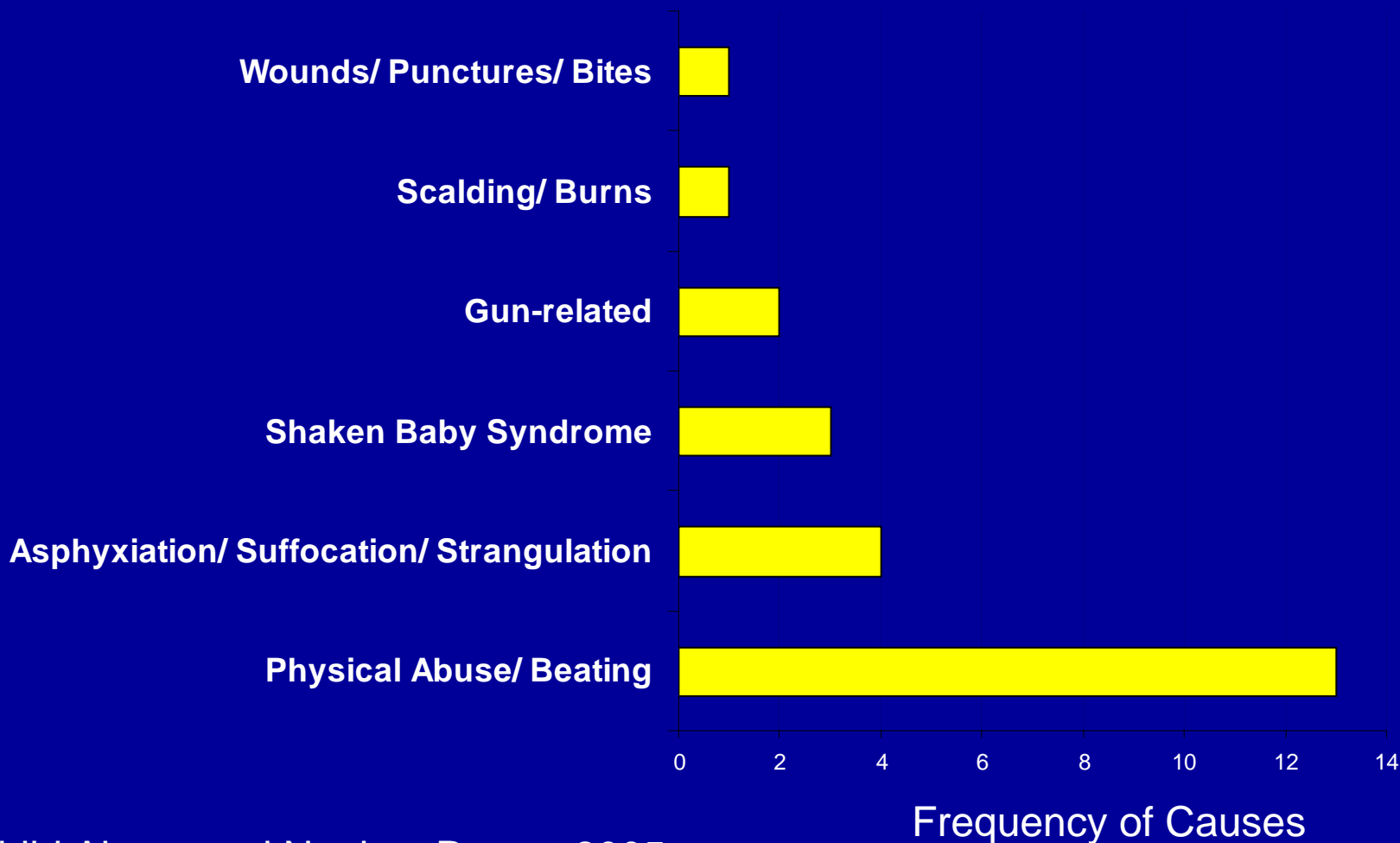


# Abuse and Neglect Fatalities, Indiana, 2005

- Total of 54 deaths due to abuse or neglect
  - 24 due to abuse
    - 42% younger than one year
    - 21% one to two years of age
    - 29% three to five years
    - 8% six to nine years
    - 67% White, 17% African American, 12% American Indian and 4% Hispanic
    - 58% two-parent household

# Abuse-related Fatalities, ages 0-9y, Indiana, 2005

Primary Cause of Death



# Summary

- 1999, 2000, 2003 Indiana was #1 in the Nation for:
  - Injury-related fatalities for infants
  - Unintentional injury-related fatalities for infants
- Leading cause of injury related fatalities was suffocation
- Leading cause of intentional injury-related fatalities was physical abuse/beatings

# What Can We Do?

- Advocate for funding for injury prevention research and programs
- Insist on accurate data
- Monitor outcomes in any programs