

RESEARCH ON ADOLESCENT SUICIDAL BEHAVIORS: THE FACTS, THE FIGURES, AND WHAT'S NEXT

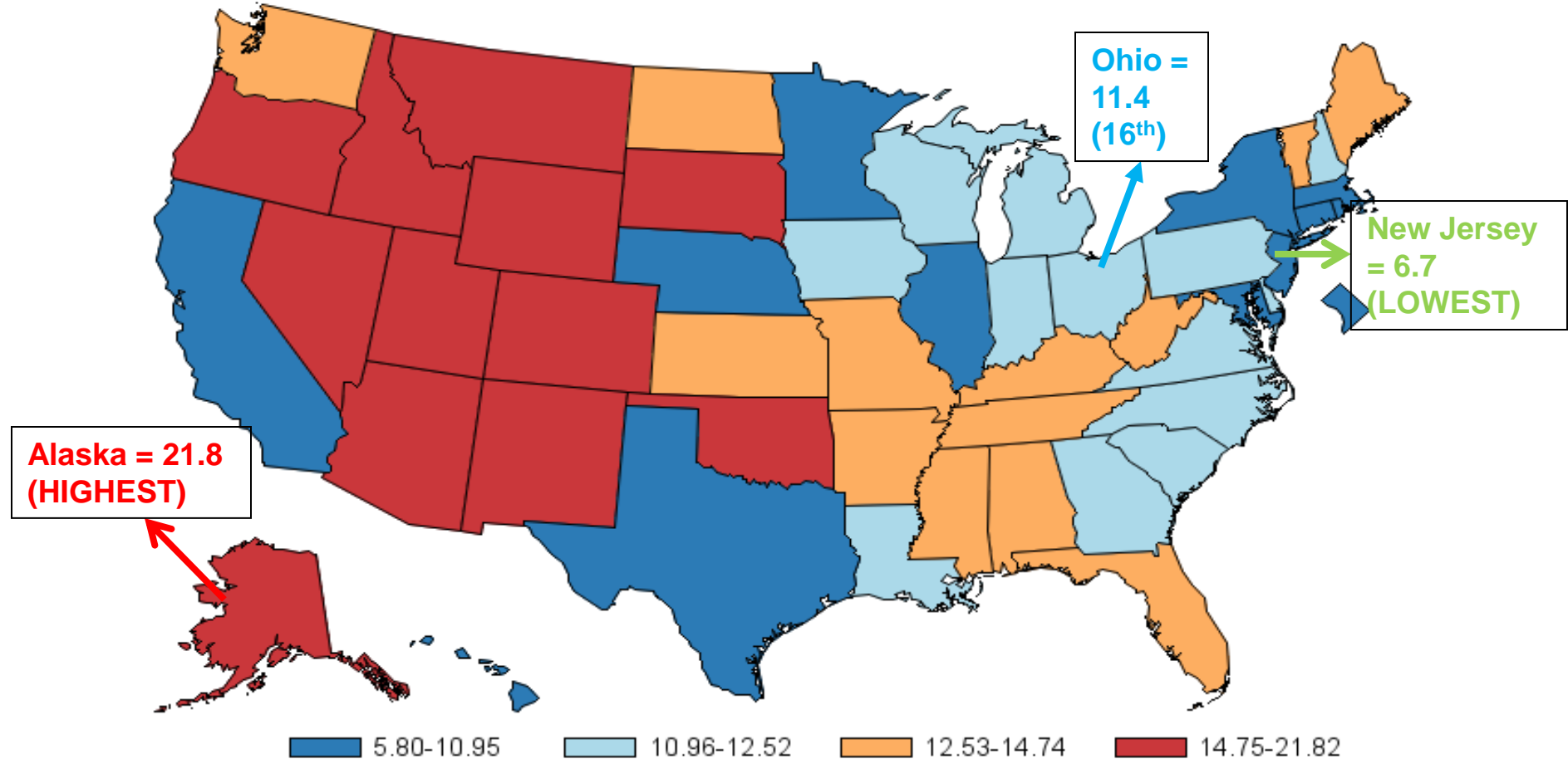
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Statistics and Facts Concerning Adolescent Suicidality

- Suicide vs. Suicide attempts vs. NSSI vs. suicidal ideation
- 2nd leading cause of death; # of attempts & ideation has increased
- Associated with a number of risk factors
 - ▣ Household dysfunction
 - ▣ Adverse childhood trauma
 - ▣ Lack of social support
 - ▣ Interpersonal conflict
 - ▣ Mental health disorders

2004-2010, United States
Age-adjusted Death Rates per 100,000 Population
All Injury, Suicide, All Races, All Ethnicities, Both Sexes, All Ages
Annualized Age-adjusted Rate for United States: 11.38

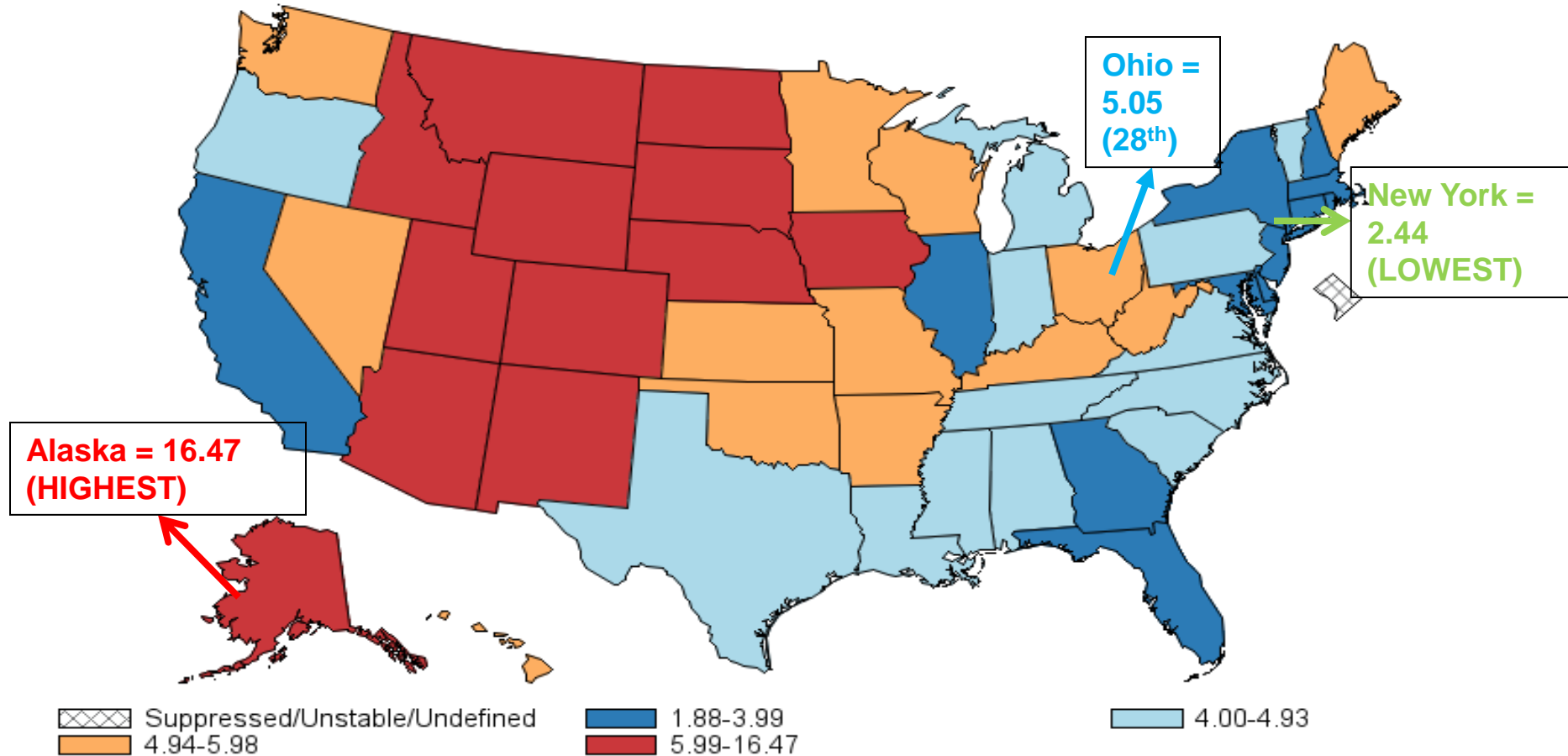


Reports for All Ages include those of unknown age.

* Rates based on 20 or fewer deaths may be unstable. States with these rates are cross-hatched in the map (see legend above). Such rates have an asterisk. The standard population for age-adjustment represents the year 2000, all races, both sexes.

2004-2010, United States Death Rates per 100,000 Population

All Injury, Suicide, All Races, All Ethnicities, Both Sexes, Ages 10-19 Years
Annualized Crude Rate for United States: 4.33



Reports for All Ages include those of unknown age.

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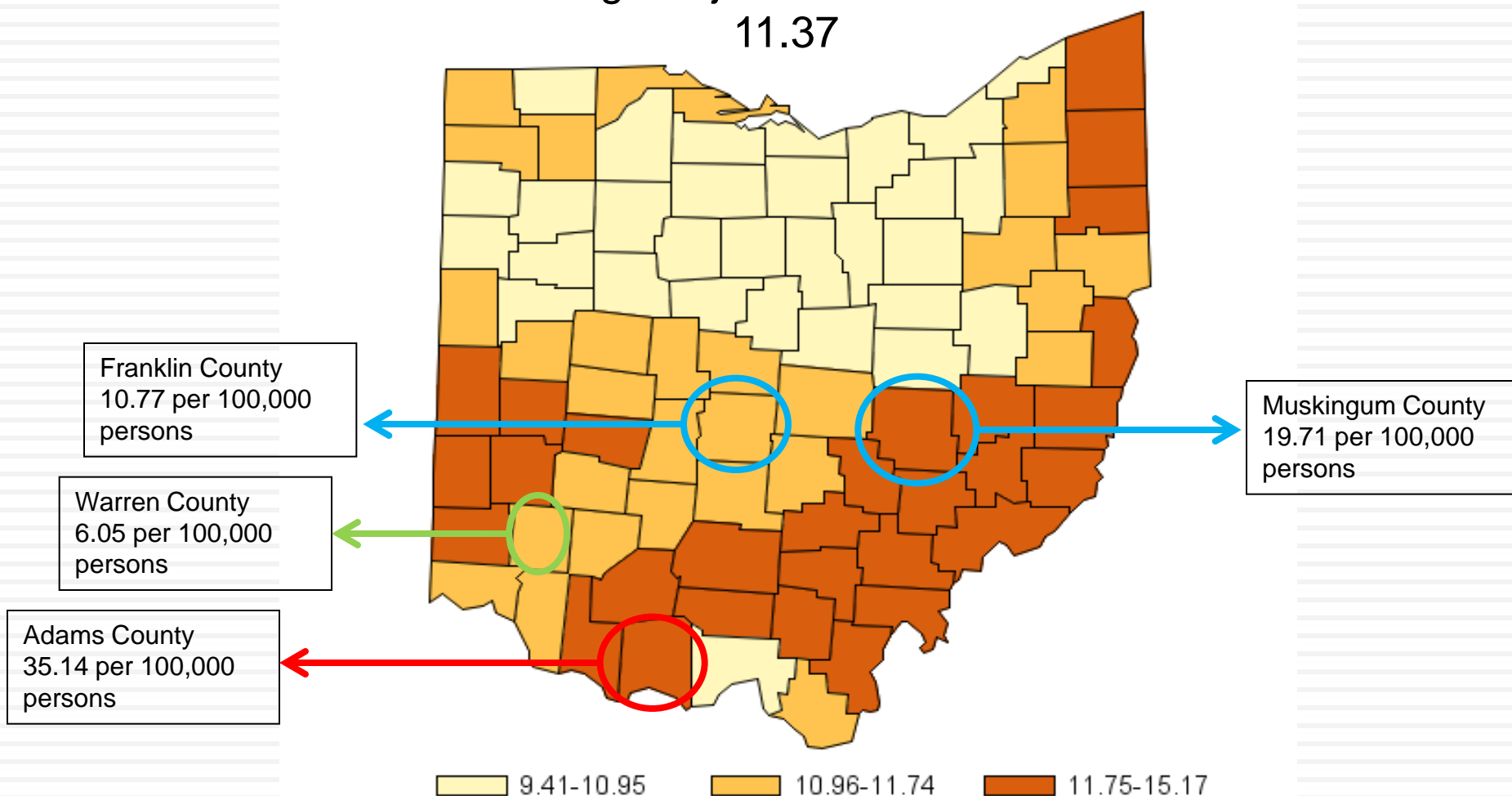
The Burden of Suicide in Ohio

- In 2010, suicide was the 11th leading cause of death for all ages and the 2nd leading cause of death in youth aged 10-19 years
- In 2010, more than twice as many Ohioans died by suicide than by homicide (1,439 suicide deaths vs. 569 homicide deaths)

Suicide Rates per 100,000 Population, Ohio Counties, All Ages, 2004-2010*

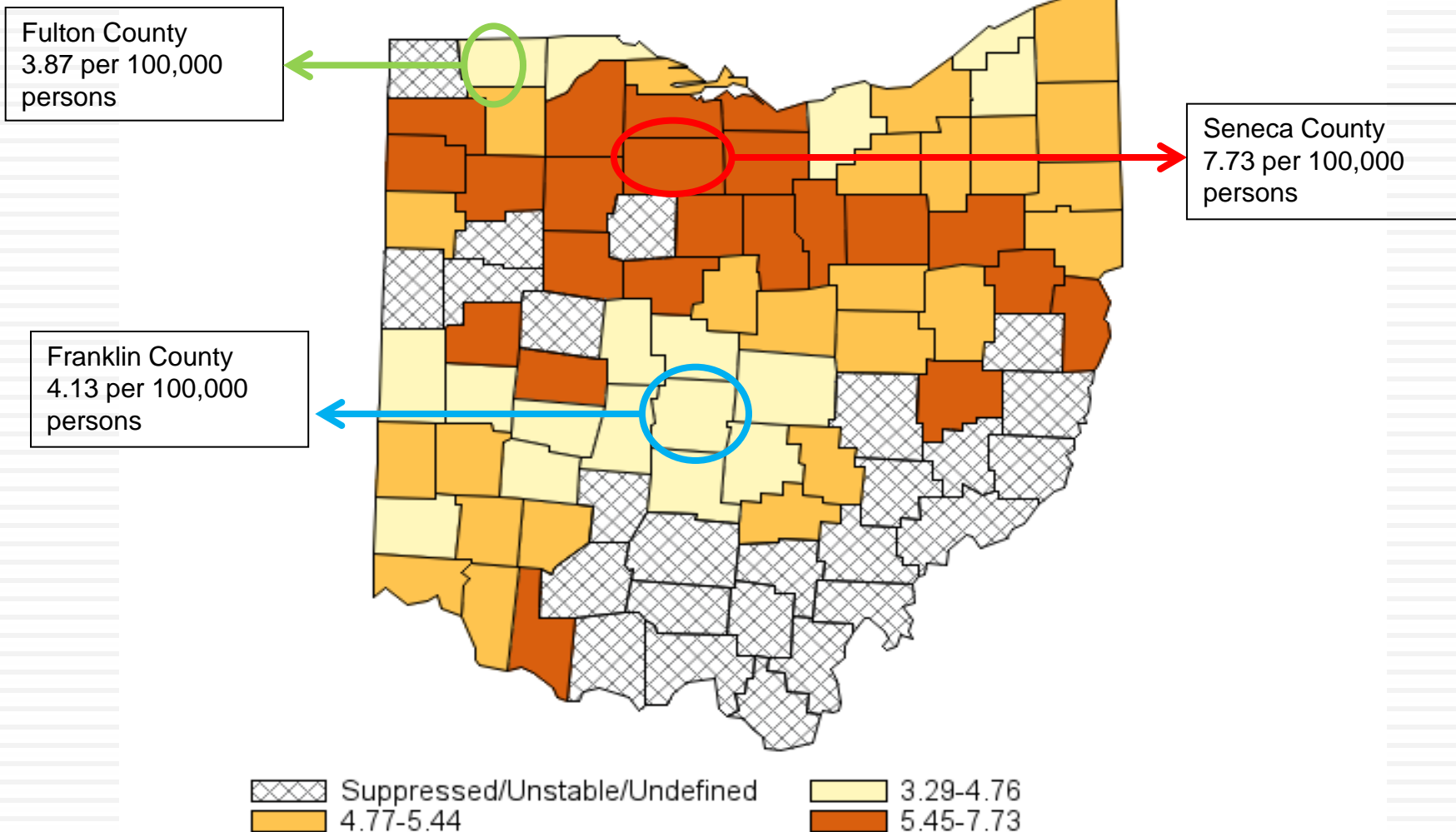
*Annualized age-adjusted suicide rate for Ohio:

11.37

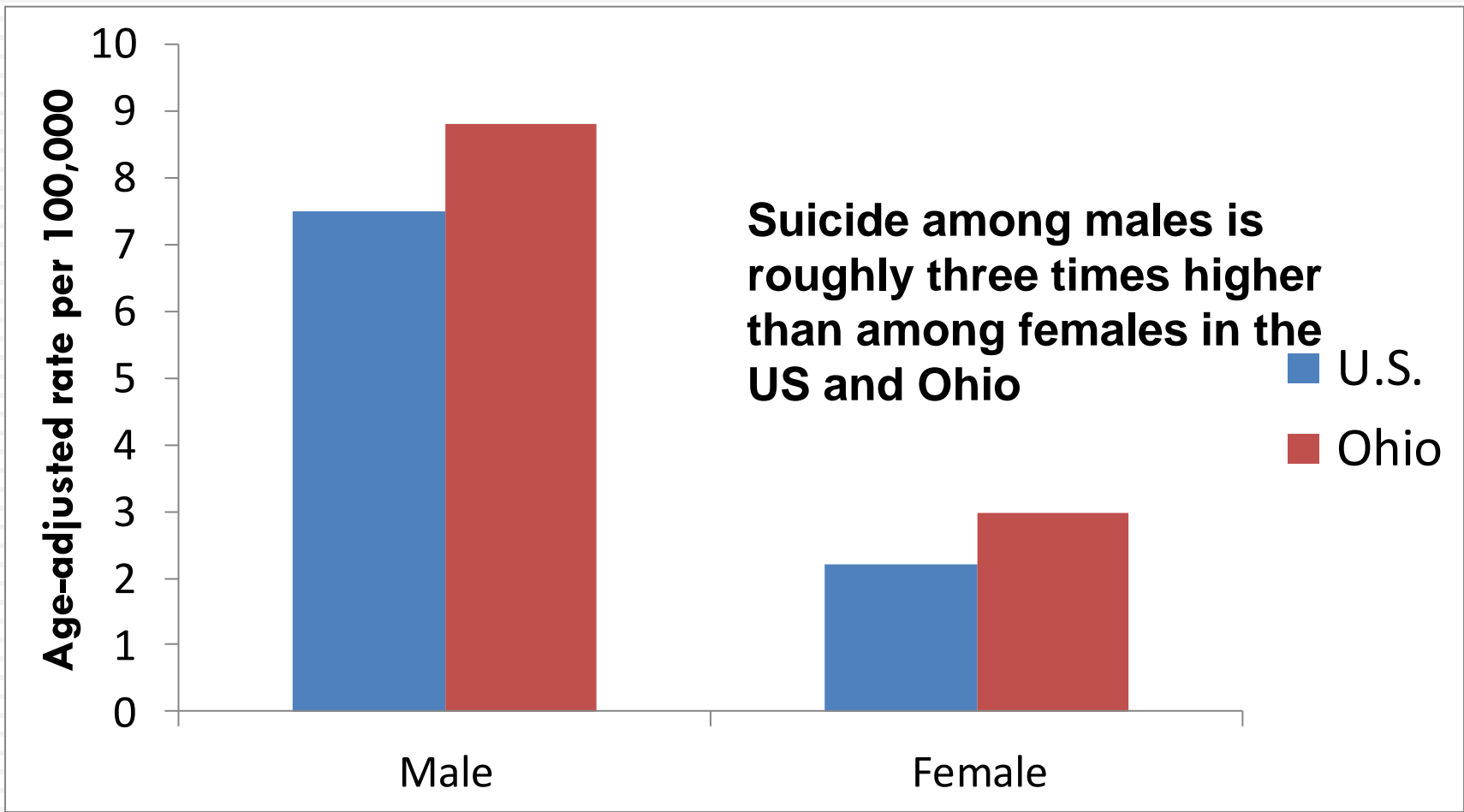


Suicide Rates per 100,000 Population, Ohio Counties, 10-19yrs, 2004-2010*

*Annualized crude rate for Ohio: 5.05



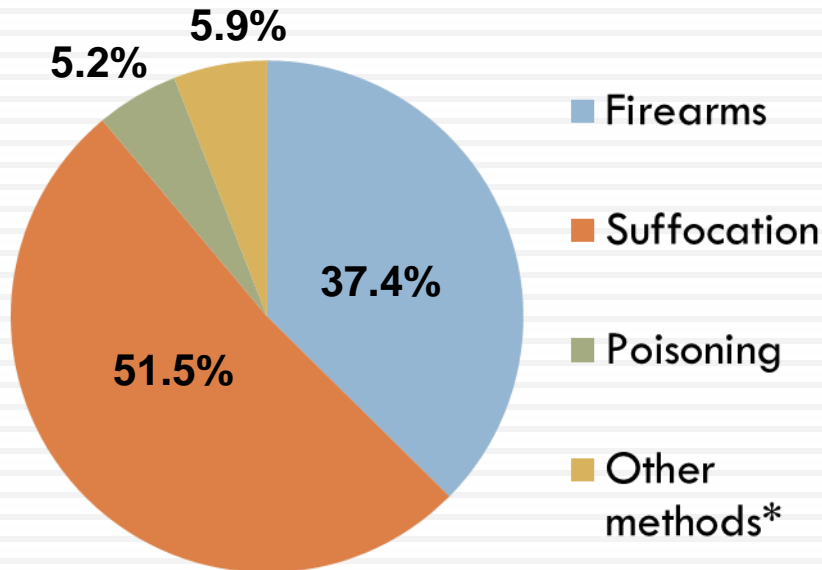
Comparison of Adolescent Suicide Rates in Ohio and U.S. by Sex, 2011



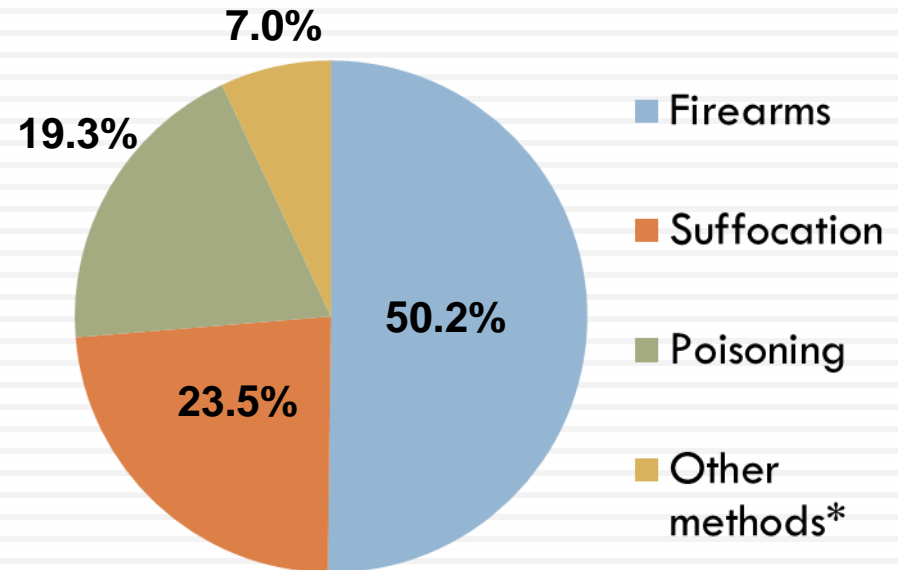
Source: Centers for Disease Control and Prevention, WISQARS; data accessed from http://webappa.cdc.gov/sasweb/ncipc/dataRestriction_inj.html

Suicide Deaths by Mechanism, Ohio, 2006 to 2010

Age 10 - 19 years



Age 20 years and older



Columbus Dispatch: 'Youth Suicides Up in Franklin County', December 16, 2012

- Dramatic single-year increase in the number of pediatric suicides in Franklin County
- The number of suicide deaths in 2012 is equal to the number of suicide deaths in the past 5 years combined

Disturbing trend

The number of pediatric suicides investigated in Franklin County this year has risen threefold from 2011 and is equal to the number of such deaths in the past five years combined.



Note: 2012 figures are through Dec. 14. Two victims were residents of adjacent counties who died at Nationwide Children's Hospital, and their deaths were investigated by Franklin County.

Source: Franklin County coroner

My Past Research

- Dissertation Research
 - ▣ Protective factors for adolescent suicide (case-control study)
 - Attachment Security, Religious Orientation, and Family Alliance

- South Texas Adolescent Transition Study (STAT)
 - ▣ Adolescents 12-17 yrs old; 5 year study follow-up every 6 months
 - Assessed Impulsivity, Substance Use, Serotonin Transporter Functioning, and more

My Current Research

- BRAINS study
 - ▣ Neurocognitive functioning, family history of mental health, impulsivity, and more

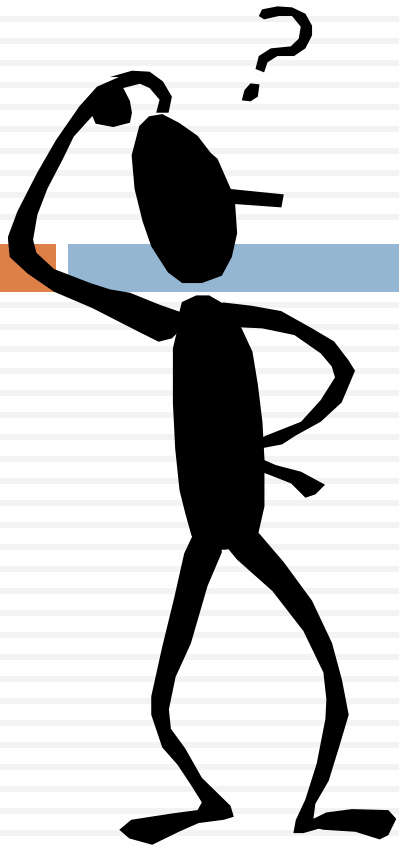
- STAT-ED
 - ▣ Emergency department (ED) intervention study; examining the efficiency of “case management” vs. “usual care” after ED discharge
 - ▣ Examining willingness to enter into treatment, follow through, and suicidal thoughts/behaviors 2 and 6 months after discharge

What does the future hold?

1. Supplemental Award from National Institute of Mental Health (NIMH)
 - Neurocognitive functioning and impulsivity of parents in the BRAINS study
2. Manuscripts, manuscripts, and more manuscripts
 - Ideators and Decision Making
 - Attachment/Peer relationships/Suicidal behavior
 - Correlation between adolescents and their parents on decision making and impulsive aggression
3. Apply for more grants!
 - Career Development Grant via NIMH

What if you or someone you know needs help?

- National Line
 - 1-800-273-TALK (8255)
- Muskingum County Crisis Hotline
 - 1-800-344-5818
- Franklin County Crisis Hotline
 - 24-hour Hotline – 614-221-5445
 - 24-hour Teen Hotline – 614-294-3300
 - 24-hour Senior Hotline – 614-294-3309
- Closest Emergency Room



Questions??

