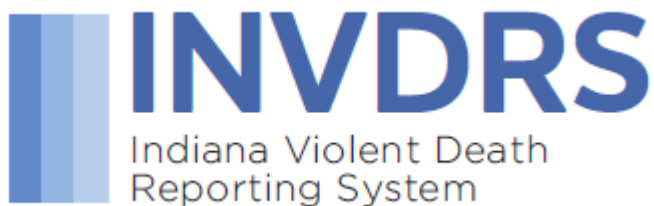


Indiana Violent Death Reporting System (INVDRS) Advisory Board Meeting September 15, 2017

Rachel Kenny, MPH,

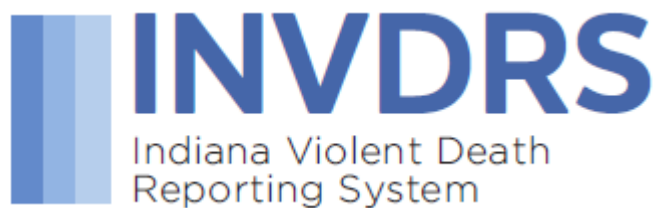
INVDRS PI & Epidemiologist

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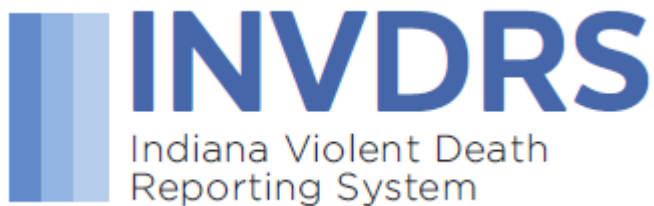


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Agenda

- Introductions
- Drug Overdose Grants Update-Jessica Schultz
- Program Updates
- Data Presentation
 - 2015-2017 Violent Death Demographics
 - 2015 INVDRS Pilot Counties

Introductions



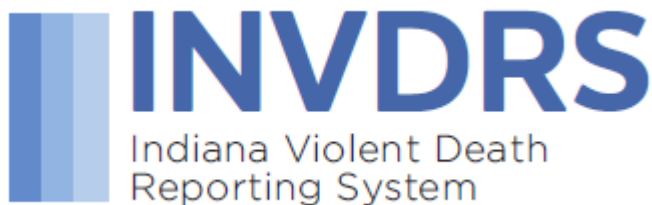
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New INVDRS Staff

- Records Consultants
 - Brittany Armstrong
 - Patricia Dotson
 - Anita McCormick-Peyton
- Intern-Vincent Gallagher



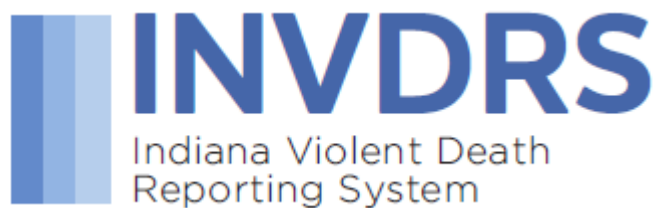
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2018 meeting dates

- 1 p.m.-3 p.m. EST in Rice Auditorium
 - March 16th
 - September 21st



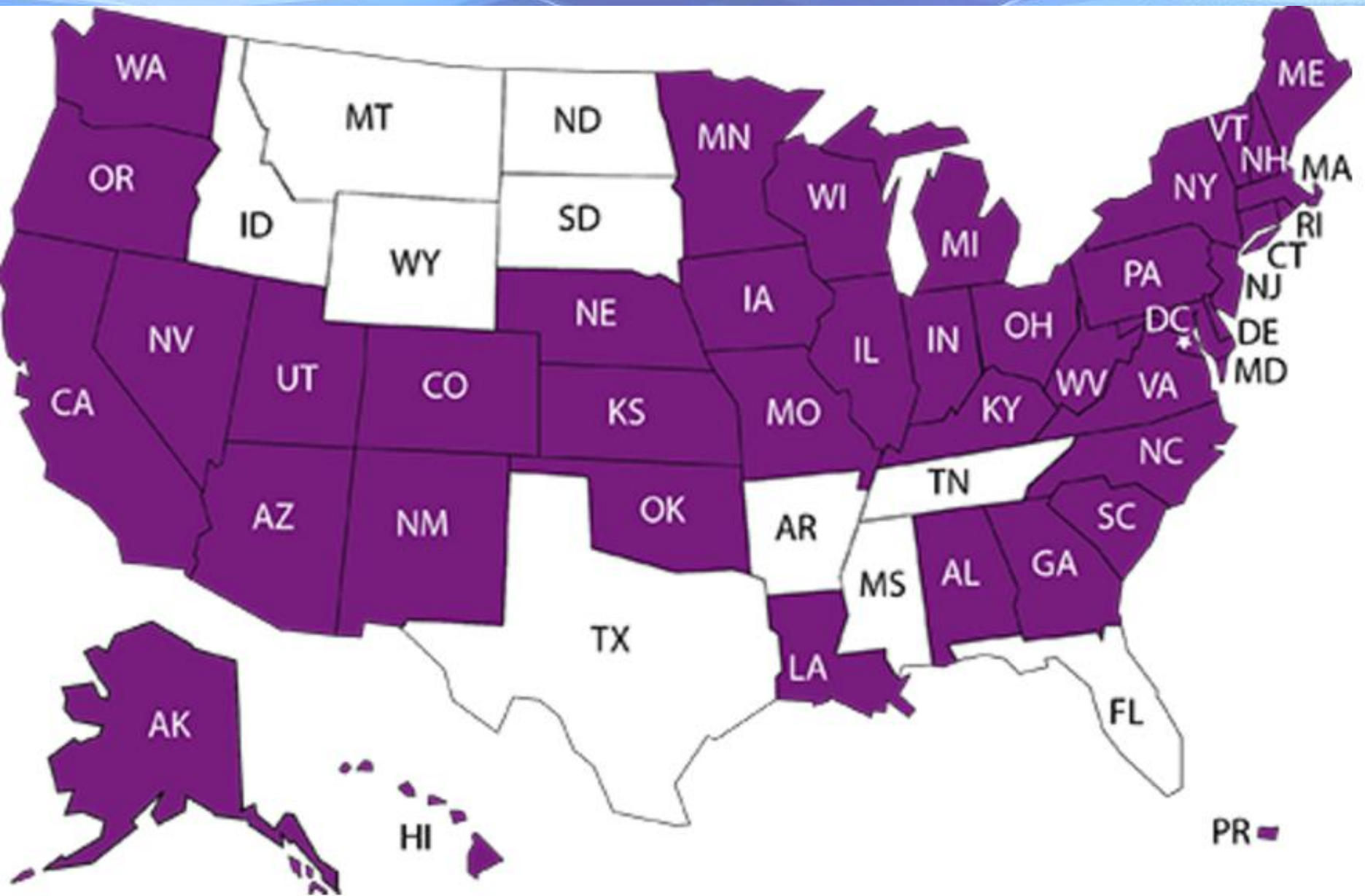
Program Updates



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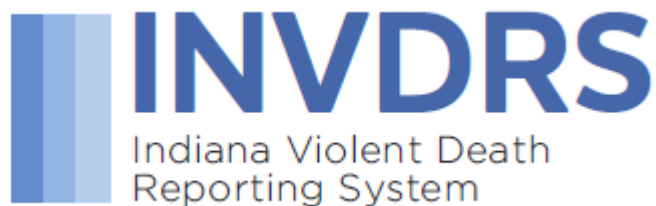
2017 Reverse Site Visit

- May 16th-May 18th
- New Orleans, LA
- Attendees: NVDRS-funded states and CDC staff

Rachel and Ryan attended.



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Tuesday, May 16, 2016 – Working with Partners and Stakeholders

8:00 am – 12:45 pm	Registration			Jacqueline Crain LaKaya Brittian-Quander
8:00 am – 10:00 am	South Carolina	Kentucky	Minnesota	Interim Progress Reviews (for selected states)
10:00 am – 12:00 pm	Hawaii	Kansas		
12:00 pm – 1:00 pm	LUNCH			
1:00 pm – 1:20 pm	CDC Welcome Audience Introductions Overview of RSV & Housekeeping			Leadership Janet Blair Jacqueline Crain
1:20 pm – 1:45 pm	NVDRS Updates/Overview			Janet Blair, PhD MPH
1:45 pm – 2:30 pm	NVDRS Partners <ul style="list-style-type: none"> • The International Association of Chiefs of Police (IACP) • National Association of Medical Examiners (NAME) • National Association for Public Health Statistics and Information Systems (NAPHSIS) • American Public Health Association (APHA) 			Name—TBD
2:30 pm – 2:45 pm	National Center for Health Statistics			Name—TBD
2:45 pm – 3:00 pm	BREAK			
3:00 pm – 3:30 pm	Interactions with Legislators			Erin Black
3:30 pm – 4:45 pm	Data Use Partnerships <ul style="list-style-type: none"> • <i>Garrett Lee Smith partnerships</i> • <i>States sharing data with data providers</i> • <i>Data linkages</i> 			Lauren Larochelle (MA) & Lisa Millet (OR) Suzanne McLone (IL) & Antigone Kouvelis (IL)
4:45 pm – 5:00 pm	Day 1 Evaluation			Janet Blair, PhD, MPH
5:30 pm – 7:30 pm	Principal Investigator Meeting			State PI's

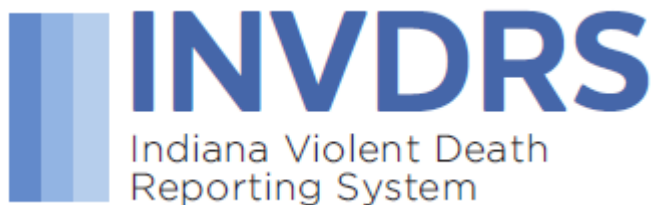
Wednesday, May 17, 2016 – Training, Tips, and Peer-to-Peer Learning		
8:00 am – 8:15 am	Overview of Day 2	Janet Blair, PhD, MPH
8:15 am – 8:45 am	Highlights of New Features for the Web-based System	Craig Bryant
8:45 am – 9:30 am	Abstracting Firearm Data	Scott Saxon (AK)
9:30 am – 10:00 am	ORISE Firearm Presentation	Kristiana Dixon, PhD Rachel Leavitt, MPH
10:00 am – 10:15 am	BREAK	
10:15 am – 10:45 am	Toxicology 101 Training/ “Decoding” Source Document Information	Bruce Goldberger, MD
10:45 am – 11:30 am	VDRS Data & Use of GIS	Allison Ertl, PhD, MS
11:30 am – 12:30 pm	Coding Training <ul style="list-style-type: none"> • <i>Onboarding & continuing education</i> • <i>How to do checks and rectify problems</i> • <i>Coding Examples</i> • <i>Toxicology or Metabolites – coding clarification</i> • <i>E-learning modules update</i> 	CDC Science Officers
12:30 pm – 1:30 pm	LUNCH	
1:30 pm – 2:30 pm	Circumstances & Narratives Training	CDC Science Officers
2:30 pm – 3:30 pm	Implementation Check-in with States	CDC-Moderated
3:30 pm – 3:45 pm	BREAK	
3:45 pm – 4:45 pm	CDC, VDRS Principal Investigators, and Program Managers	CDC Staff VDRS PI's
(concurrent with above session)	VDRS Epidemiologists and Abstractors Networking Time	VDRS Epidemiologists VDRS Abstractors
4:45 pm - 5:00 pm	Day 2 Evaluation	Janet Blair, PhD, MPH

Thursday, May 18, 2016 – Data, Quality, and Dissemination

8:30 am – 8:45 am	Overview of Day 3	Janet Blair, PhD, MPH
8:45 am – 9:00 am	State Performance Recognition	Janet Blair, PhD, MPH
9:00 am – 9:20 am	Using the Unintentional Drug Overdose Module (SUDORS)	Alana Vivolo-Kantor Julie O'Donnell
9:20 am – 10:00 am	Reports & Data Analyses—Recent Reports & Analyses, Products, & Works in Progress	CDC Science Officers and Project Officers
10:00 am – 10:15 am	BREAK	
10:15 am – 11:15 am	Special VDRS Projects	Lisa Millet (OR) Luke Werhan (OH) Ethan Jamison (CO) Deborah Hull-Jilly (AK)
11:15 am – 12:00 pm	NIOSH: NIOCCS Coding and Definitions	John Myers Sue Nowlin
12:00 pm – 1:15 pm	LUNCH	
1:15 pm – 2:00 pm	Using Data for Prevention	Melissa Heinen (MN) & Jon Roesler (MN) Samara VinerBrown (RI) & Yongwen Jiang (RI) Brandi Woods-Littlejohn (OK)
2:00 pm – 3:00 pm	Data Closeout & Quality Assurance	CDC Staff
3:00 pm – 3:15 pm	NVDRS Administration <i>Administering the cooperative agreement, Expectations and reports, Timelines</i>	Leroy Frazier, MSPH
3:15 pm – 3:30 pm	Day 3 Evaluation	Janet Blair, PhD, MPH

2017 Safe States Annual Meeting

- September 12-14, 2017
- Aurora, Colorado
- Strong focus in Data presentation and violence prevention



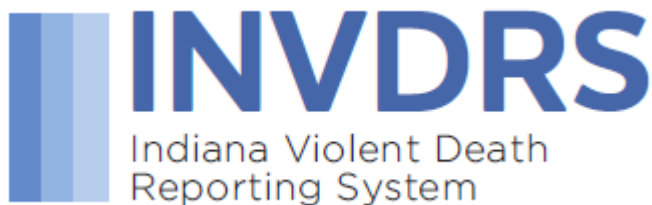
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Sessions Attended

- **Making your Data Work for You**
- Advanced Data Analysis Approaches
- Innovative ways to Communicate Data
- Building Capacity for Systems Thinking among Injury and Violence Preventions
- Link Data to Save Lives: Using NVDRS to Prevent Suicide and Firearm Injury

Sessions Attended

- Preventing Suicide Across the National Spectrum
- Expanding the Scope of NVDRS Analyses
- Addressing Firearm Violence with Public Health Strategies



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Suicide in Indiana Report Reminder!



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11 Leading Causes of Death, Indiana, 2011-2015

Rank	Age Groups										All Ages
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 688	Unintentional Injury 164	Unintentional Injury 88	Unintentional Injury 98	Unintentional Injury 1,504	Unintentional Injury 2,069	Unintentional Injury 1,871	Malignant Neoplasms 5,635	Malignant Neoplasms 13,360	Heart Disease 53,621	Heart Disease 68,532
2	Short Gestation 530	Congenital Anomalies 56	Malignant Neoplasms 59	Malignant Neoplasms 52	Suicide 577	Suicide 820	Malignant Neoplasms 1,316	Heart Disease 4,307	Heart Disease 8,668	Malignant Neoplasms 45,837	Malignant Neoplasms 66,836
3	SIDS 224	Homicide 44	Congenital Anomalies 25	Suicide 37	Homicide 524	Heart Disease 466	Heart Disease 1,272	Unintentional Injury 2,218	Chronic Low. Respiratory Disease 2,528	Chronic Low. Respiratory Disease 17,129	Chronic Low. Respiratory Disease 20,533
4	Unintentional Injury 214	Malignant Neoplasms 35	Homicide 16	Homicide 23	Malignant Neoplasms 143	Homicide 457	Suicide 842	Suicide 989	Unintentional Injury 1,740	Cerebrovascular 12,988	Cerebrovascular 15,262
5	Maternal Pregnancy Comp. 136	Septicemia 14	Heart Disease —	Congenital Anomalies 20	Heart Disease 133	Malignant Neoplasms 389	Liver Disease 280	Liver Disease 879	Diabetes Mellitus 1,605	Alzheimer's Disease 10,820	Unintentional Injury 14,605
6	Placenta Cord Membranes 88	Heart Disease 10	Septicemia —	Heart Disease 12	Congenital Anomalies 37	Liver Disease 88	Homicides 264	Chronic Low. Respiratory Disease 698	Cerebrovascular 1,352	Diabetes Mellitus 6,816	Alzheimer's Disease 10,917
7	Bacterial Sepsis 81	Influenza & Pneumonia —	Chronic Low. Respiratory Disease —	Chronic Low. Respiratory Disease 10	Complicated Pregnancy 24	Diabetes Mellitus 72	Diabetes Mellitus 245	Diabetes Mellitus 697	Liver Disease 1,269	Nephritis 5,651	Diabetes Mellitus 9,460
8	Respiratory Distress 72	Chronic Low. Respiratory Disease —	Benign Neoplasms —	Influenza & Pneumonia —	Septicemia 21	Cerebrovascular 61	Cerebrovascular 204	Cerebrovascular 612	Suicide 731	Unintentional Injury 4,639	Nephritis 6,782
9	Circulatory System Disease 55	Perinatal Period —	Influenza & Pneumonia —	Diabetes Mellitus —	Diabetes Mellitus 20	Complicated Pregnancy 61	Influenza & Pneumonia 122	Septicemia 322	Nephritis 728	Influenza & Pneumonia 4,320	Influenza & Pneumonia 5,243
10	Homicide 49	Cerebrovascular —	Anemias —	Cerebrovascular —	Chronic Low. Respiratory Disease 19	Influenza & Pneumonia 60	HIV 103	Nephritis 262	Septicemia 718	Septicemia 3,793	Septicemia 5,048
11	Neonatal Hemorrhage 46	Benign Neoplasms —	Cerebrovascular —	Septicemia —	Two Tied 18	Congenital Anomalies 51	Septicemia 99	Homicide 231	Influenza & Pneumonia 449	Parkinson's Disease 2,729	Suicide 4,673

Suicide Rates*, 1999-2015

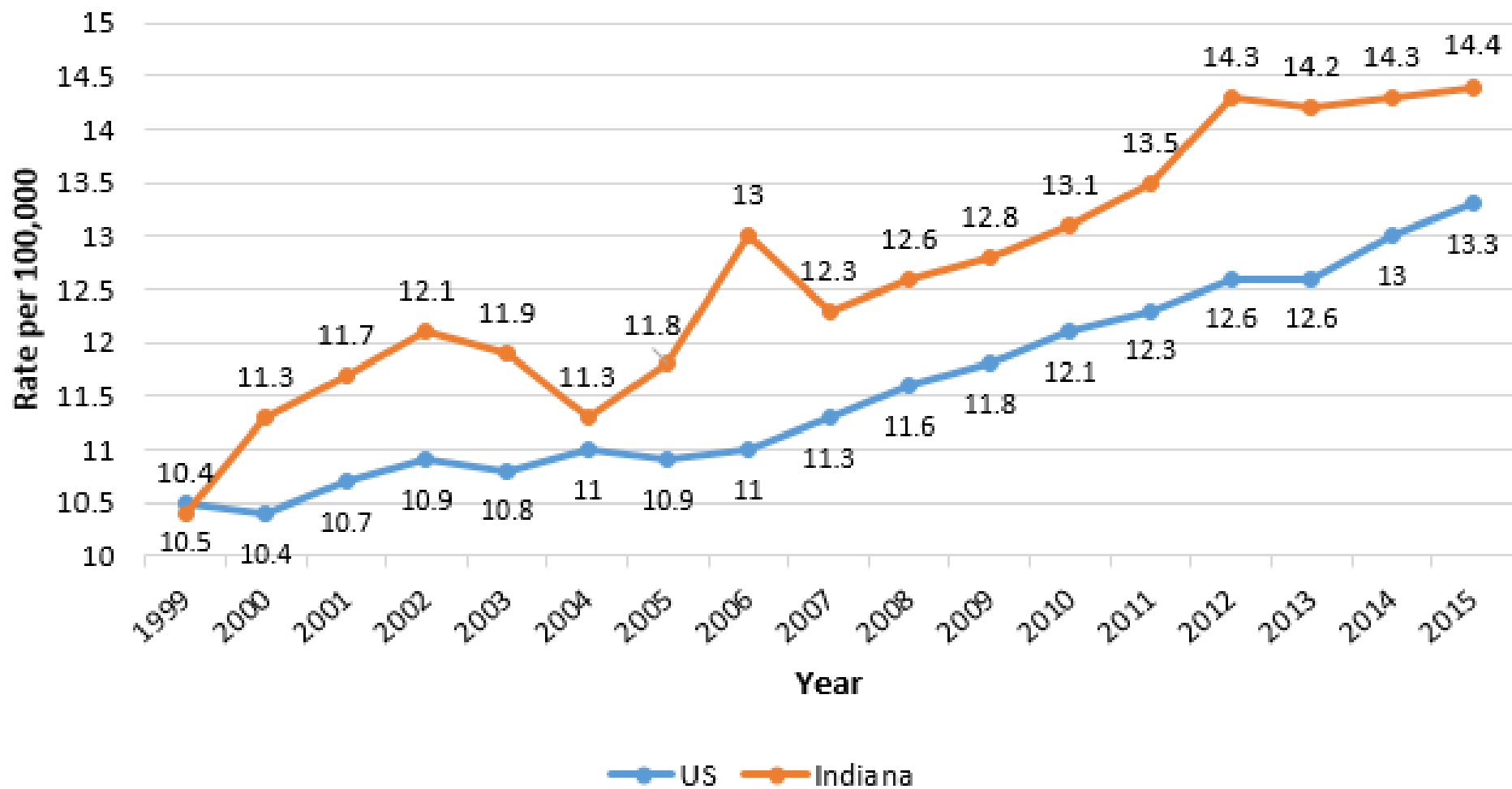
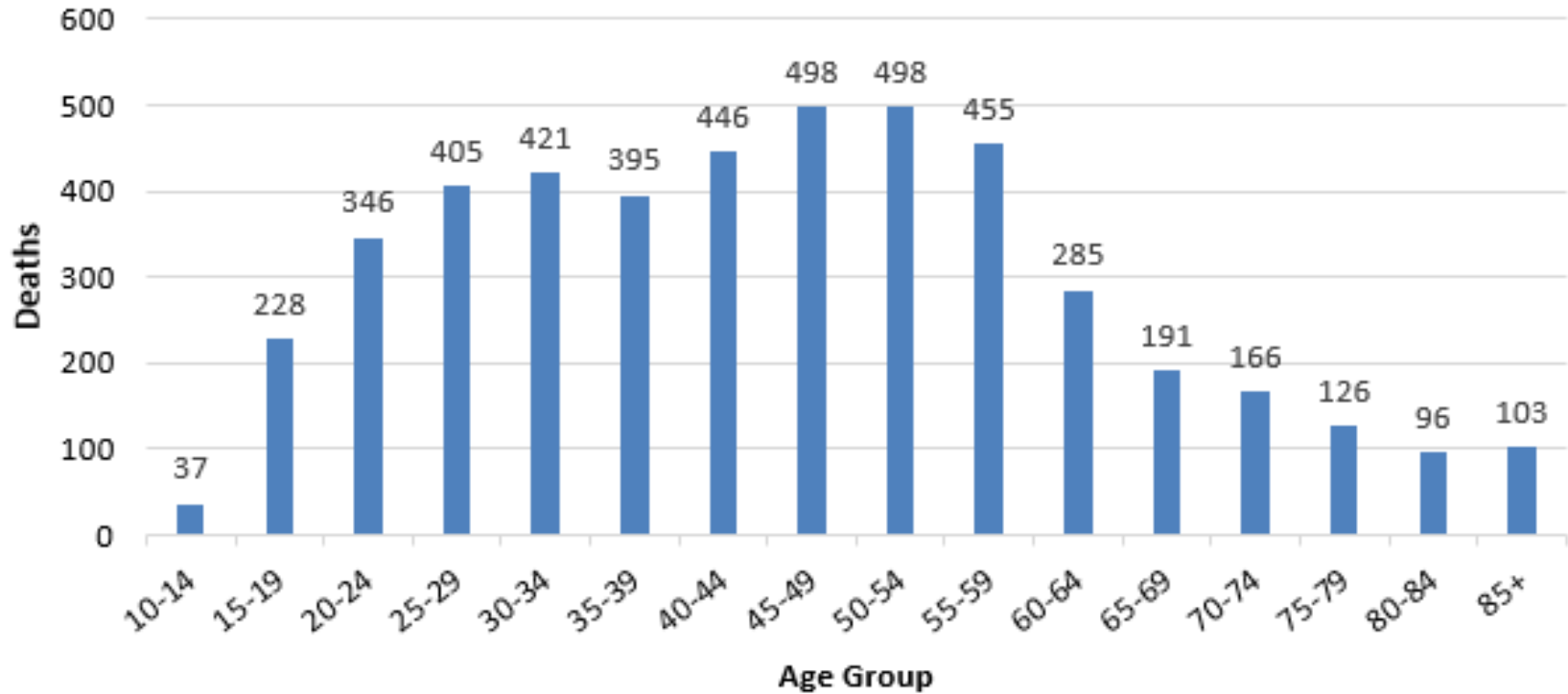
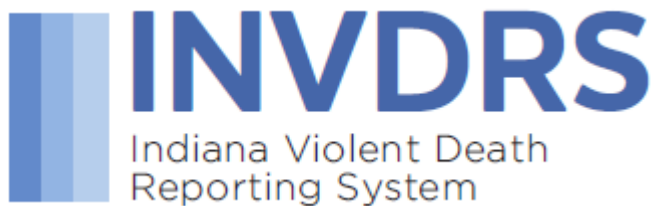


Figure 8. Suicides by age group, Indiana, 2011-2015

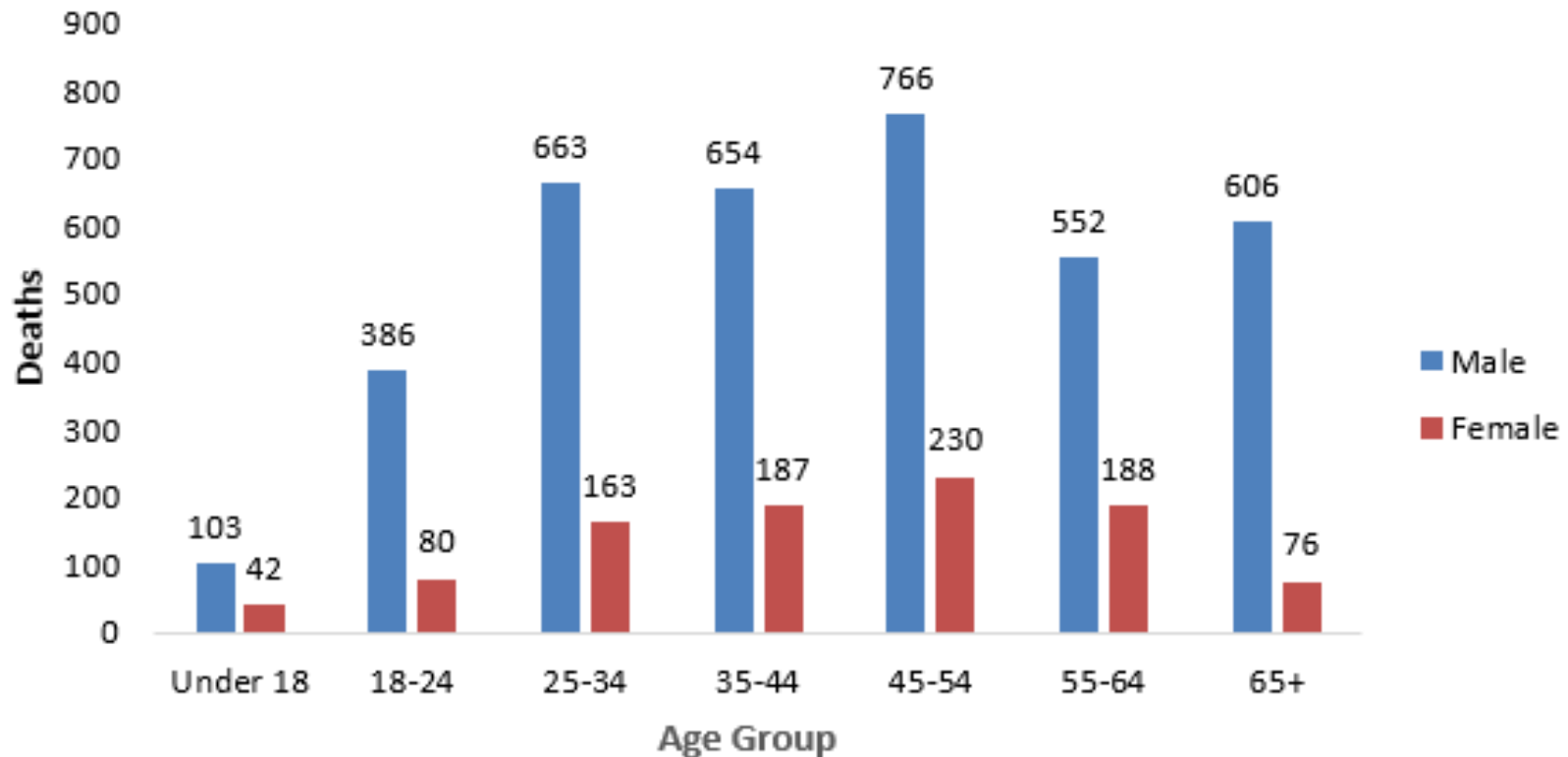


Source: Indiana State Department of Health, Epidemiology Resource Center

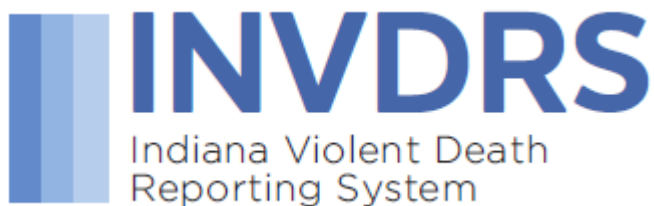


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Figure 11. Suicide by sex and age, Indiana, 2011-2015

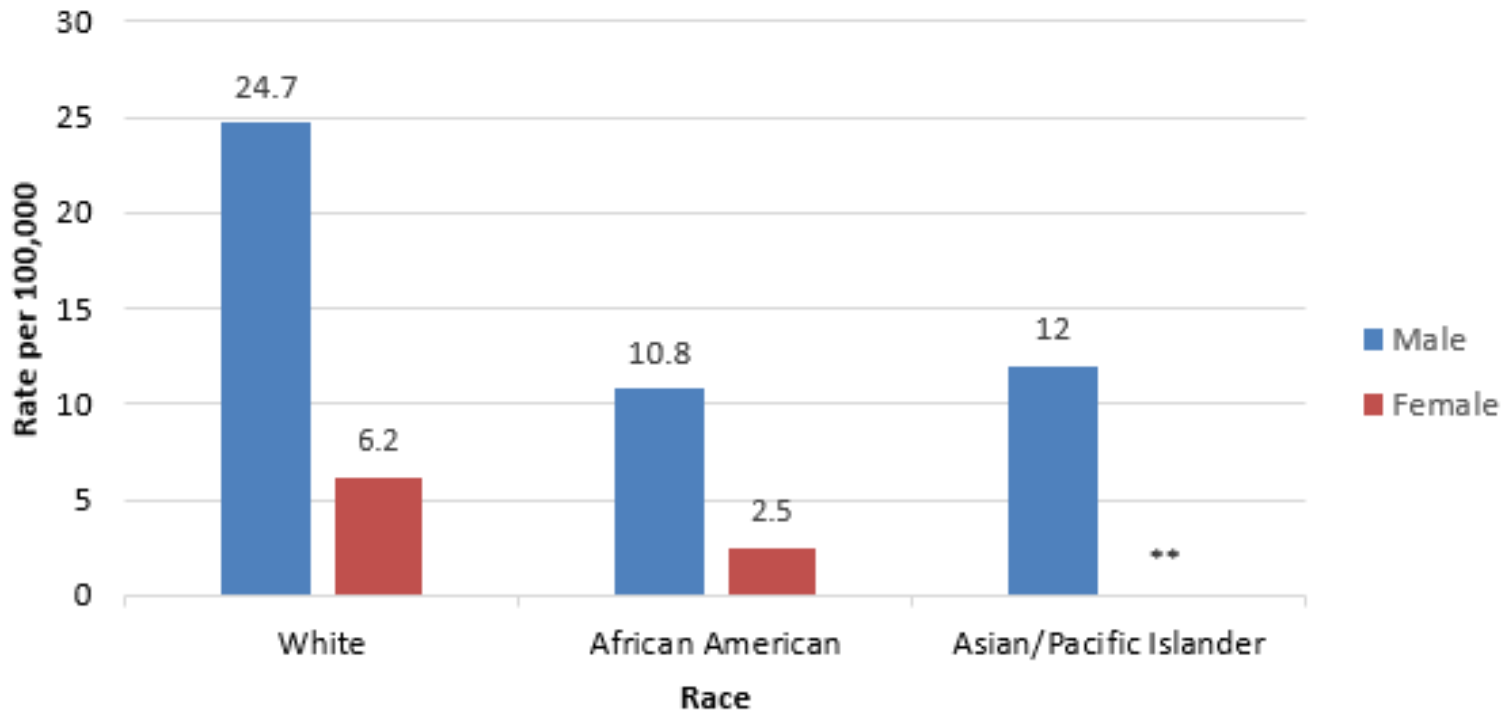


Source: Indiana State Department of Health, Epidemiology Resource Center



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Figure 13. Suicide rates* by race and sex, Indiana, 2011-2015

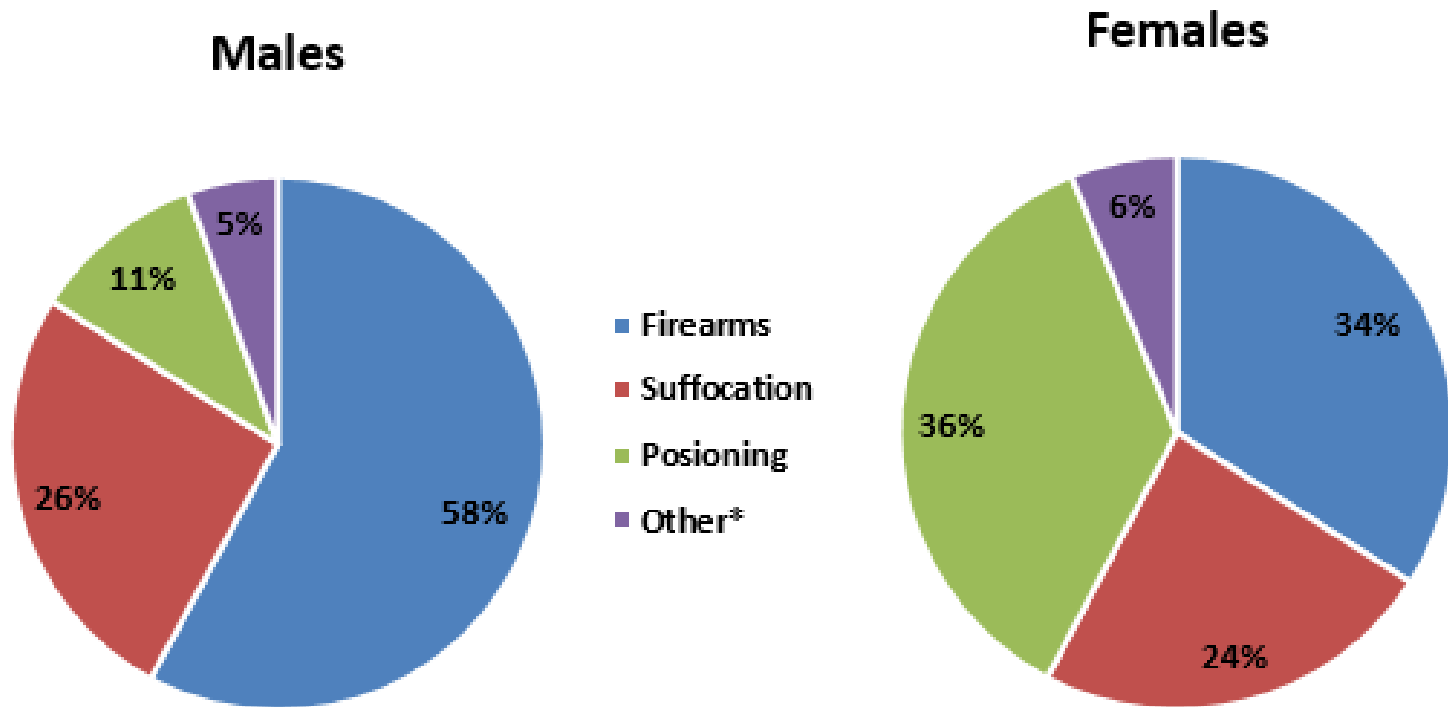


*Age-adjusted rates per 100,000 population

**Asian/Pacific Islander Female rate suppressed due to unstable rate.

Source: National Center for Injury Prevention and Control CDC, National Center for Health Statistics Vital Statistics System, WONDER

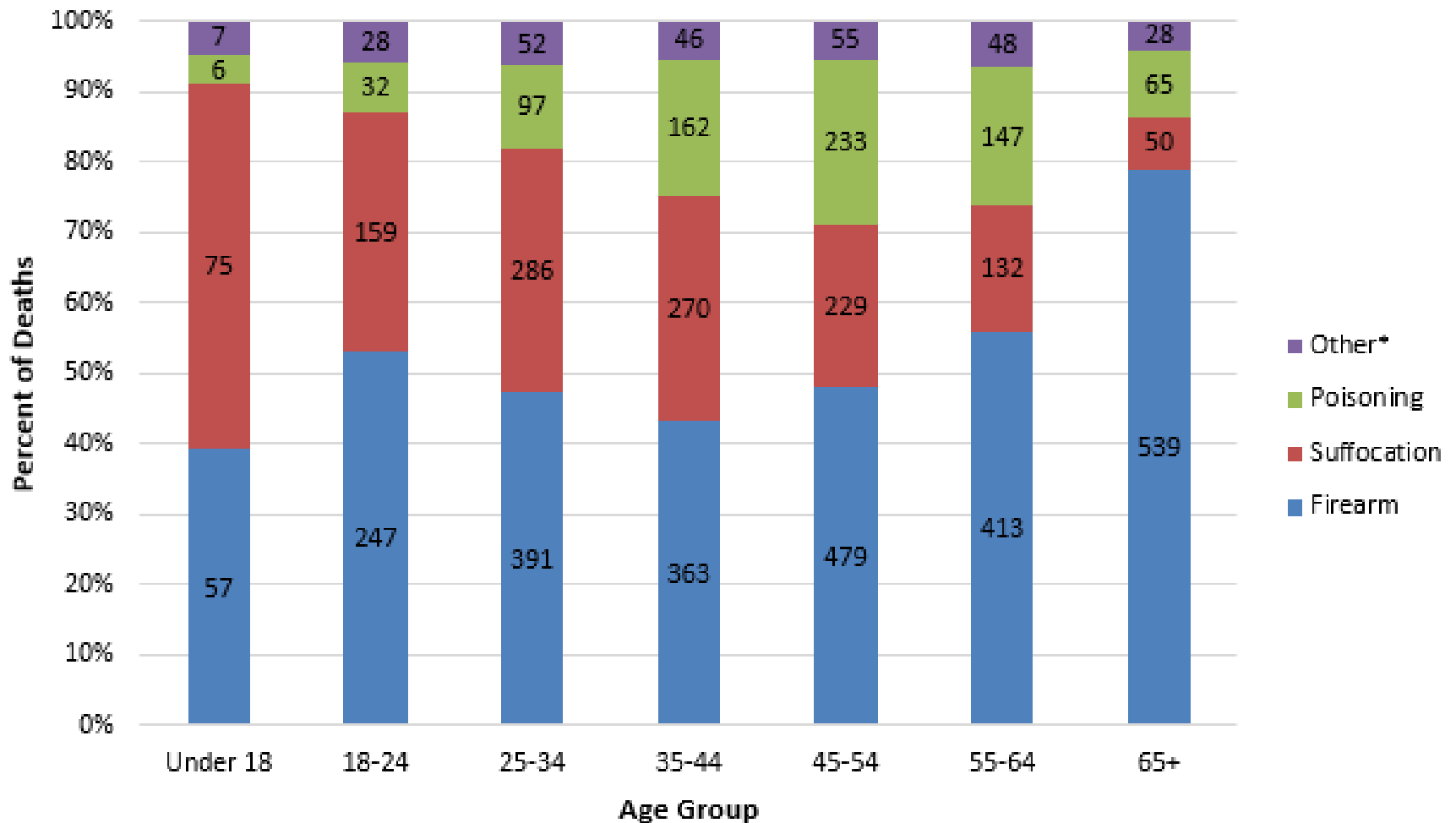
Figure 15. Suicide by mechanism and sex, Indiana, 2011-2015



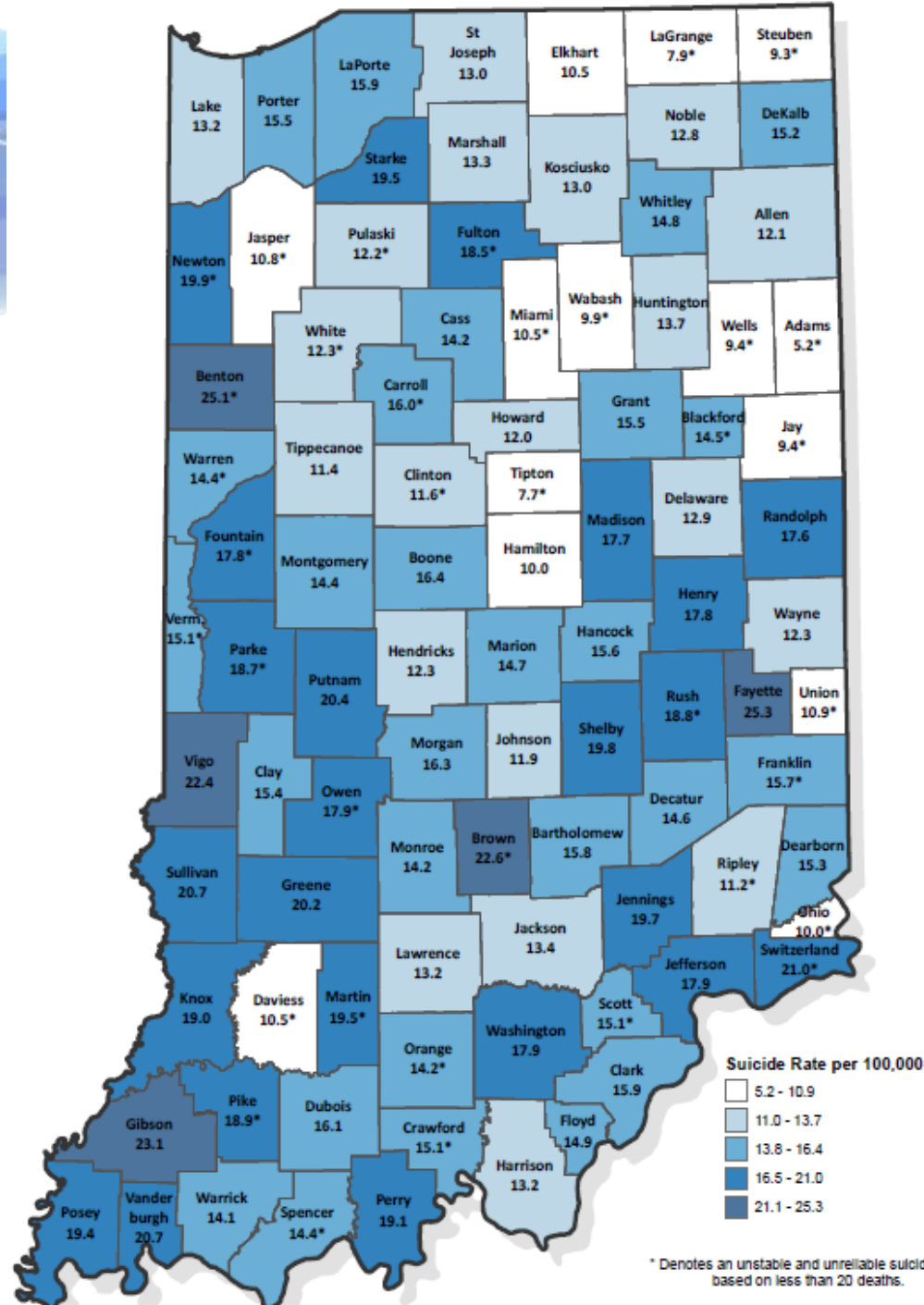
*Other mechanisms include: drowning, cutting/piercing, fall, motor-vehicle collisions, fire and unclassified/unspecified

Source: Indiana State Department of Health, Epidemiology Resource Center

Figure 16. Suicide by mechanism and age, Indiana, 2011-2015



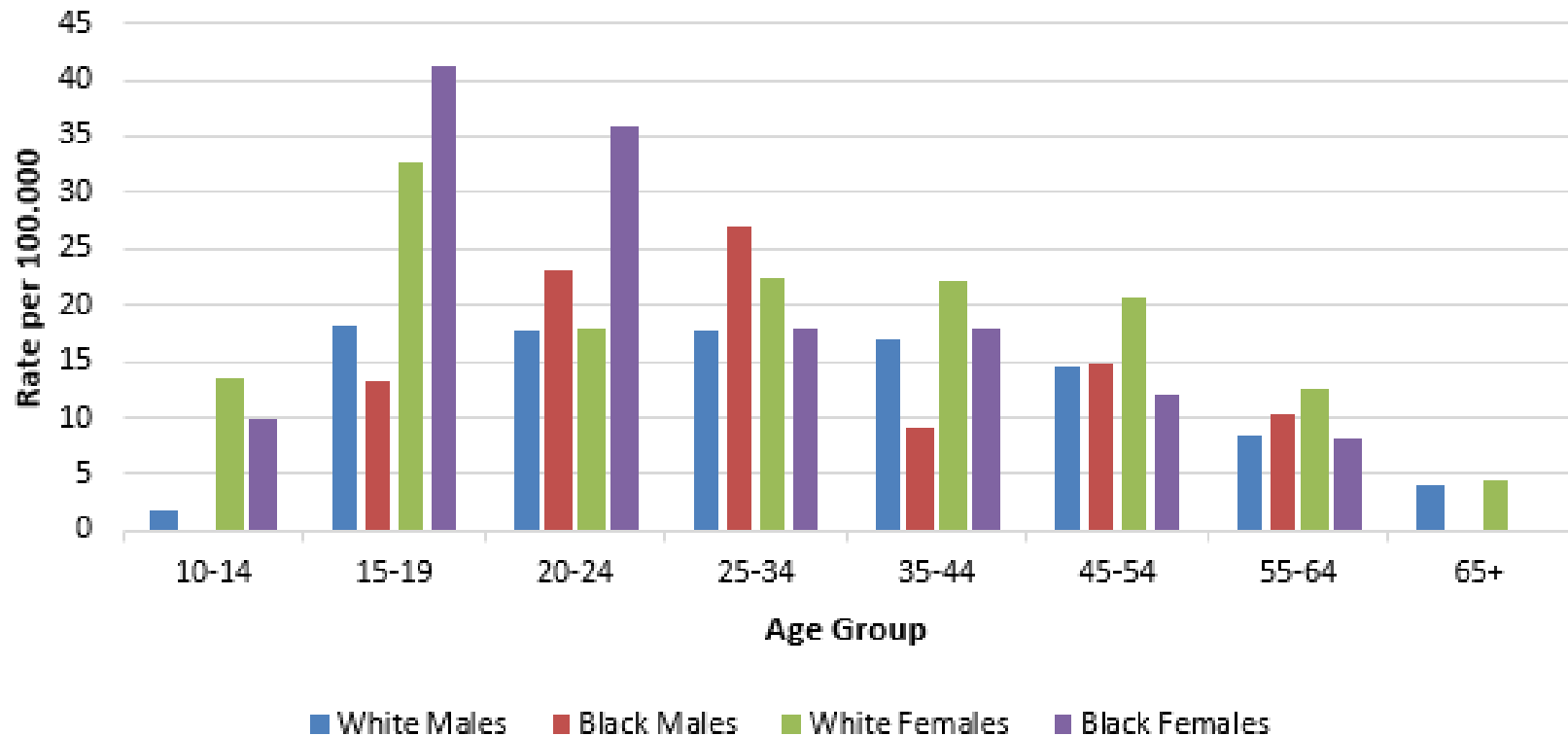
Source: Indiana State Department of Health, Epidemiology Resource Center



Suicide Attempts

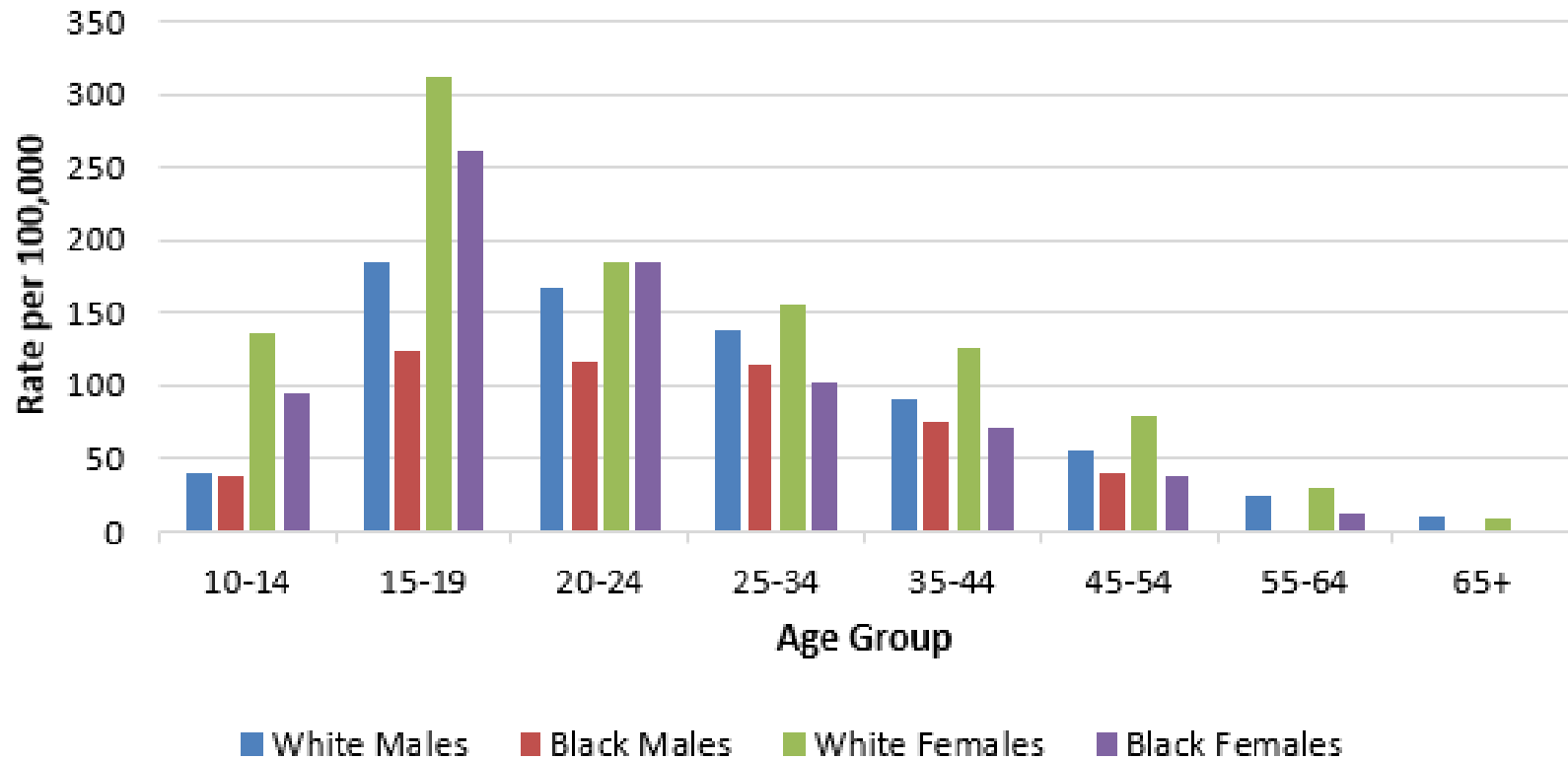
- For every suicide death there is on average 25 suicide attempts
- For every youth suicide death there is on average 100-200 youth suicide attempts
 - **14,500-29,000 Hoosier youths attempted suicide in Indiana between 2011 and 2015**

Figure 18. Self-inflicted injury hospitalization rates by age and race, Indiana, 2011-2014



Source: Indiana Hospital Association, Hospital Discharge Data

Figure 20. Self-inflicted injury ED visit rates by age and race, Indiana, 2011-2014



Source: Indiana Hospital Association, Hospital Discharge Data

Table 15. Youth Risk Behavior Survey results, Grades 9-12, Indiana, 2011 & 2015

Health-risk Behavior	2011		2015	
	Total Percent	95% CI	Total Percent	95% CI
During the 12 months prior to the survey, students in grades 9-12:				
Felt sad or hopeless almost every day for 2 or more weeks in a row, so that they stopped doing some usual activities	29.1	(26.3–31.9)	29.3	(27.0–31.9)
Seriously considered attempting suicide	18.9	(15.8–22.5)	19.8	(17.9–21.7)
Made a plan about how they would attempt suicide	13.6	(11.9–15.5)	17.0	(15.3–19.0)
Attempted suicide one or more times	11.0	(8.9–13.4)	9.9	(7.7–12.7)
Suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse	3.9	(3.2–4.9)	3.9	(2.5–6.0)
Asked for help from someone before their suicide attempt such as a doctor, counselor, or hotline (Among students who attempted suicide during the 12 months before the survey)	*	*	34.2	(28.4–40.6)

*New Question to 2015 YRBS Survey

Source: Indiana Youth Risk Behavior System Survey 2011 and 2015

Other topics in Report

- Suicide in the U.S.
- Additional maps/geographic distributions
- Special Populations
- Protective factors
- Risk factors

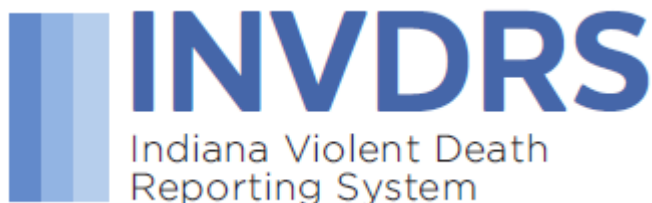


Data Sources

- ISDH Mortality Reports, 2011–2015. Epidemiology Resource Center,
- CDC WISQARS and WONDER databases
- Indiana Hospital Association, Hospital Discharge Inpatient Data, 2011-2015.
- Indiana Hospital Association, Hospital Discharge Outpatient/ED Data, 2011-2015.
- Indiana Youth Risk Behavior System Survey, 2011 and 2015.

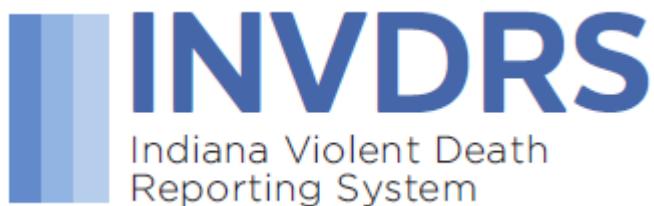


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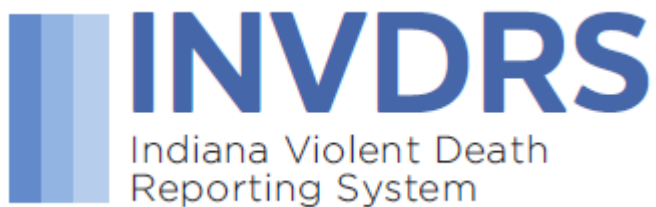
Report available at:

<http://www.in.gov/isdh/25396.htm>



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RECENT GRANT APPLICATIONS



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Grant activities

- Prescription Drug Overdose: Prevention for States
 - Applied for year 2 (base and supplement)
 - Applied for a Program Expansion: 7/2017
- Enhanced State Surveillance of Opioids
 - Originally awarded but not funded, funding starts September 1
 - Applied for supplement: 7/2017
- First Responder Comprehensive Addiction and Recovery Act
 - Applied 7/2017



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Prescription Drug Overdose Prevention for States 2017 Program Expansion

Activity 1.1: Building Capacity and Infrastructure to Enhance Use of INSPECT Data

Activity 1.2: INSPECT Expansion into Electronic Health Records in High Opioid- Prescribing Facilities

Activity 2.1: Piloting of an Overdose Fatality Review

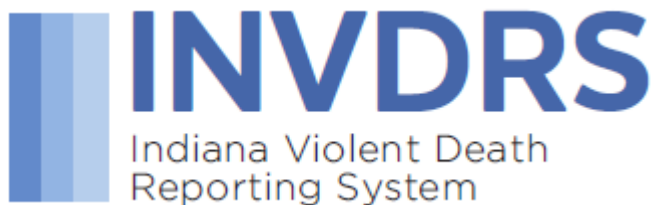
Activity 2.2: Collecting Adverse Childhood Experiences Data through the 2018 Behavioral Risk Factor Surveillance System

Activity 4.1: Overdose Rapid Response Plan to Address Overdose Clusters in Five Pilot Counties

Enhanced State Opioid Overdose Surveillance (ESOOS)

Originally applied 6/2016, funded 9/2017

1. Increase the timeliness of aggregate nonfatal opioid overdose reporting
2. Increase the timeliness of fatal opioid overdose and associated risk factor reporting
3. Disseminate surveillance findings to key stakeholders working to prevent or respond to opioid overdoses



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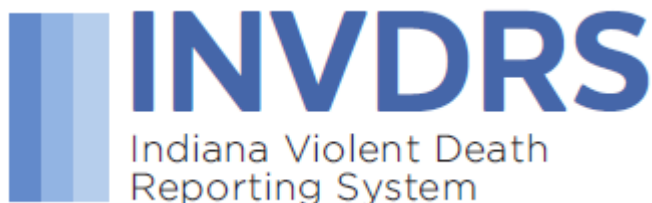
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ESOOS 2017 Supplemental

1 year supplemental opportunity

Activity 1: Implement comprehensive toxicology testing

Activity 2: Linking INSPECT data to opioid-related overdose deaths during coroner investigations



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First Responder - Comprehensive Addiction and Recovery Act (FR CARA)

Program will:

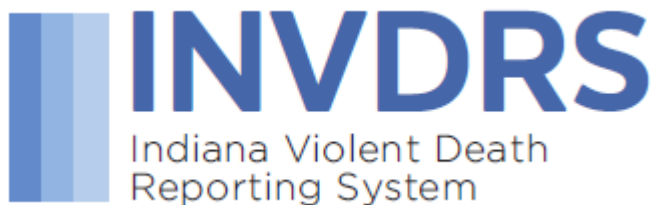
- 1) Provide resources through the Indiana Naloxone Kit Distribution Program for First Responders in rural communities;
- 2) Train first responders on carrying and administering naloxone; and
- 3) Expand the Indiana Recovery and Peer Support Initiative for referral to appropriate treatment and recovery communities.

As of 9/14/2017, Funding Decision Pending

2018 IPAC Meetings

Meetings: 10 a.m. – 12 p.m. EST

- March 16
- Spring Conference, TBD
- July 20 (webcast)
- September 21
- November 16

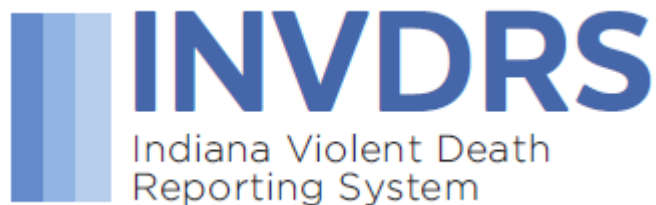


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2017 IPAC Meetings

Meetings: 10 a.m. – 12 p.m. EST

- November 17



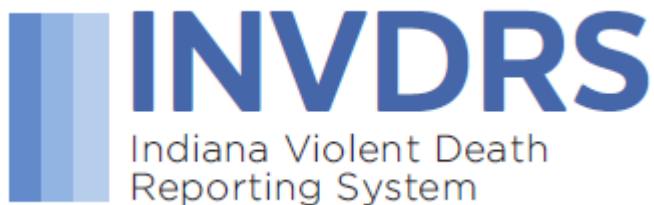
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Upcoming Events

- Indiana Emergency Response Conference, Sept. 20-23
- National Traumatic Brain Injury Awareness Month
- National Suicide Prevention Week, Sept. 10-16
- Child Passenger Safety Week, Sept. 17-23
- Falls Prevention Awareness Day, Sept. 22
- National Seat Check Saturday, Sept. 23



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Upcoming Events

- Public Safety + Public Health Opioid Conference, Sept 27
- Domestic Violence Awareness, October
- National Bullying Prevention Month, October
- 8th Annual Prescription Drug Abuse & Heroin Symposium, October 30-31
- 2017 Labor of Love Summit, Nov. 15
- 2017 Midwest Injury Prevention Alliance Summit, November 30-December 1



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Public Safety + Public Health Opioid Conference

- September 27th from 8:30 a.m. to 4:30 p.m. at the Ritz Charles
- No registration fee required and breakfast and lunch are provided
- Learn more:
<https://www.eventbrite.com/e/public-safety-public-health-opioid-conference-tickets-36838582191>



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2017 Midwest Injury Prevention Alliance Summit

OUR GOAL
IS **ZERO**

NOV 30 – DEC 1, 2017

SAVE THE DATE

Injury Prevention in the Midwest: Our Goal is Zero
Hosted by the Minnesota Department of Health
Injury and Violence Prevention Section
Bloomington, MN



Join us for this year's Midwest Injury Prevention Alliance Summit, as injury professionals from states in Federal Health and Human Services Region V (Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin) gather to work toward reducing unintentional and intentional injury-related death and disability.

Additional information and registration coming soon!

www.midwestinjurypreventionalliance.org



Midwest
Injury
Prevention
Alliance

mi DEPARTMENT
OF HEALTH

2018 EMS Medical Director's Conference



5th annual
**EMS
Medical Directors'
Conference**

Friday, April 27, 2018

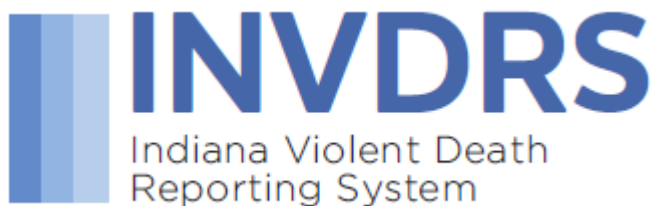
Ritz Charles
12156 N. Meridian Street
Carmel, IN 46032

8am - 5pm

SAVE THE DATE

Get notified when registration opens!

Send your contact information to:
indianatrauma@isdh.in.gov

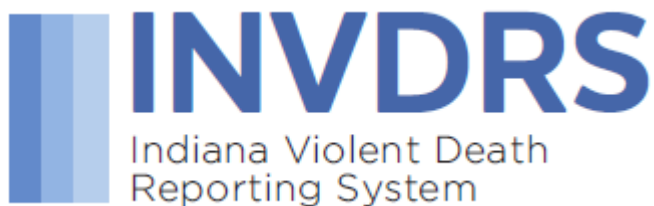


2017 Labor of Love Summit

- November 15, J.W. Marriott in downtown Indy



- More info: <http://www.infantmortalitysummit-indiana.org/>



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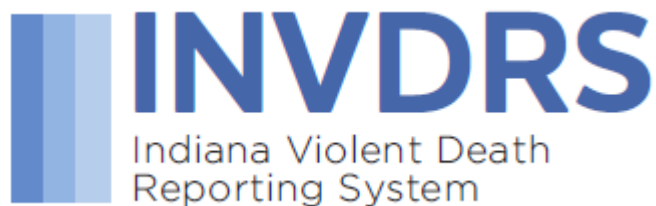
Thank you for your attention!

Jessica Schultz, MPH

Injury Prevention Epidemiologist Consultant

Email: JSchultz@isdh.in.gov

Phone: 317-617-4155

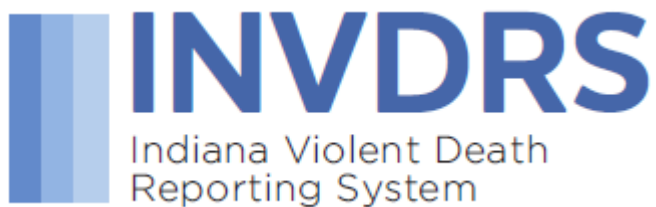


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Data Provider Progress



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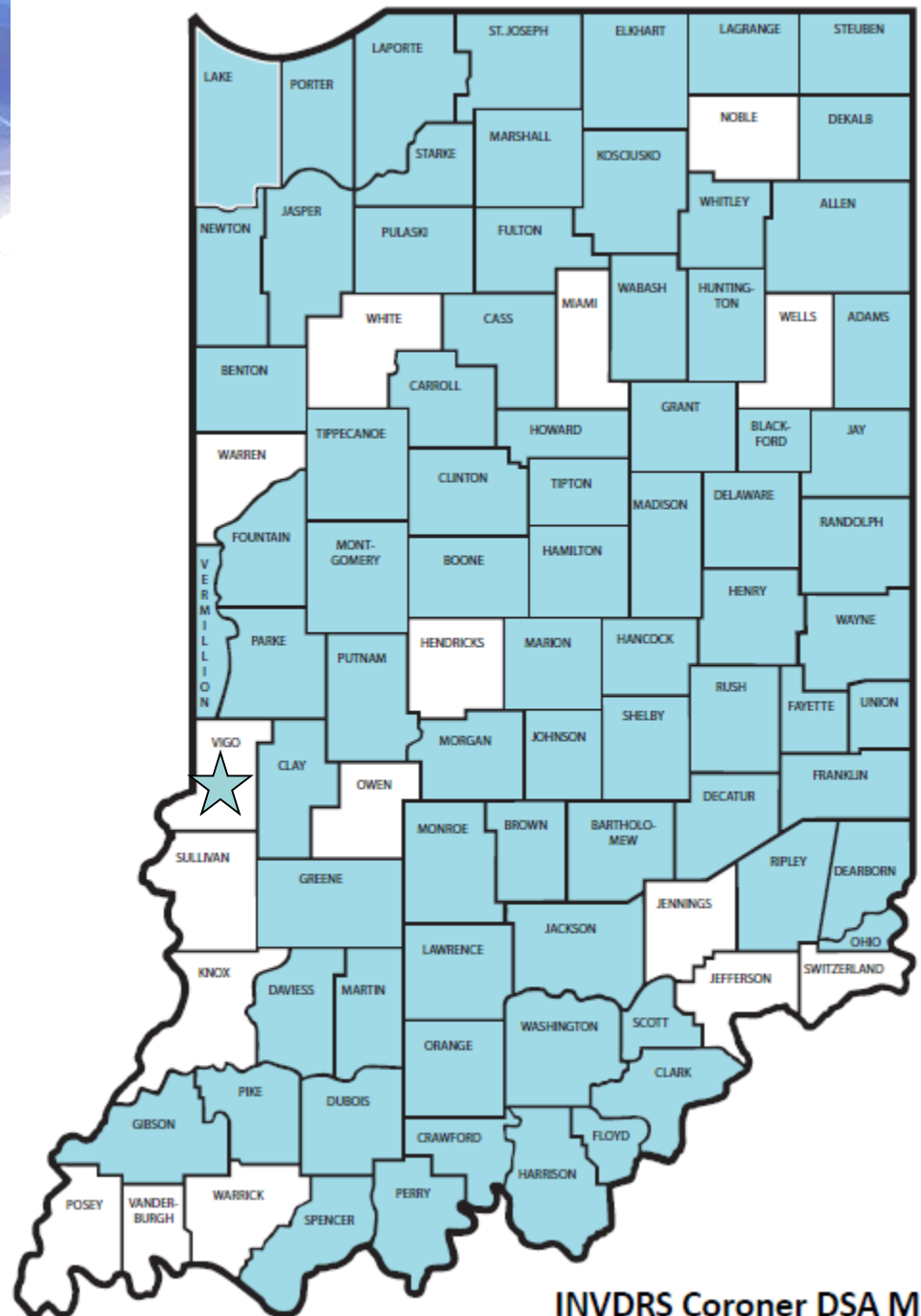
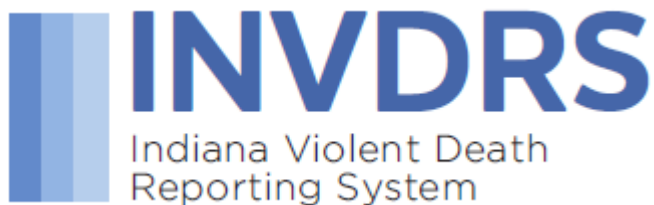
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Coroners

- 76 signed data sharing agreements

Questions/Comments:
Joboyle@isdh.in.gov



INVDRS Coroner DSA M

Connections?

- Boone
- Jefferson
- Jennings
- Knox
- Miami
- Noble
- Owen
- Posey
- Sullivan
- Switzerland
- Warren
- Warrick
- Wells
- White



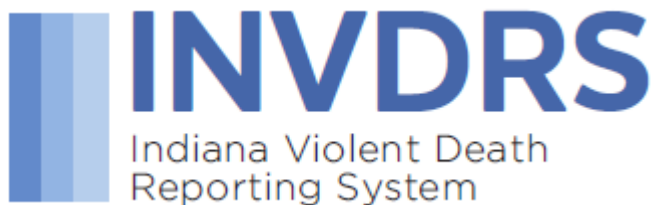
Indiana State
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Please contact: JObyle@isdh.in.gov

Challenges

Agencies Declining to Participate in INVDRS

- Monticello PD
- Elkhart County SD
- Goshen PD
- Elkhart PD
- Cass County SD (~5)
- Gibson County SD (~14)
- Harrison County SD (~17)
- Mishawaka PD (~42)
- Montgomery SD
- New Albany PD (~45)
- Starke County SD (~14)
- Steuben County SD (~6)



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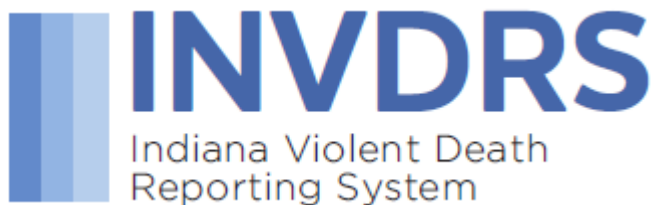
50

Email Questions: INVDRS@isdh.in.gov

Challenges

Agencies Not Yet Participating

- White County coroner and sheriff
- Jasper County SD
- Demotte PD
- St. Joseph County SD
- Osceola PD
- Salem PD

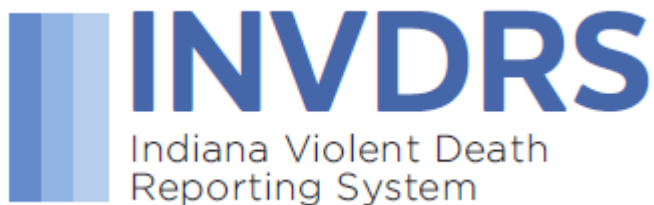


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Successes

- 45 Coroner DSA's in January 2017 to 76 today
- Elkhart County Coroner is participating and we have already received their reports
- Indiana State Police have been approved to participate and we are now waiting for their records

Data Abstraction & Records Collection



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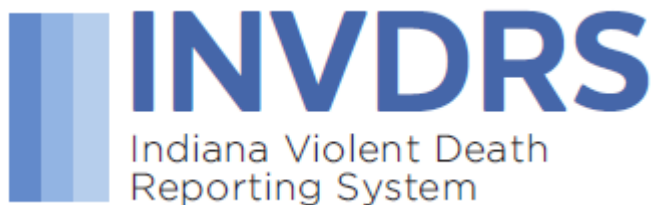
Email Questions: INVDRS@isdh.in.gov

Data Availability and Deadlines

Data Year	Death Certificate Data	Complete INVDRS Data-CDC Deadline
2015	Sept. 2016 (prelim), January 2017 (final)	June 2017
2016	Sept. 2017 (prelim), January 2018 (final)	June 2018
2017	Sept. 2018 (prelim), January 2019 (final)	June 2019
Etc.		

2016 Records Collection

- Coroner Reports Received: 52%
- LE Reports Received: 57%

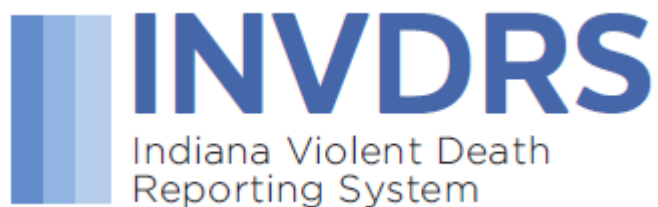


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Death Certificate Data for Violent Deaths



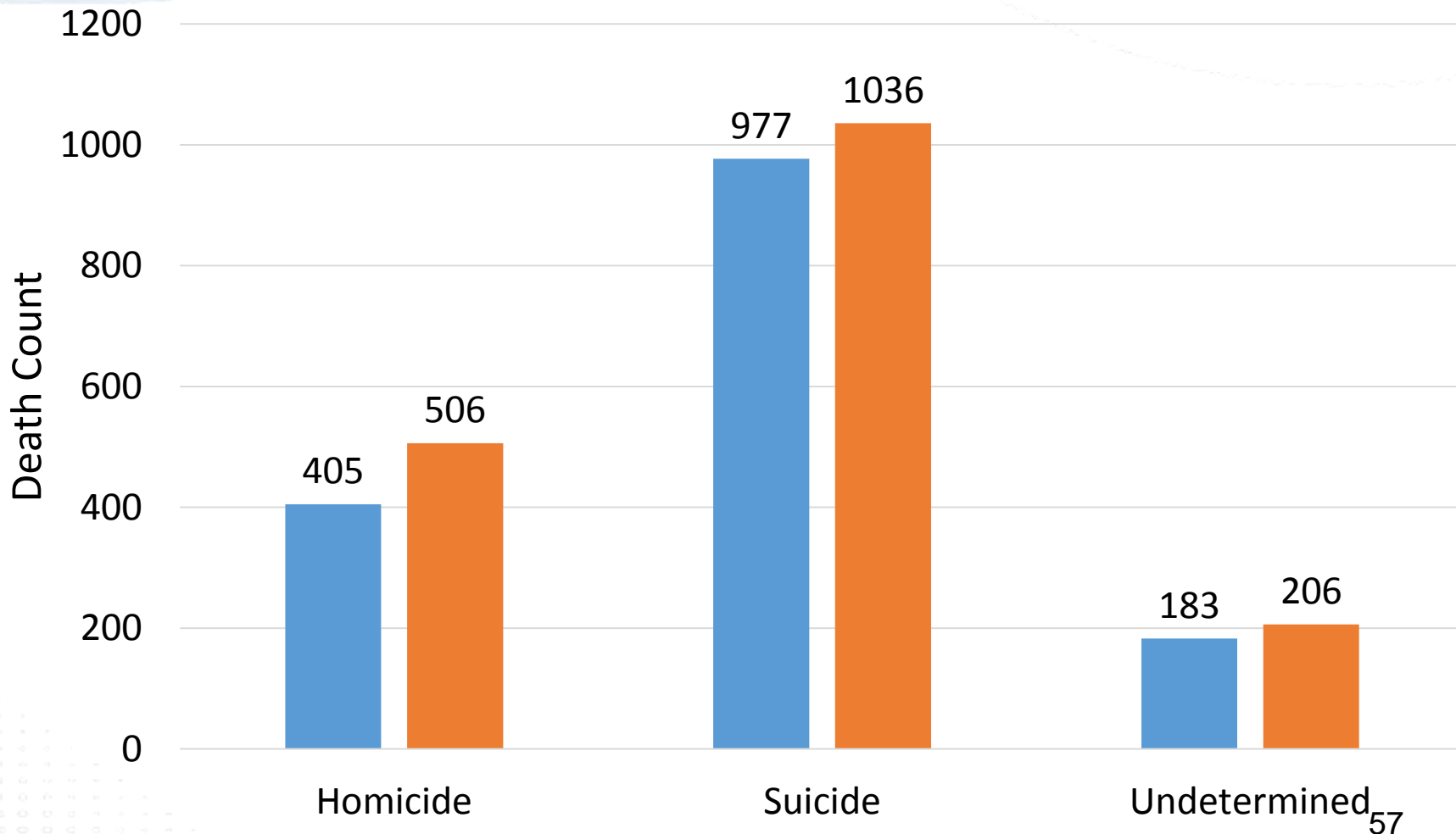
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Manner of Death by Year

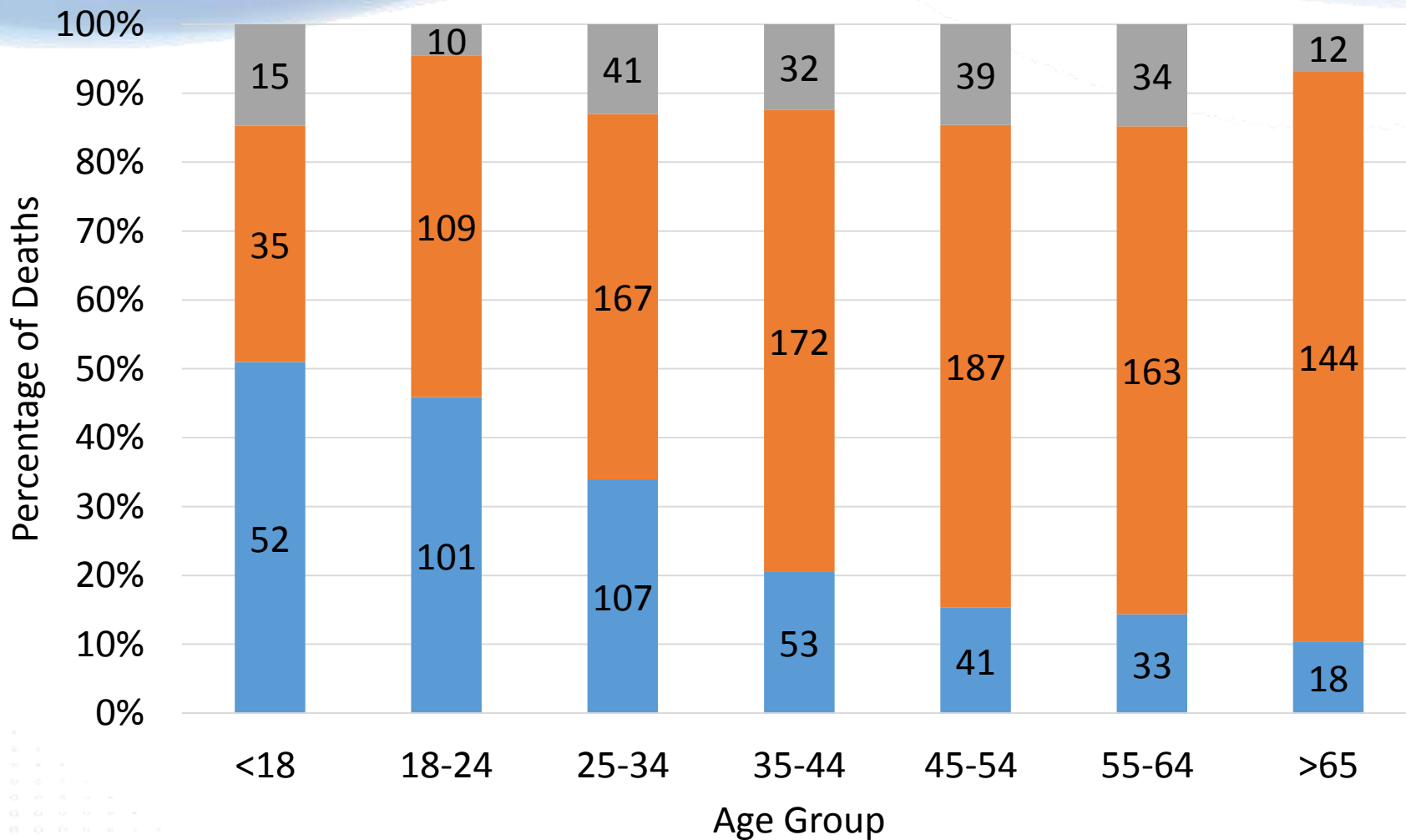
■ 2015 ■ 2016



Email Questions: INVDRS@isdh.in.gov

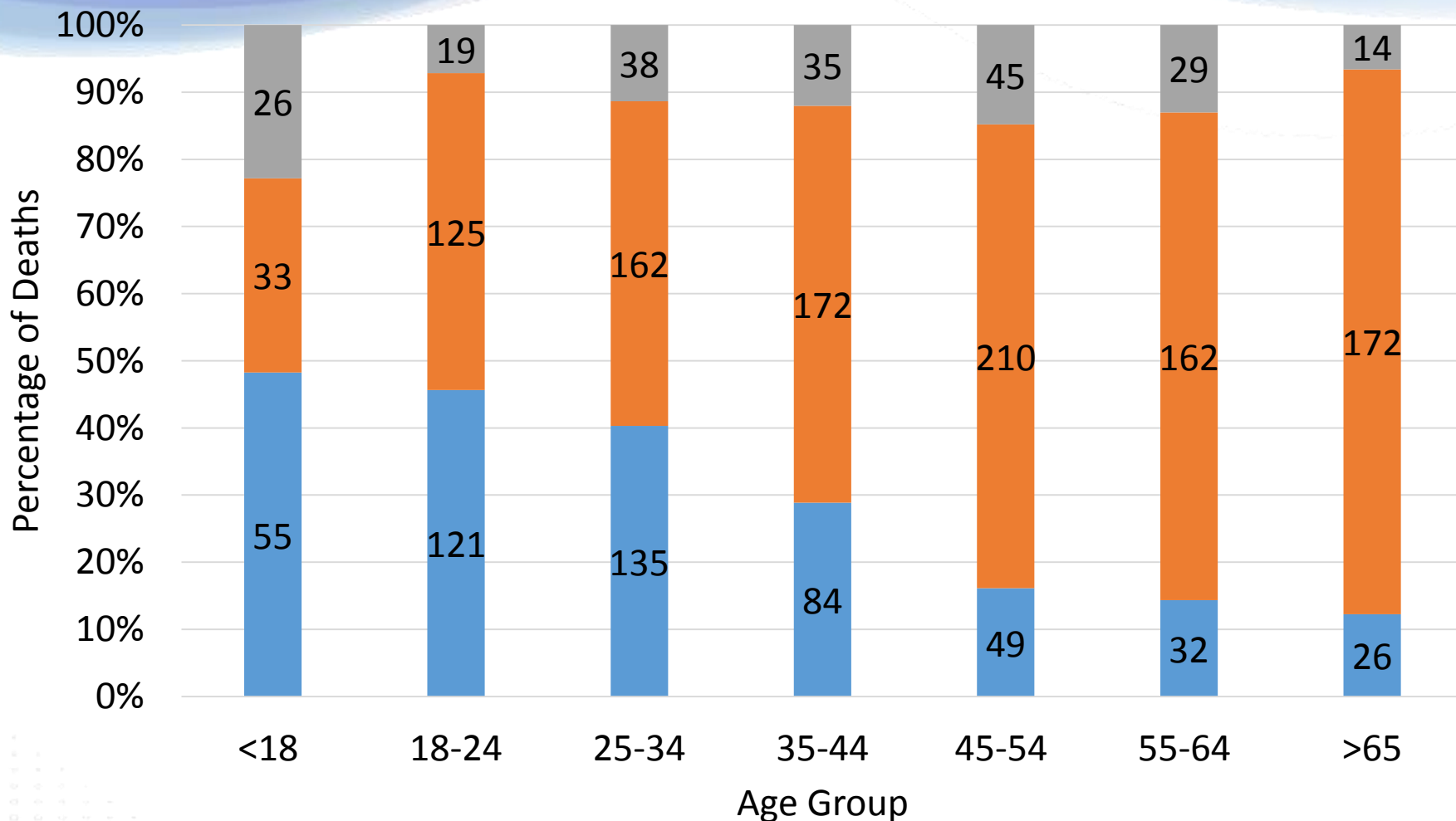
2015 Manner of Death by Age Group

Homicide Suicide Undetermined



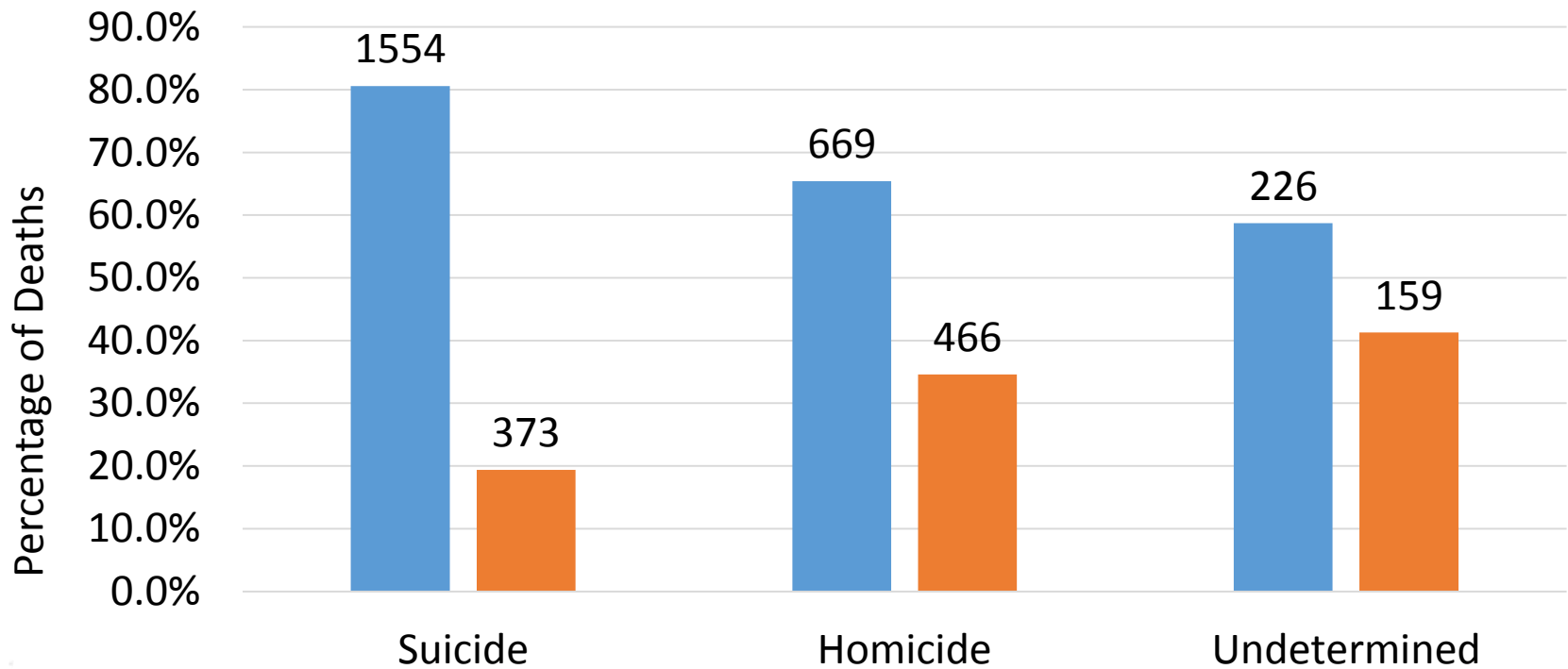
2016 Manner of Death by Age Group

Homicide Suicide Undetermined

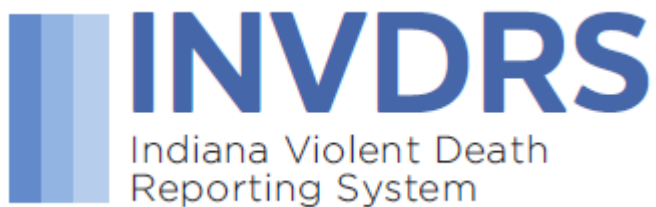


2015-2016 Percentage of Death Manner by Gender

Male Female



Breakdown: Suicides



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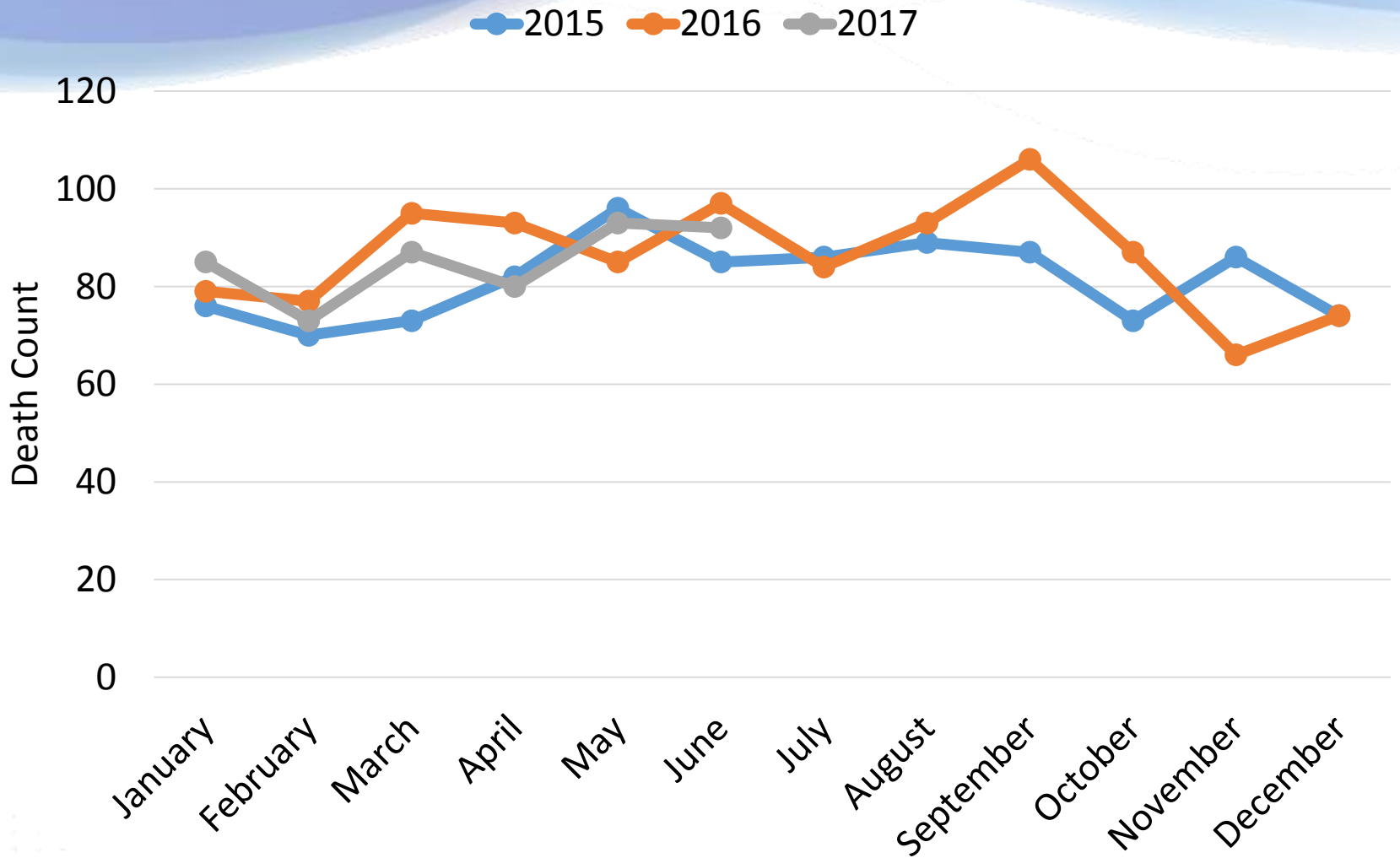
61

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Counties with Most Resident Suicides: 2015- 2016

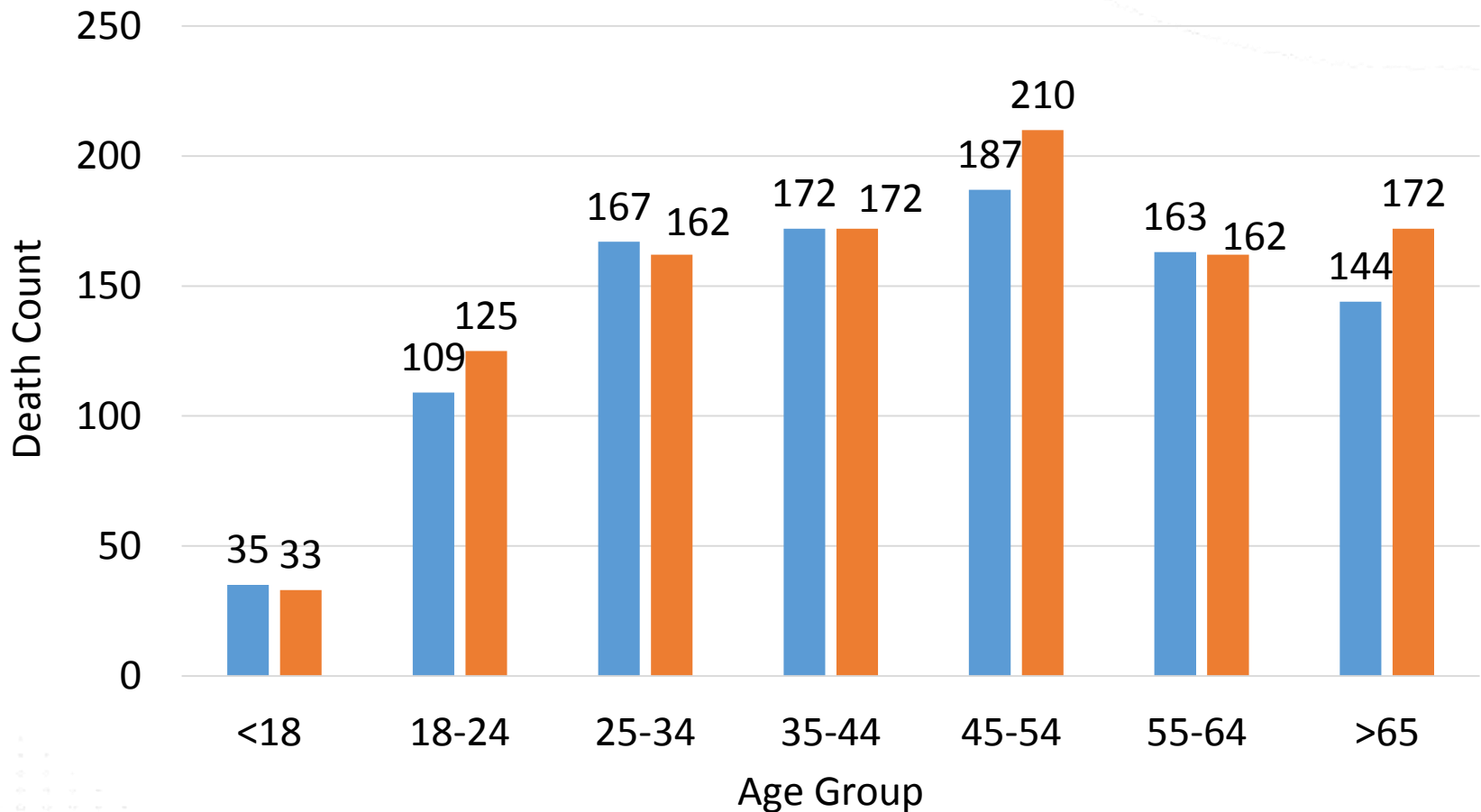
1. Marion — 276
2. Lake — 129
3. Allen — 87
4. St. Joseph — 80
5. Hamilton — 76
6. Vanderburgh — 62
7. Vigo — 52
8. Elkhart — 51
9. Porter — 50
10. Madison — 44
11. Hendricks — 43
12. Monroe — 43
13. Johnson — 37
14. Tippecanoe — 37
15. Clark — 31

Suicide Counts by Month

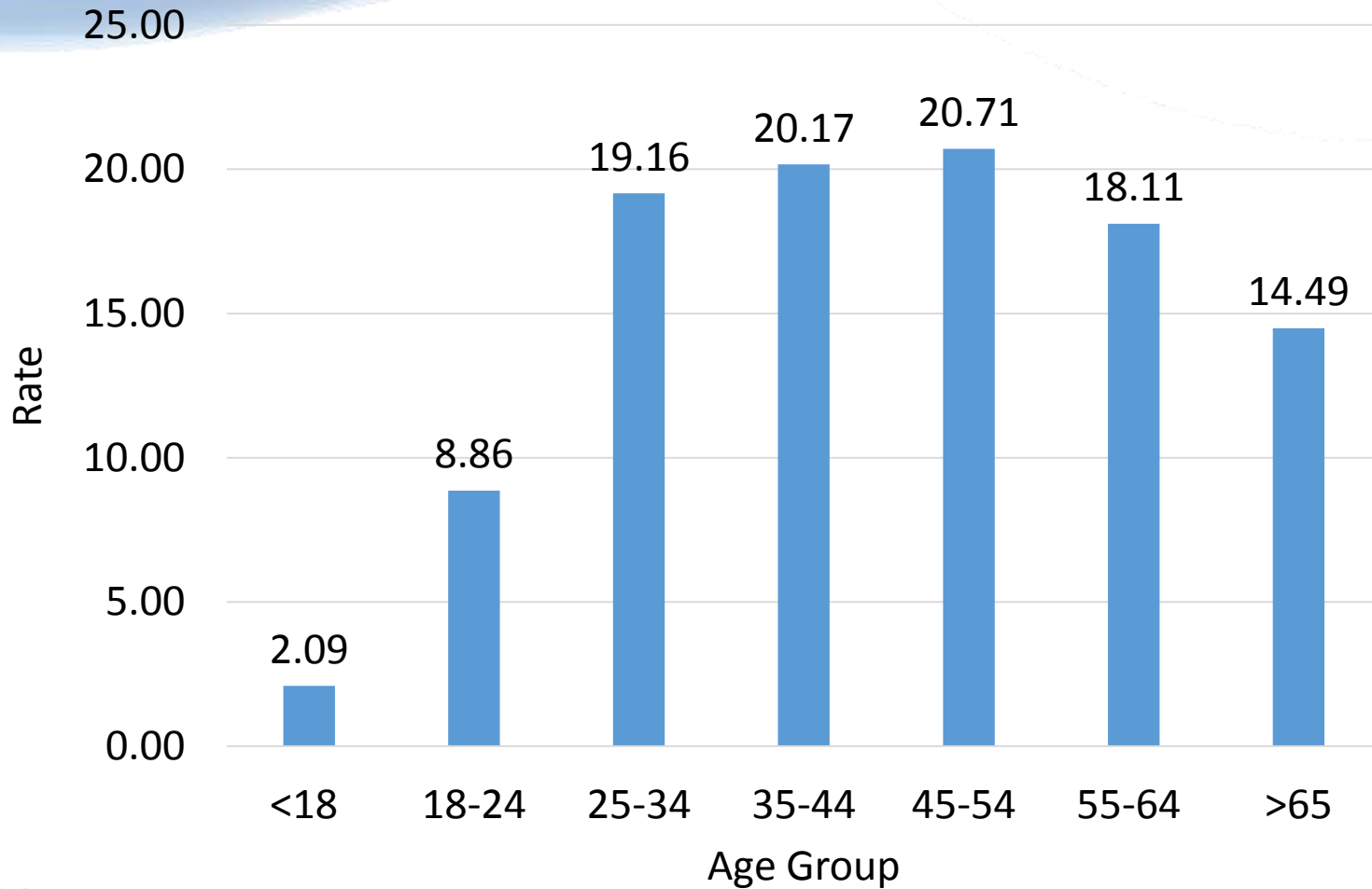


Suicide Count by Age Group and Year

■ 2015 Suicide ■ 2016 Suicide

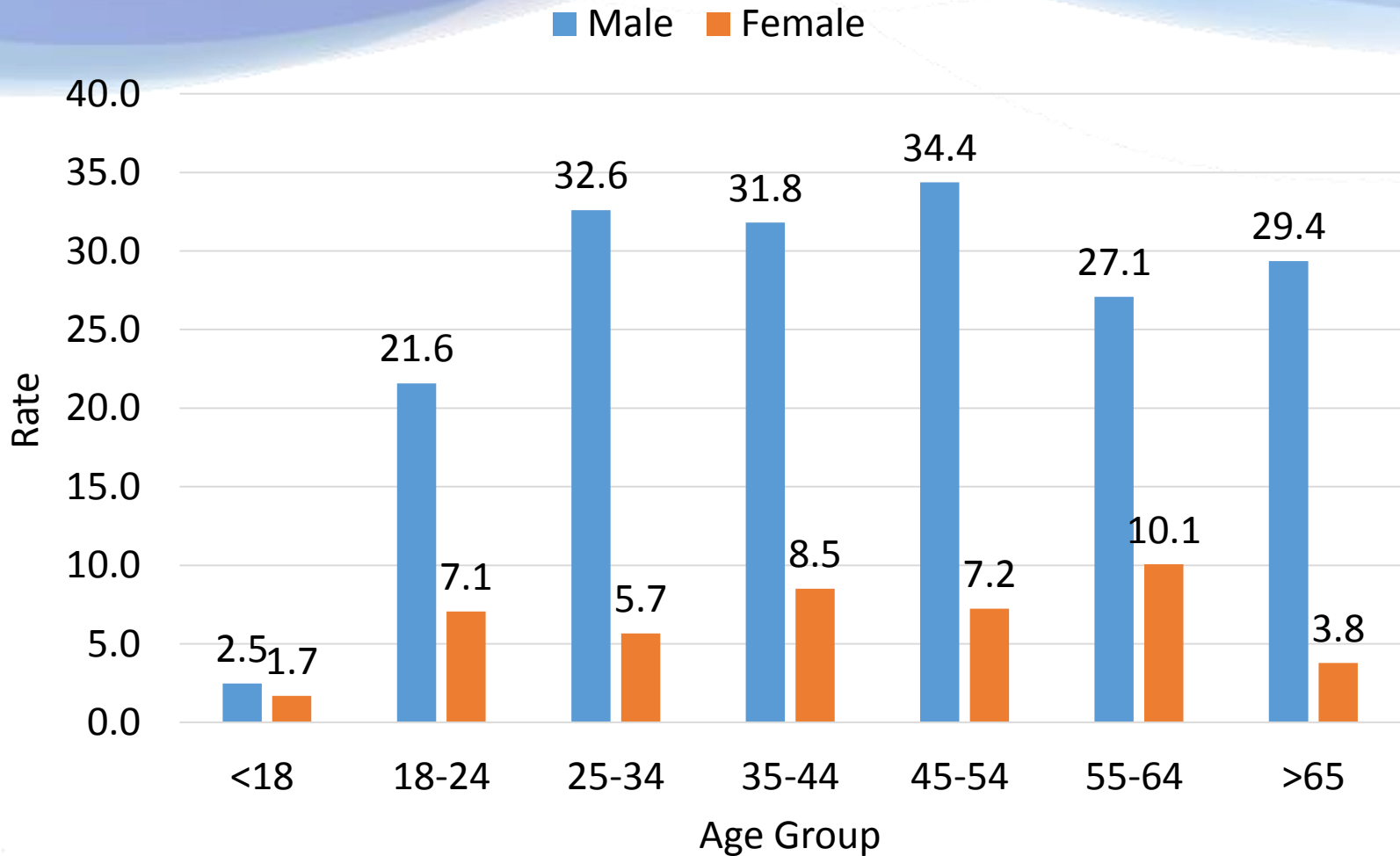


2015 Suicide Rate by Age Group



Rates per 100,000.

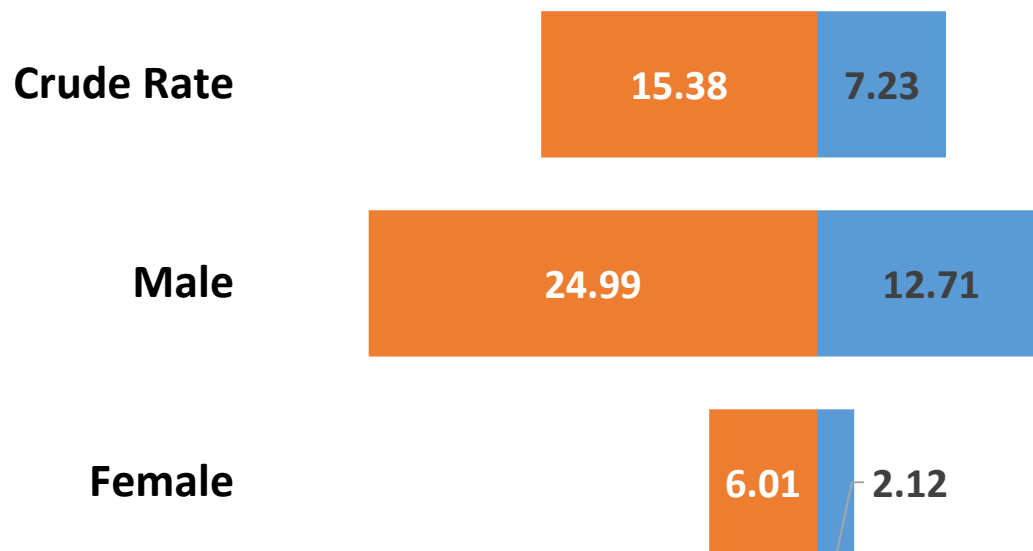
2015 Suicide Rate by Gender



Rates per 100,000.

2015 Suicide rates by race and sex

White African-American

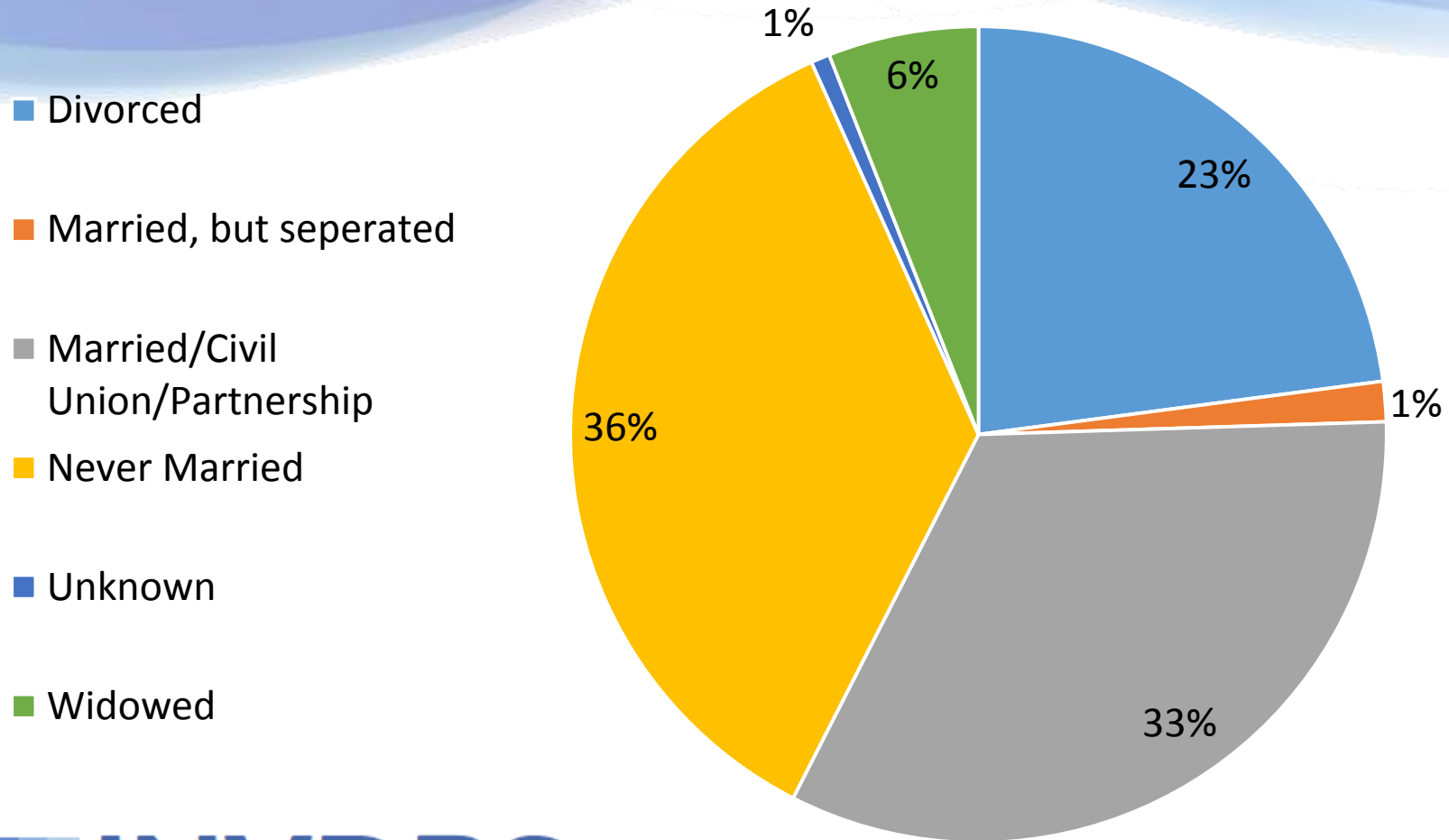


*Unstable Rate
Rates per 100,000.



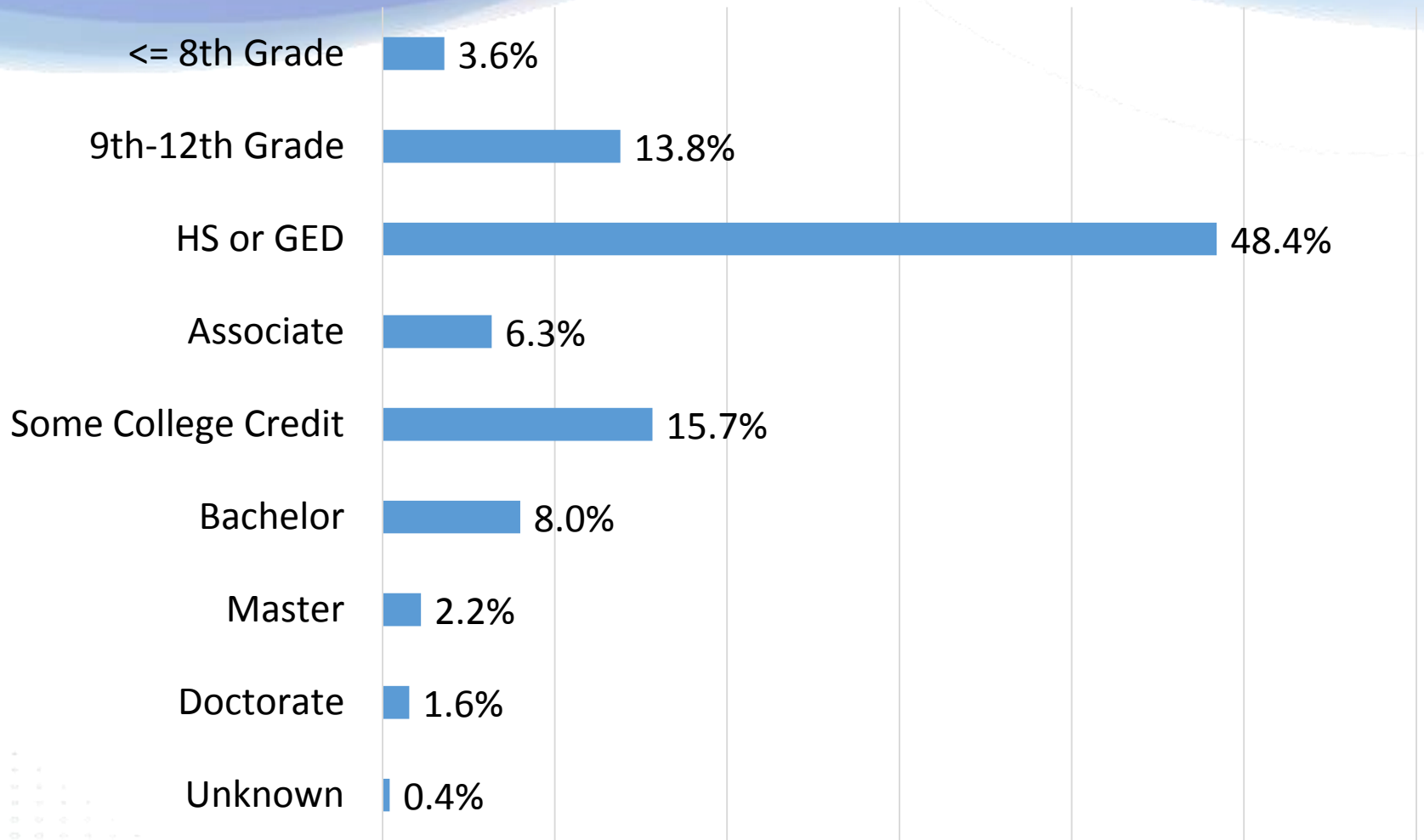
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2015-2016 Marital Status Suicide

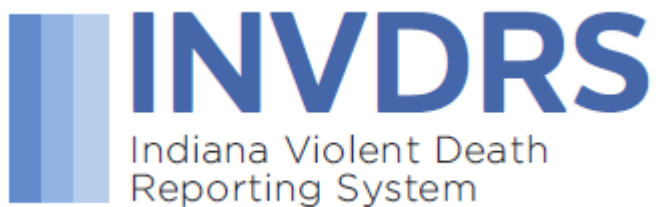


2015-2016 Education Level Suicide

0.0% 10.0% 20.0% 30.0% 40.0% 50.0% 60.0%



Breakdown: Homicides



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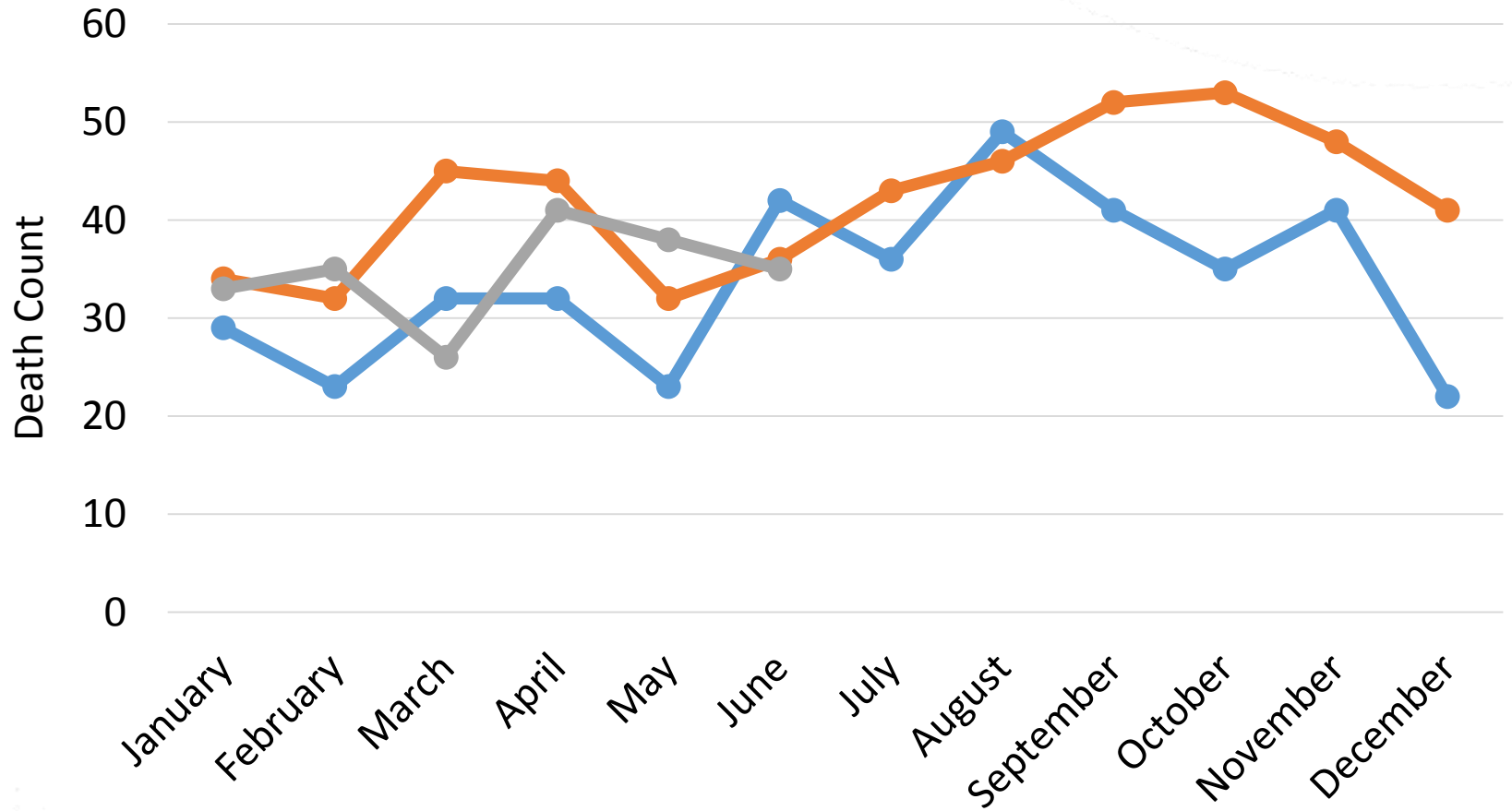
Email Questions: INVDRS@isdh.in.gov

Counties with Most Homicides (2015-2016)

1. Marion — 325
2. Lake — 133
3. Allen — 79
4. St. Joseph — 40
5. Elkhart — 25
6. Delaware — 17
7. Vanderburgh — 16
8. Warrick — 10
9. Howard — 9
10. Vigo — 9
11. LaPorte — 8
12. Madison — 8
13. Johnson — 7
14. Porter — 7
15. Hamilton — 6

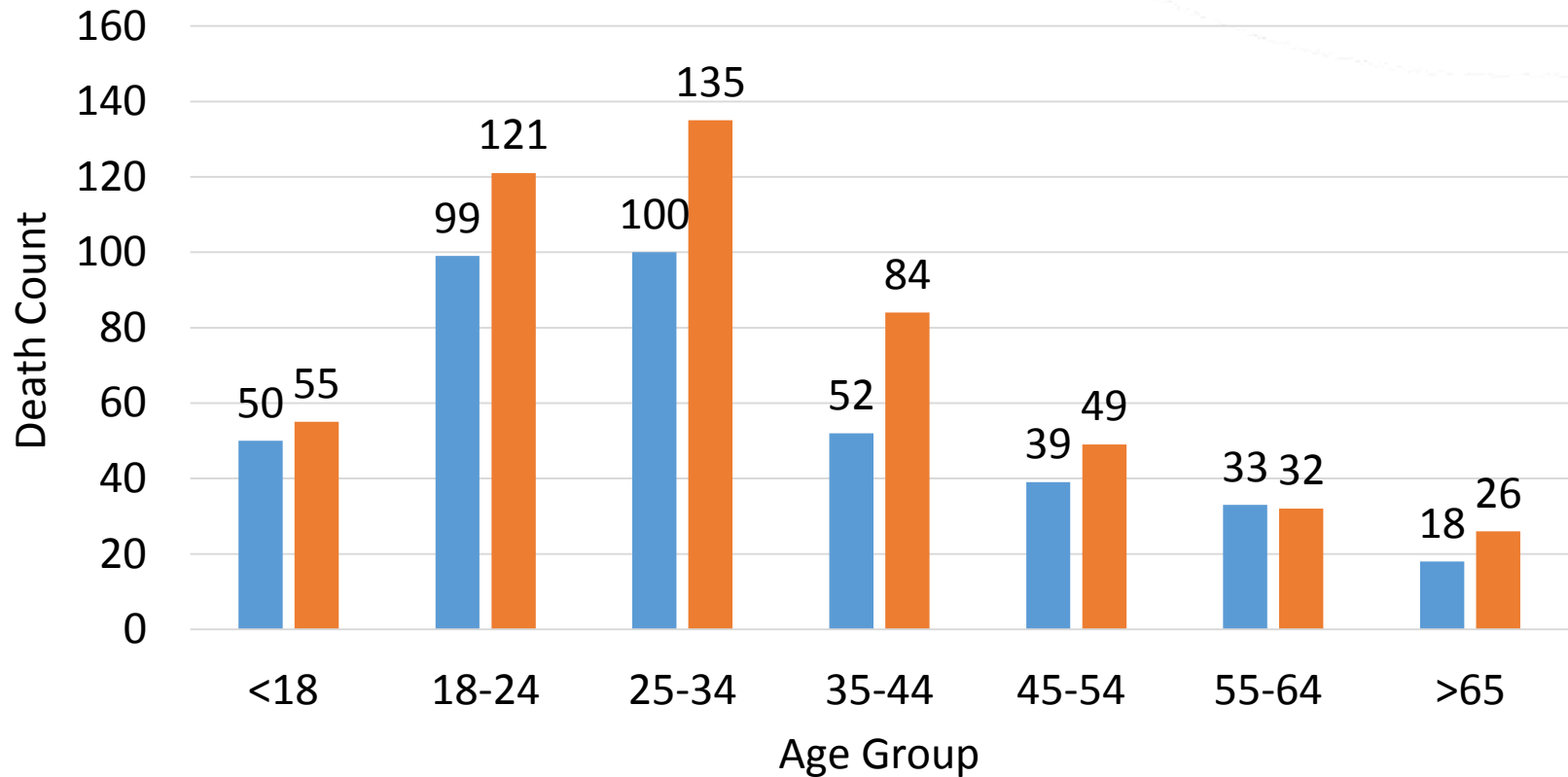
Homicide Counts by Month

● 2015 ● 2016 ● 2017

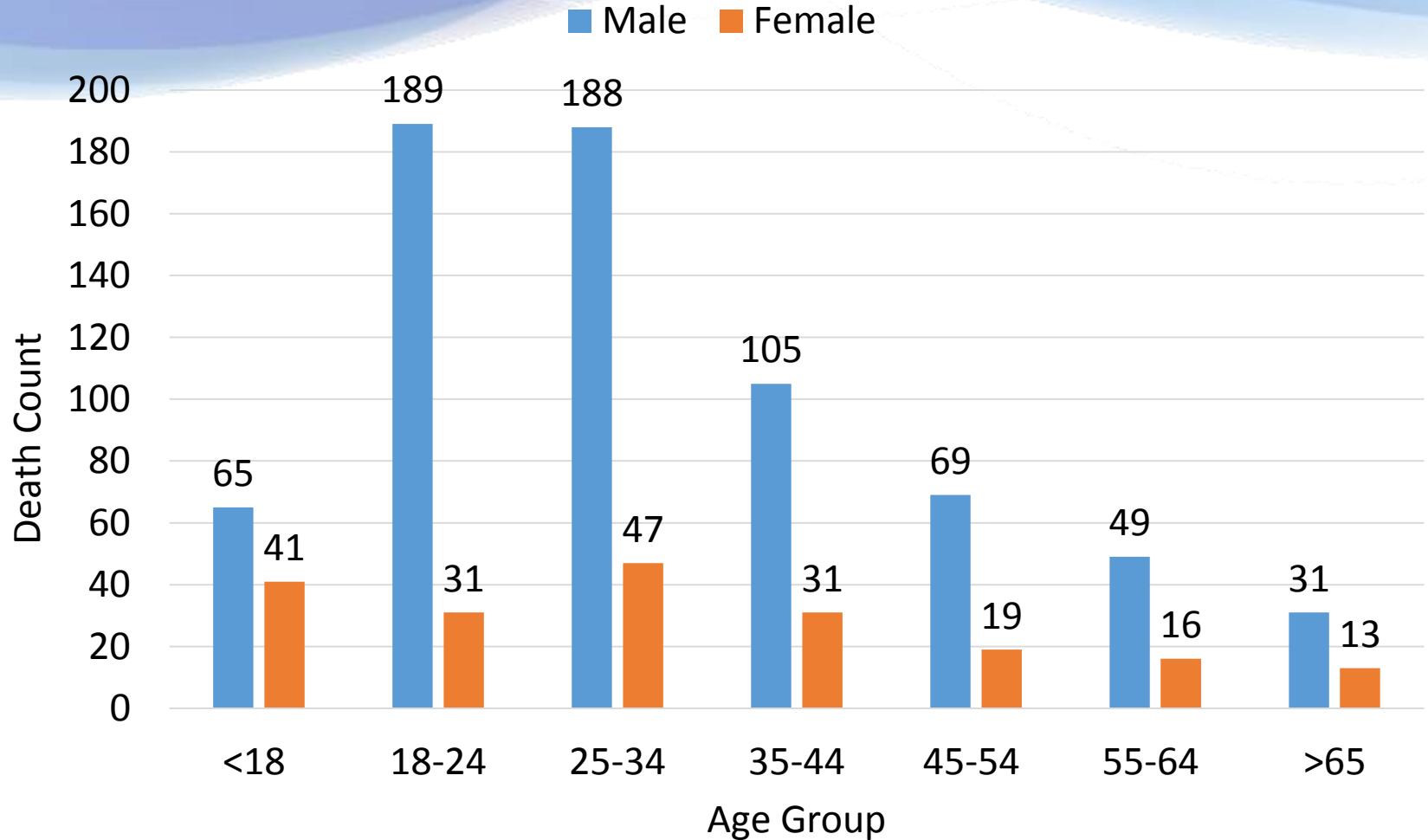


Homicides by Age Group and Year

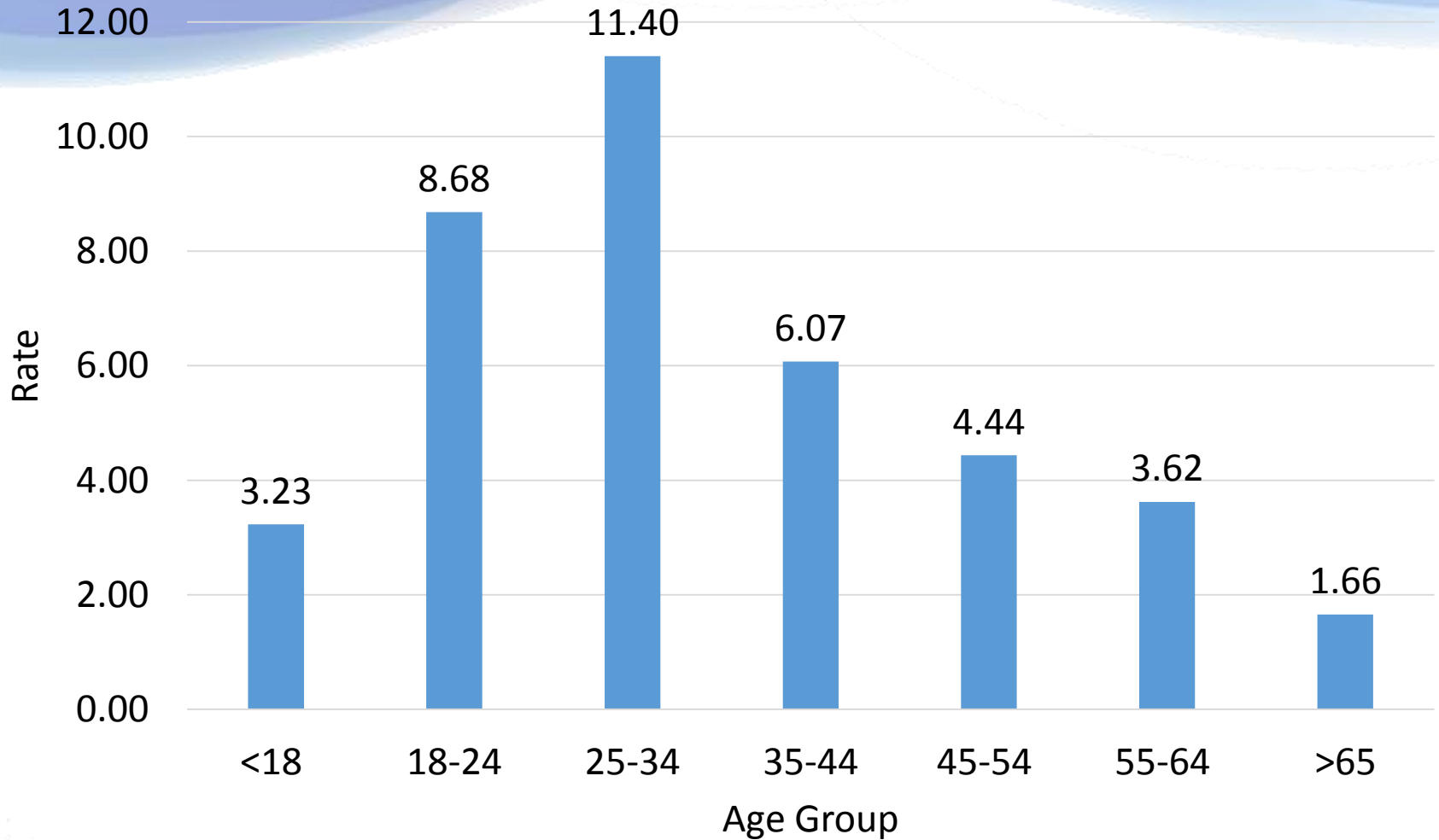
■ 2015 ■ 2016



2015-2016 Homicide by Gender/Age

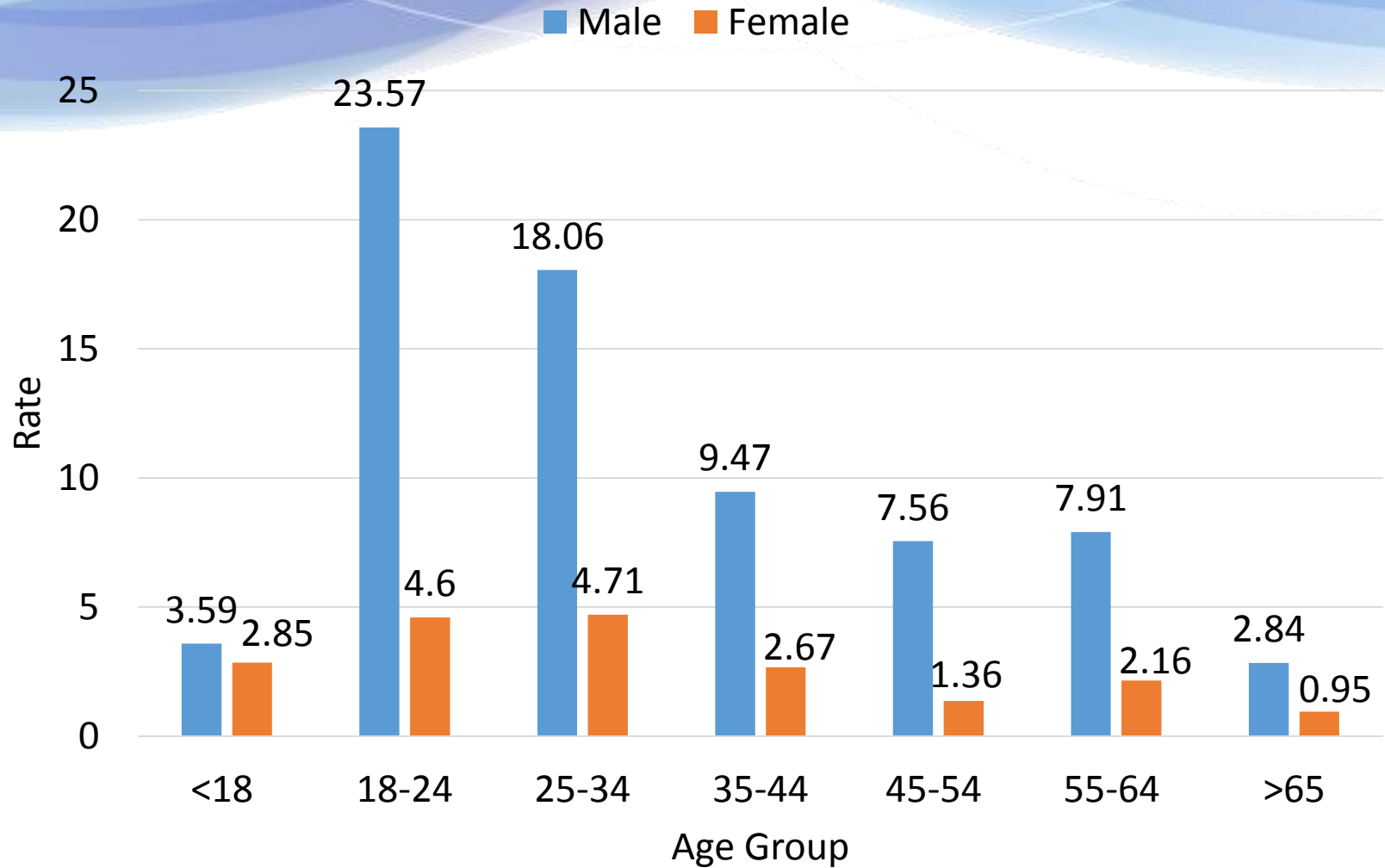


2015 Homicide Rate by Age Group



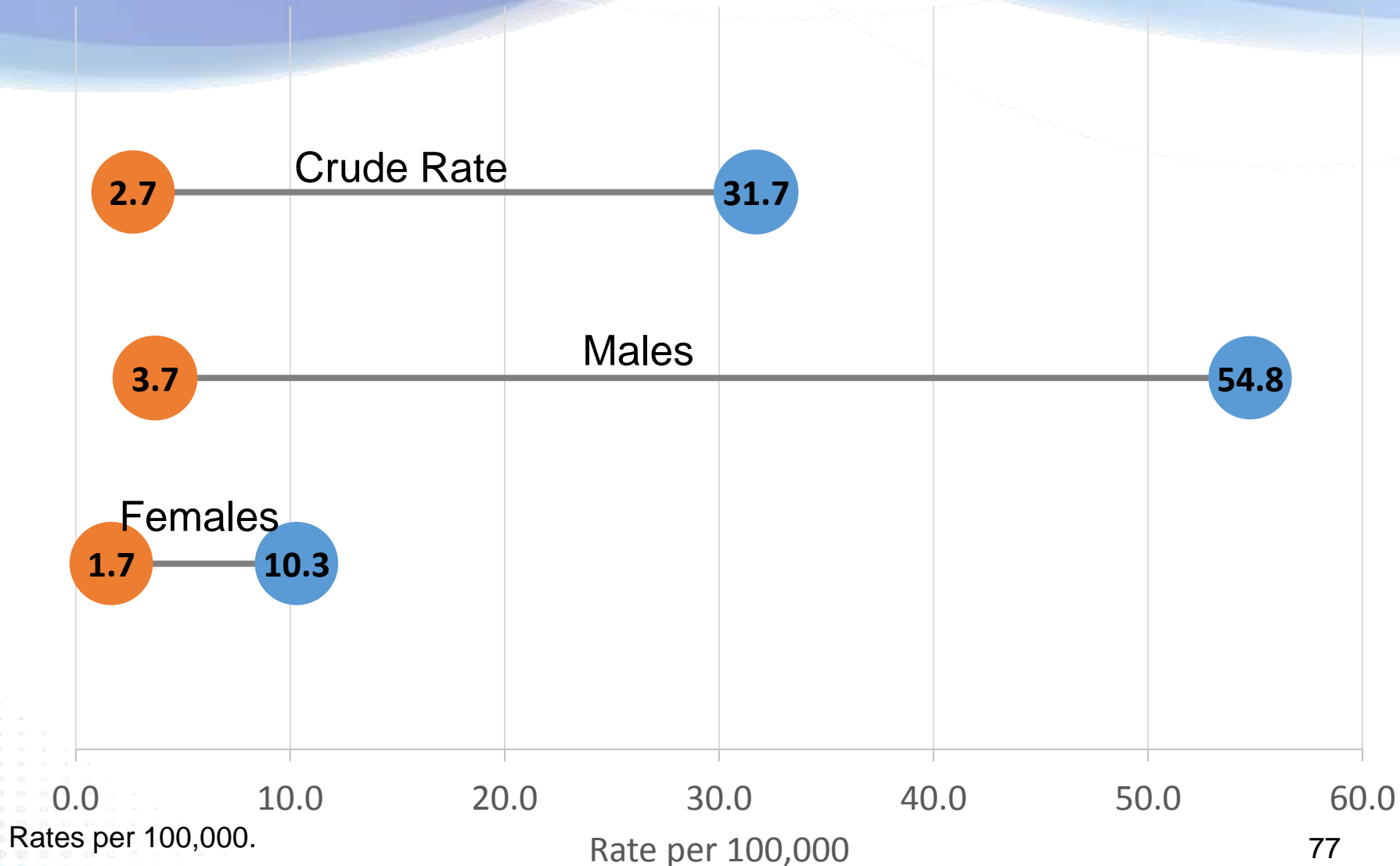
Rates per 100,000.

2015 Age and Gender Homicide Rate

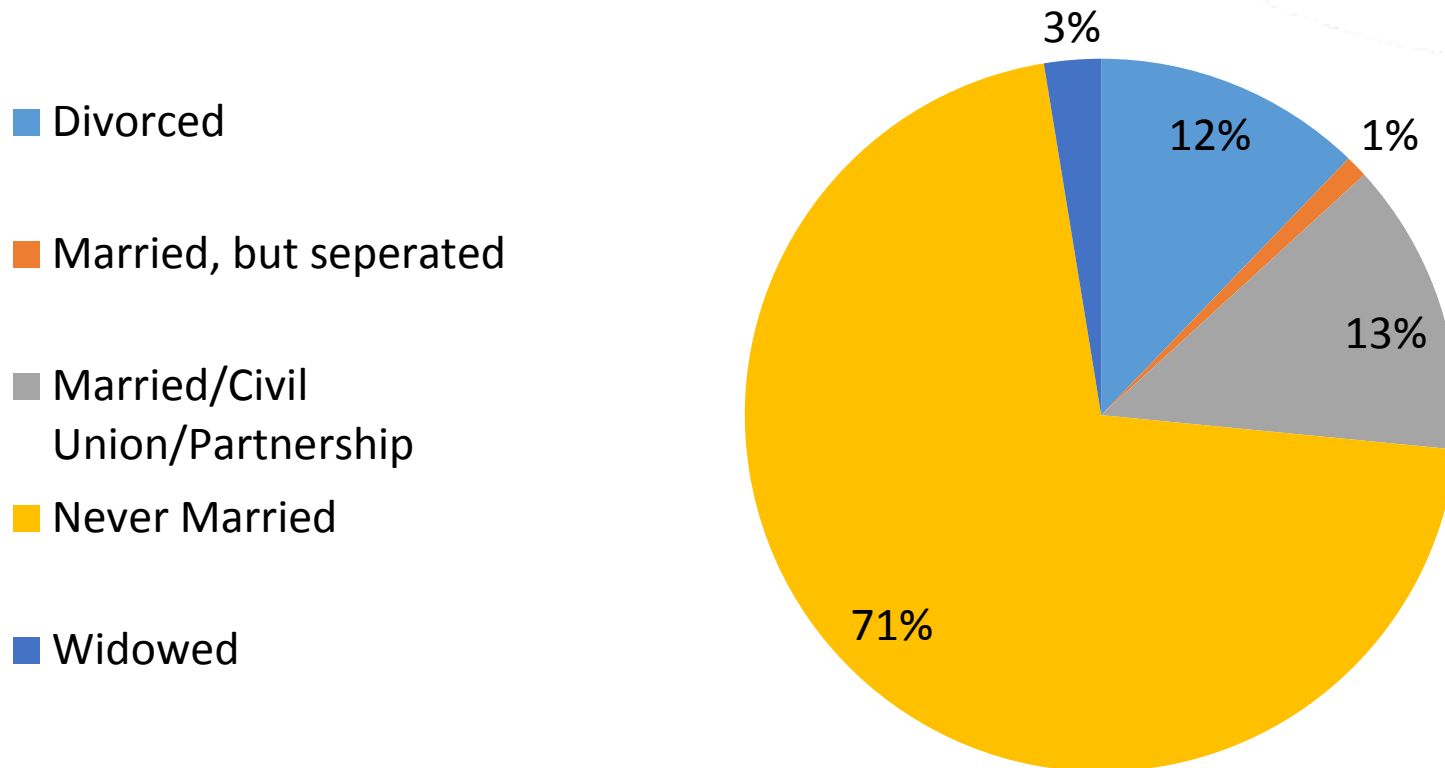


Rates per 100,000.

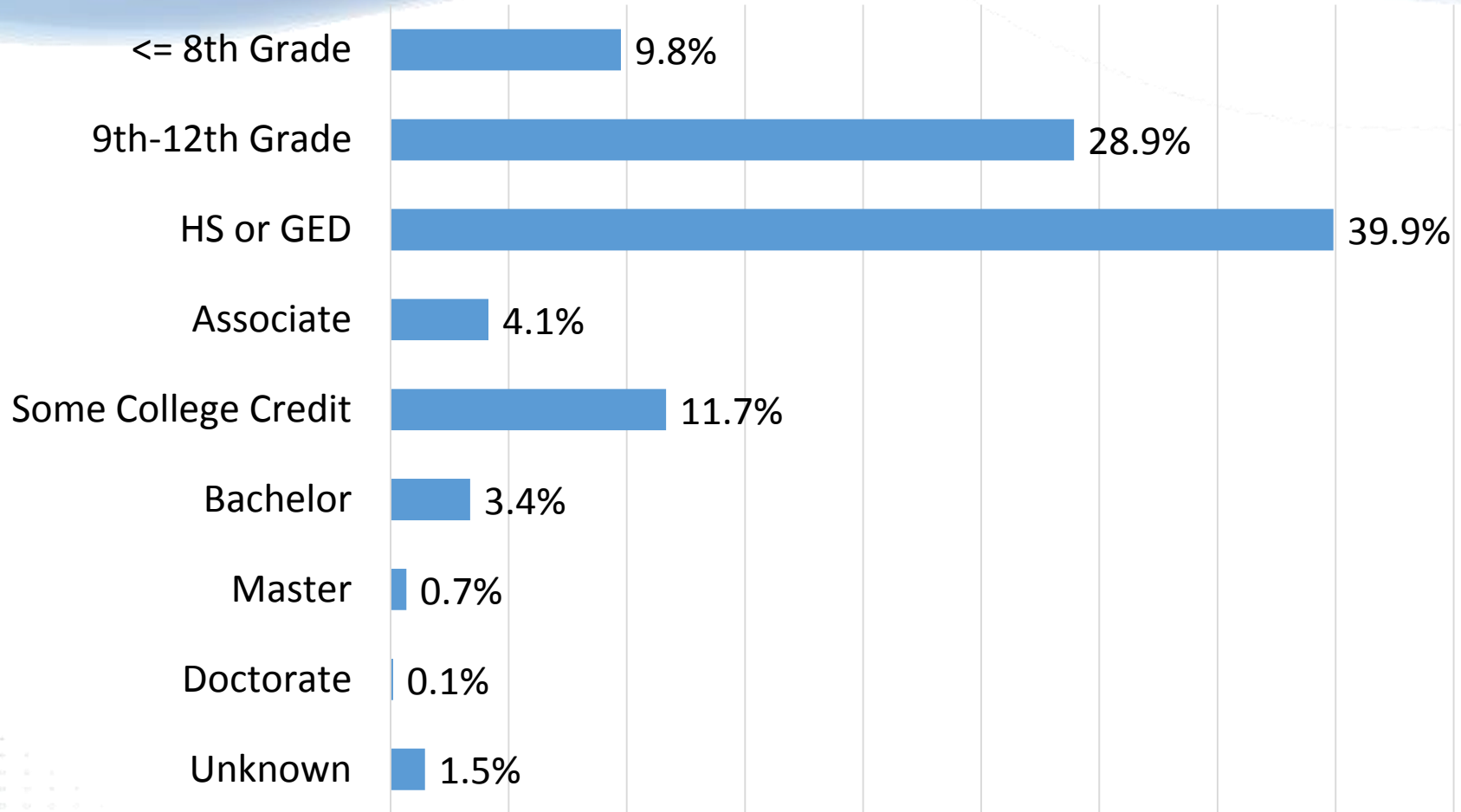
2015 Homicide rates of **White** and **African American** Hoosiers: A look at the disparity.



2015 - 2016 Marital Status of Homicide Victims



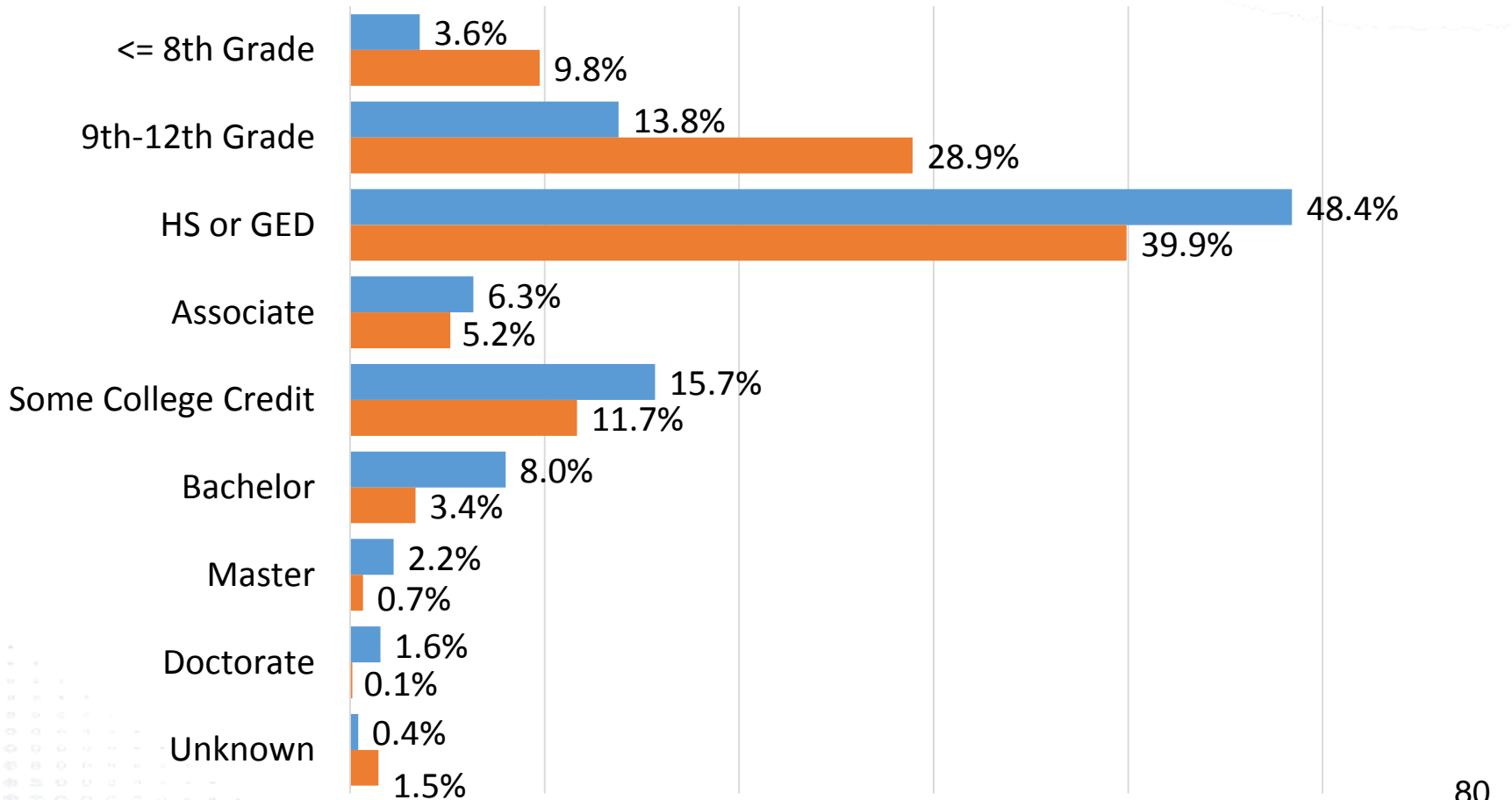
2015-2016 Education Level of Homicide Victims



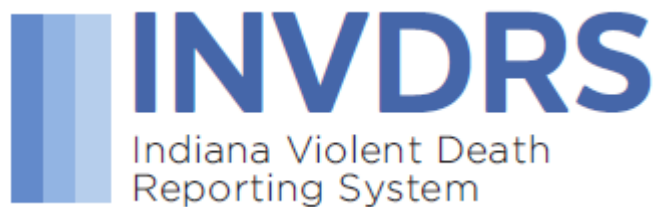
2015-2016 Manner of Death by Education Level

■ Suicide ■ Homicide
Percentage

0.0% 10.0% 20.0% 30.0% 40.0% 50.0% 60.0%



Child Section



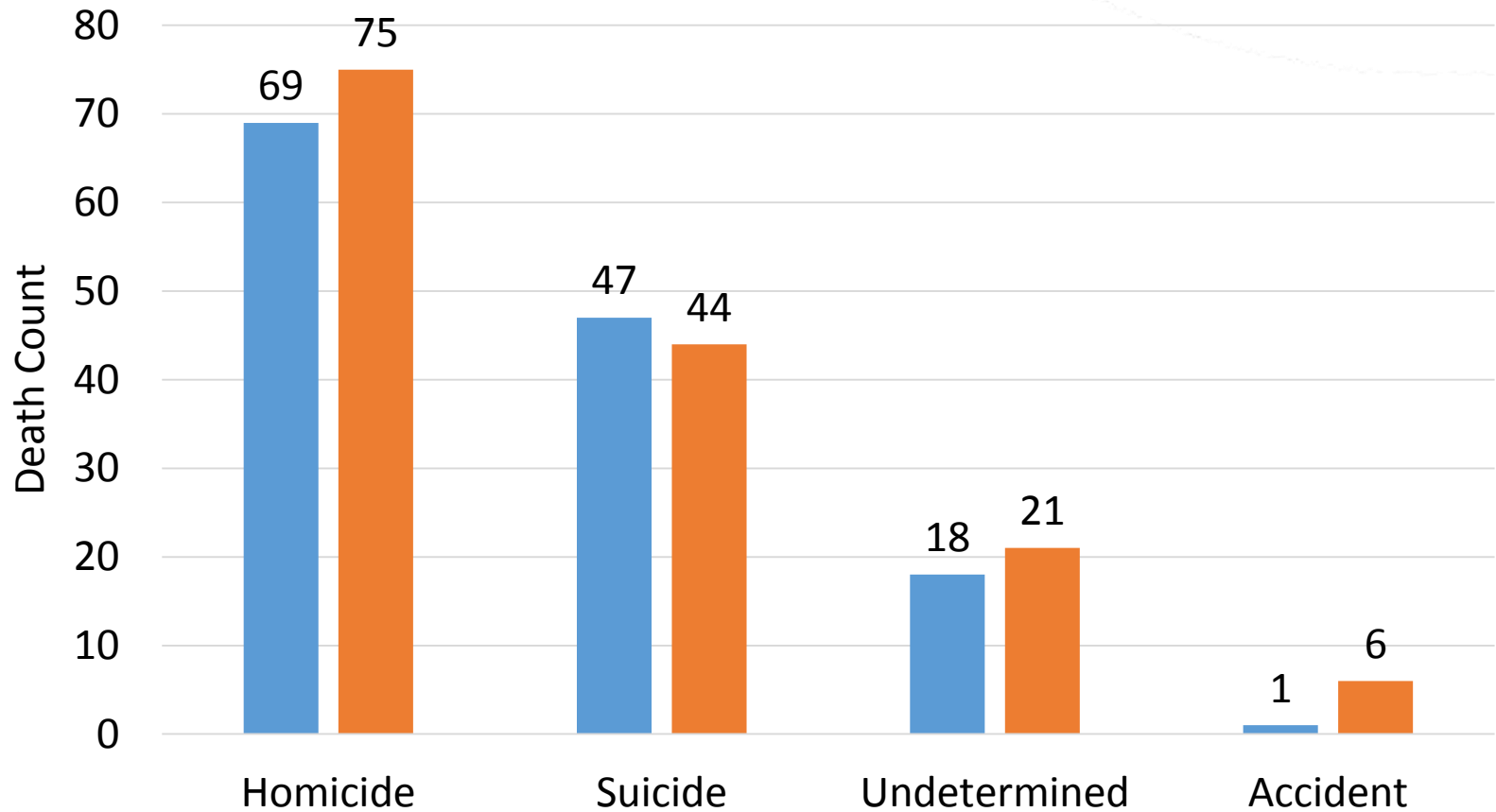
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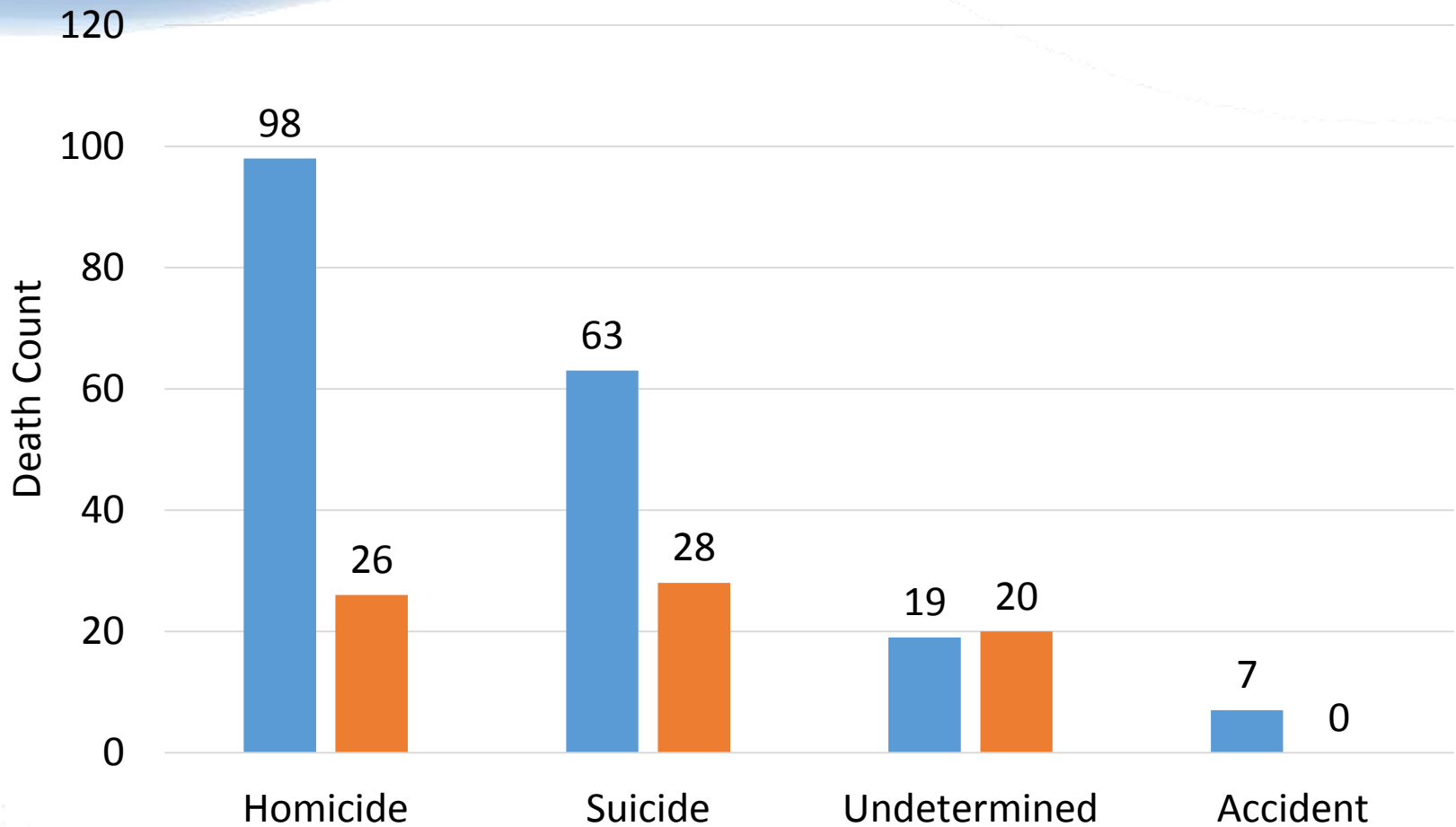
2015-2016 Child (<18) Deaths by Manner

■ 2015 ■ 2016



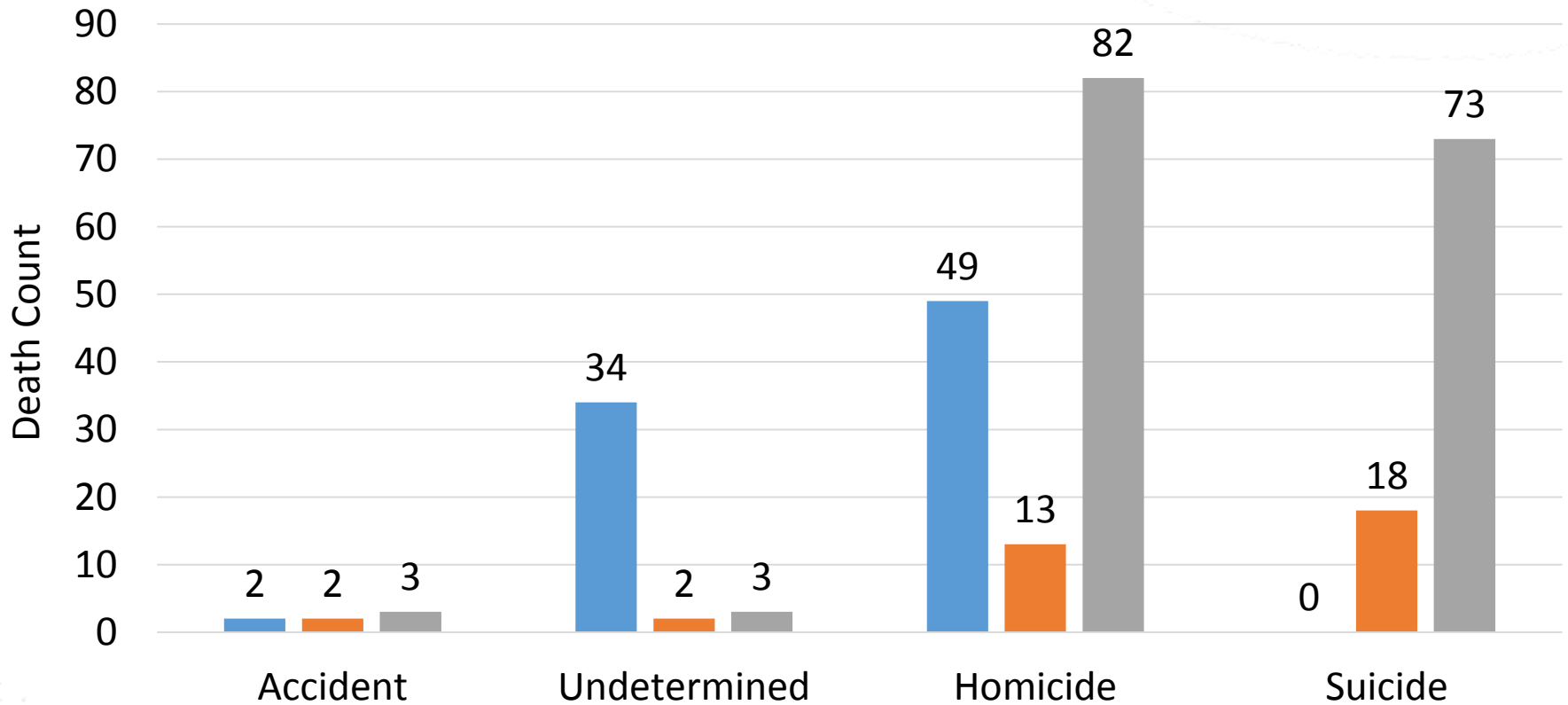
<18 Manner of Death 2015 & 2016

Male Female

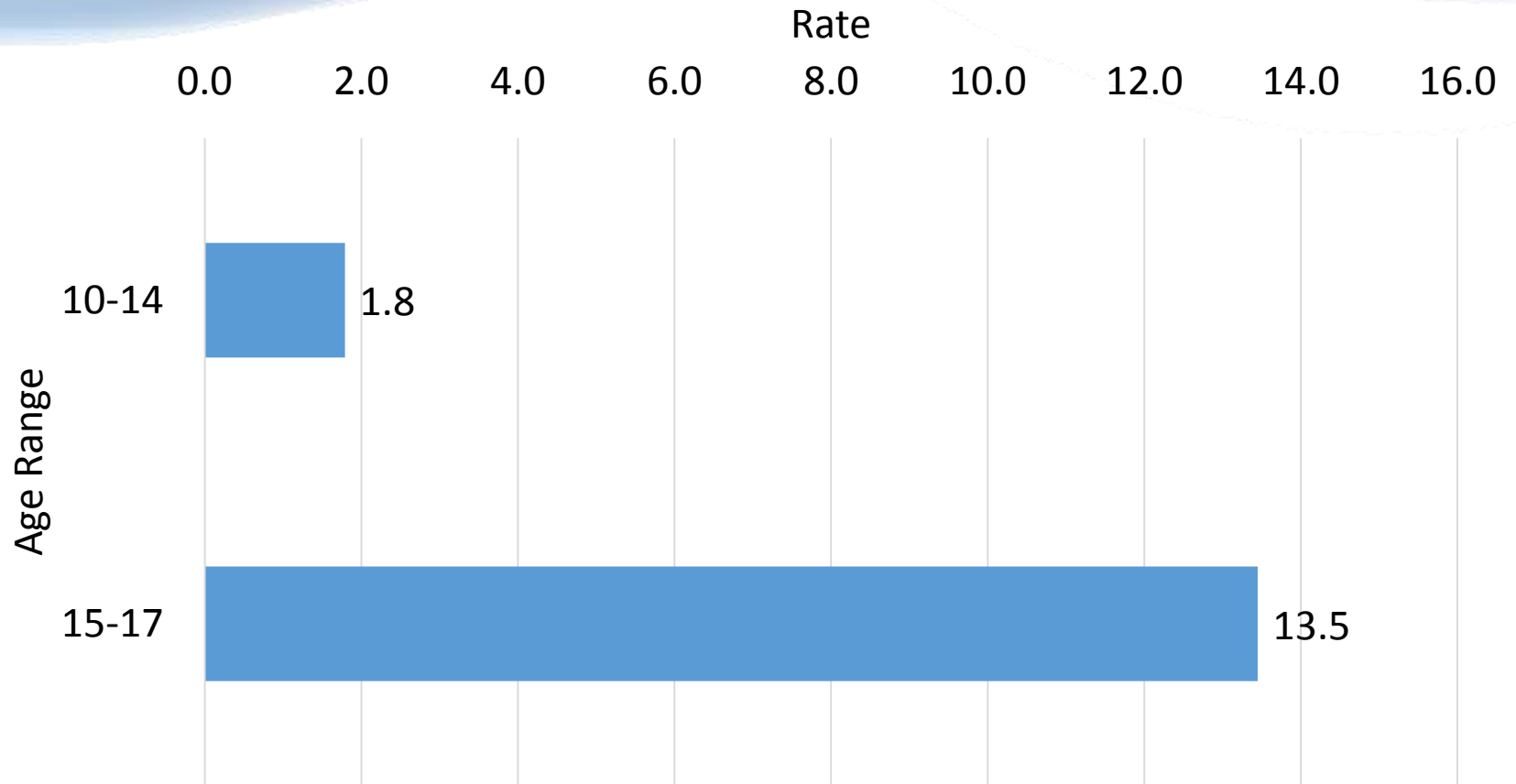


Manner of Death by Age Group

■ <10 ■ 10-14 ■ 15-17

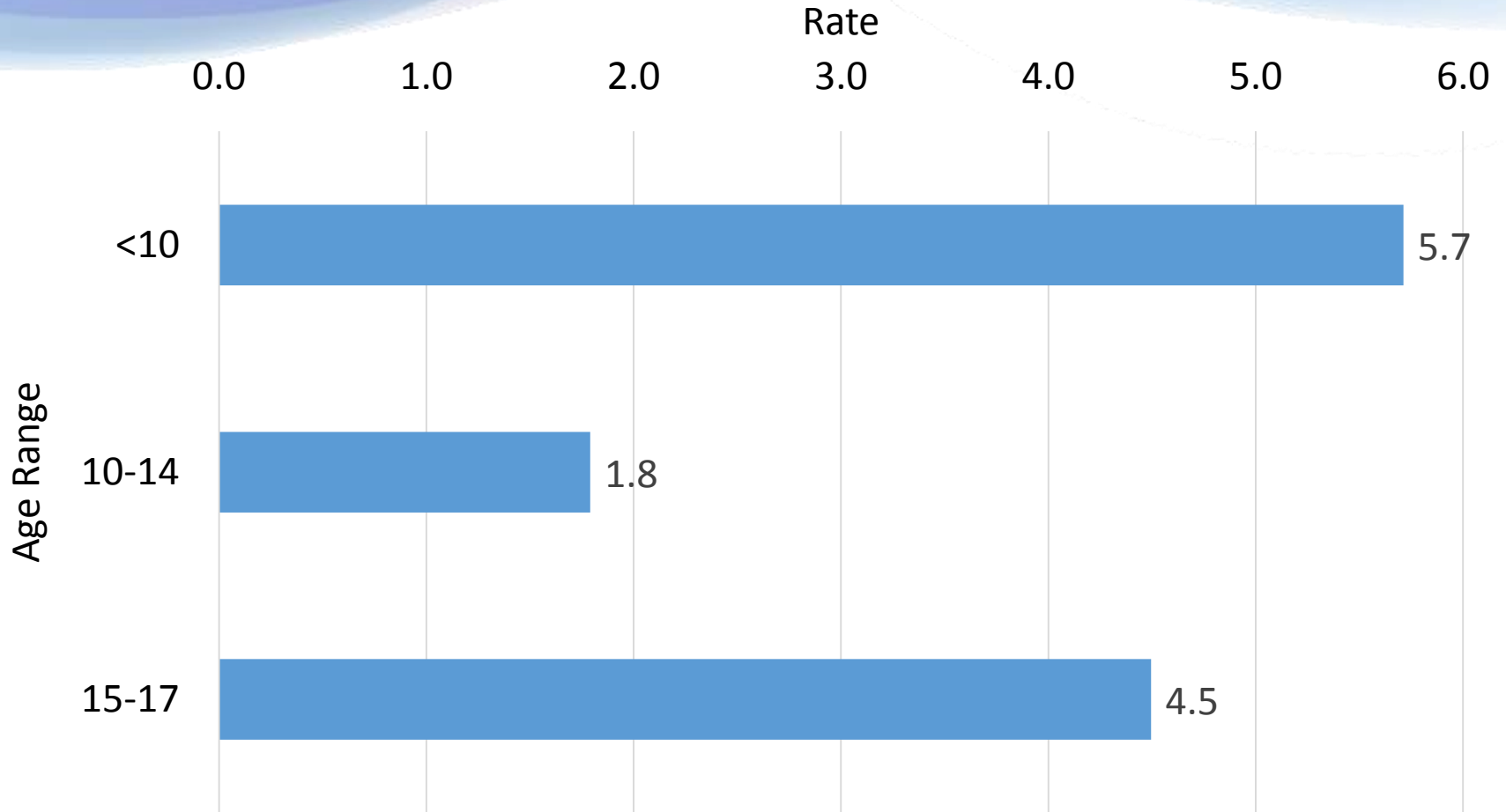


2015 Child Suicide Rate



Rates per 100,000.

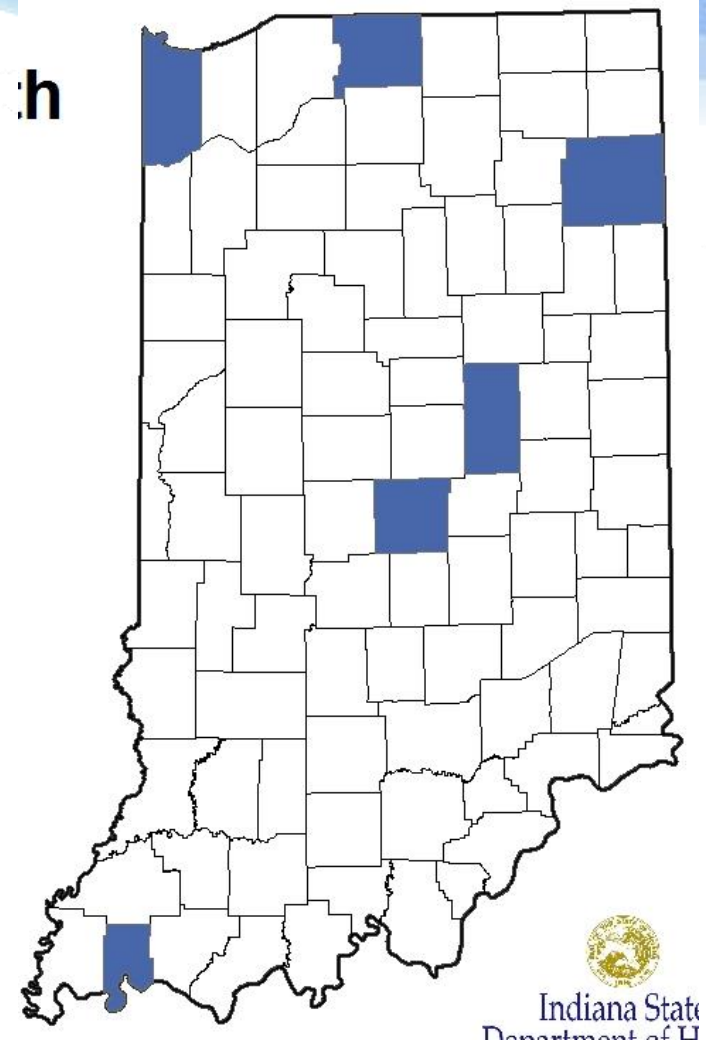
2015 Child Homicide Rate



Rates per 100,000.

2015 INVDRS Data

Data limited to Allen,
Lake, Madison, Marion,
St. Joseph, and
Vanderburgh Counties

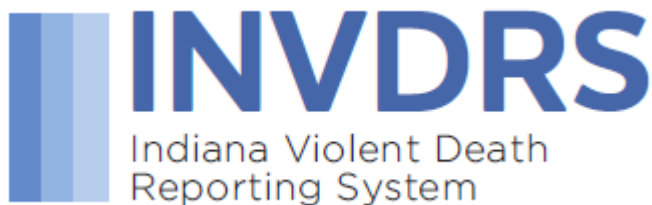


Data Quality Checks

- CDC checked our 2015 pilot county data for potential errors, such as:
 - Weapon type missing
 - Poisoning as cause of death but no substance listed as having caused the death
 - If Suspect in Homicide is an intimate partner, ensuring the IPV circumstance is checked

Data Completeness Check

- CDC will soon be sending us a report on our data that outlines the percentage of our cases with circumstances and other categories.
- Our completeness comparison to grant expectations.



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Data Sources

- 402 Suicides
 - 389 with coroner report abstracted
 - 226 with law enforcement abstracted
 - 229 with both abstracted
- At least one circumstance was known for 273 of the suicides.

Data Sources

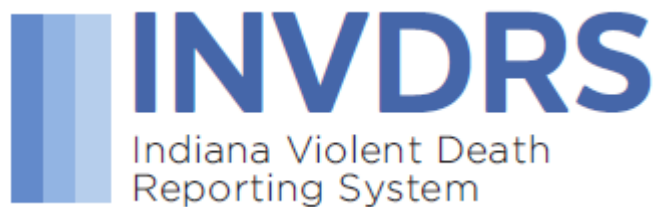
- 313 Homicides
 - 313 with coroner report abstracted
 - 124 with law enforcement abstracted
 - 121 with both abstracted
- At least one circumstance was known for 173 of the homicides.

Limitations

- First Year of Data
- Missing LE/Coroner Reports
- Quality of LE/Coroner Reports
- Can't speculate on more rural Indiana counties

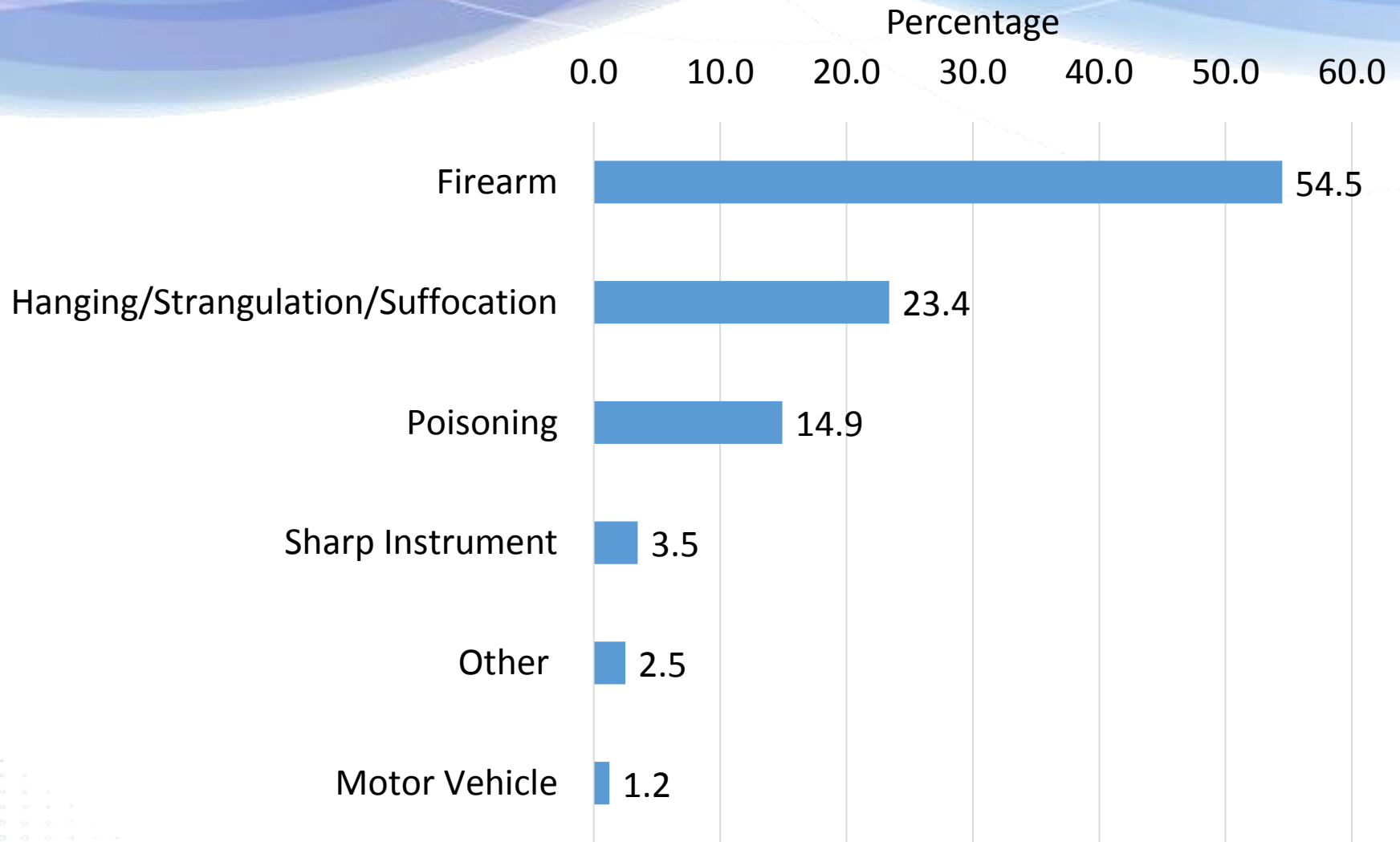


SUICIDE CIRCUMSTANCES

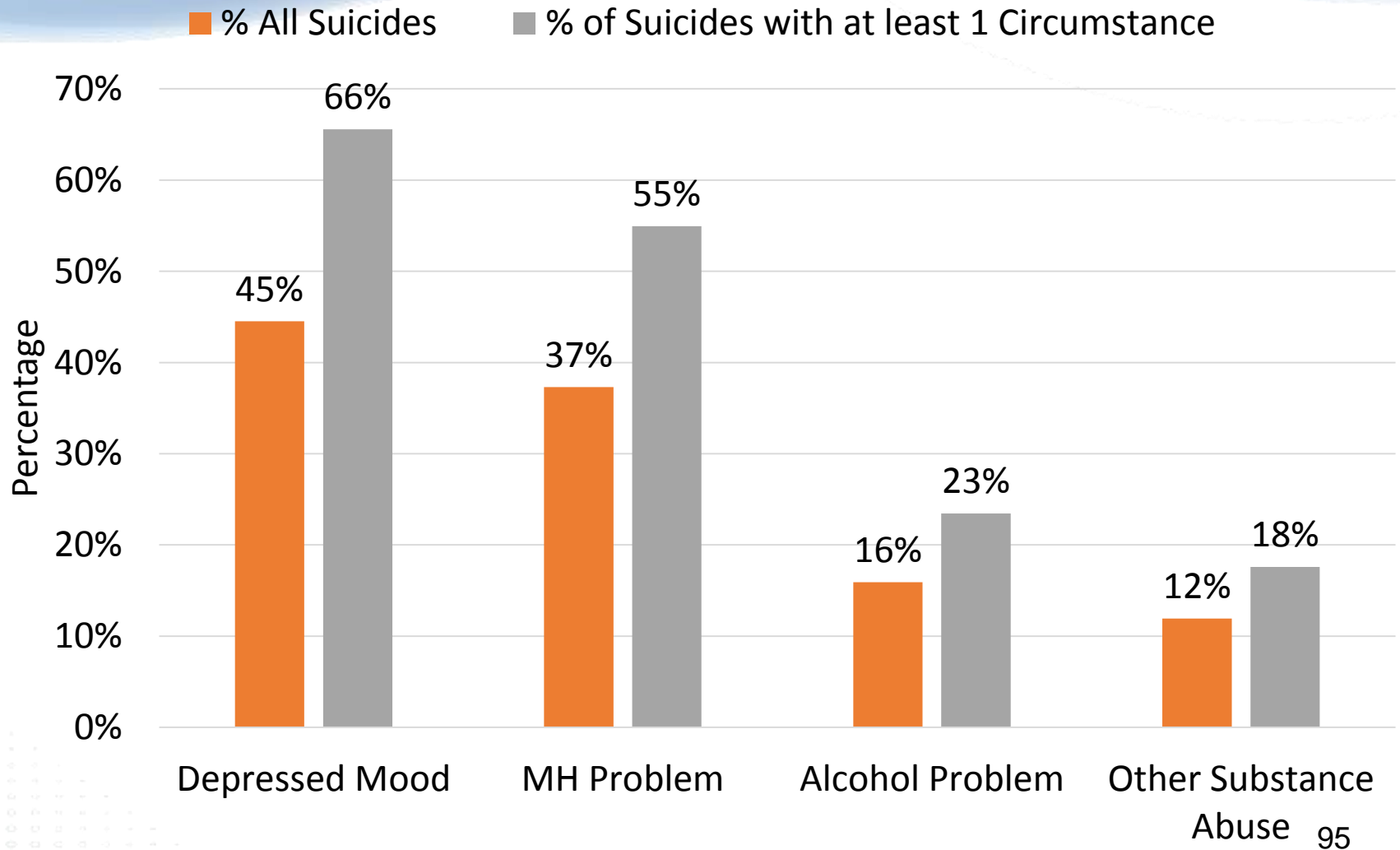


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Weapon Type for Suicide Decedents



Suicide Circumstances-Mental Health and Substance Abuse



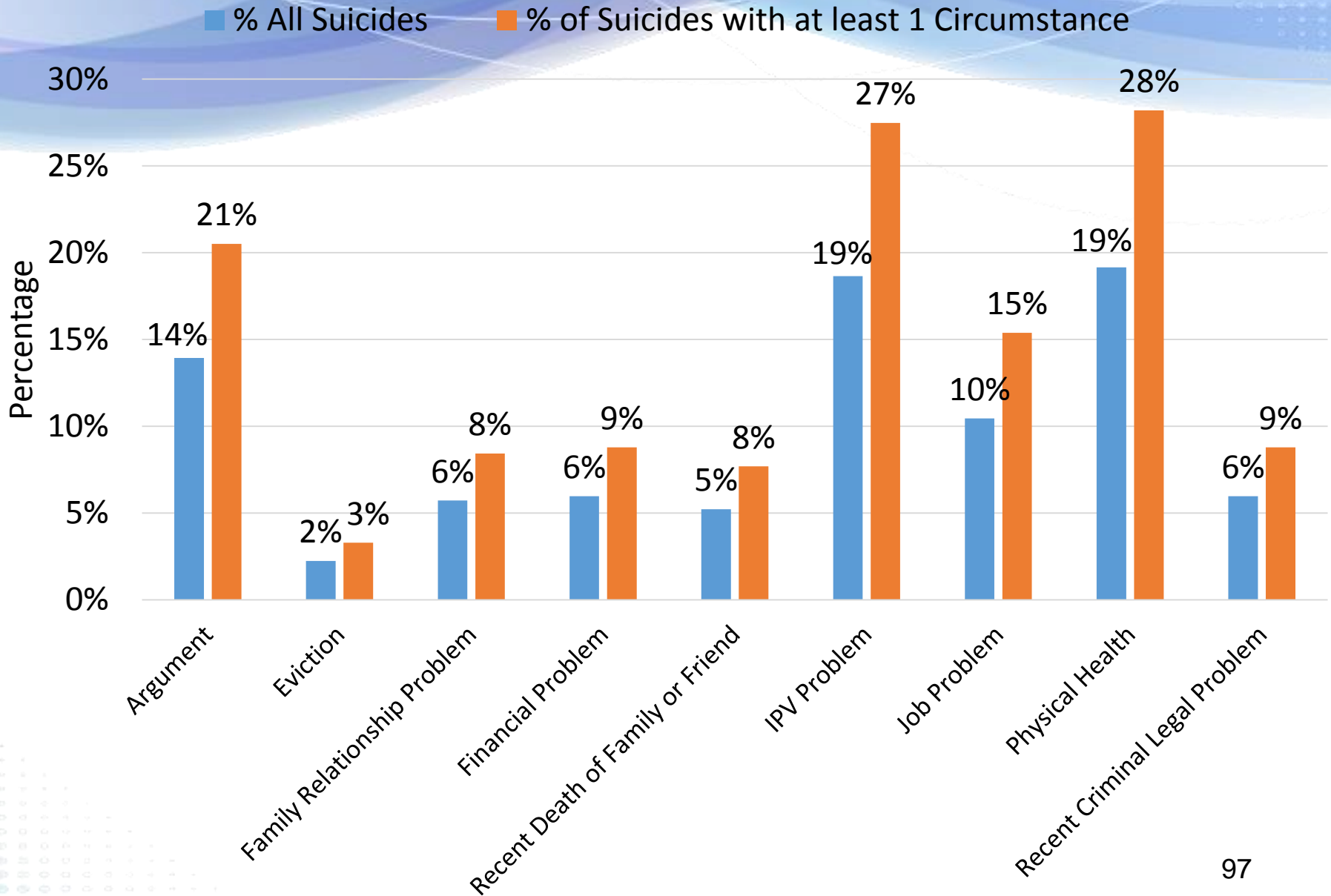
Mental Health Diagnoses-150

- 105 Depression
- 17 Bipolar
- 8 Schizophrenia
- 6 PTSD



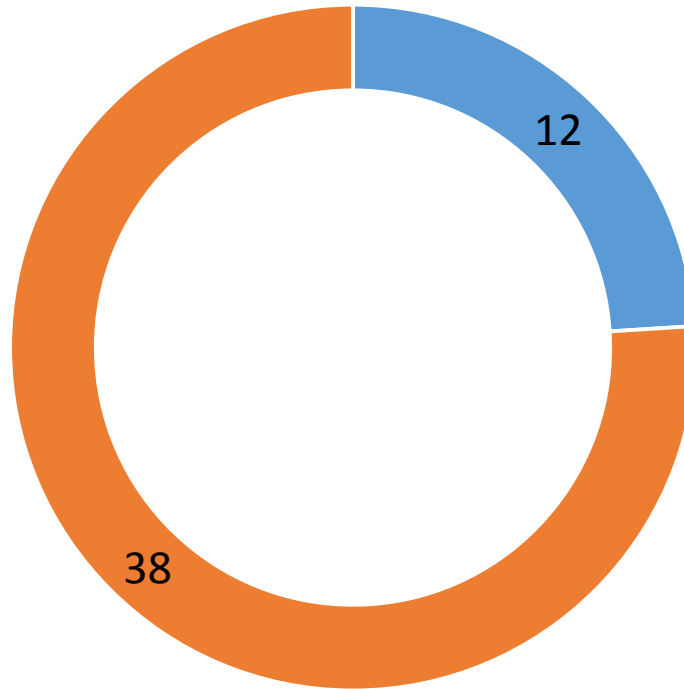
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Suicide Circumstances-Life Stressors



Argument Timing Breakdown

■ During Argument ■ With 24 hours of Argument



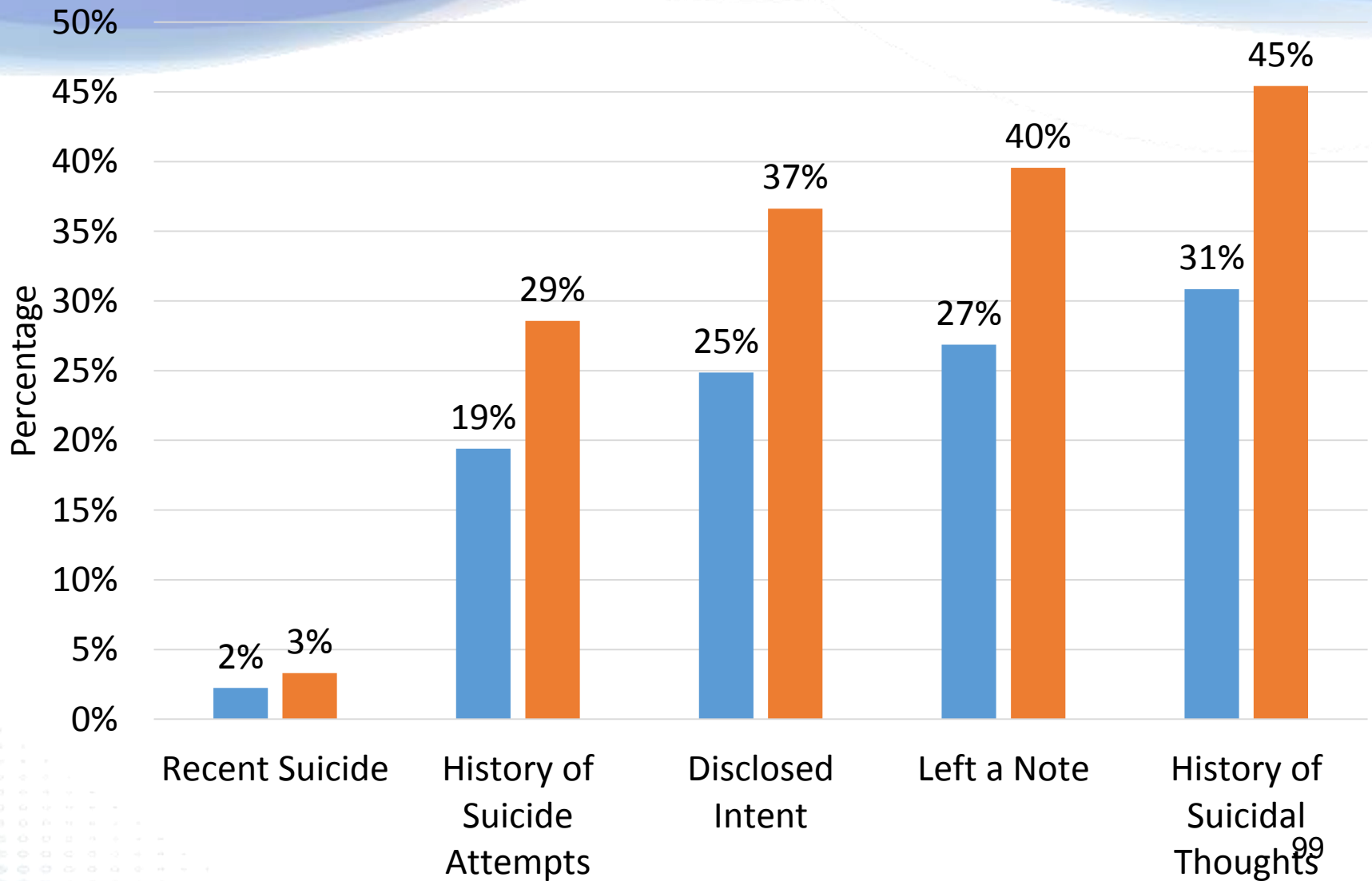
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Department of Health

INVDRS
Indiana Violent Death
Reporting System

Suicide Circumstances-Suicide Specific

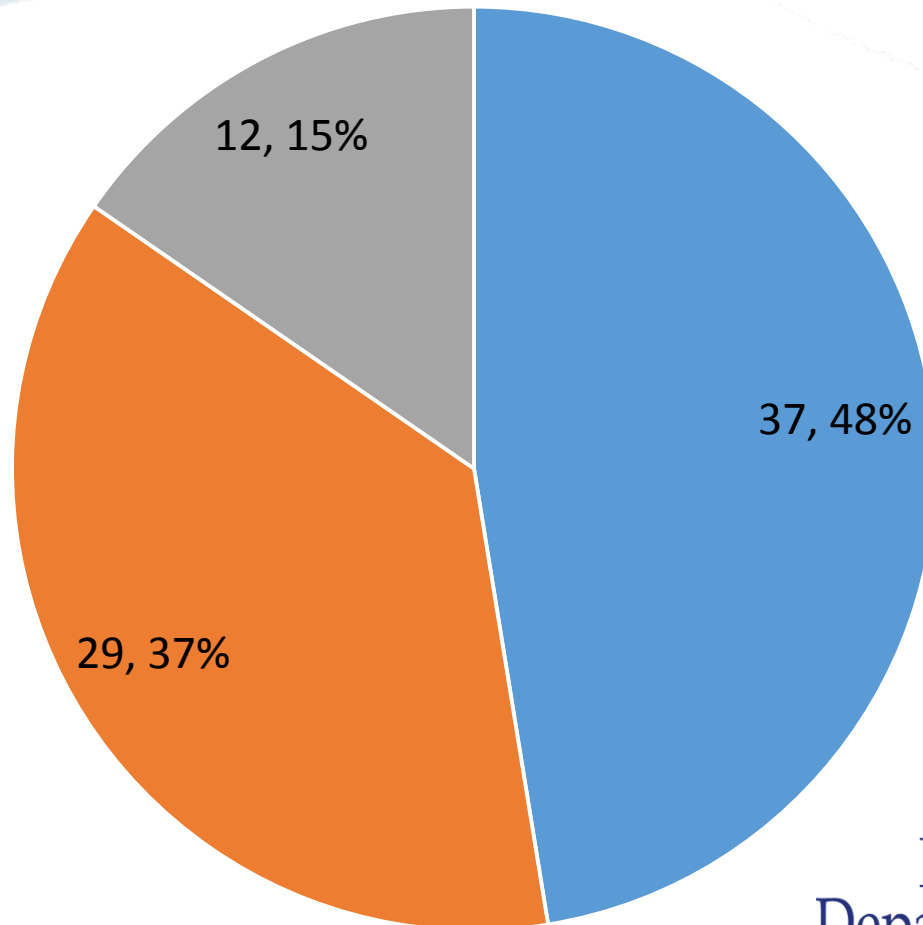
■ % All Suicides

■ % of Suicides with at least 1 Circumstance



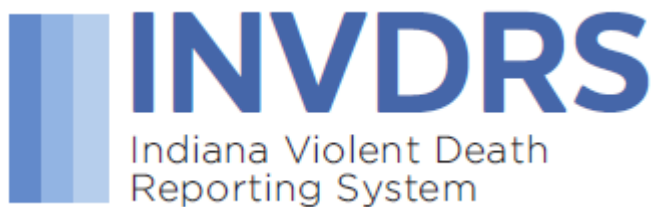
Disclosed Intent to Whom Breakdown

■ Current or Former Partner ■ Other Family Member ■ Friend



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HOMICIDE CIRCUMSTANCES

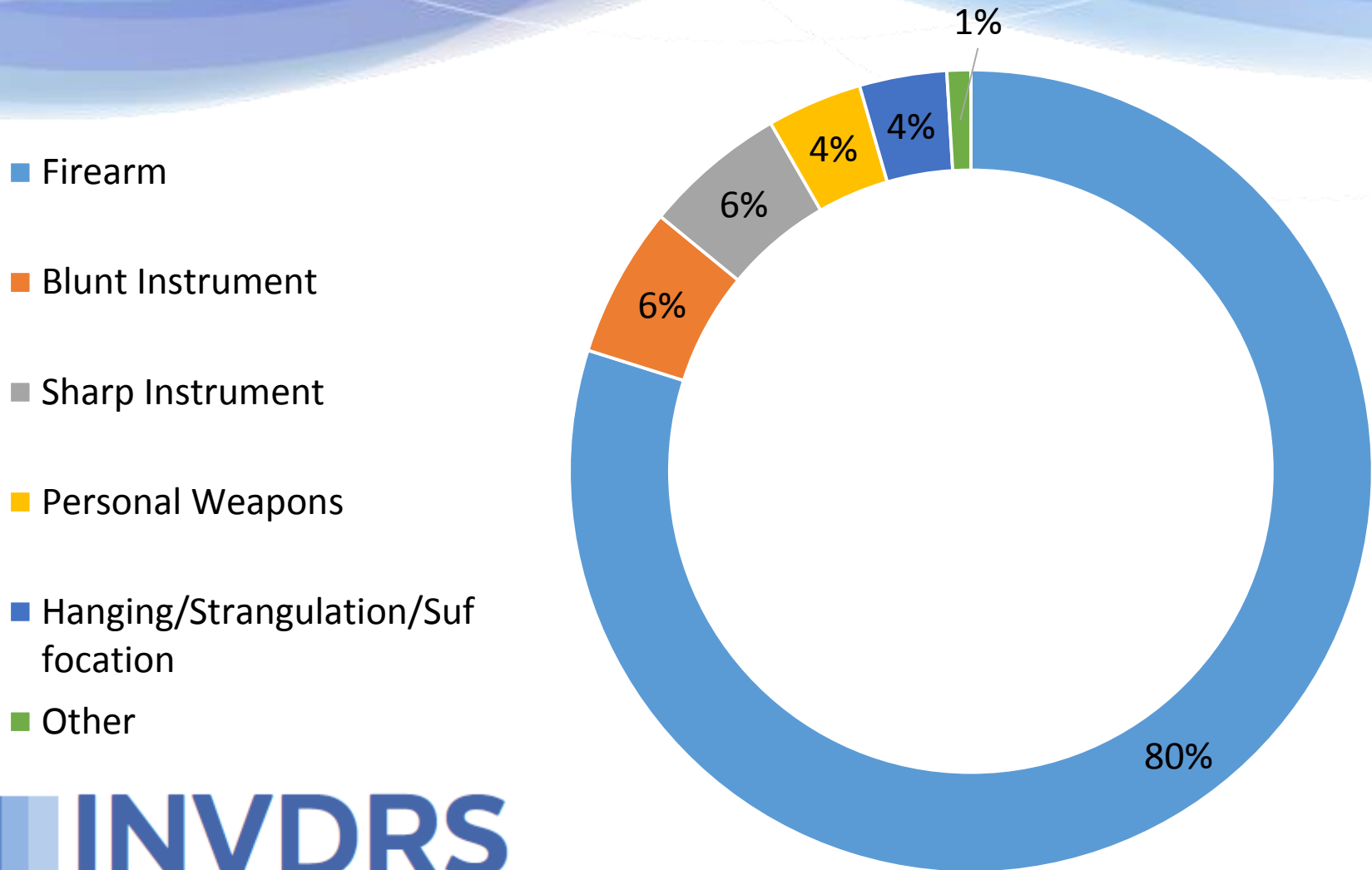


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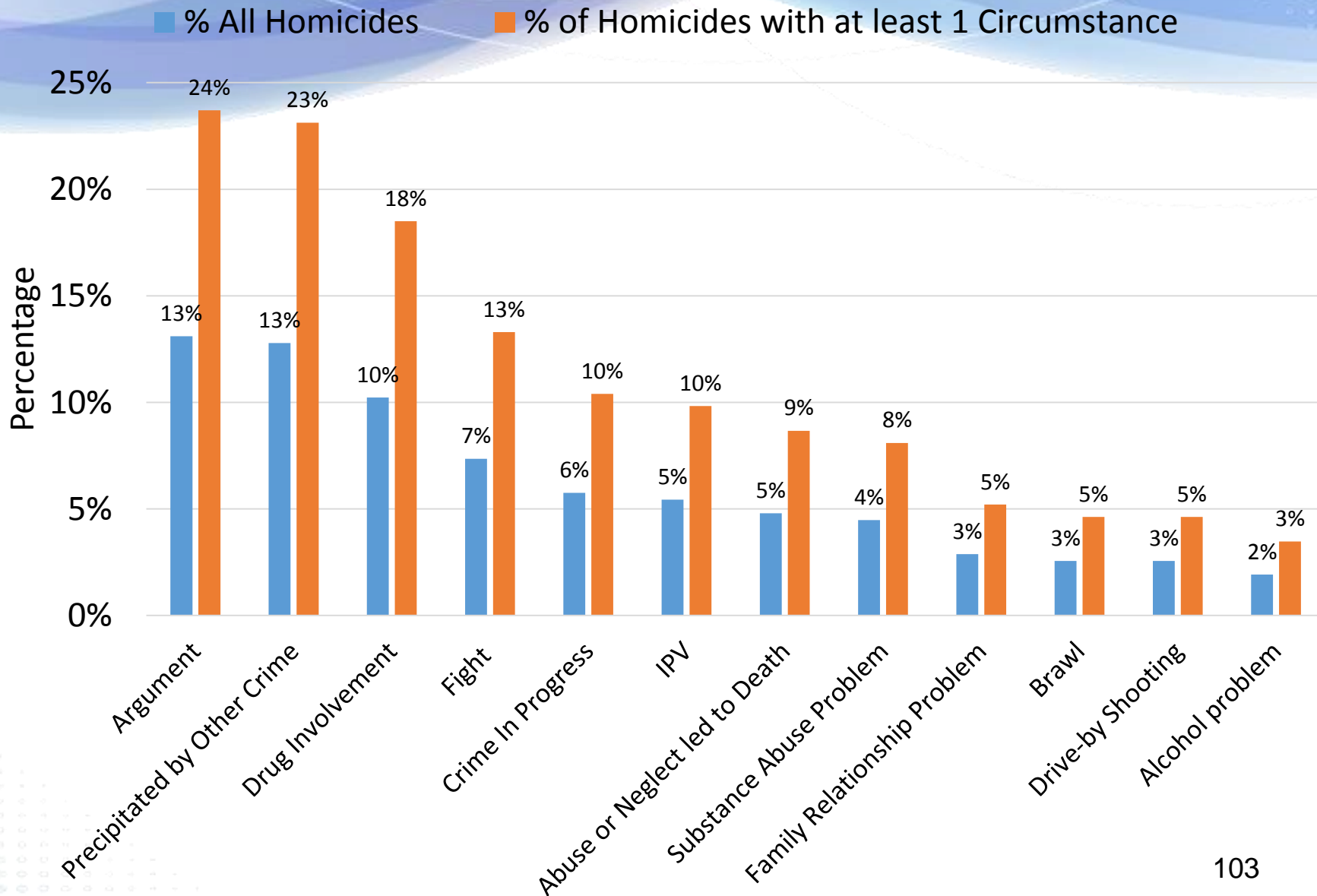
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Weapon Type for Homicide Decedents



- Firearm
- Blunt Instrument
- Sharp Instrument
- Personal Weapons
- Hanging/Strangulation/Suffocation
- Other

Homicide Circumstances



Precipitated by Other Crime Breakdown

- Burglary= 6 homicides
- Drug Trade= 6 homicides
- Robbery= 7 homicides



What else would you like to see?

Activity!



2018 meeting dates

- 1 p.m.-3 p.m. EST in Rice Auditorium
 - March 16th
 - September 21st



Call to Action

- Send interested parties to ISDH
Division of Trauma and Injury
Prevention

- INVDRS@isdh.in.gov

- INVDRS PI & Epidemiologist

Rachel Kenny

317-233-8197

rkenny@isdh.in.gov



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