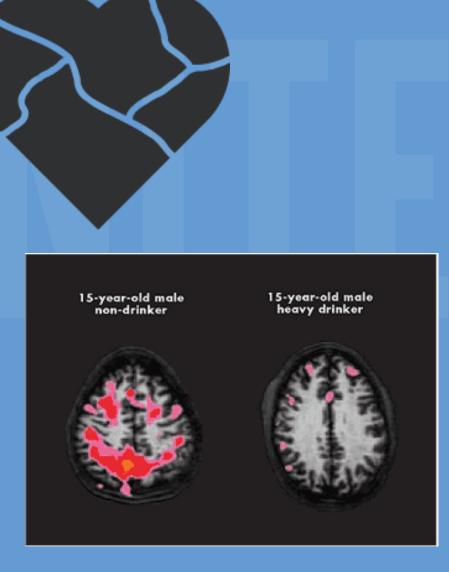


SEQUENTIAL INTERCEPT MAPPING ASSESSING THE BEHAVIORAL HEALTH CRISIS SYSTEM IN YELLOWSTONE COUNTY DAY ONE

JULY 16, 2019









Once addiction steals everything else, the only remaining thing to steal is our hope for renewal and wellbeing.



3 Men Charged in Montana Shooting Over Drug Deal

Three men have been charged with assault with a weapon for their alleged re drug deal at a residence in Shepherd.

By Associated Press, Wire Service Content June 12, 2019

BILLINGS, MONT. (AP) – Three men face charges of assault with a we during a confrontation over a drug deal at a residence in Shepherd,

TOPICAL

Billings man, daughter accused of running 'dark web' drug operation from West End home



highest suicide rate in the country.

United Way of United Way of Vellowstone County



SAM WILSON swilson@billingsgazette.com Jan 8, 2019

Hope /hōp/

Noun 1.1 a feeling of expectation and desire for a certain thing to happen



heal-ing /hēliNG/

Noun

1.1. the process of making or becoming sound or healthy again



The opposite of addiction is not sobriety. It is connection.







• We know how to do it • You have done it



UNITED WE FIGHT. UNITED WE WIN. LIVE UNITED

Healing - Connecting



- Cannot do it alone
- Need power greater than ourselves
- Made a decision

4. fearless inventory



10



We need

















Substantially Reduce Drug Related Crime and Addiction







Matter of connecting

- Science
- Resources
- Leadership
 Belief

- No excuses
- Don't build the ladder to the Moon
- Make the world 10x better
- Figure it out as you go





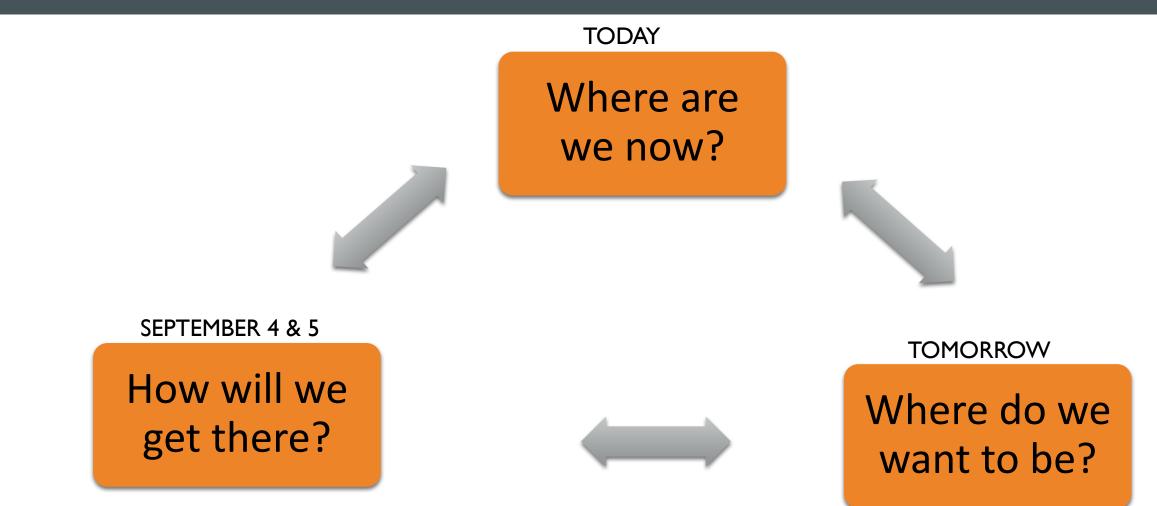
Jane Smilie Katie Loveland





Panel of Local Experts

AGENDA FOR OUR PLANNING PROCESS



OUR COMMITMENTS TO YOU

We will not waste your time

We will not wordsmith

You will have opportunities for meaningful input

We will be relentlessly committed to creating a plan that is useful, and operational

YOUR COMMITMENTS TO THIS PROCESS

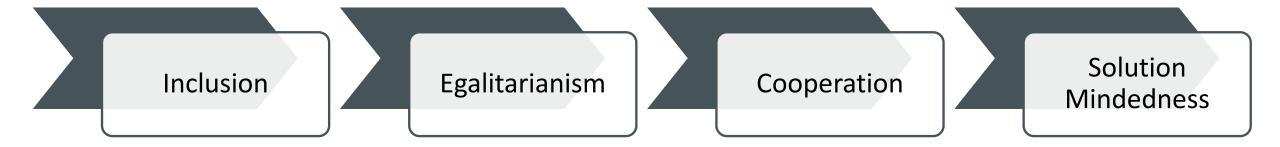
Stay engaged and participate

Keep focus on behavioral health crisis

Bring your expertise and organizational perspective

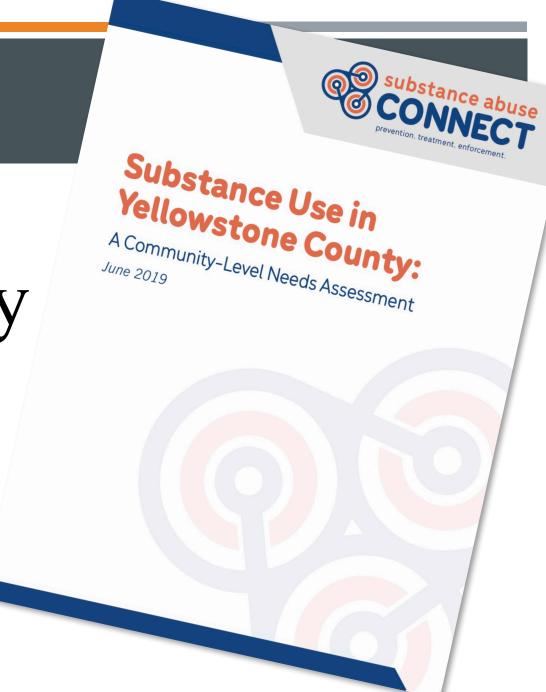
Follow the 80% Principle

PRINCIPLES OF PARTICIPATORY DECISION MAKING

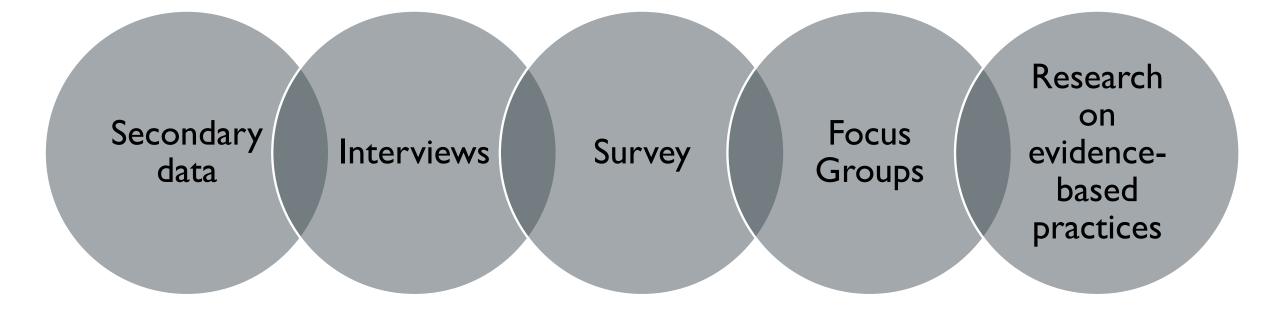


What do we know about behavioral health concerns and the justice system in Yellowstone County?

Executive Summary Page 5-6



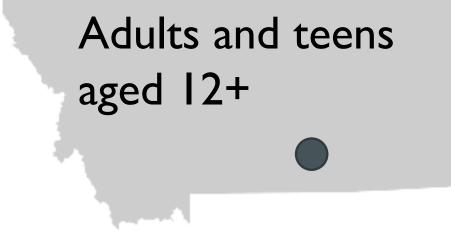
DATA GATHERED FOR ASSESSMENT + MEETING PREP



Substance use disorders are common in the Yellowstone County/Billings community with more than 4,000 individuals aged 12 and up dependent on or abusing illicit drugs

9,500

dependent on or abusing alcohol

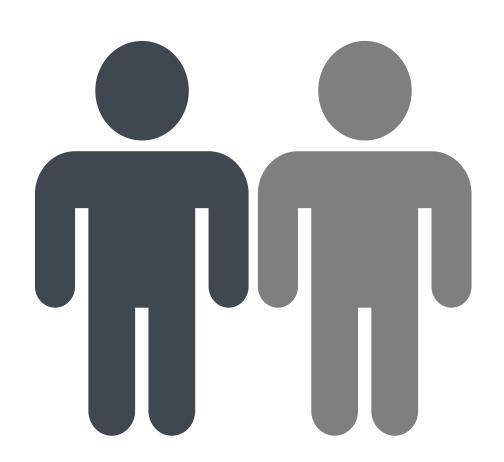


4,073

dependent on or abusing illicit drugs

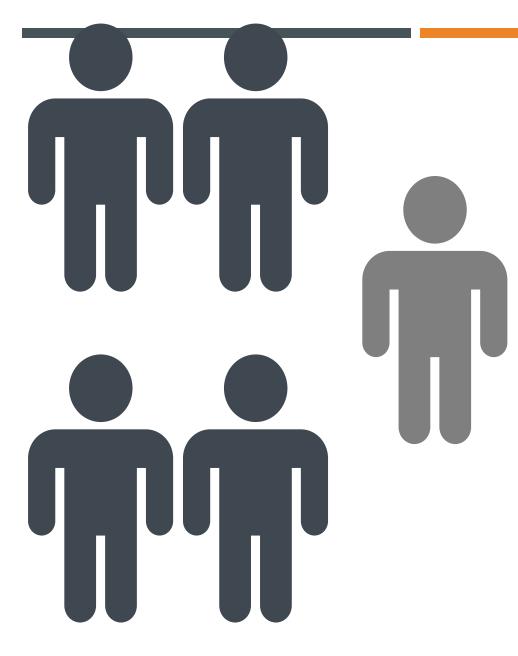
Source: National Survey on Drug Use and Health, 2015-2016

Nearly one in every two Yellowstone County residents says their life has been negatively affected by substance use

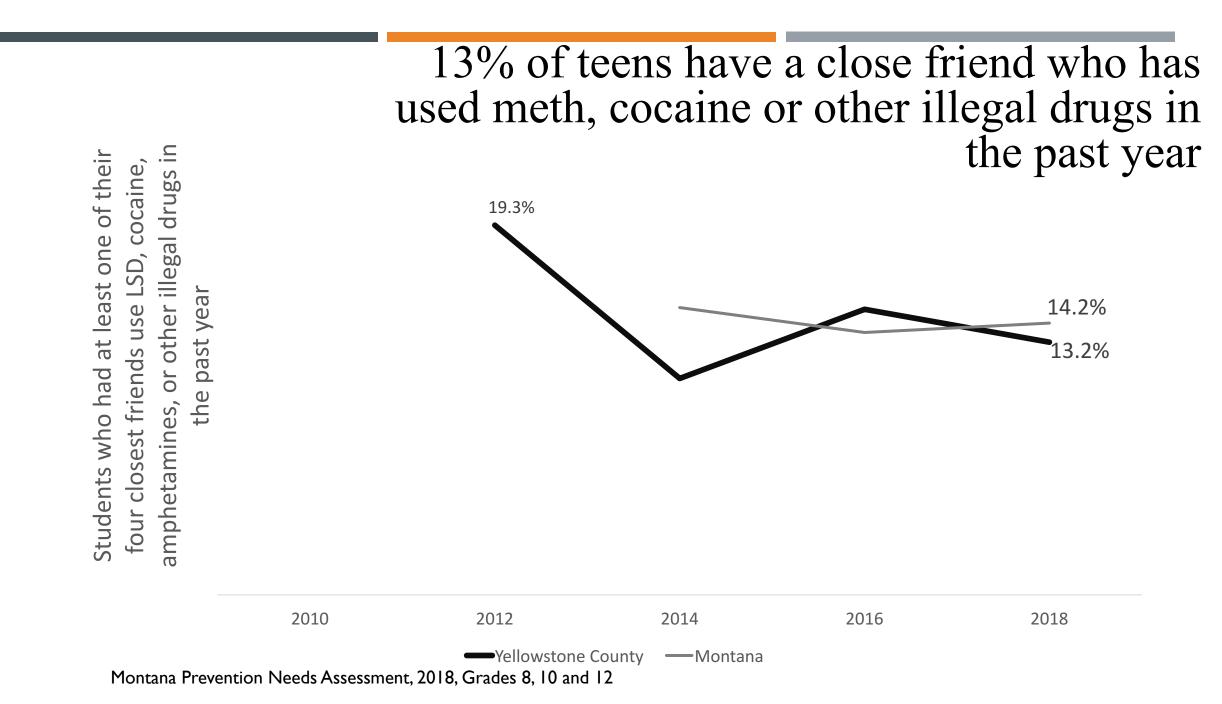


Youth with trauma histories and ready access to illicit substances in their home and social networks, are initiating substance use early in adolescence and are at increased risk for developing SUDs. These same youth are often chronically absent from school and risk academic failure and future justice system involvement.

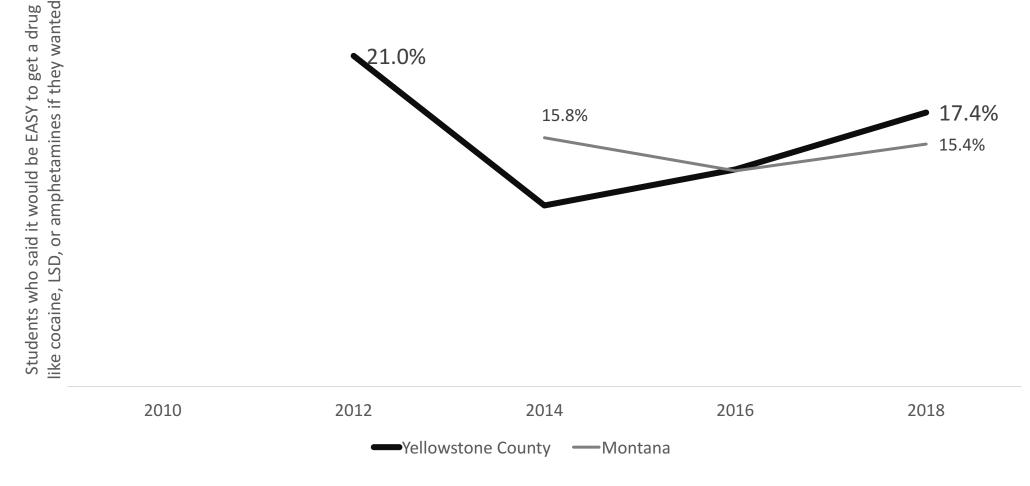
One in three high school students personally knows an adult who has used marijuana, cocaine or other drugs in the last



One in five teens personally knows at least one adult who has dealt or sold drugs in the past year.

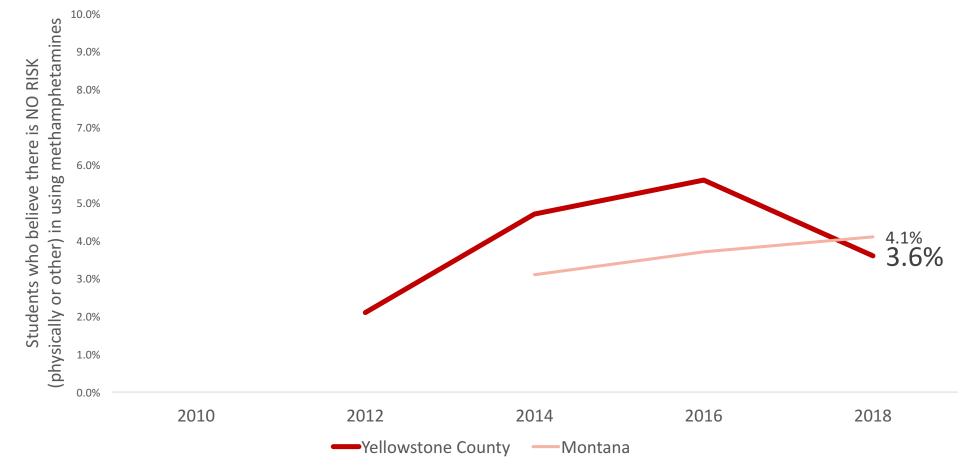


One in six teens reports that it would be easy to get a illicit drugs if they wanted to



Montana Prevention Needs Assessment, 2018, Grades 8, 10 and 12

Most teens perceive that there are risks related to using meth



Montana Prevention Needs Assessment, 2018, Grades 8, 10 and 12

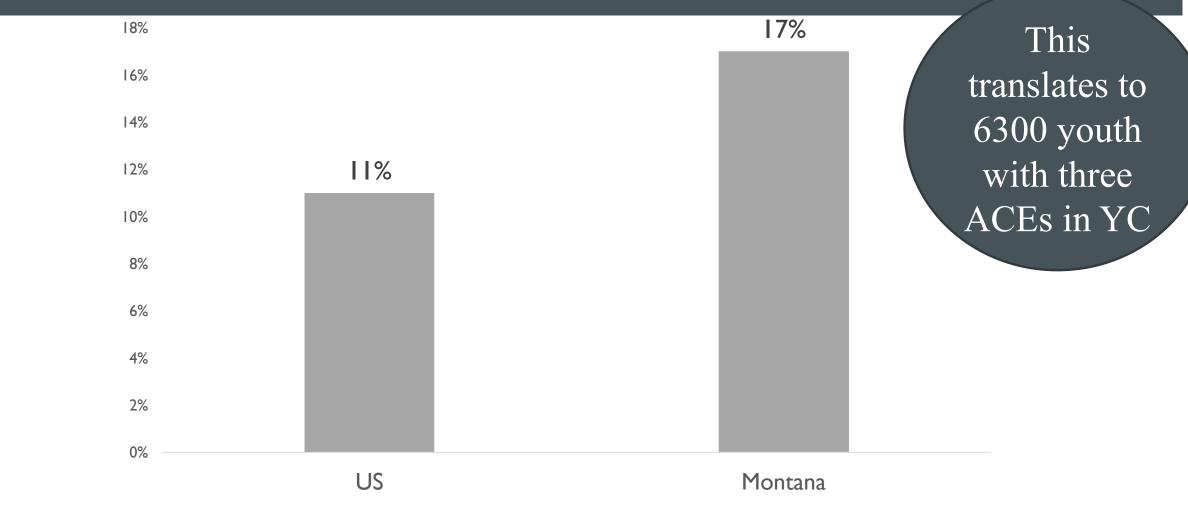
Substance use disorder is a CHILDHOOD onset disease with an etiology rooted in trauma.

In one focus group with individuals in treatment in Billings, all participants except one indicated their first use was between 10-12 years old. According to SAMHSA "trauma is an almost universal experience of people with mental and substance use disorders."

Source: Correlates of Lifetime Exposure to One or More Potentially Traumatic Events and Subsequent Posttraumatic Stress among Adults in the

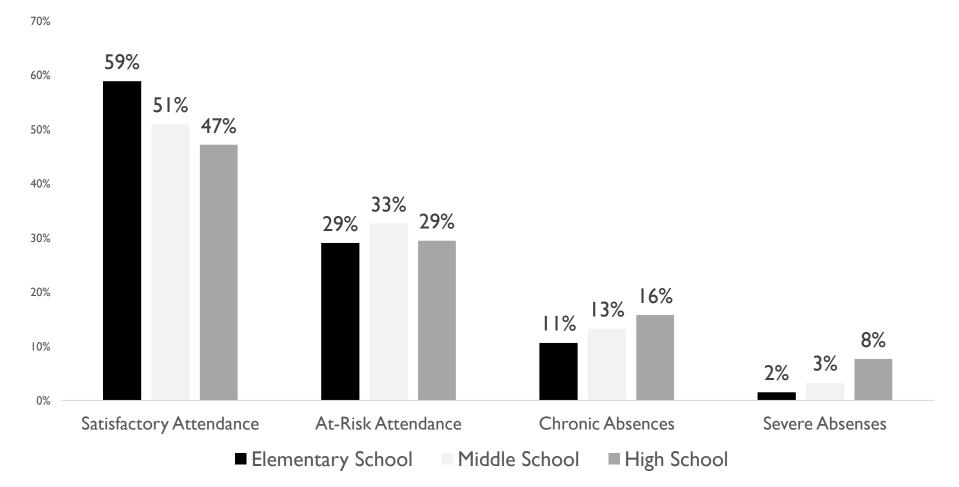
United States: Results from the Mental Health Surveillance Study, 2008-2012

CHILDREN IN MONTANA ARE MORE LIKELY TO HAVE THREE OR MORE ACES THAN CHILDREN IN THE US



Source: National Survey of Children's Health, 2014

Two in five elementary school students are atrisk based on attendance

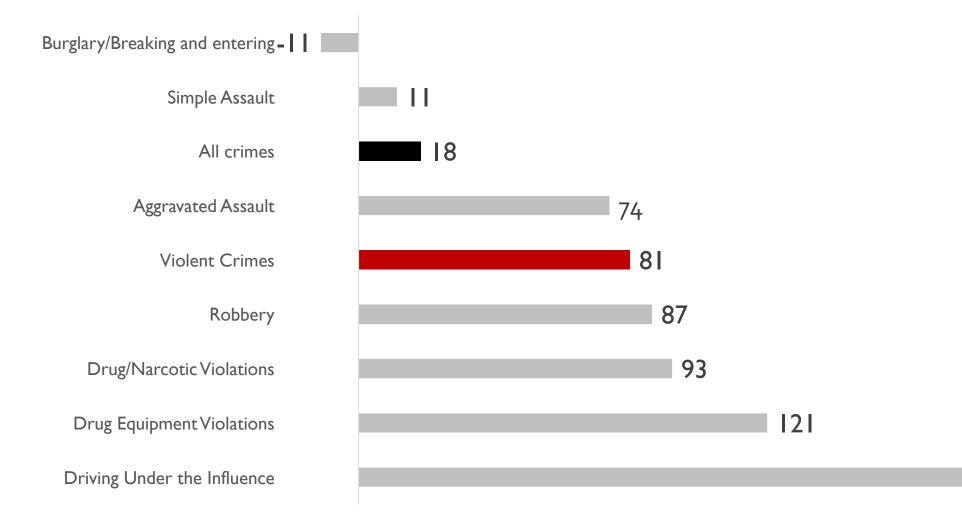


Source: United Way

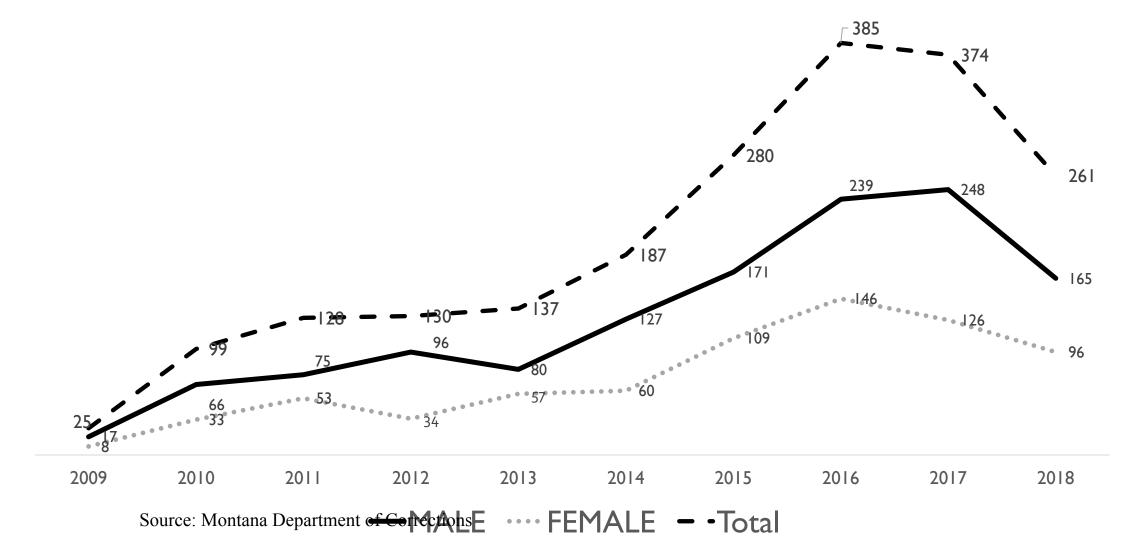
The justice system in Yellowstone County is increasingly driven by substance use related crimes, with possession and drug paraphernalia violations and DUI offenses skyrocketing in the last decade.



Percent change from 2010 to 2017 in various crime categories, Yellowstone County



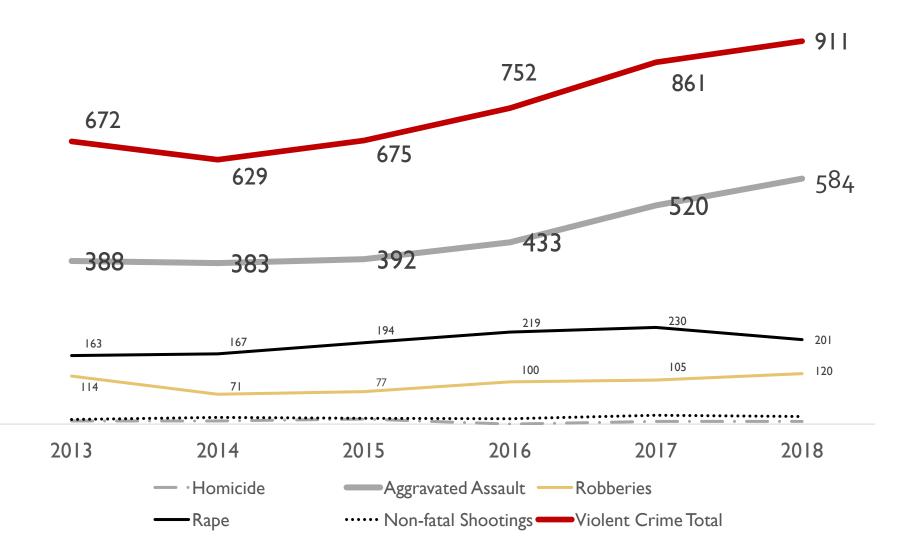
The number of felony convictions in Yellowstone County for substance use related offenses has spiked in recent years



Violent crime is also on the rise in Yellowstone County, driven by a rise in aggravated assault.

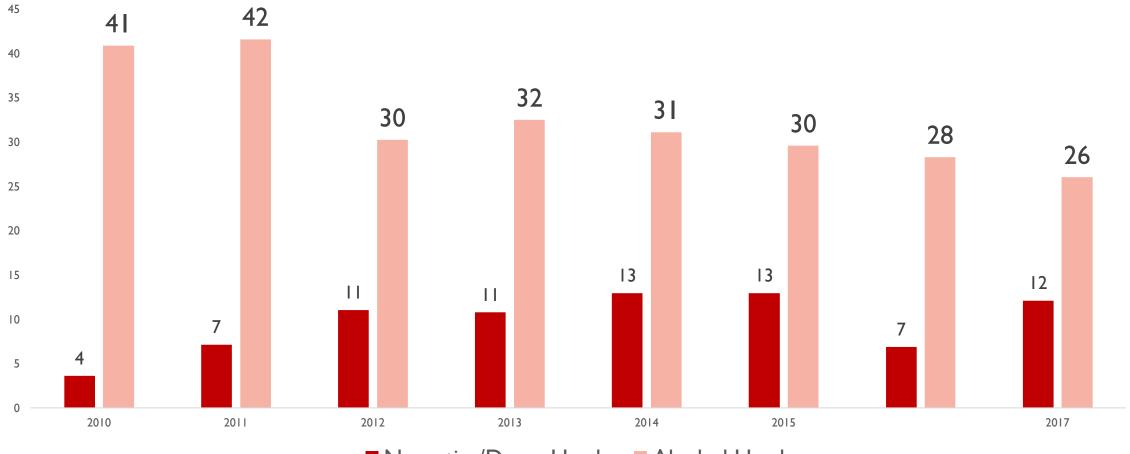


Number of violent crimes annually in Yellowstone County, 2013-2018



Source: U.S. Attorney's Office

Percent of Index Violent Crimes with User using Narcotics/Drugs and Alcohol, Yellowstone County, 2010-2018



Narcotics/Drugs Used
Alcohol Used

What does the research say about the link between methamphetamine use and violence?

Acknowledgement: Linda Truitt, US Department of Justice

WHAT DO LAW ENFORCEMENT SAY?

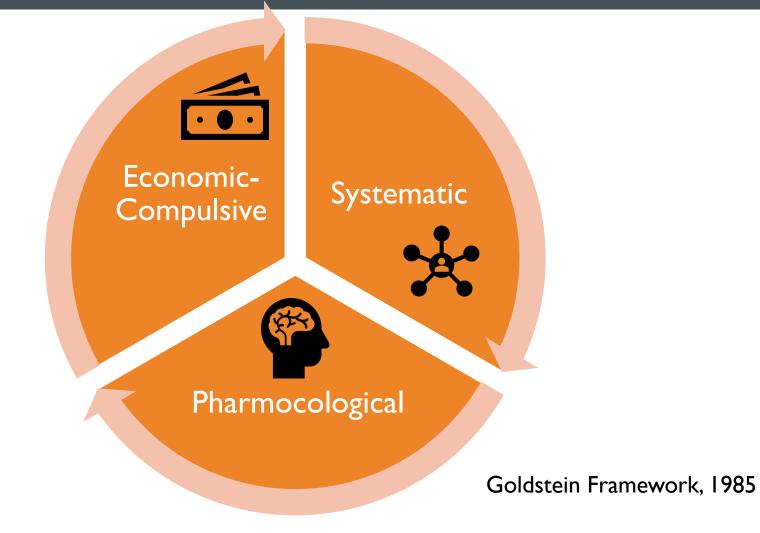
Law enforcement officials nationwide identify methamphetamine as the drug that contributes most to violent crime

Customs and Border Patrol have reported a steady increase in meth seizures since 2012

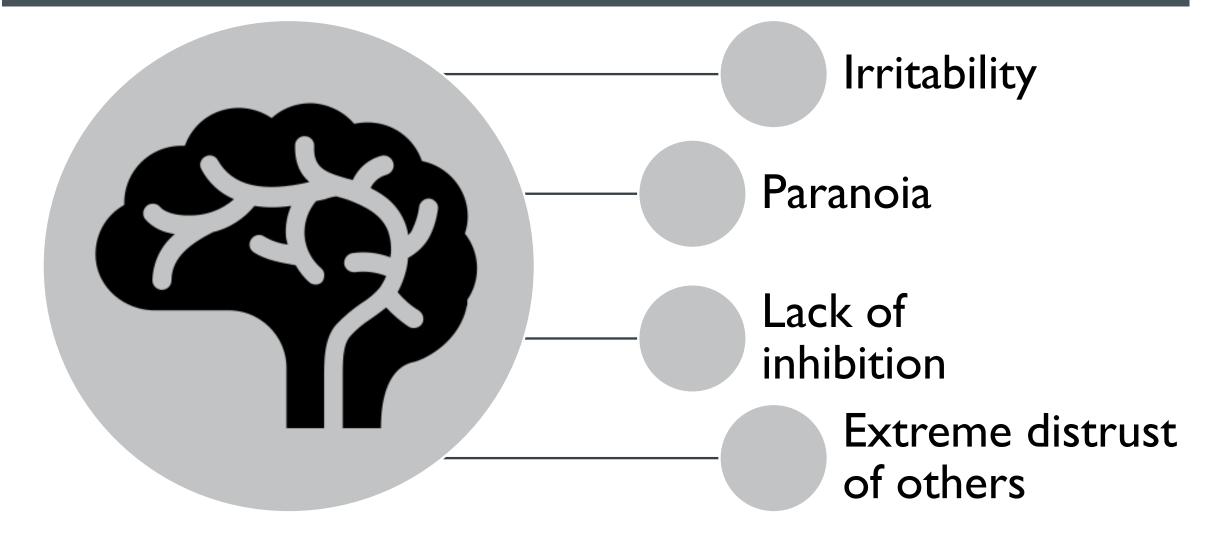
Competition between wholesale drug trafficking organizations has led to lower methamphetamine prices, higher drug purity, and expanded drug-related violence concerns.

Sources: 2017, U.S. Sentencing Commission, CBP Enforcement Statistics 2018, DEA 2017, 2017 National Drug Threat Survey-unclassified

TYPES OF VIOLENCE ASSOCIATED WITH SUBSTANCE USE



PHARMACOLOGICAL EFFECTS OF METHAMPHETAMINE USE



WHAT DOES THE RESEARCH SAY?

- "Evidence specifically on the association of methamphetamine and violence is accumulating, but the nature of the association and its context are not yet well understood."
- "Naturalistic studies provide inconsistent evidence-some showing methamphetamine use correlated with violent behavior, and some showing no significant relationship".
- Violent behavior often proceeds meth use and users often report preexisting aggression and anger due to trauma

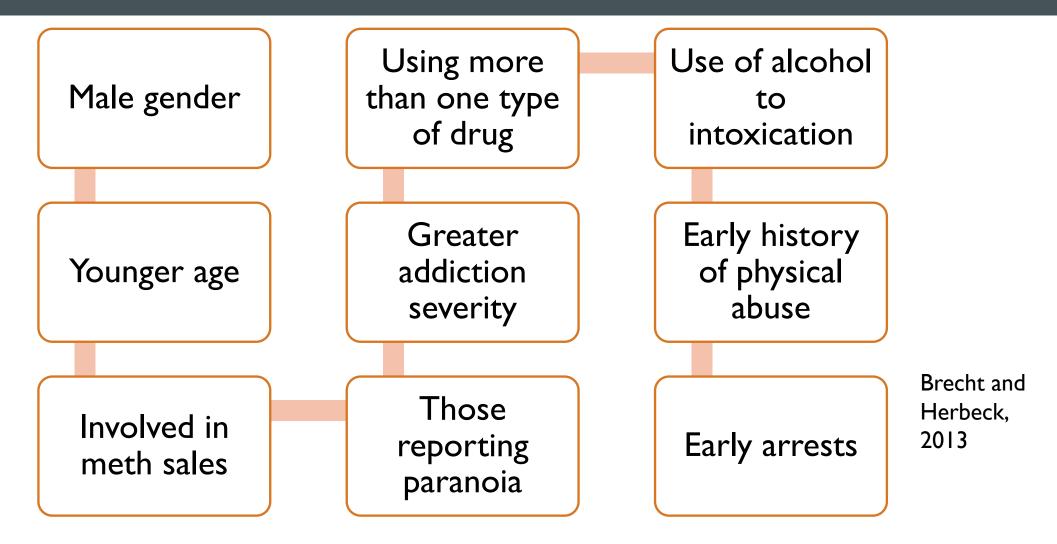
STUDY OF 350 METH USERS RECEIVING TREATMENT

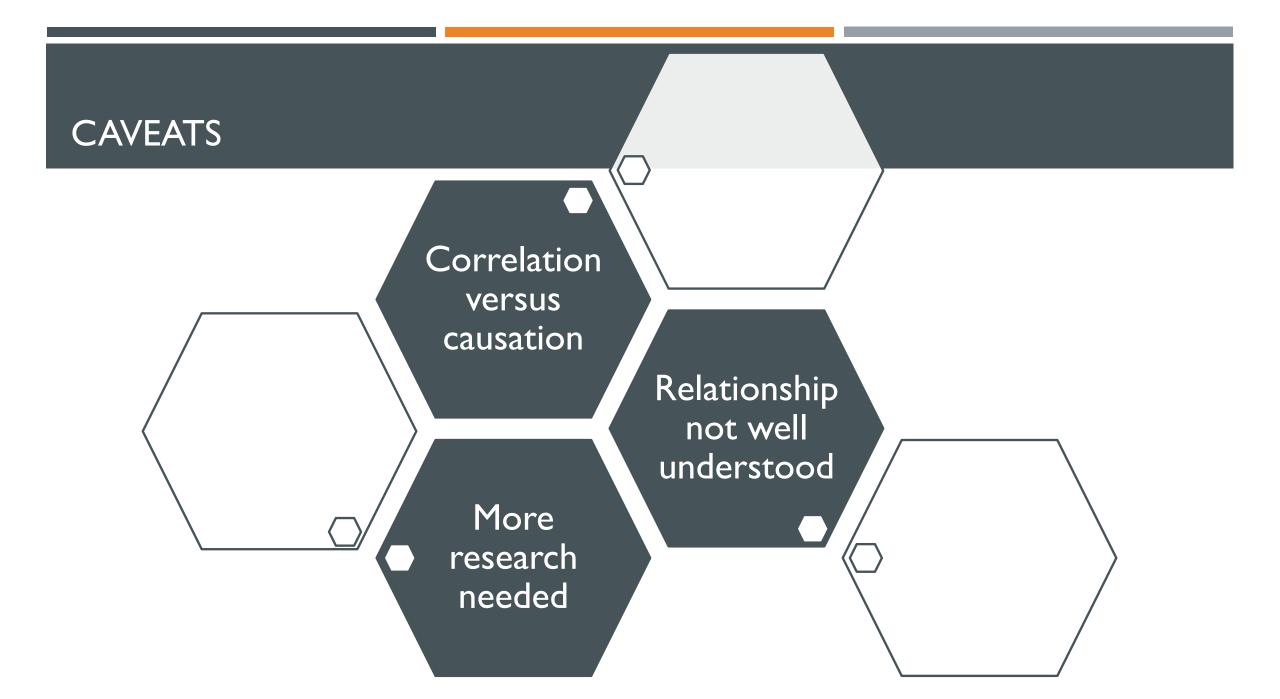
- 59% perceive that their meth use resulted in violent behavior
- Of those reporting violent behavior, 55% indicated they engaged in violent behavior before they began using meth
- The average age of initiation of violent criminal behavior (16.7 years) was lower than the average age of methamphetamine initiation (18.1)
- The majority of meth users also reported poly substance use.
- In this sample, I/3 had been sexually abused and I/2 have been physically abused before age I5. More than half reported that their parents had drug or alcohol problem.

STUDY OF FEMALE METHAMPHETAMINE USERS AND VIOLENCE

- 80% reported experiencing violence in their lifetimes: 67% had violence perpetrated against them, and 57% had perpetrated violence.
- 29% attributed their violent behaviors to meth and said they would not have been violent had they not been using meth but 59% described pre-existing 'anger issues' that were 'enhanced' by meth
- Most participants described perpetrating violence when they were 'coming down' off of meth (i.e. withdrawing).

PREDICTORS OF VIOLENCE AMONG METH USERS

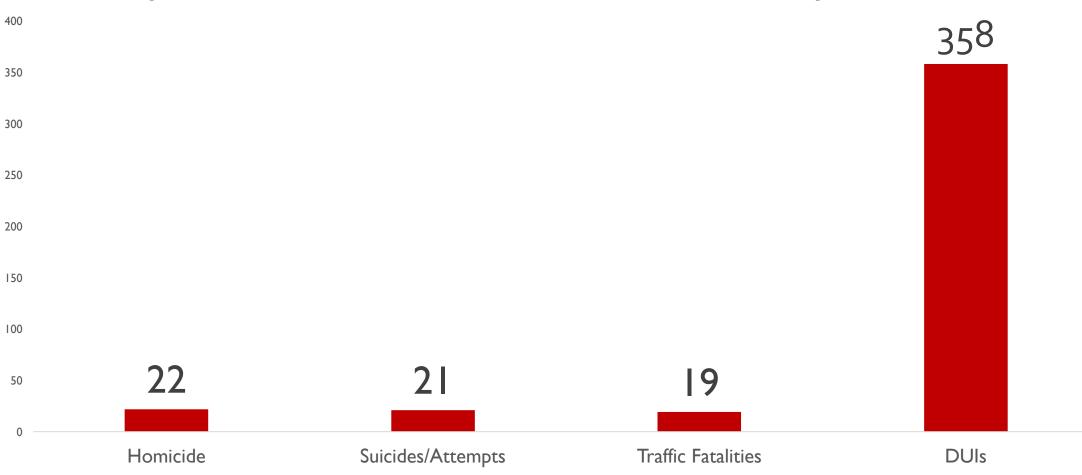




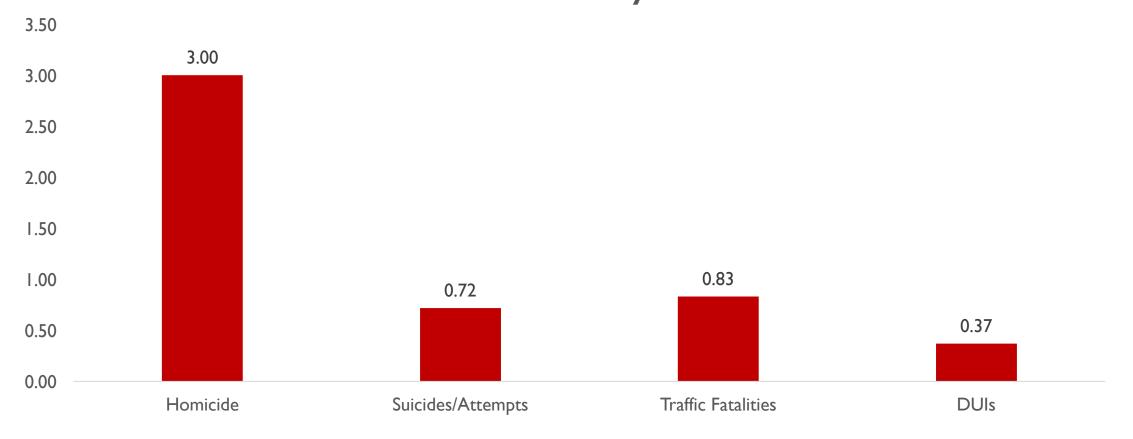
Many of the substance use-related crimes in Yellowstone County are linked to methamphetamine use. The state laboratory has detected methamphetamine in hundreds of crimes in the last decade and methamphetamine is the most common drug seized by law enforcement officials in the community.



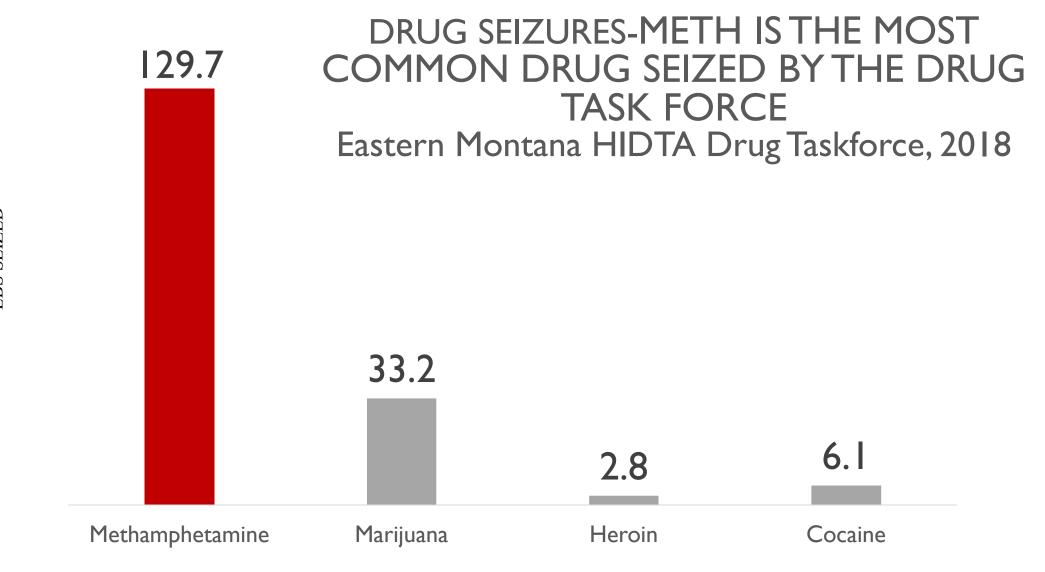
Type of cases with a positive methamphetamine screen in by the Montana State Lab, Yellowstone County, 2010-2018



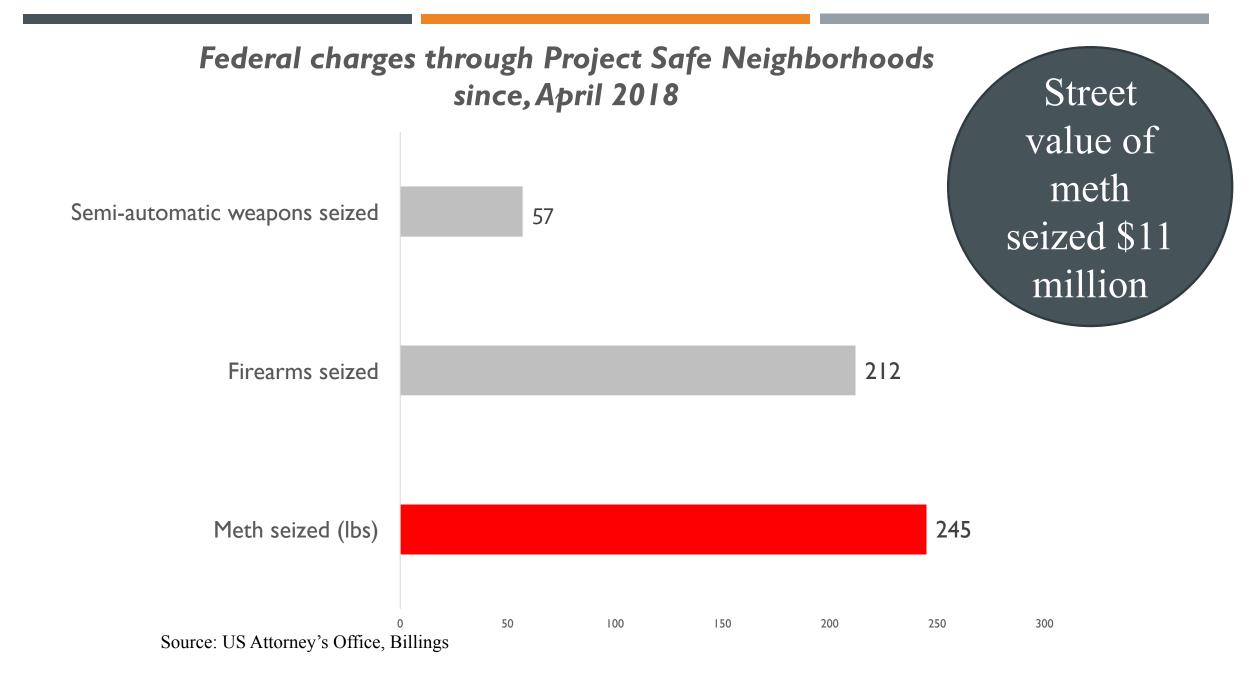
Average detected methamphetamine concentration (mg/L), by case type, Yellowstone County, 2010-2018



Source: Montana State Lab, Montana DOJ



Source: Billings Police Department 2018 Annual Report



Methamphetamine users report that the drug is easy to obtain in Yellowstone County and that the potency and availability of the drug is driving addiction. They also report a correlation between methamphetamine use and violence, though some report that the drug simply aggravates and exacerbates underlying anger in a highly traumatized population.

Focus Groups: Why meth?

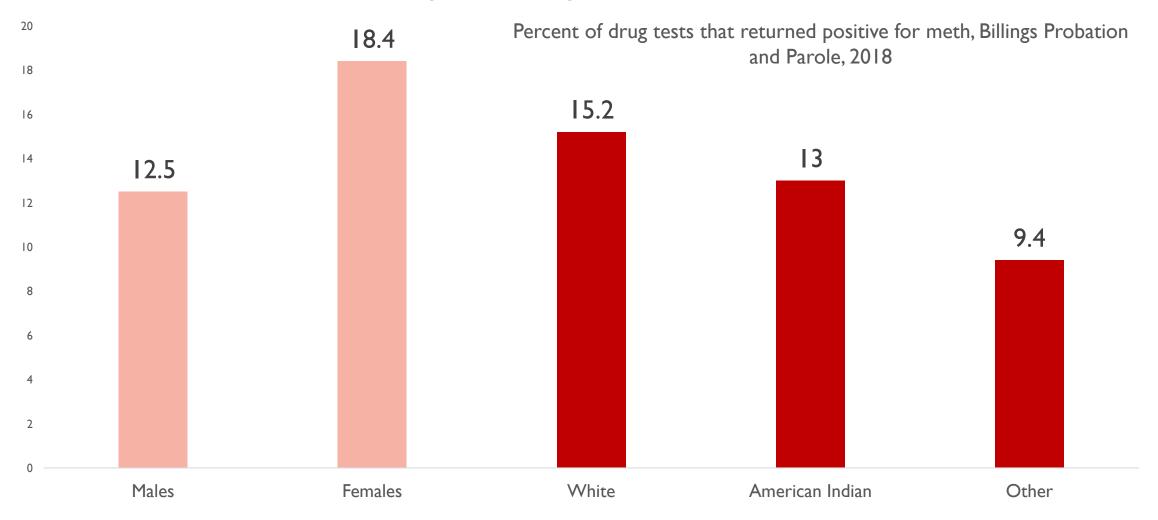
- Very easy to obtain and cheap to buy (and sell to maintain your habit)
- Meth use happens in family systems and social networks that are hard to break free from
- To cope with trauma
- To self-medicate for mental health concerns, including ADHD
- As a party drug used to heighten social experiences
- After seeing methamphetamine use normalized in their family and social networks, and not seeing severe or immediate consequences for those using
- To stay awake and get things done
- To lose weight
- To pass drug tests for employers (because it is known to clear your system more quickly than other drugs like marijuana)

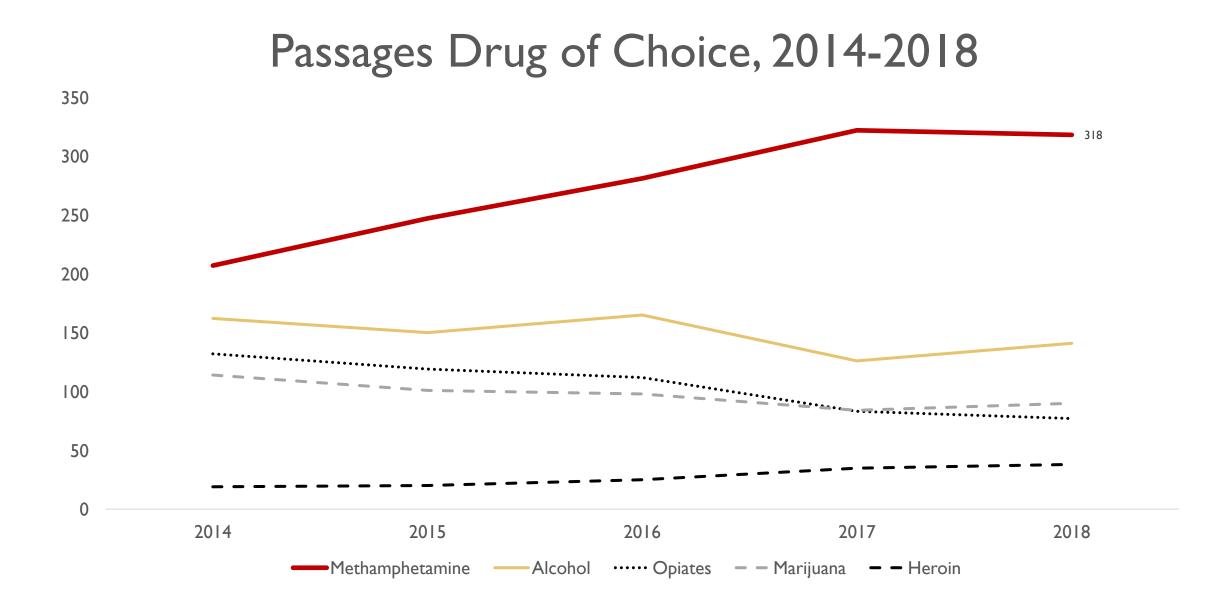
Focus Groups: Why meth and violent crime?

- Meth is a stimulant that exacerbates already angry behavior. "I was never a violent person, but when I used meth I experienced and perpetuated violence"
- The meth feels a lot stronger than it used to be and you don't know what's going to happen when you use it. There's serious delusion about your confidence when on the drug. It gives you a huge false sense of confidence You don't understand consequences and think you are invincible.
- Property crime and stealing to afford methamphetamine (or trading stolen goods directly)
- Greater purity creates dependence more quickly and escalates violence
- People who are using meth aren't sleeping, are paranoid, are agitated, they're not eating, and all of their relationships are gone
- Violence and use may escalate when individuals start using intraveneously

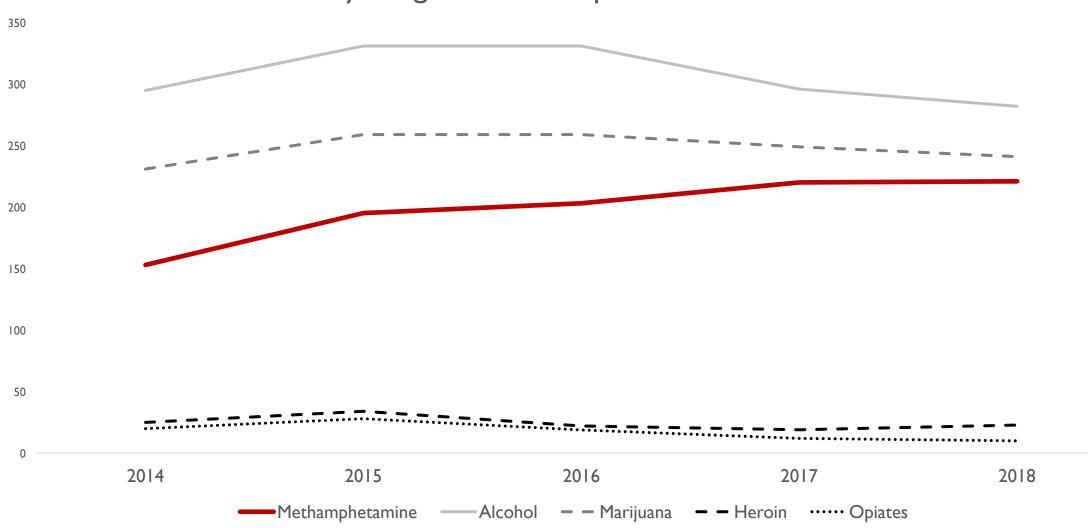
Women using methamphetamine, particularly those of child-bearing age, are over-represented in the drug treatment courts, Department of Corrections treatment facilities, and in probation and parole.

Individuals on probation and parole who are white and female are more likely to have positive meth tests





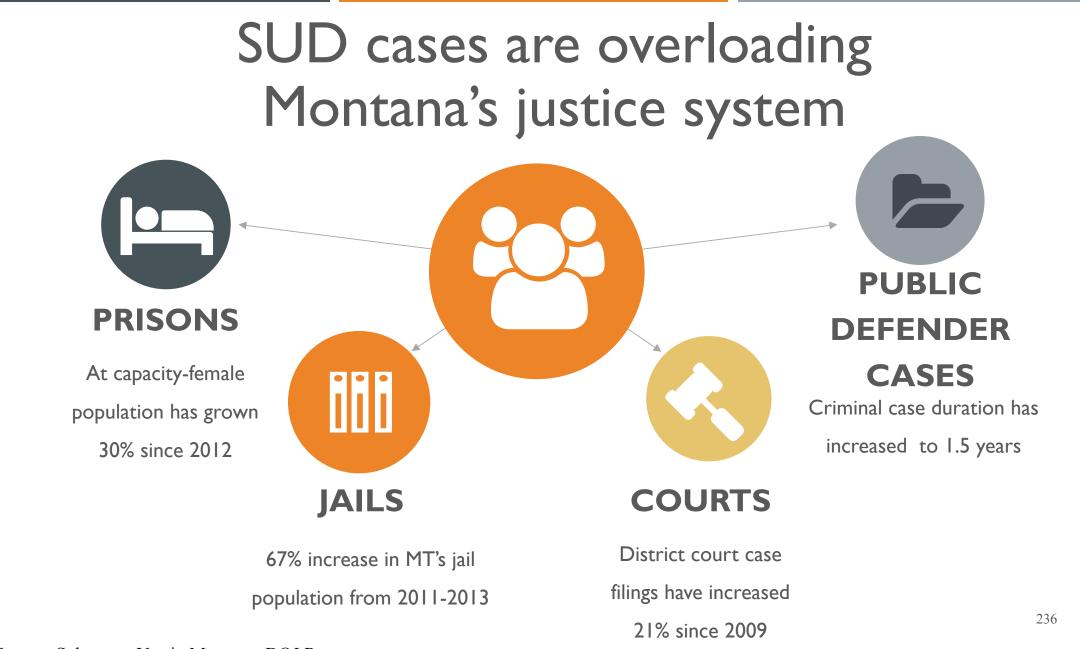
Primary drug of choice, Alpha House, 2014-2018



The rise in substance use related crimes, and the relapse and recidivism that accompanies these, has stressed the courts, jails, public defenders, probation and parole and child welfare systems.

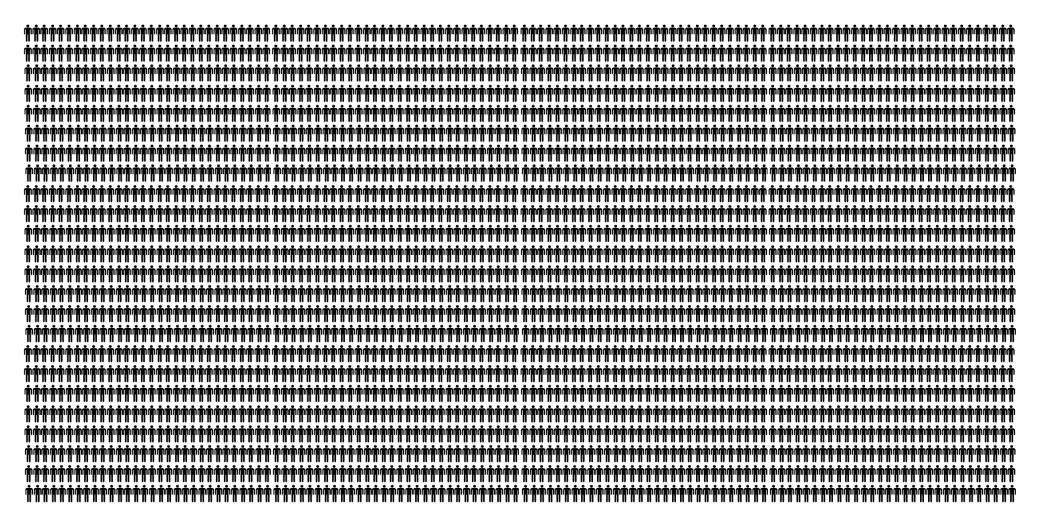
In a review of 6 months of Billings Police Department

11.5%Recidivism rate for drug offenses

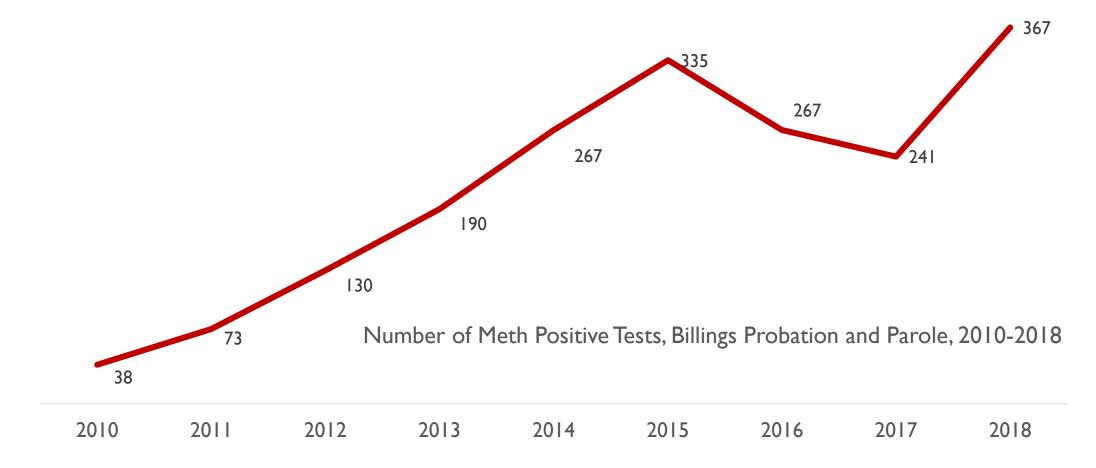


Source: Substance Use in Montana, DOJ Report

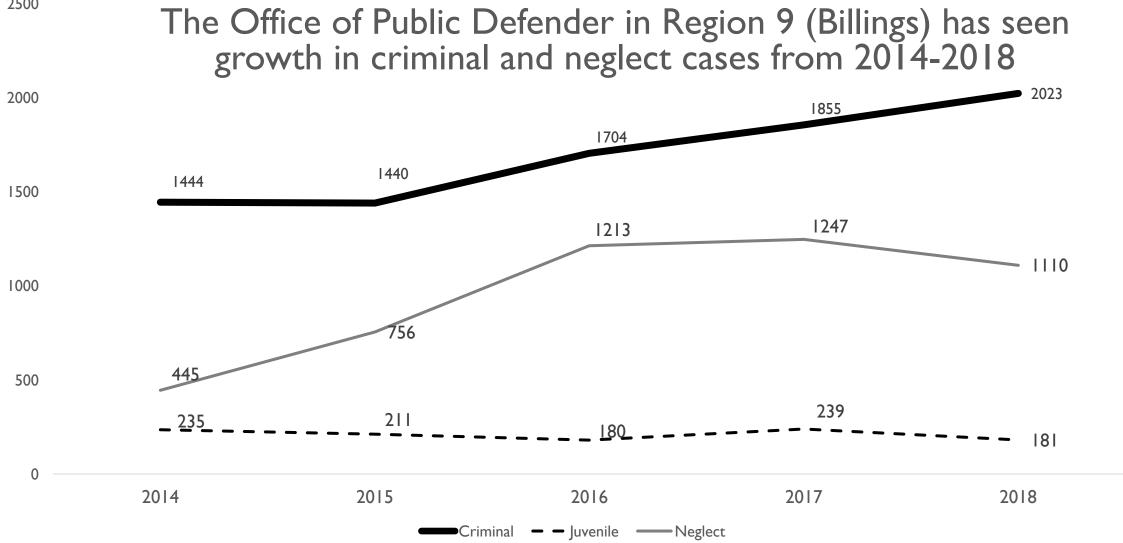
Billings Probation and Parole monitors almost 2500 offenders



The number of positive meth tests among probation and parole participants in Yellowstone County has increased 865% since 2010



Source: Montana Department of Corrections

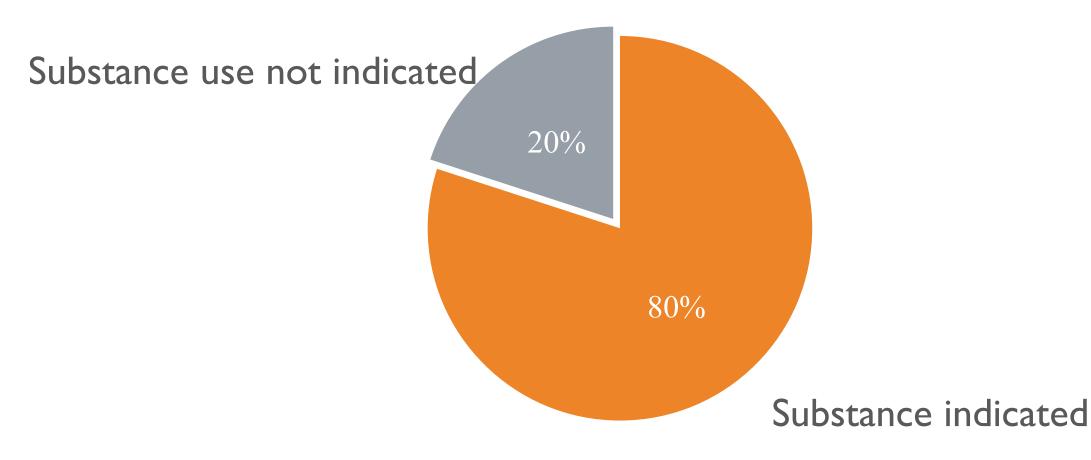


2500

Source: Montana Office of the Public Defender

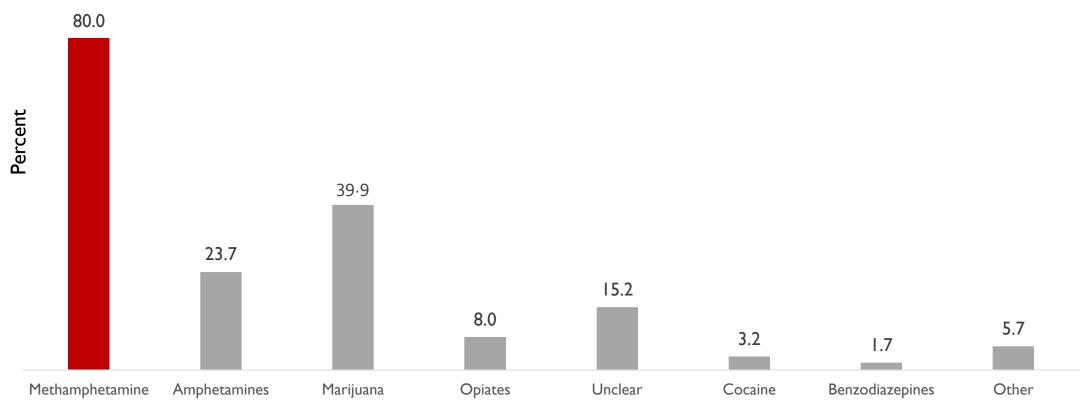
Child welfare concerns are of particular concern, with 80% of cases indicating substance use, and the majority of those cases indicating parental methamphetamine use. Yellowstone County has seen a precipitous rise in child welfare cases in recent years at rates outpacing those seen in Montana as a whole. Children are often impacted adversely by their exposure to parental substance behaviors and by being separated from their families, and the adverse impacts could contribute to future substance use disorders and trauma.

THE MAJORITY OF CHILD AND FAMILY SERVICES PLACEMENTS HAVE SUD INDICATED

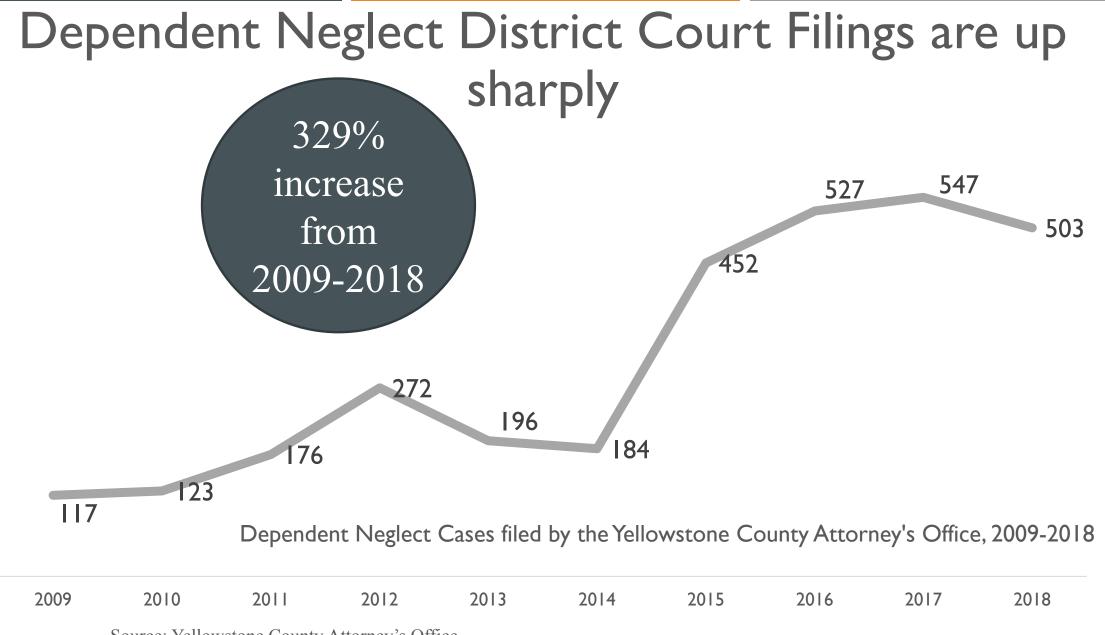


THE MOST COMMON SUBSTANCE INDICATED IN DEPENDENT NEGLECT CASES IN YELLOWSTONE COUNTY IS METHAMPHETAMINE

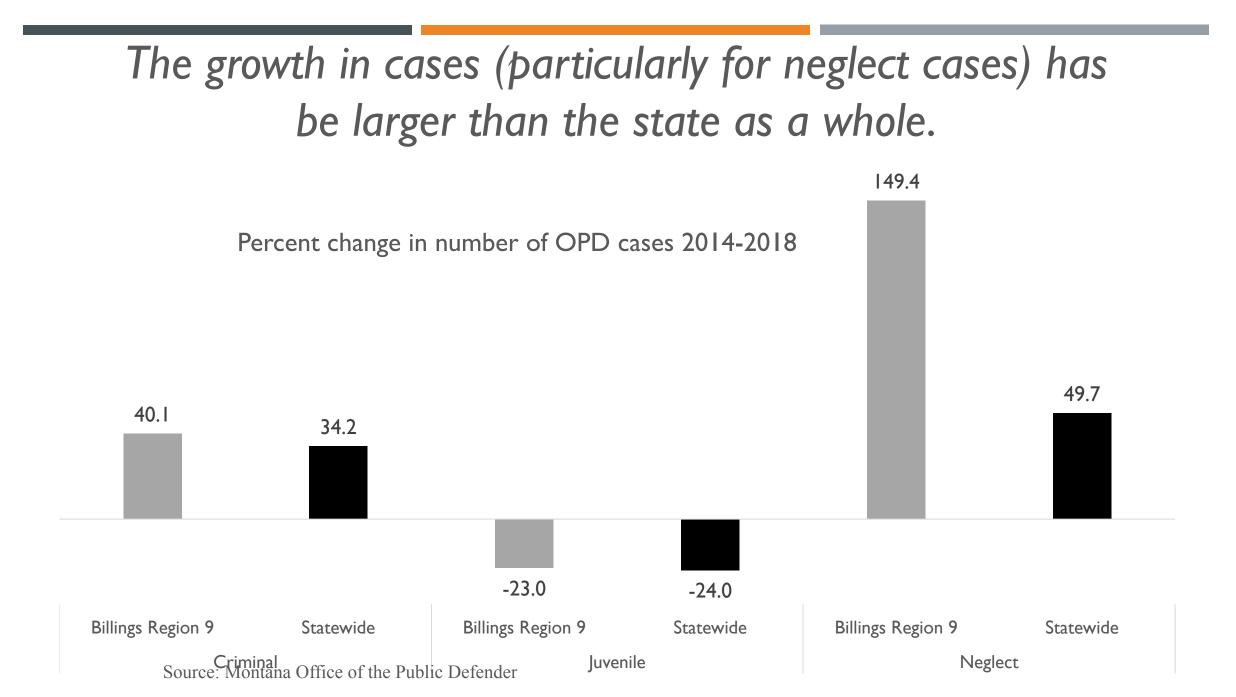
Illicit substances indicated in Yellowstone County Attorneys Dependent Neglect Drug-Related Cases, 2018, Percent



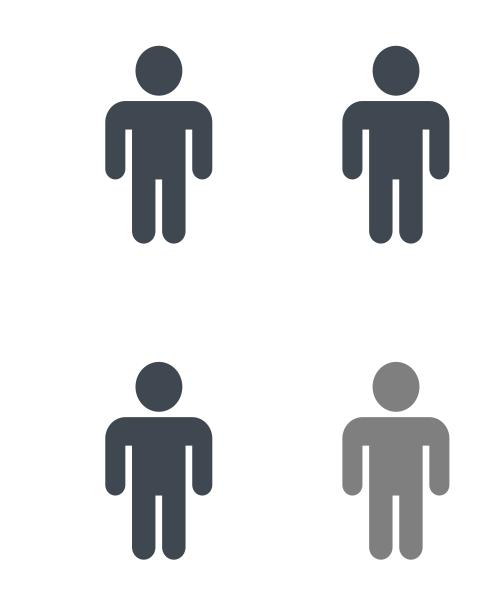
Source: Yellowstone County Attorney's Office



Source: Yellowstone County Attorney's Office



One in four OPD Neglect Cases are in Billings Region



What does the research say about the link between methamphetamine use and child welfare involvement?

PARENTS REPORTING ABUSE OF METHAMPHETAMINE WHOSE CHILDREN ARE IN THE CHILD WELFARE SYSTEM ARE MORE LIKELY TO BE:

White

Female

Have less education

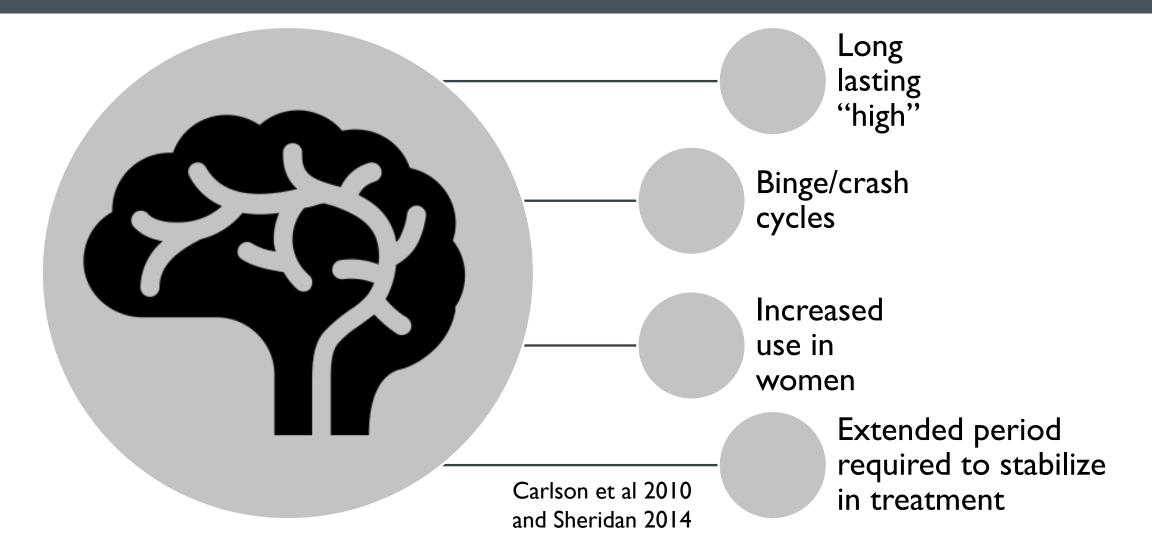
Be unemployed

Children of meth abusing parents are more likely to be placed into out of home care

Not be in a committed relationship

Carlson et al 2010

SPECIAL CONSIDERATIONS FOR METH USE IN CHILD WELFARE



CHILDREN IN THE CHILD WELFARE SYSTEM FROM METH ABUSING HOMES EXPERIENCE

Higher rates of Personal and school related maladjustment

Higher rates of PTSD and trauma symptomology

Lower adaptive and social skills

Sheridan 2014

CONCLUSION

Some indication that meth use creates greater risk for abuse and neglect than other substances

> SUD in general is risk factor for child welfare involvement

More research needed

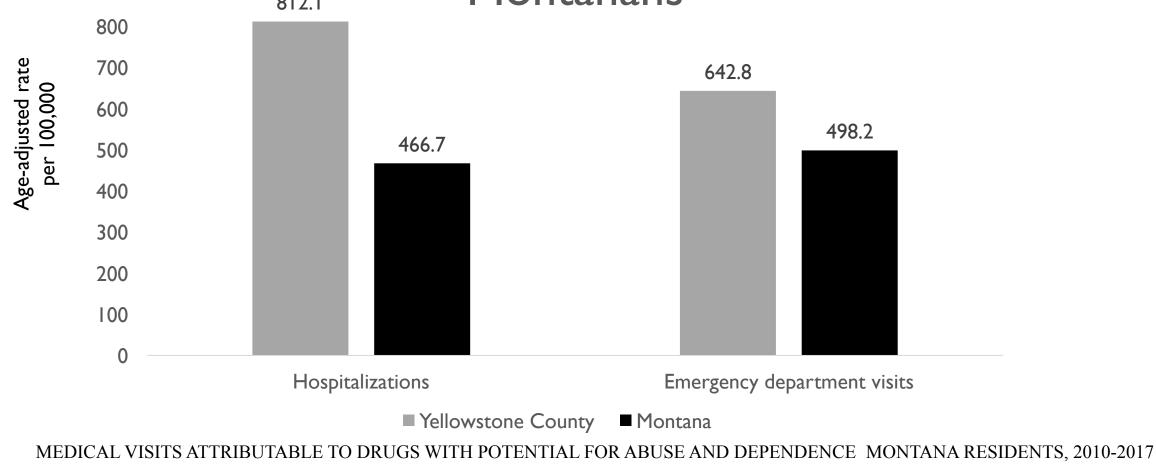
Substance use impacts the health of individuals in our community.

Drug overdose is the 10th leading cause of death in Yellowstone County

Cirrhosis / Liver Disease is the 12 leading cause of death

Source: Montana Vital Statistics

Yellowstone County Residents are more likely to be hospitalized or visit the ER for drug use than other ⁹⁰⁰ 812.1 Montanans

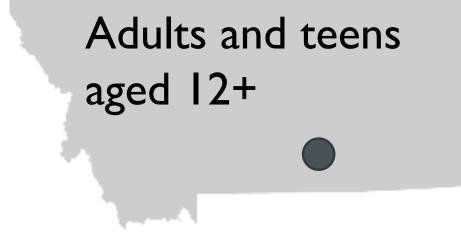


Source: Montana Hospital Discharge Data System, DPHHS

Our community is served by a number of effective treatment providers, both inside and outside the justice system, but they do not have the capacity or funding to meet the volume or severity of treatment needs. Individuals with lived experience with SUD believe we need more robust, communitybased treatment opportunities, especially for mothers with young children.

10,800

Need but are not receiving treatment for substance use

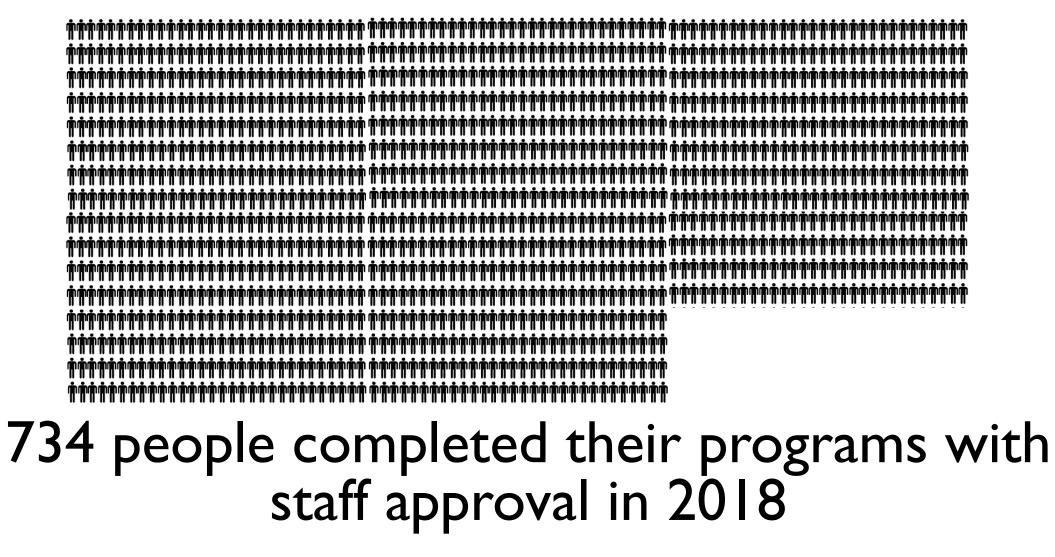


Source: Estimate based on National Survey on Drug Use and Health, 2015-2016

3,500

Need but are not receiving treatment for illicit drug use

Rimrock admitted 1337 individuals in 2018



DRUGS OF CHOICE FOR RIMROCK CLIENTS

Alcohol

Methamphetamine

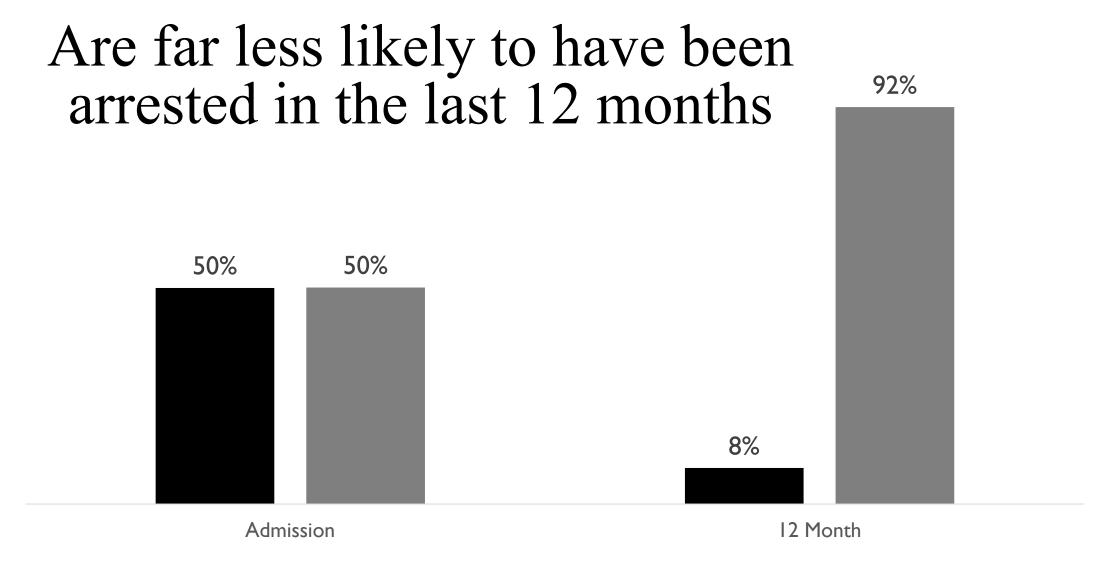
Marijuana

Heroin

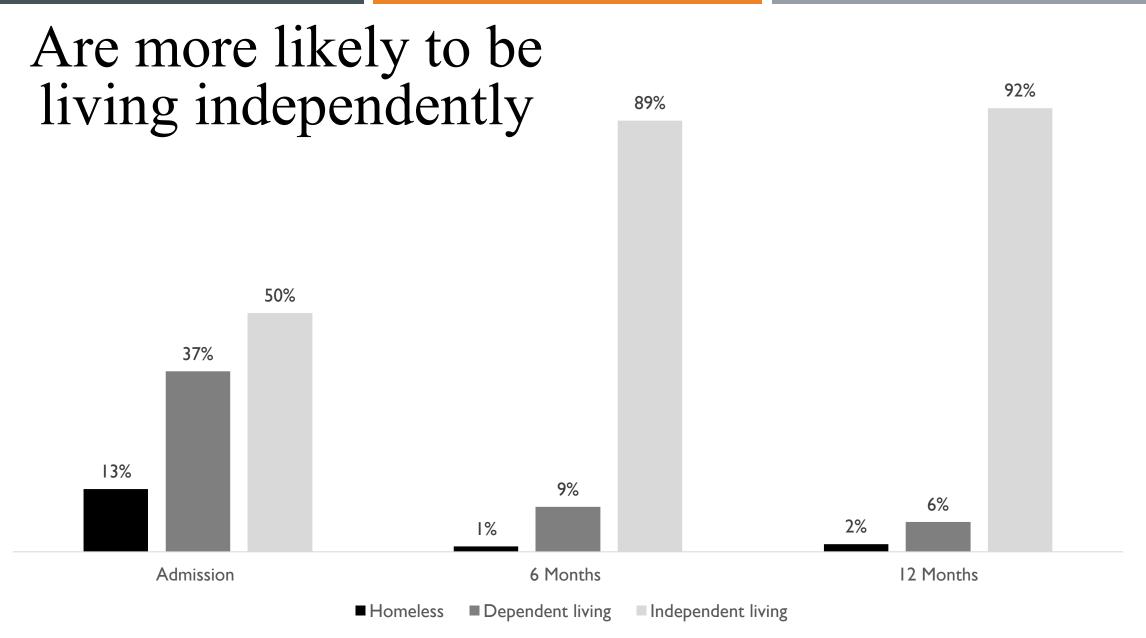
3

Source: Rimrock 2018 Annual Report

Rimrock patients who complete treatment...

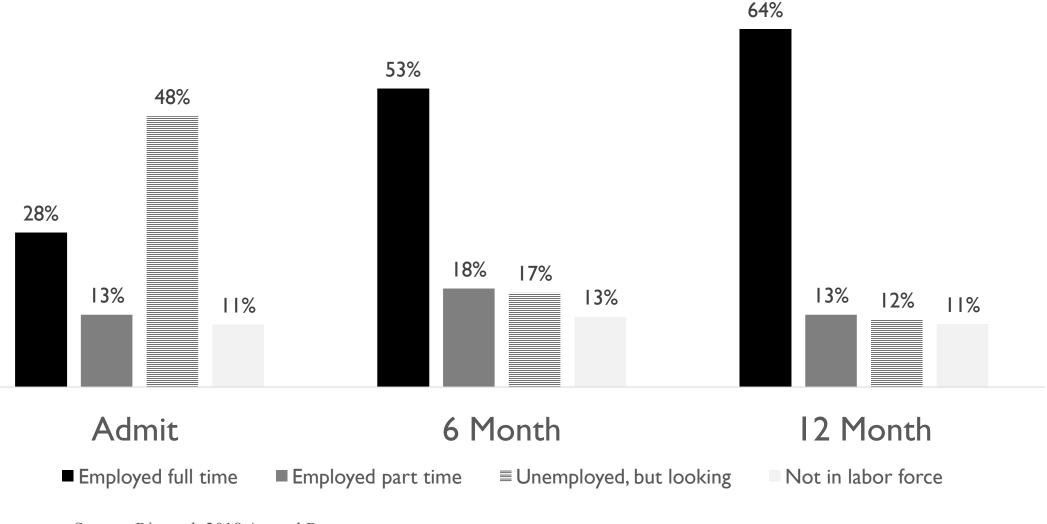


■ Yes ■ No



Source: Rimrock 2018 Annual Report

Are more likely to be fully employed



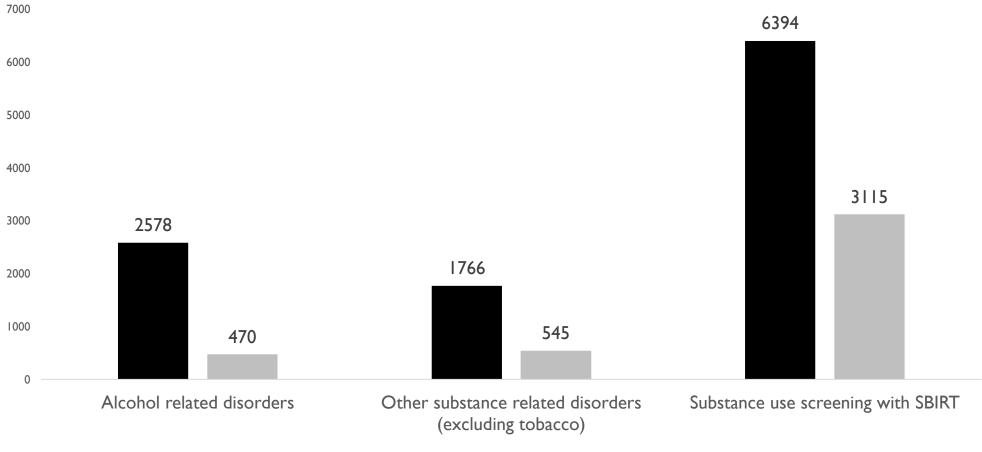
Source: Rimrock 2018 Annual Report

Focus Groups: Suggestions for Improving Treatment

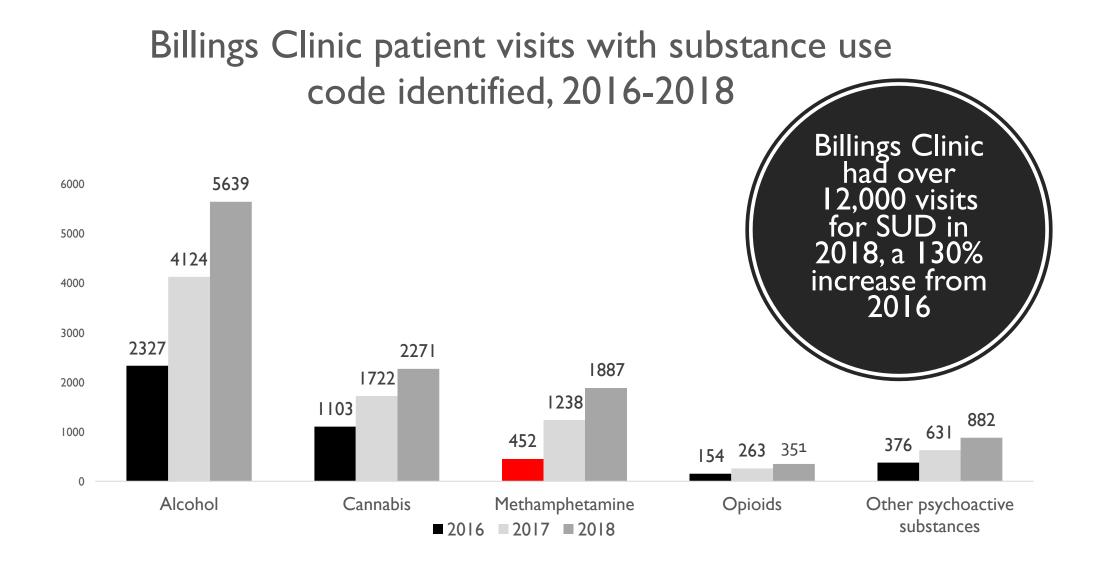
- Need long enough treatment for meth to clear your mind and begin to engage.
- Repeated support for community-based treatment and long term support to maintain sobriety
 - "In the in-patient environment, I didn't learn how to deal with my triggers."
 - "I need to learn how to live and be sober"
- Need to shorten wait times to enter treatment:
 - "During the wait for treatment, either jail or death are the only options"

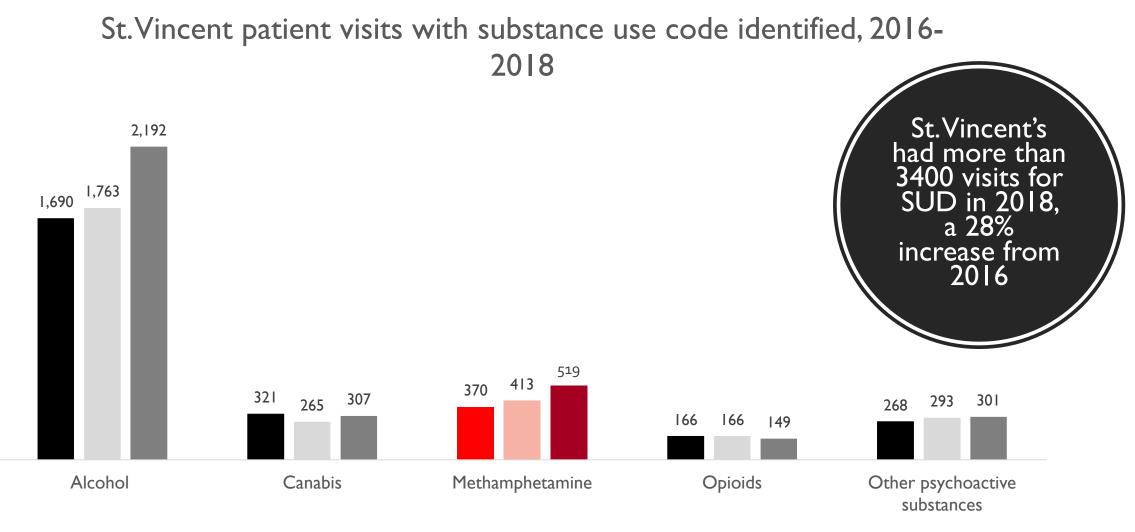
New and innovative models are emerging to reduce barriers to treatment including integrating behavioral health into primary care models and development of an array of drug treatment courts that provide necessary wrap-around and support services for individuals with SUDs in the justice system.

RiverStone Health Substance Use Services 2018

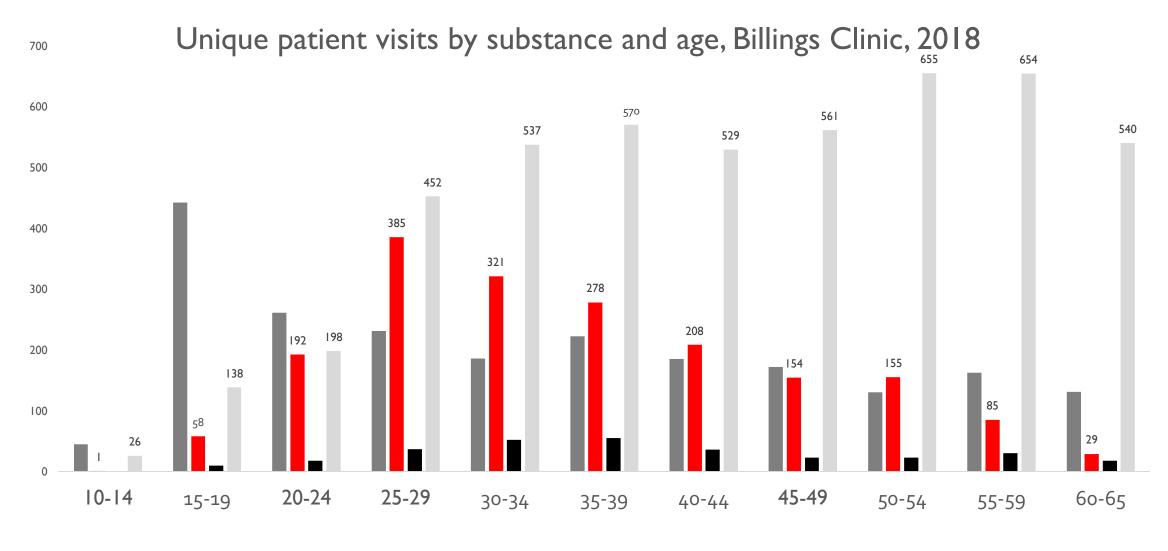


Number of visits by diagnosis, regardless of primacy (2018)
 Number of patients with diagnosis (2018)

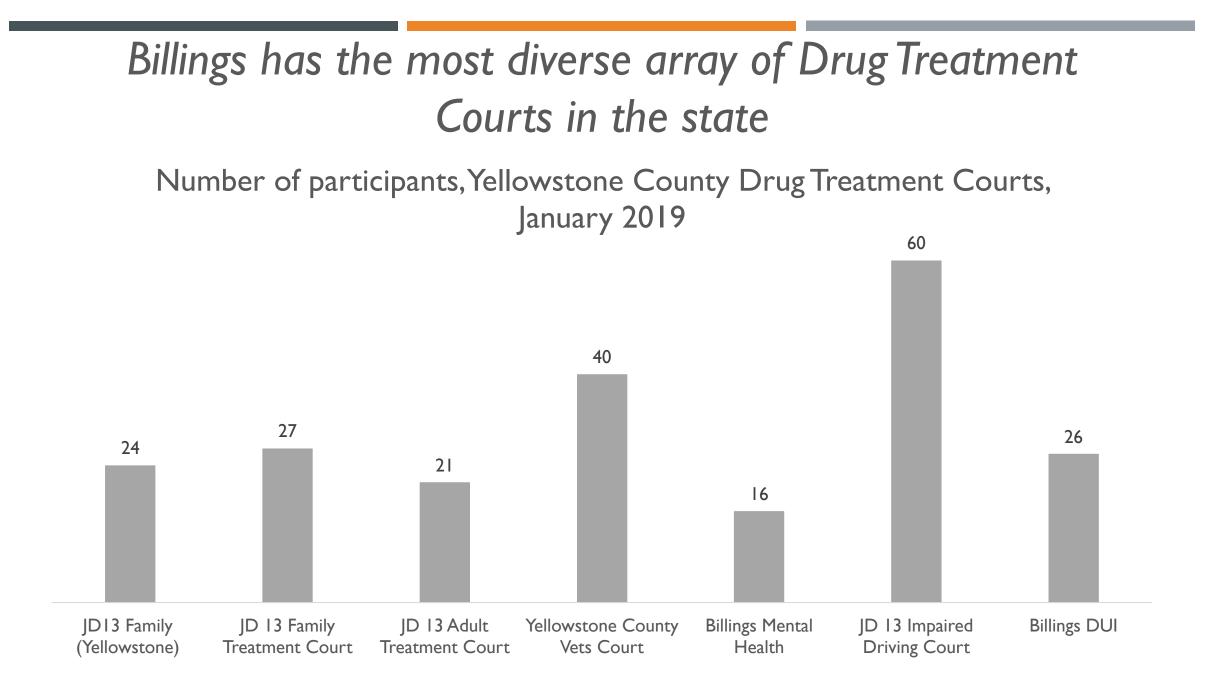


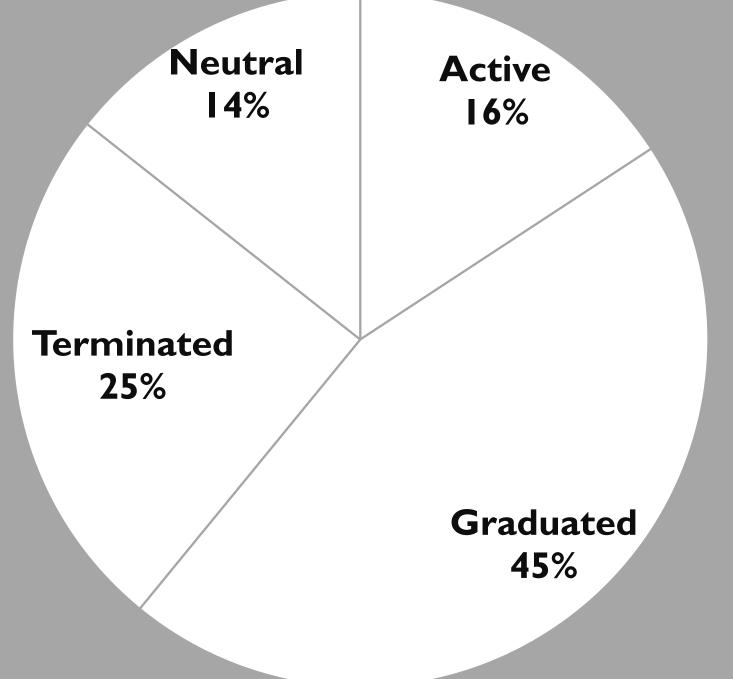


■ 2016 ■ 2017 ■ 2018

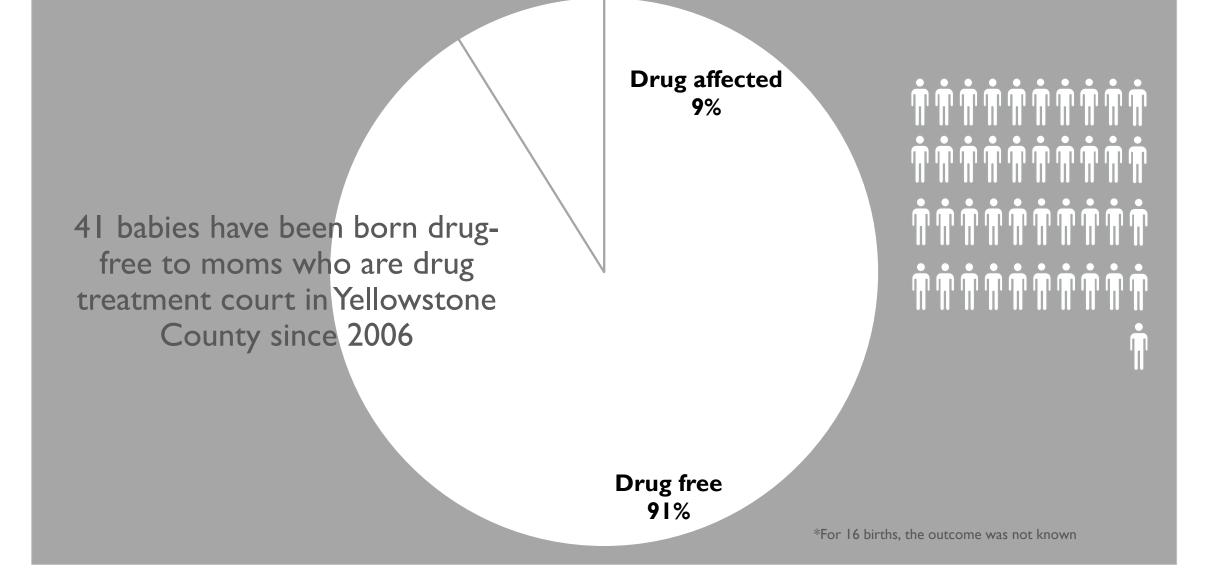


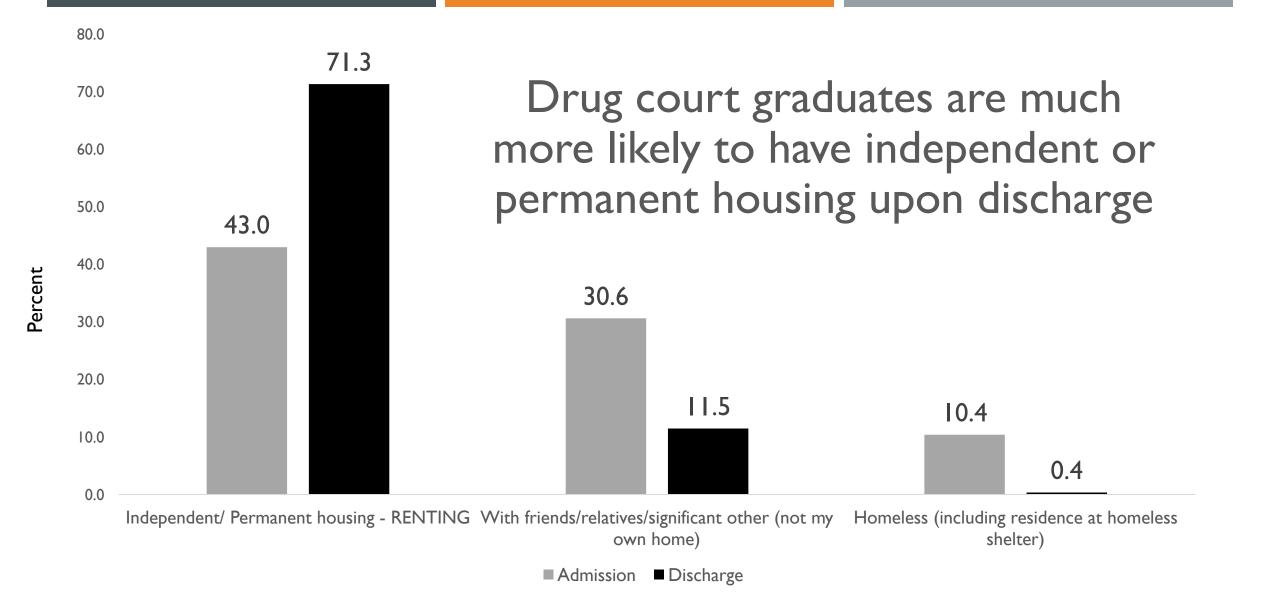
■ Cannabis ■ Methamphetamine ■ Opioid ■ Alcohol

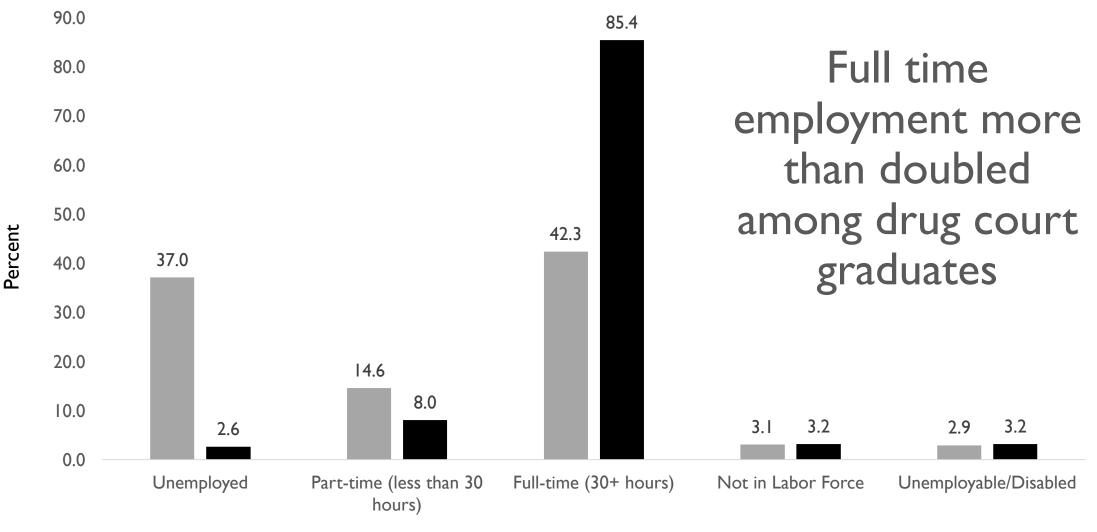




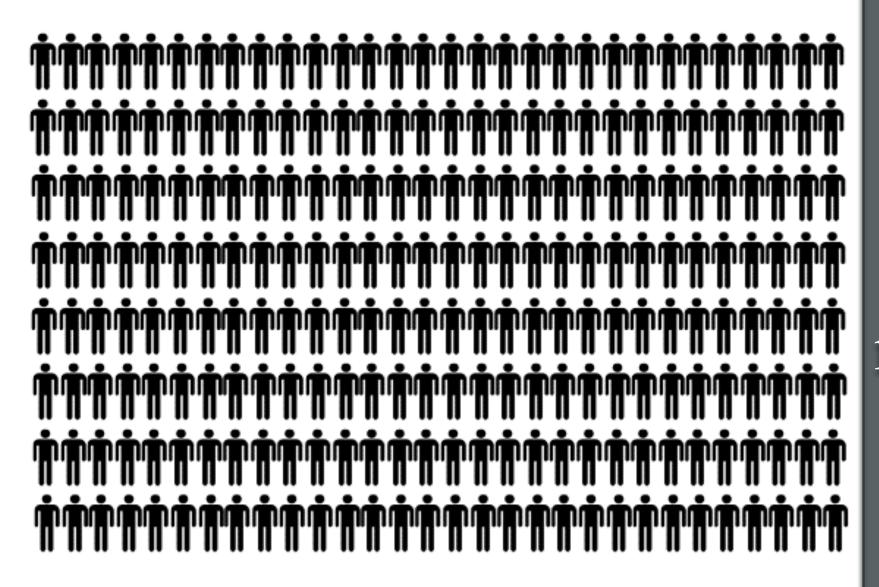
Since 2006, 1217 individuals have entered and 550 have graduated from drug courts in Yellowstone County.







■ Admission ■ Discharge



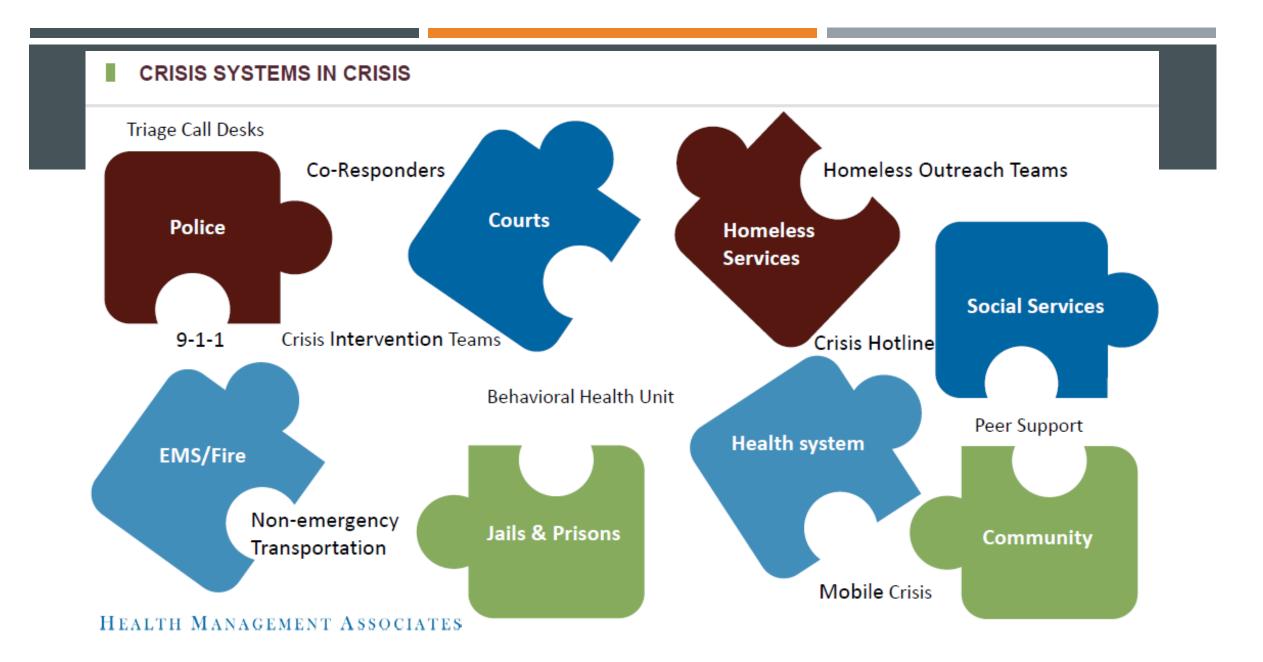
238 Drug Court participants have received their driver's license

Focus Groups: Drug Courts

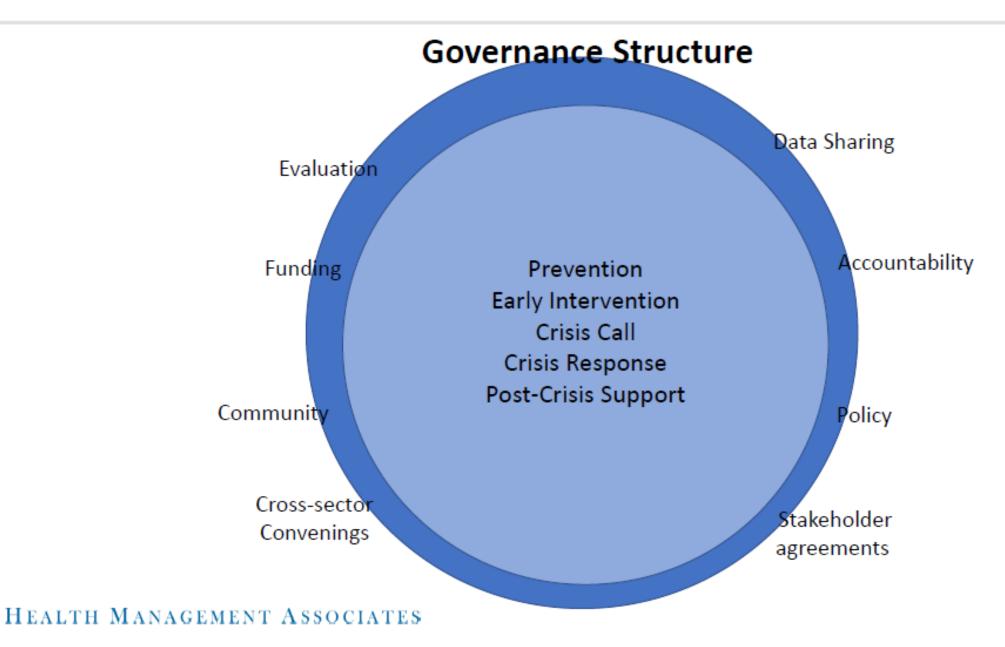
- Drug Courts have realized that addiction is a chronic relapsing brain disease; many of the judges here want their offenders to help build a roadmap to success.
- After awhile I realized that everyone, including the judges, were there to help and to support me; it took a long time for to trust authority and the justice system because they've been on the other side of the law for so long, but the drug courts helped to build that trust.
- Sanctions being appropriate is really key to success. In drug court, if we have a failed UA, we are asked, "How can we better support you and get you additional treatment?"



Why are we here?



THE FUTURE: INTEGRATED BEHAVIORAL HEALTH CRISIS SYSTEMS



WHAT ARE OUR GOALS?



Minimize

• Utilization of high cost/ineffective responses (ambulance, ER, inpatient services, jail, prison)

Maximize

• Appropriate assessment and diversion as early as possible



SEQUENTIAL INTERCEPT MAPPING

WHAT IS SEQUENTIAL INTERCEPT MAPPING? (SIM)

Participatory community process used to more effectively plan for diversion, treatment, management and reentry of people with substance use and/or mental health issues involved in the criminal justice system

WHY SIM?

- The justice system is the defacto behavioral health crisis system in the US
- Individuals with mental health and/or substance use disorders are overrepresented in the justice system

WHAT DOES THE SIM DO?

- Brings together diverse community partners
- To look ACROSS systems
- Identifies "intercept points" within the crisis and justice system for people with behavioral health concerns
- Helps to identify possible diversion points that could be better utilized
- Helps to identify where systems don't connect

WHAT IS THE GOAL OF THE SIM PROCESS?

Develop a justice system model that does not criminalize mental health or substance use disorders, but effectively diverts individuals whose criminal history is secondary to these health issues, to effective treatment and recovery services.

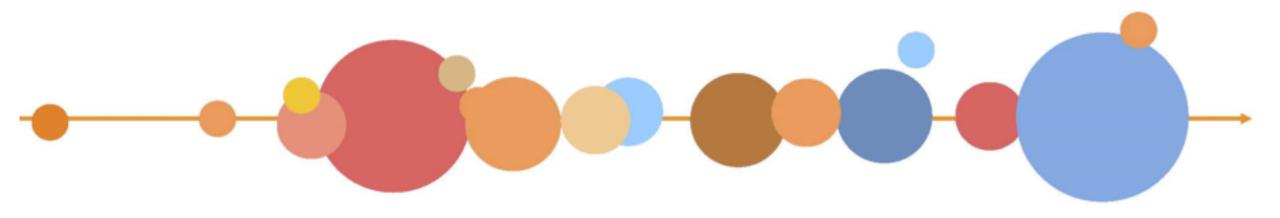
WHAT IS THE GOAL OF THE SIM PROCESS?

Ideally, individuals with behavioral health issues should be represented in the justice system at the same rates as individuals without mental health and/or substance use issues.

What's our challenge?

PROGRAM RICH SYSTEM POOR

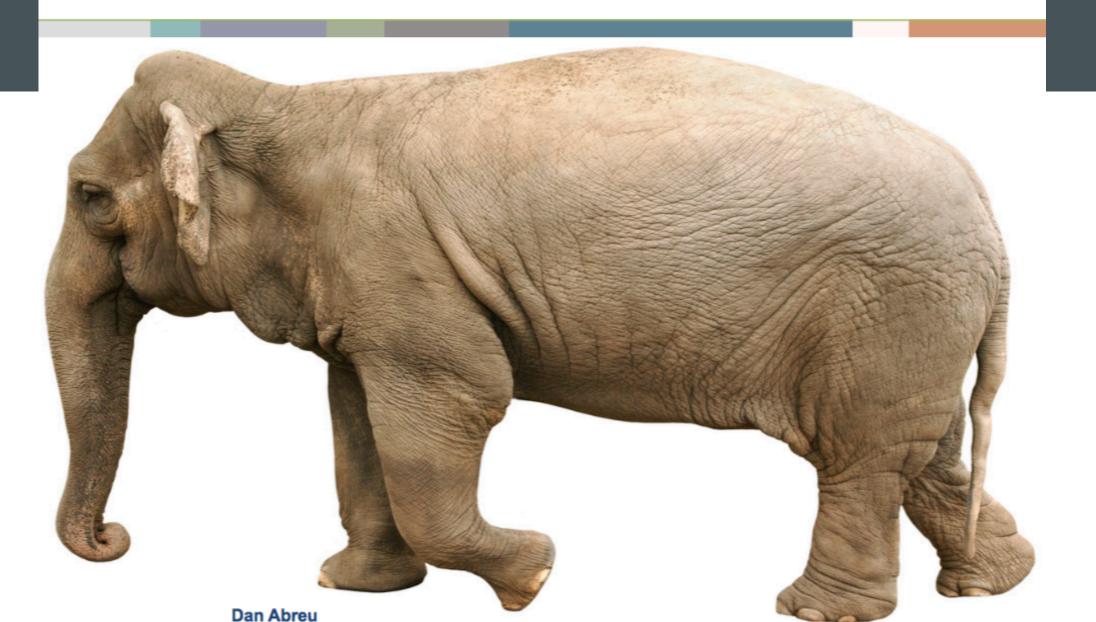
What's our approach?



INCREASED ALIGNMENT COMMUNITY CAPACITY COLLECTIVE IMPACT

Complex problems are systems problems and community problems. They require systems and community solutions

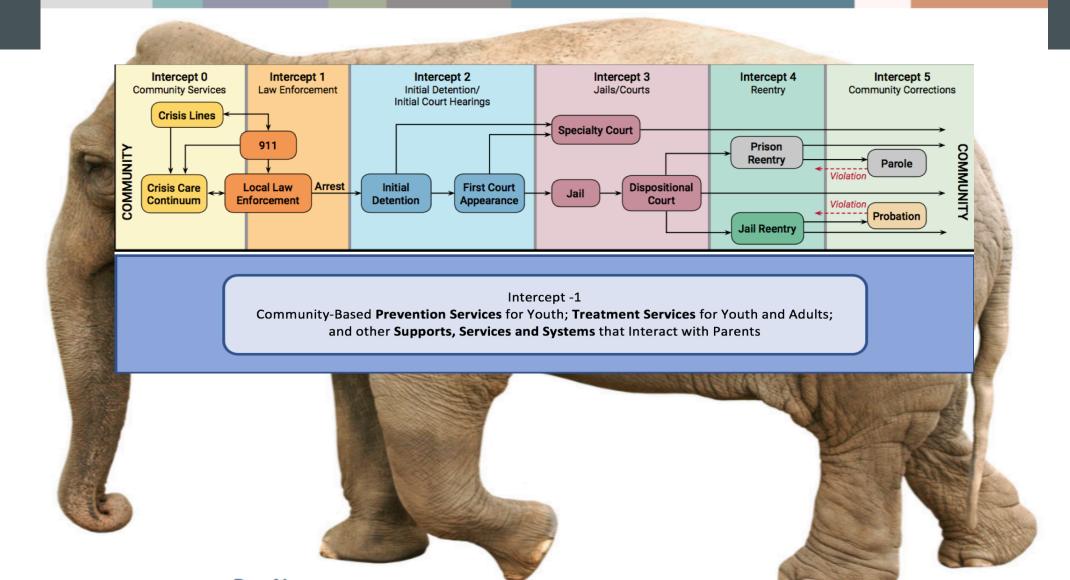
Elephant in the Room



"Unsequential" Model



SEQUENTIAL INTERCEPT MODEL

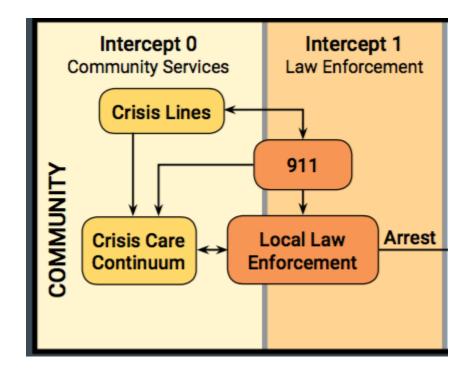


INTERCEPT - I (SUB ZERO)

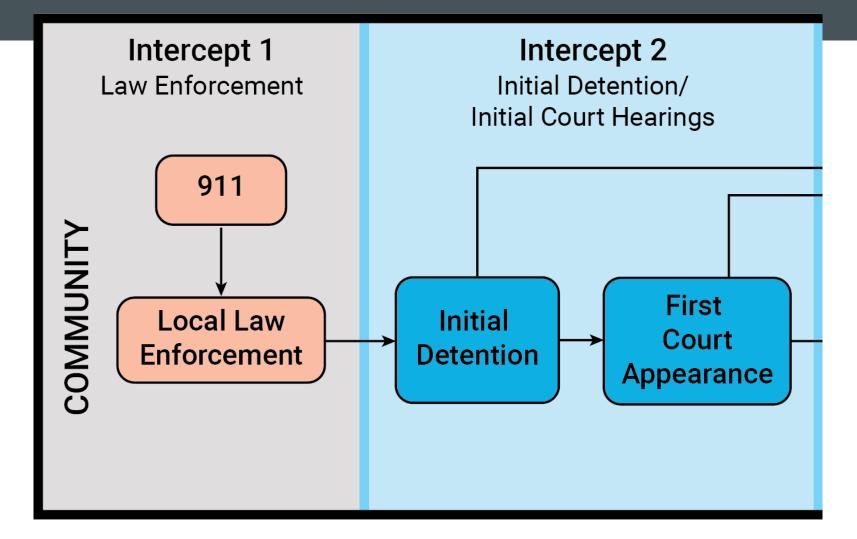
Intercept -1

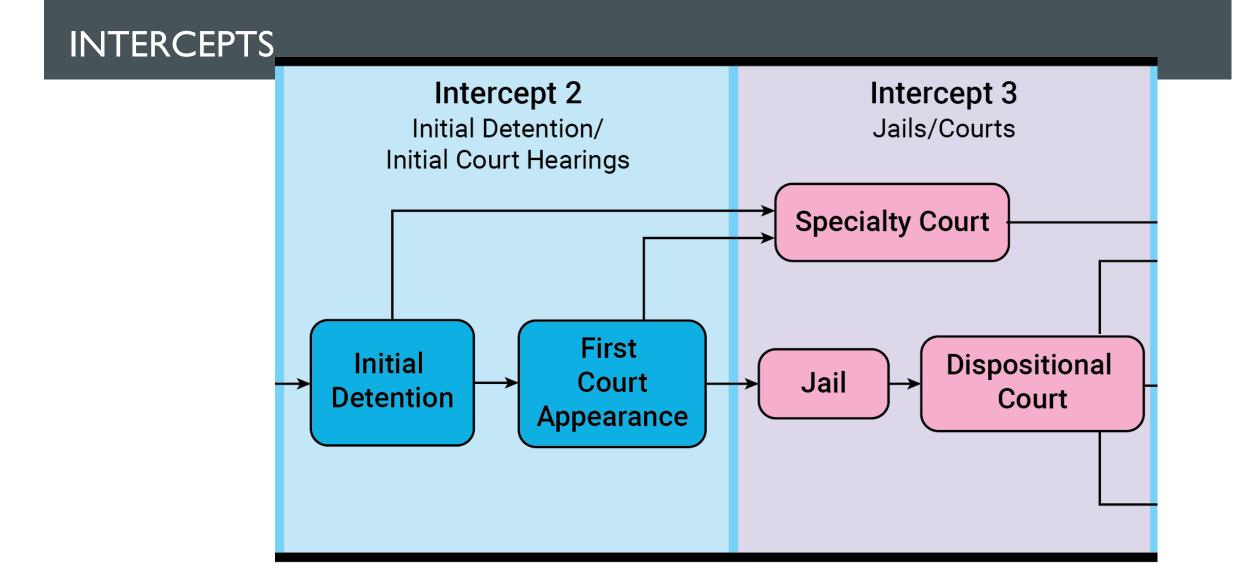
Community-Based **Prevention Services** for Youth Community-Based **Treatment Services** for Youth and Adults Other **Supports, Services and Systems** that Interact with Parents

INTERCEPTS

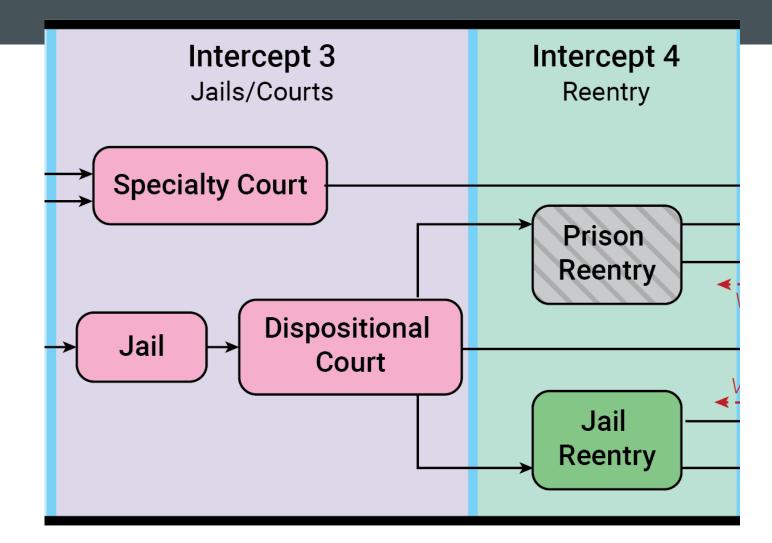


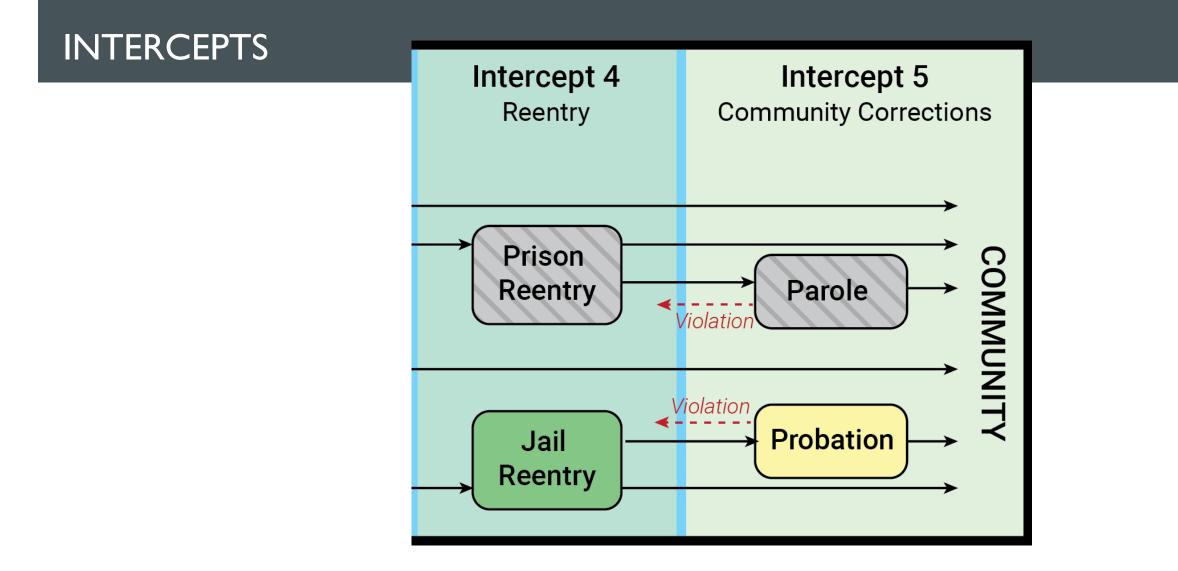
INTERCEPTS



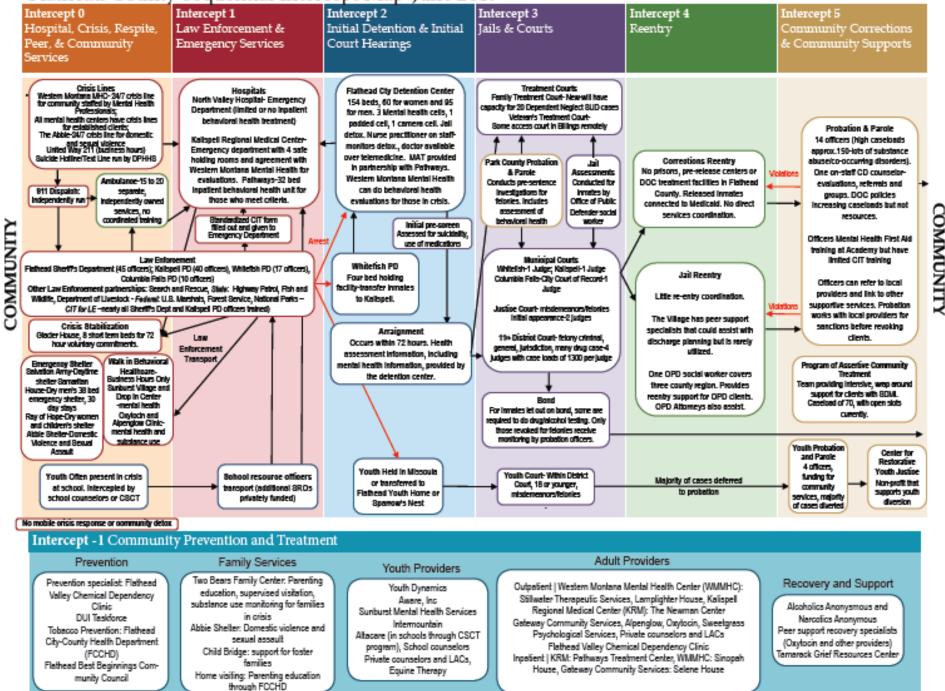


INTERCEPTS



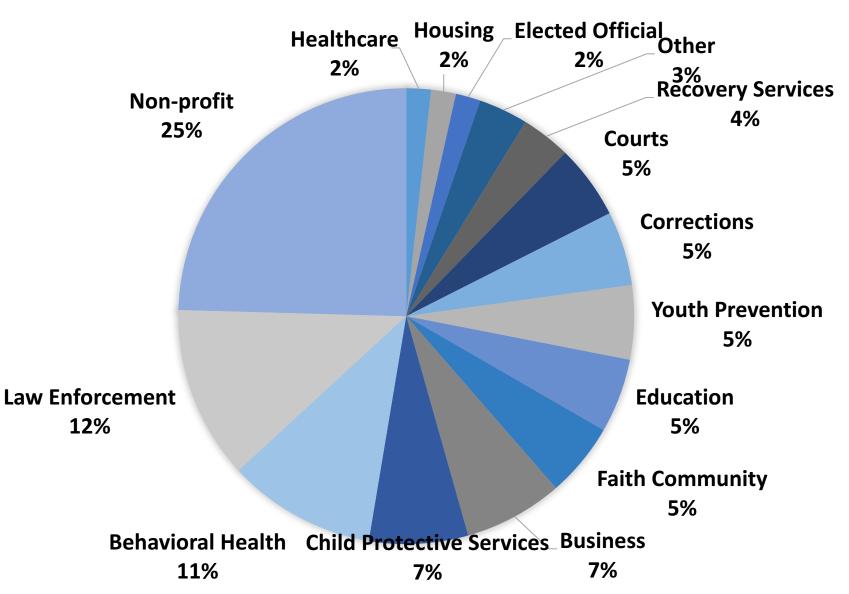








Pre-meeting survey: In which of the following disciplines or sectors do you work? (n=41)



PRE-MEETING SURVEY: CONTINUUM OF SYSTEMS RANKED FROM CONSIDERED MOST EFFECTIVE TO MOST IN NEED OF IMPROVEMENT (N=41)

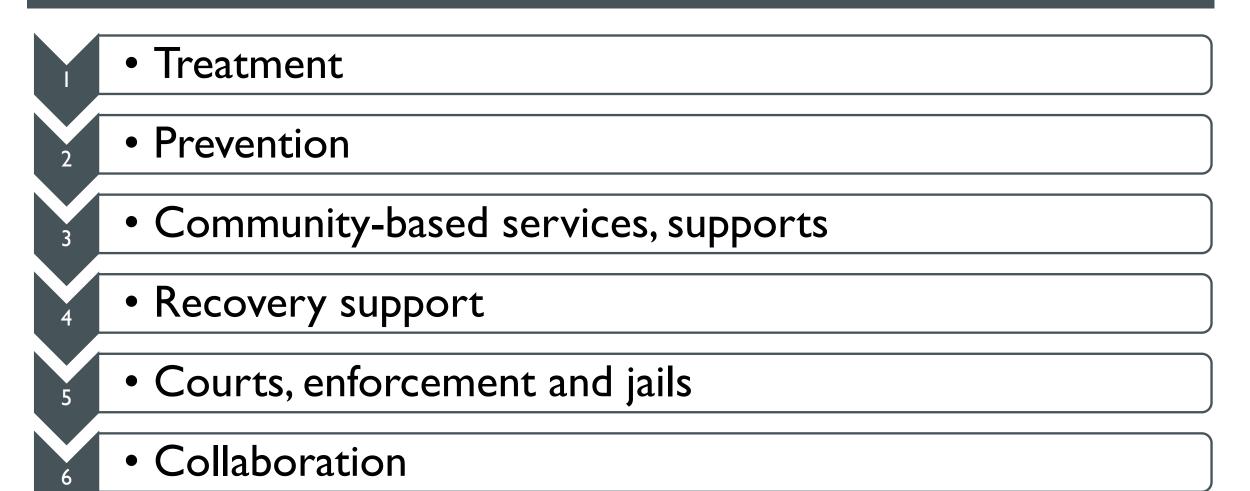
Youth prevention Youth Treatment Adult Treatment, Community-based services (Intercept -1)

Jails, Courts (3) Crisis (0) Law Enforcement (1) Initial Detention, Courts (2) Reentry (4) Corrections (5)

Most in need of improvement

Most effective

IF YOU COULD CHANGE ONE COMMUNITY SERVICE, STRENGTHEN ONE SYSTEM COMPONENT OR IMPROVE ONE POINT OF COORDINATION – <u>TO REDUCE SUD...</u>



TREATMENT

Additional services, easier access

- Longer-term services
- Options for youth treatment
- Family treatment settings to keep families intact
- Services targeted toward young adults/parents

Increased MAT availability

Simultaneous treatment for co-occurring mental illness and SUD

Earlier intervention/treatment of root causes

More integrated and trauma-informed approaches

PREVENTION

Prevention programs and services in multiple venues

- Early childhood settings
- Schools
- Churches
- Home-visiting programs

Increased focus on building resiliency and social/emotional skills

Increased focus on trauma-informed approaches

COMMUNITY-BASED SUPPORTS

Services for children who live in homes where use is normalized

Increased CPS cooperation and involvement in SUD-related issues

Supported employment

Safe, accessible housing

Increased focus on trauma-informed approaches

RECOVERY SUPPORT

Peer-to-peer support

Safe secure sober housing

Increased opportunities for social connection

COURTS, ENFORCEMENT, AND JAILS

More drug courts

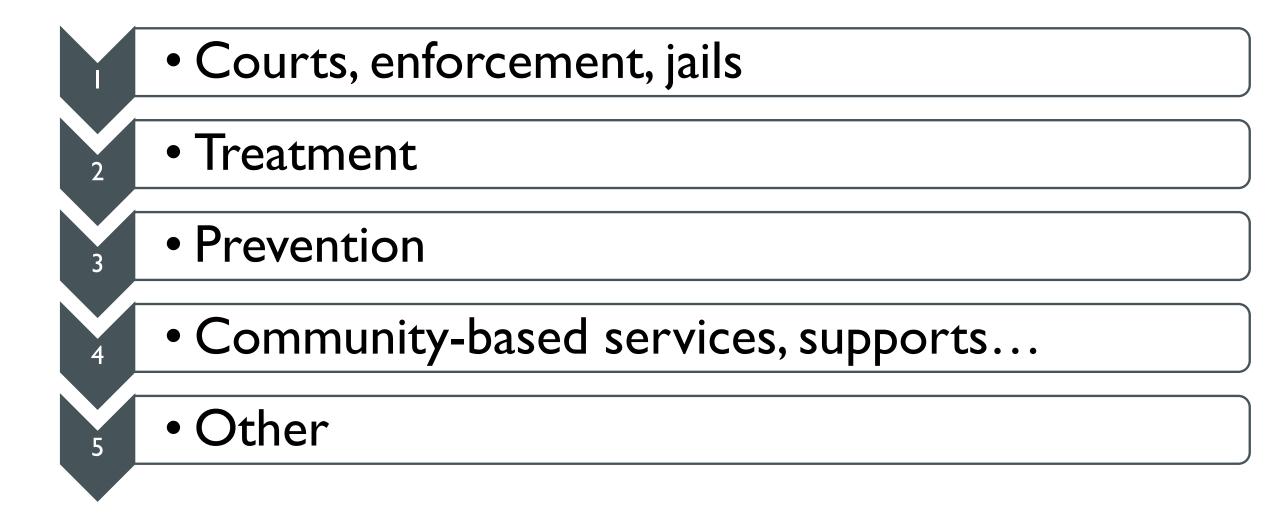
Pre-sentencing programming and supervision for low-level, low-risk offenders

More jail space for repeat offenders

Target dealers

Collaboration – increase among community agencies and organizations

IF YOU COULD CHANGE ONE COMMUNITY SERVICE, STRENGTHEN ONE SYSTEM COMPONENT OR IMPROVE ONE POINT OF COORDINATION – <u>TO REDUCE METH-RELATED VIOLENCE</u>



COURTS, ENFORCEMENT, AND JAILS

Increased resources for law enforcement and jails

- at all levels
- to deal with trafficking

Decrease supply/availability

Data-driven policing with increased capacity to respond to crime trends

Harsher sentencing guidelines

TREATMENT

Forced MAT when deemed necessary/appropriate

Longer mandated treatment

PREVENTION

Prevent initiation of alcohol use – educate about link with meth use

Prevention programs for those at risk for using meth, becoming violent – not necessarily youth



Questions?



Individual Experience Maps



Where did the system fail them?







Strengths, Weaknesses, **Opportunities** and Threats at each intercept



QUESTIONS? POINTS FOR ACTION?

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