Substance Use Disorder trends in Minnesota
“Fathers Summit, February 2019”

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Please remember...

• These are not just numbers, they are People...
Primary Substance at Admission to SUD Treatment Services for Adults CY1995 - CY2017

* Alcohol not included in chart.

Source: Minnesota Department of Human Services, ADATO, DIANES (4/26/2016)
Who are we, Minnesota?

% of total population, July 1, 2015

- white: 81%
- black: 2.1%
- AI: 0.04%
- Asian: 5.8%
- NH/PI: 1.1%
- Hispanic: 4.8%
- two or more: 0.81%

What we give our children, we give our grandchildren.....
Chemical Dependency Treatment Rates, Heroin, for Minnesota Residents

Rate per 1,000 Population

Admission Year

0.49 0.49 0.49 0.42 0.28 0.26 1.06 1.33 2.09 2.09 3.89 8.09 10.79 13.21 19.11 24.30 29.93


American Indian  Non-American Indian

Minnesota Department of Human Services, BHD, DAANES (4/20/2018)
Chemical Dependency Treatment Rates Methamphetamine for Minnesota Residents

Rate per 1,000 Population

Admission Year


American Indian  Non-American Indian

Minnesota Department of Human Services, BHD, DAANES (4/20/2018)
Admissions to chemical dependency treatment by primary substance residents of Reservations in MN, by CY, by %
What we teach our children, we teach our grandchildren.......
Heroin, other opioid and methamphetamine growth in Minnesota,
by county of residence at time of admission by the primary drug of use being heroin, other opioid, or methamphetamine
by calendar years 1995-2017,
controlled for in incidents per 1,000 of general population
All slides transition by calendar years
Growth patterns, showing increase and decline in three major substances

Including injection drug use as a route of administration......
Primary Substance of Heroin, other opioids, or methamphetamine at Admission to

* Alcohol not included in chart

Source: Minnesota Department of Human Services, BHD, DAANES (9/11/2018)
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Primary Substance of Heroin, other opioids, or methamphetamine at Admission to

- Methamphetamine
- Heroin
- Other Opiates
- Injection Drug Use

* Alcohol not included in chart

Source: Minnesota Department of Human Services, BHD, DAANES (9/11/2018)
Heroin as primary substance
Here’s the basic rule of thumb...
The darker the color, the more people living in that county seeking treatment admission.
CY2014 Heroin SUD Admission Rates

Heroin Admissions
Rate per 1,000 Population

- 0.04 - 0.50
- 0.51 - 1.50
- 1.51 - 2.50
- 2.51 - 6.00
- 6.01 - 9.83

Source: Minnesota Department of Human Services, BCD, DASHES (5-12/2015), Data Submission 5/20/15
CY2015 Heroin SUD Admission Rates

Source: Minnesota Department of Human Services, MCHD OAKES (8/7/2015); Date Estimation 5/5/2015
methamphetamine as primary substance
If you were wondering
If the use of syringes has declined in Minnesota..
Syringe use growth from 2007-2017
Epidemic
adjective
ep·i·dem·ic | \\ˌe-pə-'de-mik\
Definition of epidemic
1 : affecting or tending to affect a disproportionately large number of individuals within a population, community, or region at the same time typhoid was epidemic
2a : excessively prevalent
b : contagious sense
3 : characterized by very widespread growth or extent : of, relating to, or constituting an epidemic the practice had reached epidemic proportions

SOURCE https://www.merriam-webster.com/dictionary/epidemic
Remember, all these numbers you see here.....
Are real people....
Any Questions?
WHY?
This infographic focuses on the rates (per 100,000) of drug poisoning deaths of adolescents and young adults ages 10-24 from 2014-2016.
Drug poisoning is an improper use of illicit drugs or medicine that is either prescribed or over-the-counter.

Nutt, D; King, LA; Saulsbury, W; Blakemore, C (2007). "Development of a rational scale to assess the harm of drugs of potential misuse". Lancet 369 (9566): 1047–53
tachyphylaxis

$\bar{x}$

$3x$

$2x$

$1x$

$T_{1/2}$

LD$_{50}$

ED$_{50}$

TW
Intoxication/Withdrawal
“Speedballing”

“Your livin' harder, yeah, harder than you know
Tell me, how fast,
Can ya burn?,
And how far can ya go?”

-Zakk Wylde “What You’re Look’n For”
Tradition is prevention, culture is treatment
Canku luta omani