Objectives - OUD, HIV, Syphilis in MN

- Introduction to Healthcare for the Homeless (HCH)
- Overview of HCH Hepatitis Clinic and Drug-Related Infectious Disease (DRID) response
- Overview of HIV outbreak, increased Hepatitis C and Syphilis among people who inject drugs and/or experience homelessness
- Overview of harm reduction, unsheltered homelessness – expansion of outreach, care coordination, and relationship-based care
- Overview of OUD/overdose, injection drug use – impacts and implications (data gap)

Amy Gordon, DNP, NP-C
Sarah Jane Keaveny, RN/PHN

1/17/2022 - MN Viral Hepatitis ECHO
Healthcare for the Homeless – Hepatitis C cure

- Healthcare for the Homeless – Hennepin County Public Health (triage – 612.348.5553)
- Endeavors Clinic
  1009 East 14th St
  Minneapolis, MN 55404
  612.543.2218
- Wednesdays: 8:00 – 12:00 and 1:00 – 4:00 PM
- Multidisciplinary Team: Amy Gordon, DNP, NP-C, social services, mental health, primary care, syringe services, MNsure navigator, and housing supports
- Care Coordination: relationship-based care, mobile/outreach, case management, community-based engagement.
Health Care for the Homeless – Drug-Related Infectious Disease

Hepatitis A Outbreak Response: resolved

HIV Outbreak Response: Dedicated RN, social worker, and case management assistant. Part time NP to prescribe rapid ARTs, provide primary care, and bridge gaps in specialty care.

• **PrEP**: Low barrier street-based PrEP pilot, no clinic visit necessary.

• **Mobile Syringe Services**: naloxone, harm reduction education, overdose prevention, and injection care.

• **Complex Infections** (abscesses, cellulitis, endocarditis, sepsis): street outreach team, coordination with hospitals at time of discharge or self-directed discharge. STI, syphilis, and Hepatitis A, B, C.

• **Buprenorphine**: MAT started 1/2020 on street outreach, 10/2020 expansion into routine medical care in clinics (currently 10 waivered prescribers). LADC available for counseling and connection to treatment.

• **Increased impact in unsheltered population**: Increased medical and mental health street outreach teams.
Persons Living with Chronic HCV in MN by Race Rates (per 100,000 persons*), 2018

*Rates calculated using 2017 U.S. Census ACS data. Excludes persons with multiple races or unknown race, n=10,990.
Persons living with HCV by race rates (per 100,000 persons)

- American Indian/Alaskan Native: 6,669
- Black/African American: 1,613
- All Races: 749
- White: 409
- Asian/Pacific Islander: 301

Rates calculated using annual U.S. Census ACS data. Excludes persons with multiple races or unknown race.
On 1/9/20, MDH notified Hennepin County Epidemiology and leadership of an outbreak of HIV in Hennepin County among persons who inject drugs (PWID).

This outbreak was identified using a program that analyses HIV surveillance data. The outbreak designation is defined by CDC.

MDH also reported a similar outbreak in Ramsey County with four cases and a link between a Hennepin County and a Ramsey County case.

**Persons likely to be at high risk include:**

- Sex partners or syringe-sharing partners of people known to be living with HIV.
- PWID and their sex partners and needle/equipment sharing partners.
- Persons who exchange sex for income or other items they need.
- Persons who have experienced or are currently experiencing homelessness.

Within this network there was recently an outbreak of Hepatitis A (now resolved), elevated rates of Hepatitis C, soft tissue infections, hospitalizations for systemic infections, and rapidly increasing cases of syphilis.

[HIV Outbreak Response and Case Counts - MN Dept. of Health (state.mn.us)](https://www.state.mn.us/depts/dhhs/healthoutbreaks/hiv-outbreak-response-case-counts)
Hennepin County HIV outbreak cases over time – link to IVDU
Newly Acquired HIV with IVDU as risk factor

As of Dec. 13, 2022
Data are preliminary and may change as reports are received.

<table>
<thead>
<tr>
<th>Outbreak</th>
<th>Counts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Encampment-Related HIV Outbreak</td>
<td>70</td>
</tr>
<tr>
<td>MSM/IDU &amp; IDU Non-Encampment HIV Outbreak</td>
<td>84</td>
</tr>
</tbody>
</table>

Metro area HIV outbreak cases and HIV diagnosis date

![Graph showing monthly and cumulative case counts over time.](image)

![Map showing locations of case counts.](image)
Primary & Secondary Syphilis Rates by Race/Ethnicity
Minnesota, 2011-2021

[Graph showing syphilis rates by race/ethnicity from 2011 to 2021]
Opioid Overdose Deaths

Opioid-involved overdose deaths have increased in Minnesota since 2000.


54 90 93 106 135 145 155 180 226 277 291 293 306 317 336 395 422 343 427 678

Download data  Drug Overdose Data Sources
Source: Minnesota death certificates

Drug Overdose Dashboard - MN Dept. of Health (state.mn.us)
In 2021 the drug overdose mortality rates increased dramatically for American Indian and African American Minnesotans, widening the disparity in drug overdose mortality rates by race.

- SOURCE: Minnesota death certificates, Injury and Violence Prevention Section, Minnesota Department of Health, 2018-2021

*NOTE: 2021 data are preliminary and likely to change when finalized.

Drug Overdose Dashboard - MN Dept. of Health (state.mn.us)
Resources - links

Chronic Hepatitis C Infection Statistics - MN Dept. of Health (state.mn.us)
- MDH - infectious disease, viral hepatitis

HIV Outbreak Response and Case Counts - MN Dept. of Health (state.mn.us)
- MDH – HIV outbreak information

stdreport.pptx (live.com)
- MDH – STD surveillance report – syphilis

Drug Overdose Dashboard - MN Dept. of Health (state.mn.us)
- MDH – opioid dashboard

Health Care for the Homeless | Hennepin County
- HCH – hours and services
<table>
<thead>
<tr>
<th>Day</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
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<tbody>
<tr>
<td></td>
<td>1pm-3:30pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
<td>1pm-3:30pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
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<td>1pm-4pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
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<tr>
<td></td>
<td>11:30am-2pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
<td>2pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
<td>2pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
<td>11am-5pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
<td>11am-5pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
<td>11am-5pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
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<tr>
<td></td>
<td>1pm-5pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
<td>Smoking supplies available but limited</td>
<td>Smoking supplies available but limited</td>
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<td>8am-4pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
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<td>8am-4pm S/W/N/HIV/HCV/F/M Hep A vaccines available</td>
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<tr>
<td></td>
<td>11:30am-1:30pm @ The St Paul Opportunity Center</td>
<td>1:30pm Mobile Outreach S/W/N/HIV/F</td>
<td>1:30pm Mobile Outreach S/W/N/HIV/F</td>
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**Syringe Access and Disposal - MN Dept. of Health (state.mn.us)**

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