
IMPROVING VIRAL LOAD EQUITY FOR PEOPLE EXPERIENCING HOMELESSNESS & COORDINATION OF LONG-ACTING INJECTABLE ART EARLY IMPLEMENTATION

MAY 13TH, 2024



QI GOAL AND BASELINE DATA – 2022-2024 GOAL FOR PEH

REDUCING HIV-RELATED DISPARITIES IN HEALTH OUTCOMES AMONG PEOPLE EXPERIENCING HOMELESSNESS AND HOUSING INSTABILITY

Long Term Goal: Close gap in VL suppression rate to **0.0%** when comparing VL rates for people experiencing homelessness and/or housing instability to overall VL suppression rate in each program

Calendar Year 2024 Goal: Aim a little above current average VL suppression rate to reach **87.0%** by December 31, 2024

2024 LONG-ACTING INJECTABLE ANTIRETROVIRAL TREATMENT (LAI-ART) QI PROJECT METRICS

- **Metrics Proposed**

- Hepatitis B screening rate for new LAI-ART Starts (numerator is screening rate of Hep B test within 6 months prior to LAI-ART initiation, denominator is LAI-ART starts in previous 12 months) - note, exemption from denominator if Hepatitis B diagnosis in chart
- Viral Load Suppression (VLS) rate for people on LAI-ART at any point in previous 12 months
- VLS for people on LAI-ART who were suppressed on oral medication prior to LAI-ART initiation
- VLS for people on LAI-ART who were *not* suppressed prior to LAI-ART initiation
- Percentage of LAI-ART injections falling in injection window (within one week before or after of planned injection date)
- *Discuss idea to add an additional metric of percentage of LAI-ART injection within 14 days of the due date - since after 14 days someone needs to re-initiate the sequence and there are some clinical implications*

Q&A AND INVITATION TO ATTEND JULY QI MEETING

- Questions?
- Comments/Ideas?
- July 11th, 11:00-12:00 all of the groups participating in this project, plus a few other relevant public health personnel will be attending the next meeting with updated data from this group
 - HCH CAB Members are invited to attend if this is of interest
 - HRSA particularly encourages consumer input into quality improvement work to ensure high quality and high impact work

DEFINITION FOR PEOPLE EXPERIENCING HOMELESSNESS AND HOUSING INSTABILITY VL EQUITY PROJECT – EPIC DATA

- People Experiencing Homelessness (PEH) and Housing Instability **In Epic**

Living Arrangement categories **included** from Epic data:

- Living Outside (Street / Vehicle / Makeshift)
- Shelter / Navigation Center
- Residential Treatment / Jail – will exit homeless
- Stabilization Room / Hotel / SRO
- Temporarily with Friend / Family

Not Included from Epic data:

- Permanent Supportive Housing
- Rent Unit with Support Services Onsite
- Residential Treatment / Jail – will exit housed
- Rent or Own
- Unknown
- Blank

Classification of living conditions based on both relative housing stability and current VLS rate falling above or below the average VLS rate

DEFINITION FOR PEOPLE EXPERIENCING HOMELESSNESS AND HOUSING INSTABILITY VL EQUITY PROJECT – ARIES DATA

- People Experiencing Homelessness (PEH) and Housing Instability **In ARIES**

Living Situation categories **included** from ARIES data:

- Homeless from the streets
- Homeless from emergency shelter
- Transitional housing
- Living with relatives/friends

Not included from ARIES data:

- Board care or assisted living
- Jail/Prison
- Substance abuse treatment facility
- Rental housing
- Participant-owned housing
- Rented Room
- Unknown
- Blank
- Hospital or other medical facility

NOTES ON DATA SOURCES AND VIRAL LOAD METRIC DEFINITION

- XXXX and XXXX data are drawn from ARIES, using the SF Performance Measures Excel-based report, for the period of 4/1/23-3/31/24, run on 4/11/24. All lab values older than 12 months are considered “No Test” for this period.
- XXXX Programs are reported from the HIV Outreach Report in Epic, pulled on 4/11/24. “Detected*” and “No Test” VL lab values were looked up in Epic for precise lab values. All VL results > 12 months from Epic data were dropped and classified as “No Test” for this period.
- For the XXXX Cohort program data, only patients in the XXXX “Pt Assigned Clinic” are kept in tables.
- Notes about data classification choices:
 - 1) all programs consider VL values more than 12 months old as “No Test”
 - 2) XXXX programs are using the patient assigned panel as the denominator, whether a visit happened in previous 12 months or not
 - 3) people with no VL test in previous 12 months are kept in one of the denominators (not in the NEW version)
The denominator that keeps people without VL test results is kept as part of this project to avoid missing patients in outreach lists who may not have had a visit or lab in the previous twelve months.