Linking HIV Surveillance and Medicaid Data to Improve Quality of Care

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Louisiana Medicaid

• Both Office of Public Health (OPH) and Bureau of Health Services Financing (Medicaid) under Louisiana Department of Health
• 5 Managed Care Organizations (MCOs)
• Expanded Medicaid on July 1, 2016
**OPH/Medicaid Data Sharing Agreement**

- Historically a few OPH programs had negotiated their own data sharing agreements with Medicaid, but many programs had no access to Medicaid data
- Change in leadership at Medicaid several years ago facilitated process to establish an agency-wide data sharing agreement
- Support of OPH leadership
- Staff had moved from Medicaid to OPH and had established relationships
- Signed data-sharing agreement in 2014
Data Sharing Principals

Need to protect the privacy and confidentiality of HIV surveillance data, yet provide information that is useful for improving quality of care among persons enrolled in MCOs

- All data exchanged through secure virtual private network (VPN) connection
- Data linkage is conducted by STD/HIV Program staff
- Both Medicaid and STD/HIV Program provide the least amount of data necessary
- Very few staff have access to data
- Written procedures for sharing project-specific data, with approval by Program Directors
HIV Viral Suppression Measure

- Louisiana Medicaid MCOs have 8 incentive-based performance measures
- Viral load measure included in the request for proposals (RFP) in 2014
- Based on HRSA HAB performance measure

HIV/AIDS Bureau Performance Measures

<table>
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<tr>
<th>Performance Measure:</th>
<th>HIV Viral Load Suppression</th>
<th>National Quality Forum #: 2082</th>
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<tbody>
<tr>
<td>Percentage of patients, regardless of age, with a diagnosis of HIV with a HIV viral load less than 200 copies/mL at last HIV viral load test during the measurement year</td>
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<tr>
<td>Numerator:</td>
<td>Number of patients in the denominator with a HIV viral load less than 200 copies/mL at last HIV viral load test during the measurement year</td>
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<tr>
<td>Denominator:</td>
<td>Number of patients, regardless of age, with a diagnosis of HIV with at least one medical visit in the measurement year</td>
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Data Medicaid Provides to STD/HIV Program

- Individual-level data are provided every quarter for the previous 12 months (with a 3 month lag) for all Medicaid enrollees.

- Data elements:
  1. Medicaid ID
  2. Last Name
  3. First Name
  4. Birthdate
  5. SSN
  6. Parish
  7. Was recipient enrolled in Medicaid on anchor month?
  8. Number of months enrolled in Medicaid for the measurement year
  9. MCO plan
  10. HIV diagnosis in measurement year
Data Provided to MCOs

- Individual-level data are provided back to each MCO for their clients only

- Data provided by OPH:
  1. Was the client virally suppressed (i.e., VL <200 copies/mL at the most recent test in the last 12 month period?)
  2. Was the client confirmed to be HIV positive in the OPH HIV Surveillance database? (yes or no)
  3. Last viral load date

- MCOs calculate their own viral suppression rates based on the HRSA measure
  - Medicaid Quality Improvement Team provides technical support
Additional Data Sharing Activities

• Follow clients who have moved from AIDS Drug Assistance Program (ADAP) to Medicaid
  • Monitor viral suppression and adherence
    • Match to surveillance lab data to monitor viral suppression
    • Use pharmacy claims to create adherence measures
• Analyze pre-exposure prophylaxis (PrEP) prescriptions, provider visits
• Monitor HIV and STI screening among pregnant women during first and third trimesters
• Medicaid hepatitis data to improve OPH hepatitis surveillance
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