

# Ending the HIV Epidemic Plan: Riverside County CHIPTS Regional Meeting

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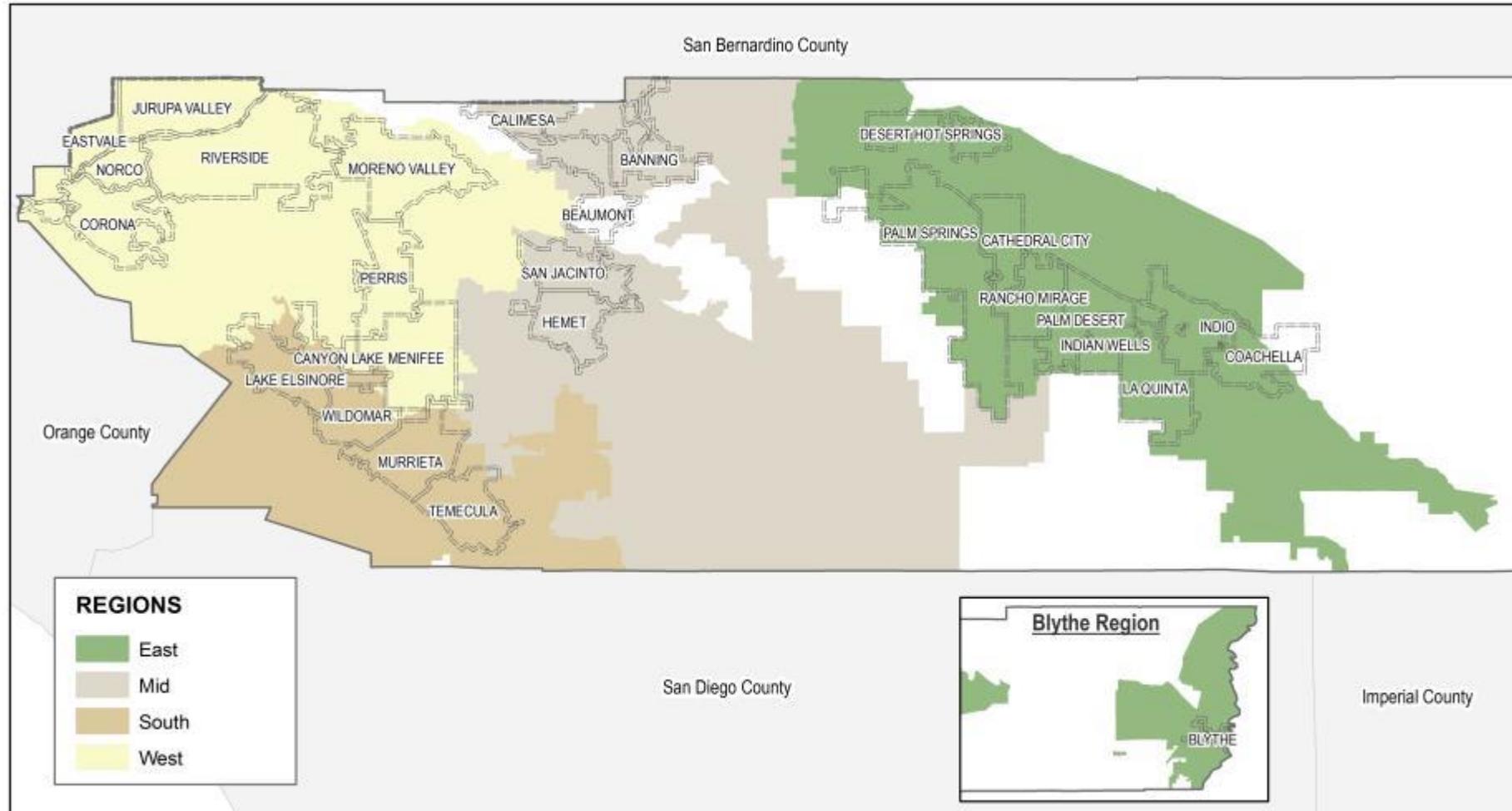
Riverside University Health System-Public Health (RUHS)

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# Overview

- Highlights of the plan to end the HIV epidemic (EHE) in Riverside County
- Addressing social determinants and mental health and substance use disorder comorbidities in our EHE plan
- Thoughts on opportunities for regional coordination to help support/enhance our proposed EHE plan
- Thoughts on needed infrastructure and resources to incorporate regional response with our local county efforts

# Riverside County, CA





# Epidemiological Snapshot

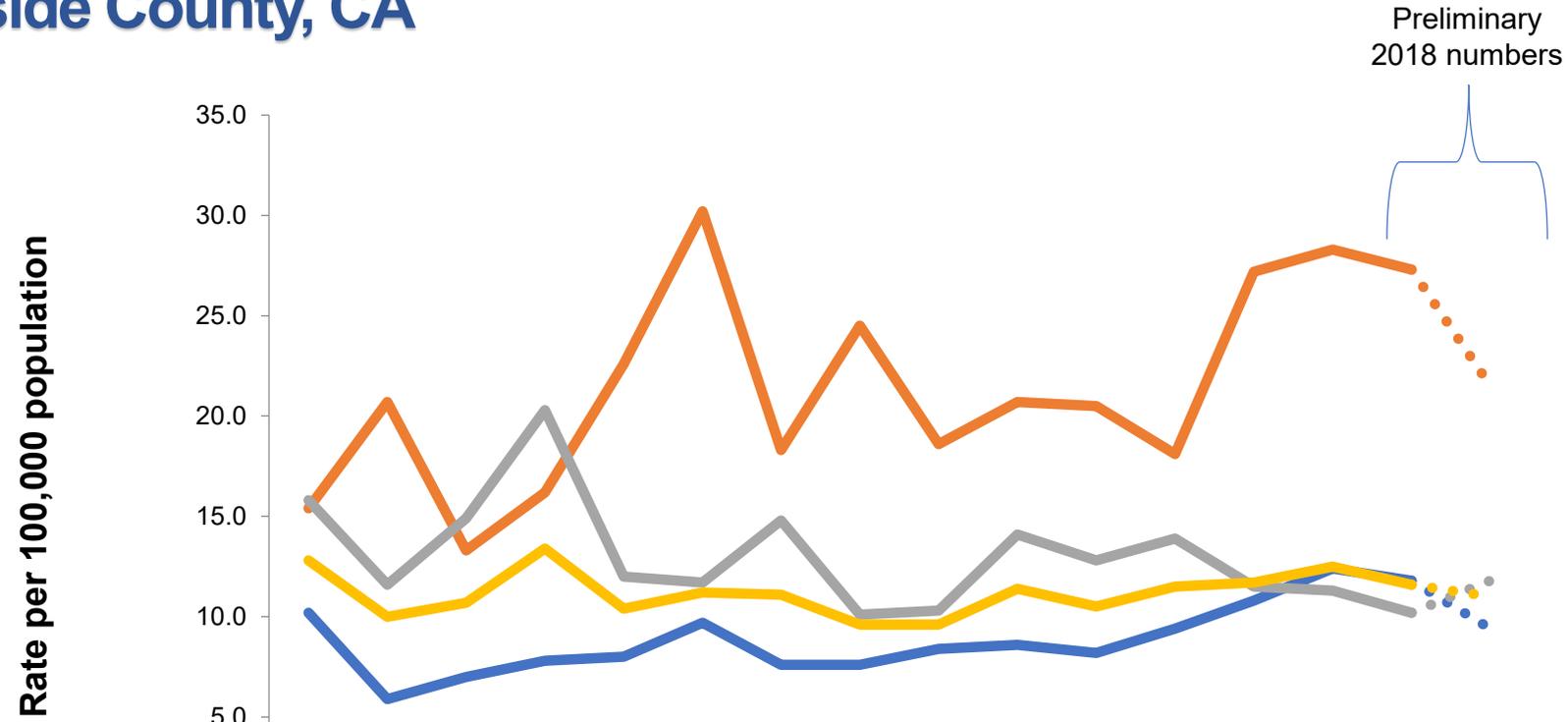
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# Key Features of the HIV Epidemic

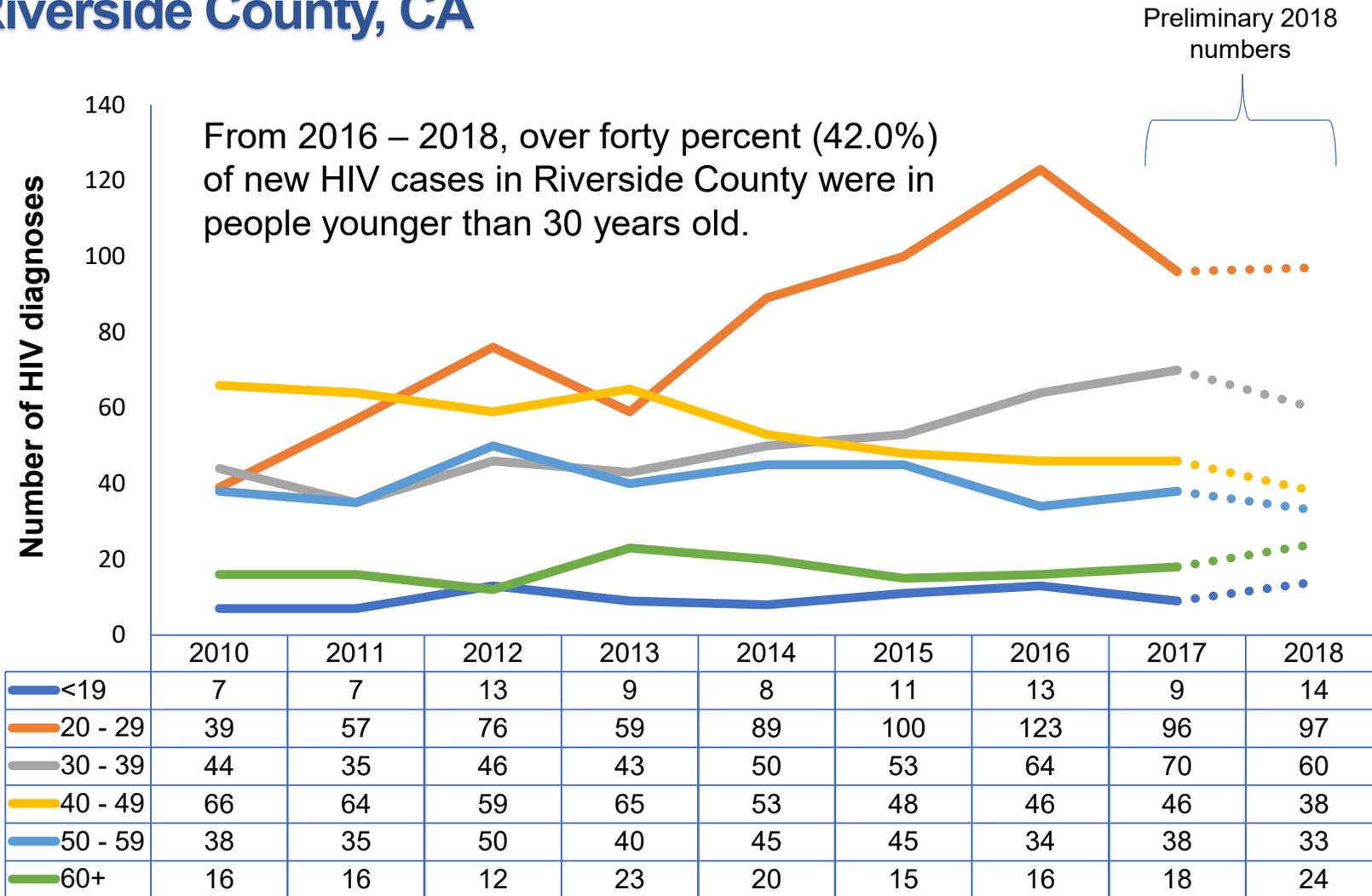
- **HIV infections decreasing overall**
- **Disproportionately affected groups:** men who have sex with men (MSM), people of color (POC) and people under the age of 30
- **Regional differences in infection patterns:** younger and more POC in West and South County
- **Regional differences in services distribution:** less service infrastructure in West and South County

# HIV Incidence Rates by Year of Diagnosis and Race/Ethnicity, Riverside County, CA

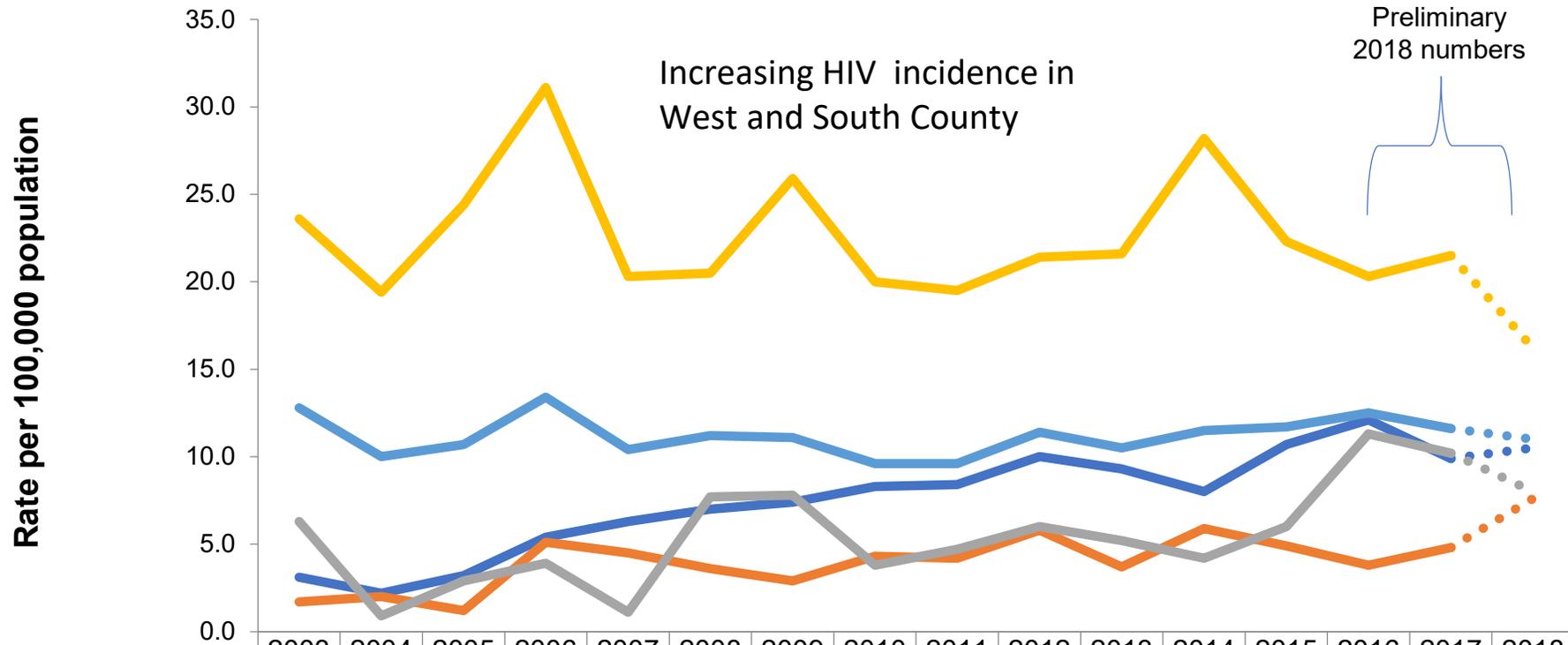


|                        | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Hispanic / Latinx      | 10.2 | 5.9  | 7.0  | 7.8  | 8.0  | 9.7  | 7.6  | 7.6  | 8.4  | 8.6  | 8.2  | 9.4  | 10.8 | 12.4 | 11.8 | 9.4  |
| Black/African American | 15.4 | 20.7 | 13.3 | 16.2 | 22.6 | 30.2 | 18.3 | 24.5 | 18.6 | 20.7 | 20.5 | 18.1 | 27.2 | 28.3 | 27.3 | 21.5 |
| White                  | 15.8 | 11.6 | 14.9 | 20.3 | 12.0 | 11.7 | 14.8 | 10.1 | 10.3 | 14.1 | 12.8 | 13.9 | 11.5 | 11.3 | 10.2 | 11.8 |
| Riverisde County       | 12.8 | 10.0 | 10.7 | 13.4 | 10.4 | 11.2 | 11.1 | 9.6  | 9.6  | 11.4 | 10.5 | 11.5 | 11.7 | 12.5 | 11.6 | 11.0 |

# Number of New HIV Cases by Year and Age, Riverside County, CA



# HIV Incidence Rate by Year of Diagnosis and County Region, Riverside County, CA



|                  | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| West             | 3.1  | 2.2  | 3.2  | 5.4  | 6.3  | 7.0  | 7.4  | 8.3  | 8.4  | 10.0 | 9.3  | 8.0  | 10.7 | 12.1 | 9.9  | 10.5 |
| South            | 1.7  | 2.0  | 1.2  | 5.1  | 4.5  | 3.6  | 2.9  | 4.3  | 4.2  | 5.8  | 3.7  | 5.9  | 4.9  | 3.8  | 4.8  | 7.6  |
| Mid              | 6.3  | 0.9  | 2.9  | 3.9  | 1.1  | 7.7  | 7.8  | 3.8  | 4.7  | 6.0  | 5.2  | 4.2  | 6.0  | 11.3 | 10.2 | 8.0  |
| East             | 23.6 | 19.4 | 24.4 | 31.1 | 20.3 | 20.5 | 25.9 | 20.0 | 19.5 | 21.4 | 21.6 | 28.2 | 22.3 | 20.3 | 21.5 | 16.2 |
| Riverside County | 12.8 | 10.0 | 10.7 | 13.4 | 10.4 | 11.2 | 11.1 | 9.6  | 9.6  | 11.4 | 10.5 | 11.5 | 11.7 | 12.5 | 11.6 | 11.0 |

# HIV Incidence Trends

- From 2016 through 2018 there were 839 HIV incident cases in Riverside County
- 64 percent of incident cases were among people of color populations
- The median age of HIV Incidence cases was 32 years old
  - Median age among white cases: 42
  - Median age among racial minority cases: 30
  - 42 percent of incident cases were under 30 years old
- HIV incidence increasing in West and South Riverside County

# Innovative Strategy

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# Rapid expansion of PrEP capacity, services, and access points

- RUHS does not currently support any formal dedicated PrEP programming.
- RUHS will Increase PrEP awareness and uptake among key focus populations, particularly among MSM of color and persons under age 30.
- RUHS plans to address barriers to PrEP on all fronts, including increasing awareness through accessible information and campaigns, building provider knowledge and infrastructure, particularly in West and South County.

# Social Determinants, Mental Health and Substance Use

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# Social determinants of health are the broader social factors that influence health outcomes in Riverside County

| Situational Analysis Findings   | Strategies  |
|---|---|
| <b>Stigma</b> may create barriers to testing, accessing services or assessing one's own risk.                   | <ul style="list-style-type: none"><li>• Community engagement</li><li>• PrEP media campaign</li><li>• Anti-stigma HIV messaging</li></ul>  |
| Experiences with <b>racism</b> , <b>discrimination</b> and <b>trauma</b> create barriers to accessing services. | <ul style="list-style-type: none"><li>• Cultural competency assessment and anti-racism training</li><li>• Trauma-informed care</li><li>• Workforce development</li><li>• Collaborate with Behavioral Health</li></ul> |
| <b>Inequitable access</b> to health care services negatively affects residents of underserved areas.            | <ul style="list-style-type: none"><li>• Deploy services to underserved areas: West and South County</li><li>• Mobile testing</li><li>• Explore tele-medicine</li></ul>  |

# How will mental health, substance use disorder comorbidities be addressed in our EHE plan?

- **Data Analysis**
  - Mental health, substance use disorder data: add to our final plan
- **Community Engagement Focus**
  - People of color
  - Young people under 30
  - Residents of West and South County
  - **Substance users, especially methamphetamine users**
  - **New provider voices: mental health**

# Regional Opportunities

# Thoughts on needed infrastructure and resources to incorporate a regional response with our local county efforts:

- **State Leadership**

- To move for greater flexibility from Medi-Cal and other payers to keep clients covered and in care

- **Funding**

- For case management, benefits advocacy for clients receiving services in more than one county
- Expanding funding for agencies providing regional services to multiple counties, modeling some of the ways this work can be done
- To support regional planning, replicating some of the best aspects of the TGAs

# Opportunities for regional coordination to support/enhance our proposed EHE plan:

- **CHIPTS Regional Meeting Outcomes**
  - What is the regional work needed to end the HIV epidemic in California?
- **CDC 19-1906 Outcomes**
  - Better understanding of California's HIV epidemics
  - Share best practices
- **Leverage existing resources and meetings to discuss regionalism**
  - 19-1906 Steering Committee Calls
  - Identify cross-county issues and begin to problem-solve