

HIV Among Youth in Alameda County

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Considerations in Analyzing and Interpreting Data for Youth

Data likely underestimate true burden of HIV among youth because:

- **Data only include youth who have been tested/diagnosed**
- **HIV-infected youth who are unaware of their diagnosis/infection are not included**
- **Data by small geographic areas (e.g., zip codes) and by year are limited for youth because of small counts**

Outline

- **Focus on Alameda County youth 13-25 years old impacted by HIV**
- **Characteristics of newly diagnosed HIV cases among youth**
- **Characteristics of PLWHA youth**
- **New HIV cases and PLWHA by city/region**
- **Selected trends**

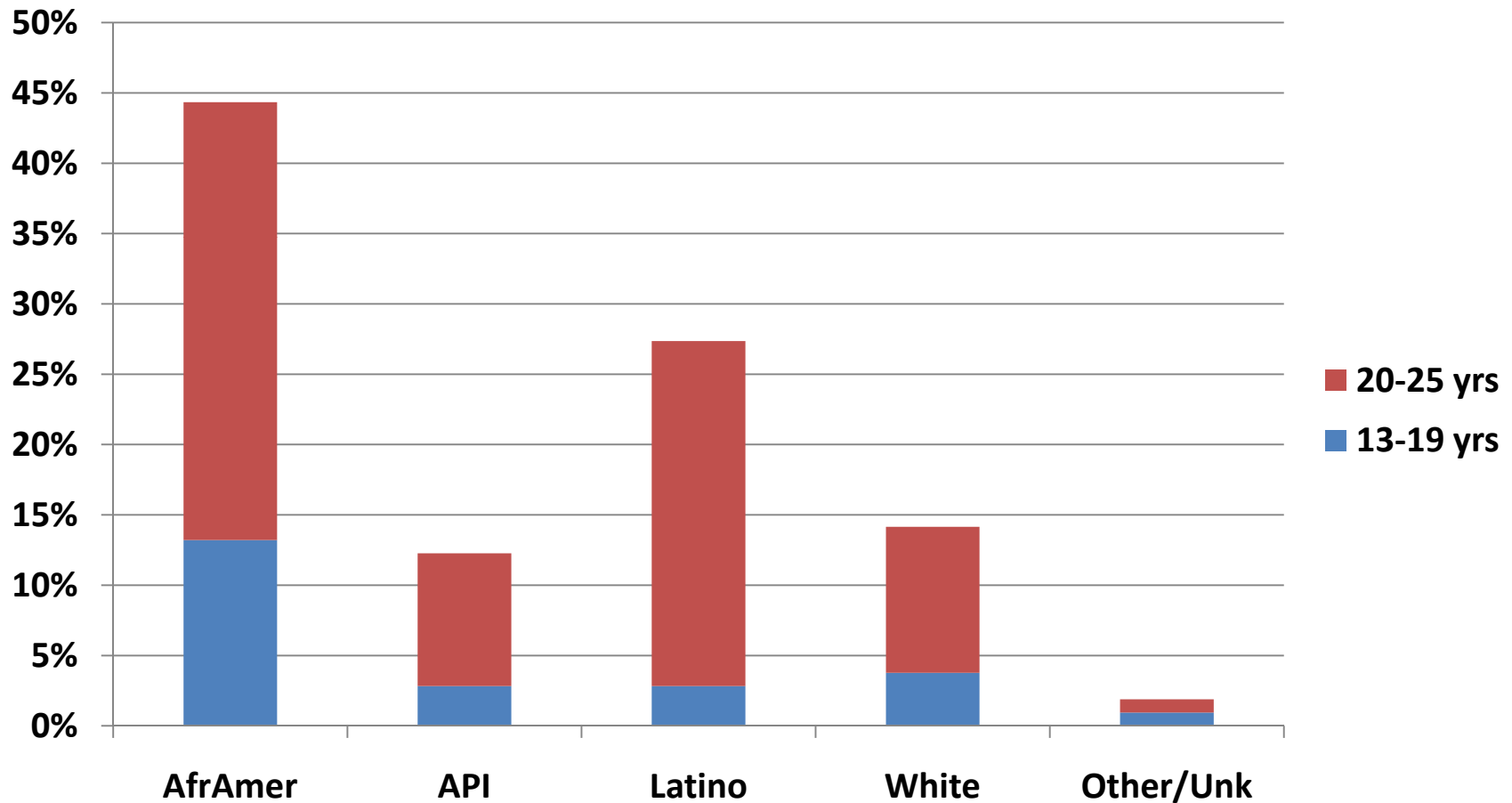
Data to Inform Prevention Priorities: New HIV Cases

- **Burden of new HIV diagnoses among youth by demographics and mode of transmission can highlight priority populations for prevention**
- **Geographic location/concentration of new HIV diagnoses among youth in the county can help identify areas of need for prevention services**

Newly Diagnosed HIV Cases Among Youth

- **Between 2009 and 2011, there were 106 new diagnoses of HIV among youth 13-25 years old**
- **New diagnoses were predominantly among males (87.7%, n=93)**
- **Three-fourths (76.4%) of new HIV diagnoses were among 20-25 year-old youth**
- **44.3% were African American, 27.4% were Latino**
- **New HIV diagnoses were most concentrated in Oakland and Central County areas**

Newly Diagnosed HIV Cases Among Youth by Race/Ethnicity 2009-2011 (n=106)

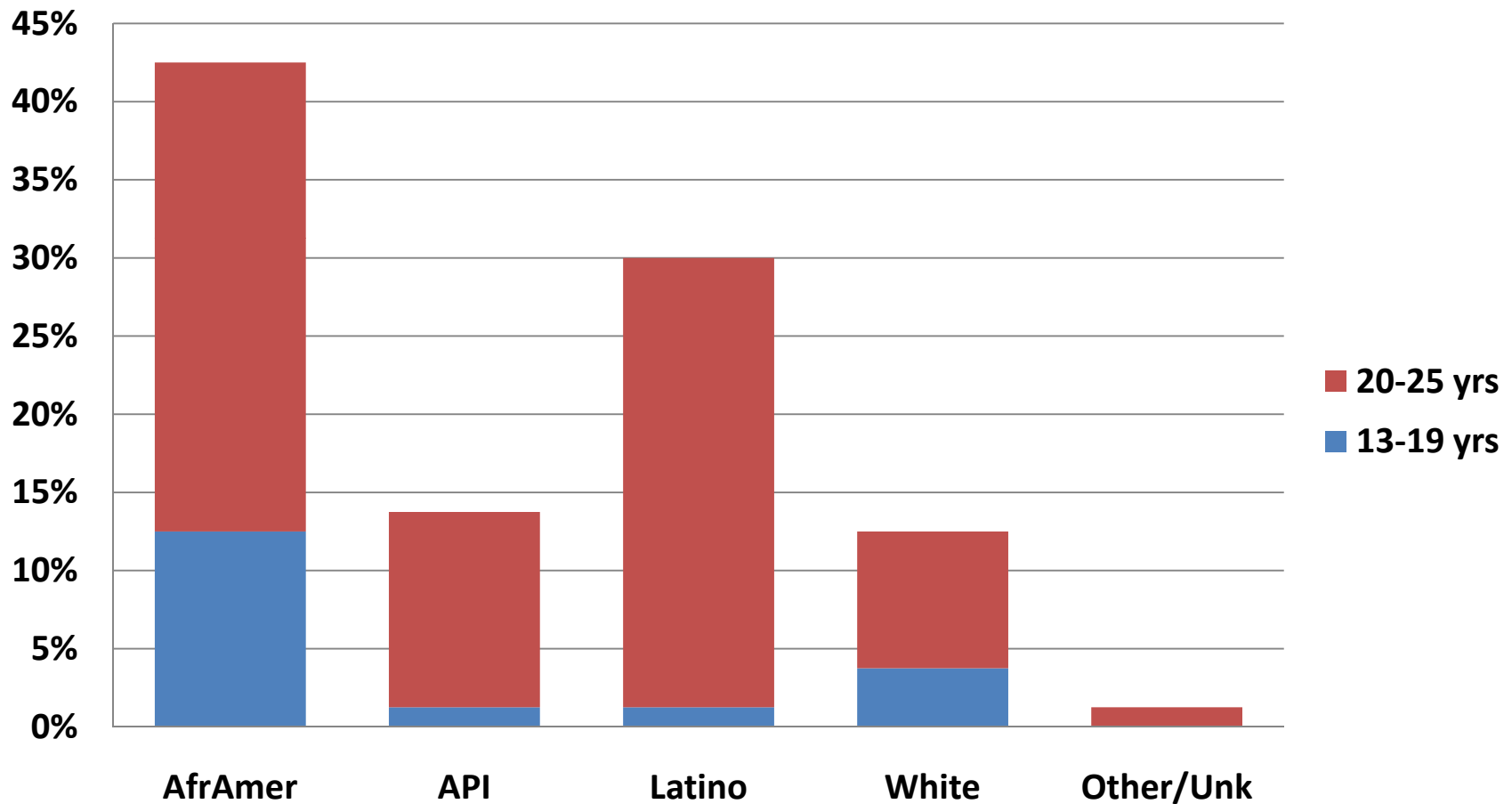


Newly Diagnosed HIV Cases Among Youth

- **MSM comprise 86% of new HIV diagnoses among male youth (n=93)**
- **Between 2009 and 2011 there were 80 new diagnoses of HIV among youth MSM**

Selected Characteristics of Youth MSM Diagnosed with HIV, Alameda County

Newly Diagnosed HIV Cases Among Youth MSM by Race/Ethnicity 2009-2011 (n=80)

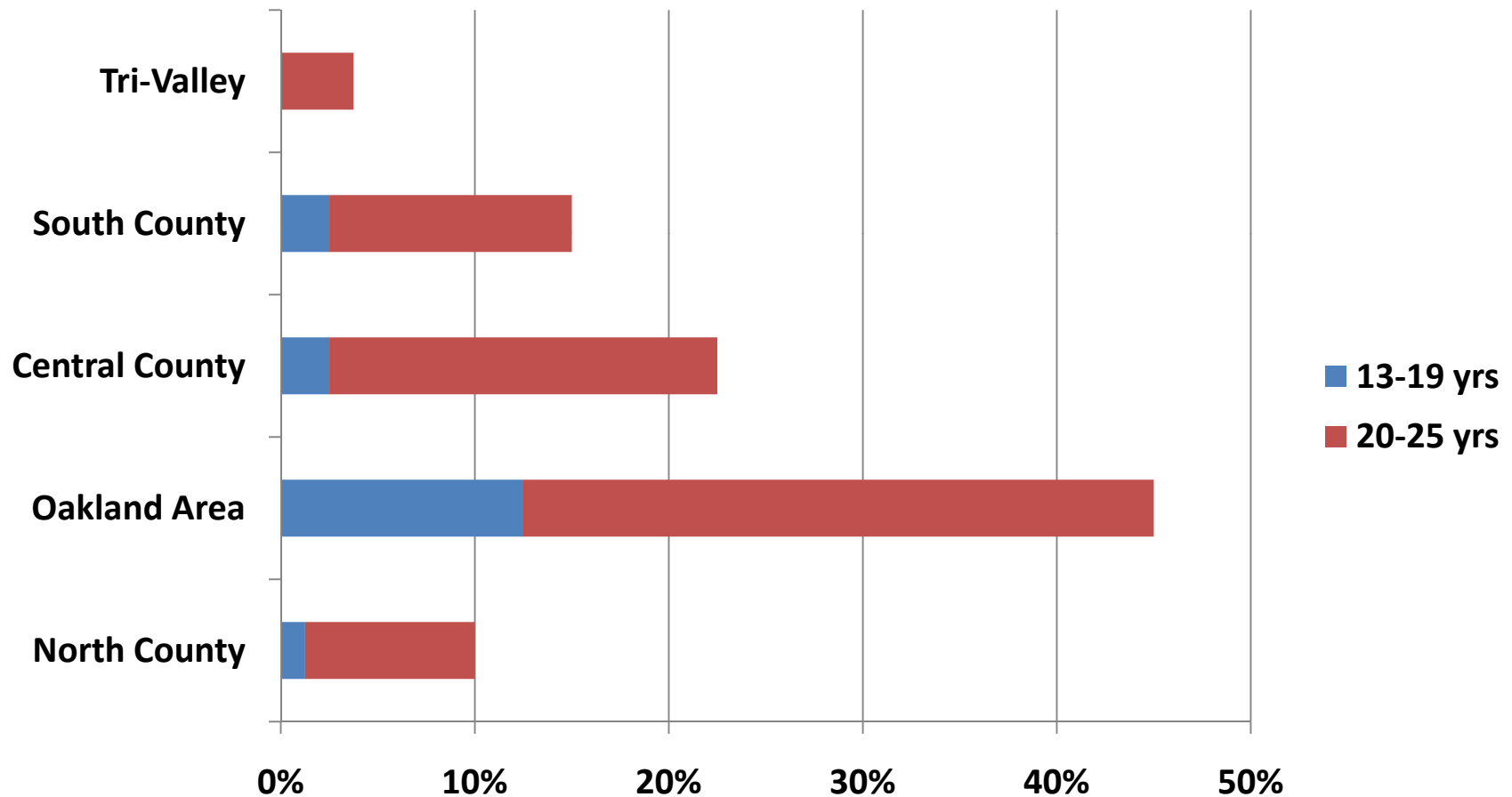


African Americans are 42.5%, Latinos 30.0% of this group

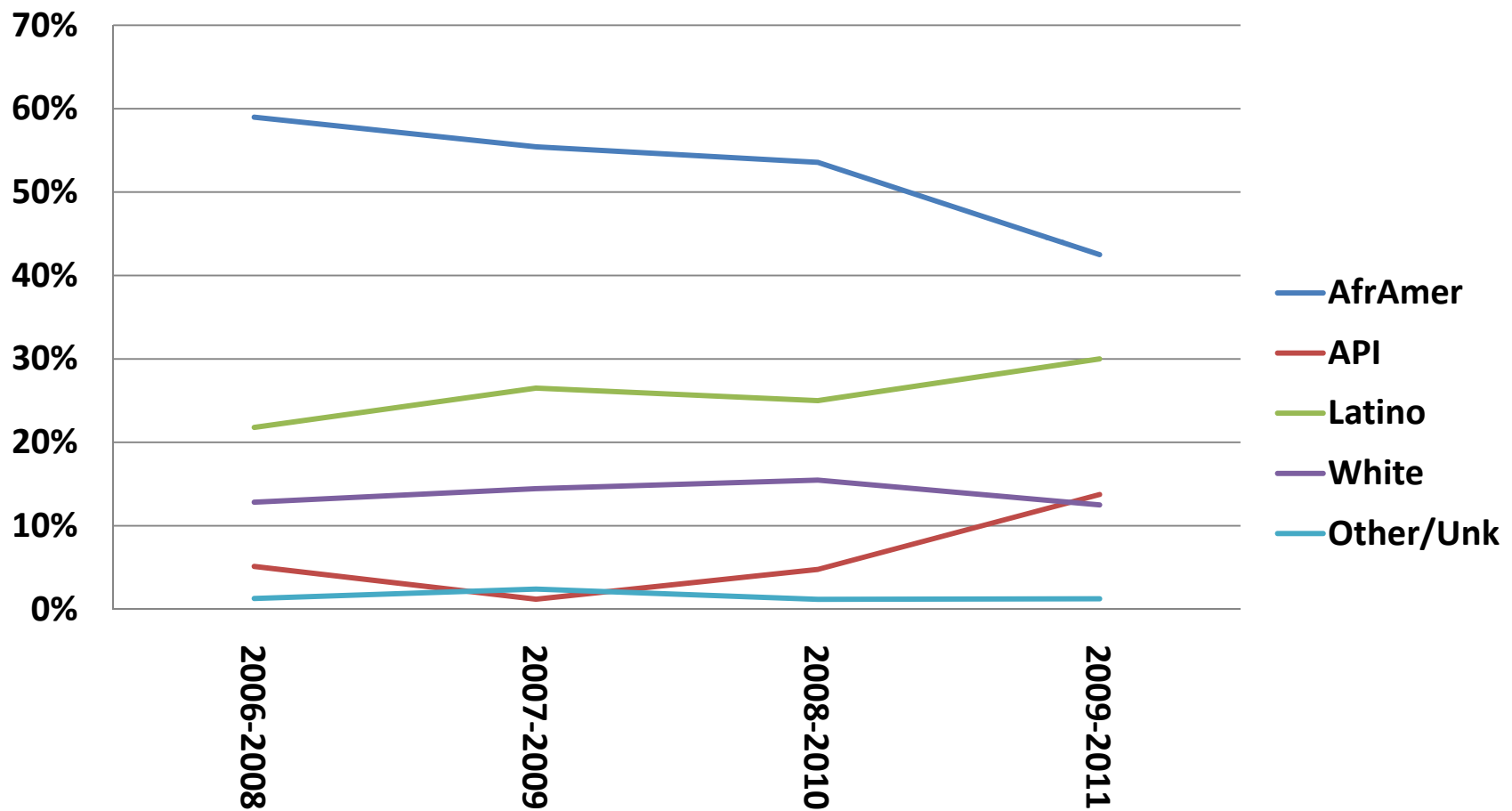
Geographic Definitions: Region by Cities

- North County: **Albany, Berkeley**
- Oakland Area: **Oakland, Emeryville, Piedmont, Alameda**
- Central County: **San Leandro, San Lorenzo, Ashland, Cherryland, Fairview, Castro Valley, Hayward**
- South County: **Union City, Fremont, Newark, Sunol**
- Tri-Valley: **Livermore, Dublin, Pleasanton**

Newly Diagnosed HIV Cases Among Youth MSM by Residence at HIV Diagnosis 2009-2011 (n=80)



Percentage of New HIV Cases Among MSM Youth by Race/Ethnicity 2006-2011



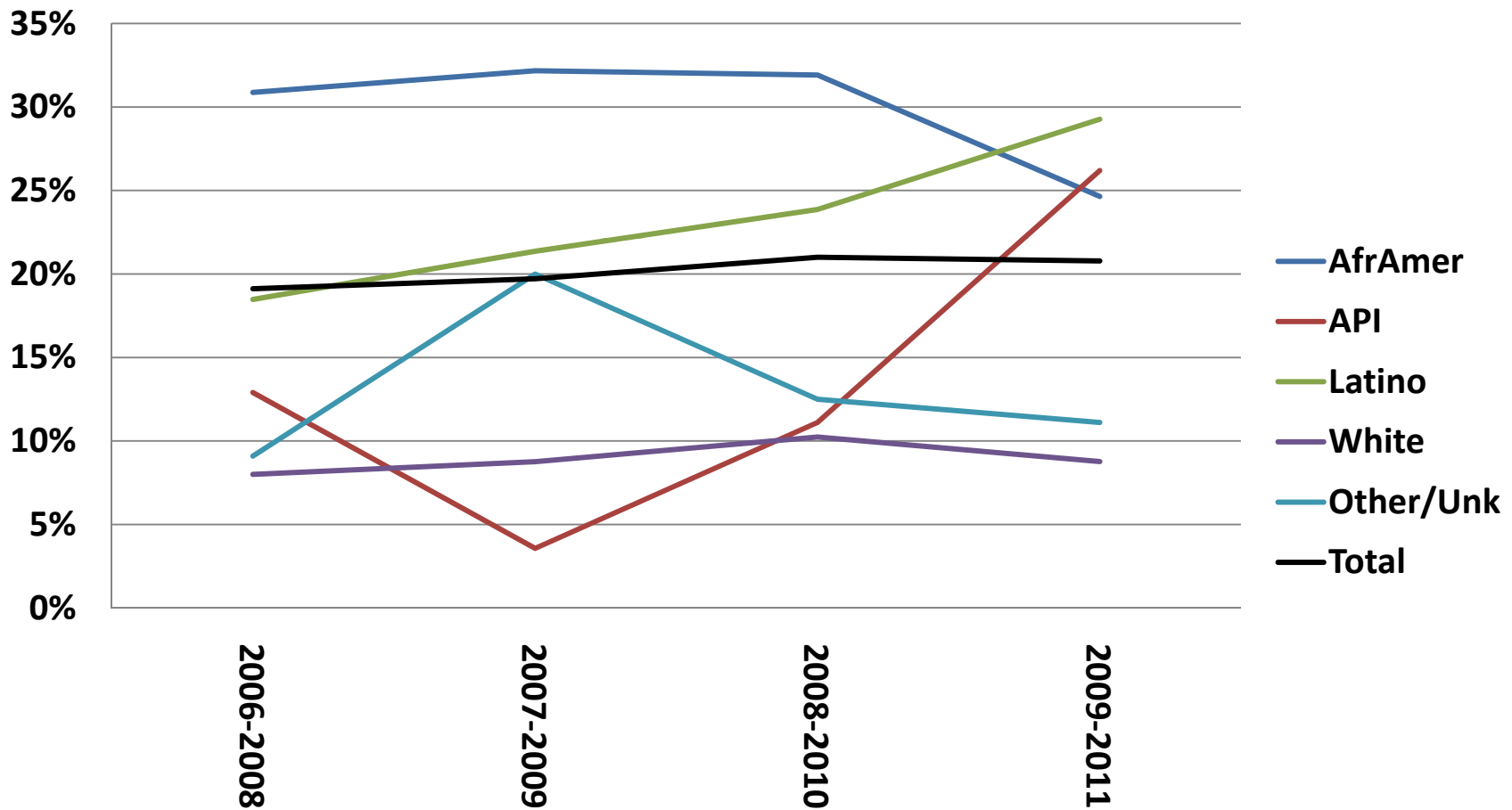
Summary: New HIV Diagnoses Among Youth MSM

- **Among youth MSM, African Americans comprise 42.5% and Latinos comprise 30.0% (n=80)**
- **Trends were variable; there was no significant change in new HIV diagnoses by race/ethnicity between 2006 and 2009**
- **Concentrated in Oakland and Central County areas**

Other Findings: New HIV Cases Among Youth MSM

- A 2011 CDC study based on national data found that between 2006-2009, new HIV diagnoses among young (13-29 year-old) African American MSM increased by 48%.
- The increase among young Latino MSM was 29%.
- The following graph shows similar but not identical analysis for 2006-2011 with local data. The findings do not show similar trends by race/ethnicity.

Percentage* of New HIV Cases Among MSM Youth by Race/Ethnicity 2006-2011



* Percentage= MSM youth in specific race or ethnic group/All MSM of same race or ethnic group

Data to Inform Priorities in Care and Services: Youth PLWHA

- **Proportions of PLWHA youth by demographics and mode of transmission can highlight priority populations for HIV care and services**
- **Geographic location/concentration of PLWHA youth in the county can help identify areas of need and gaps in access to HIV care and services**

Selected Characteristics of Youth PLWHA, Alameda County

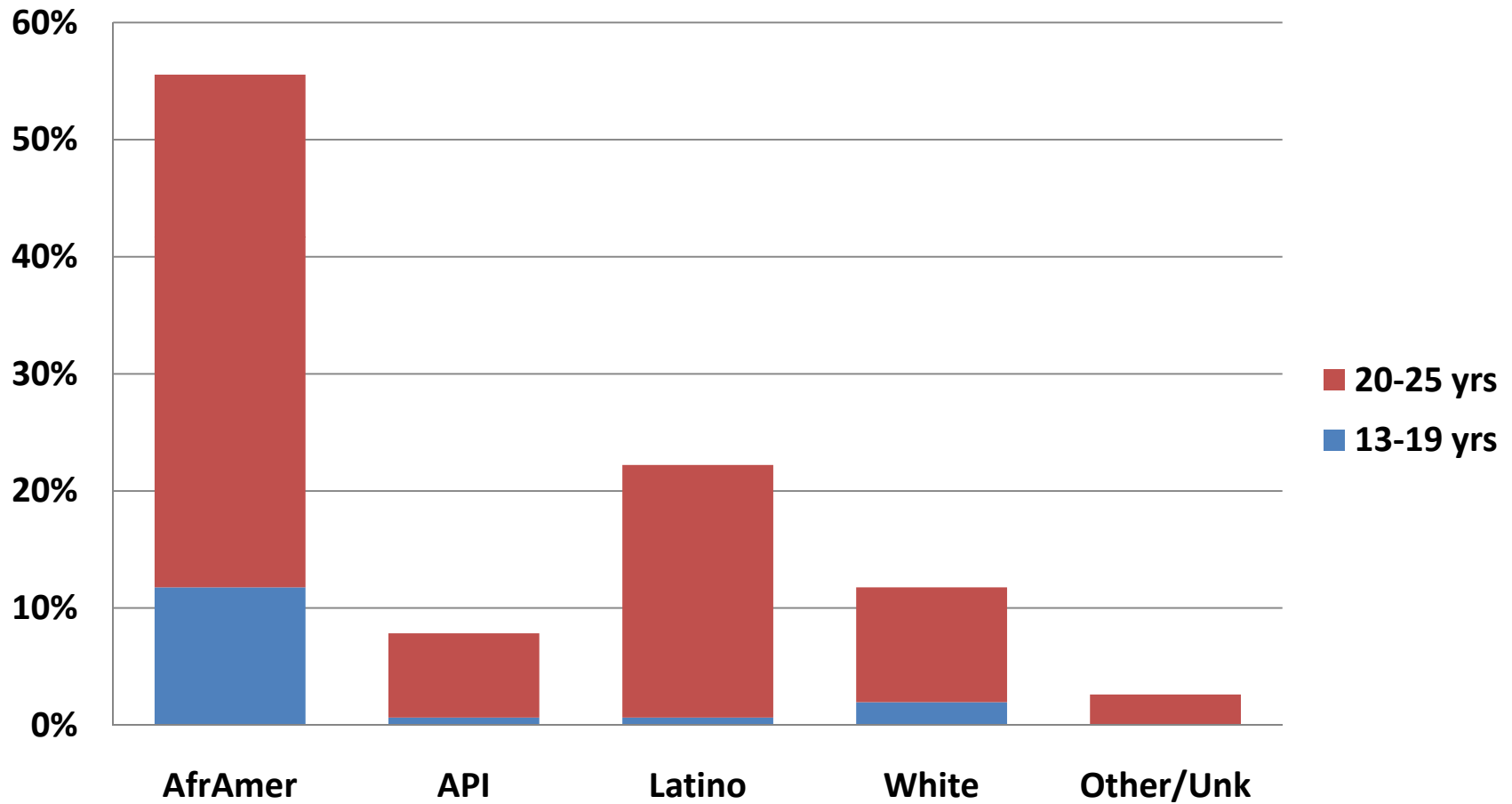
Youth PLWHA, Alameda County

- **In 2011, there were 153 PLWHA youth 13-25 years old**
- **PLWHA were predominantly males (72.5%, n=121)**
- **85.0% of PLWHA were 20-25 year-old youth**
- **55.6% were African American, 22.2% were Latino**
- **Youth PLWHA were most concentrated in Oakland and Central County areas**

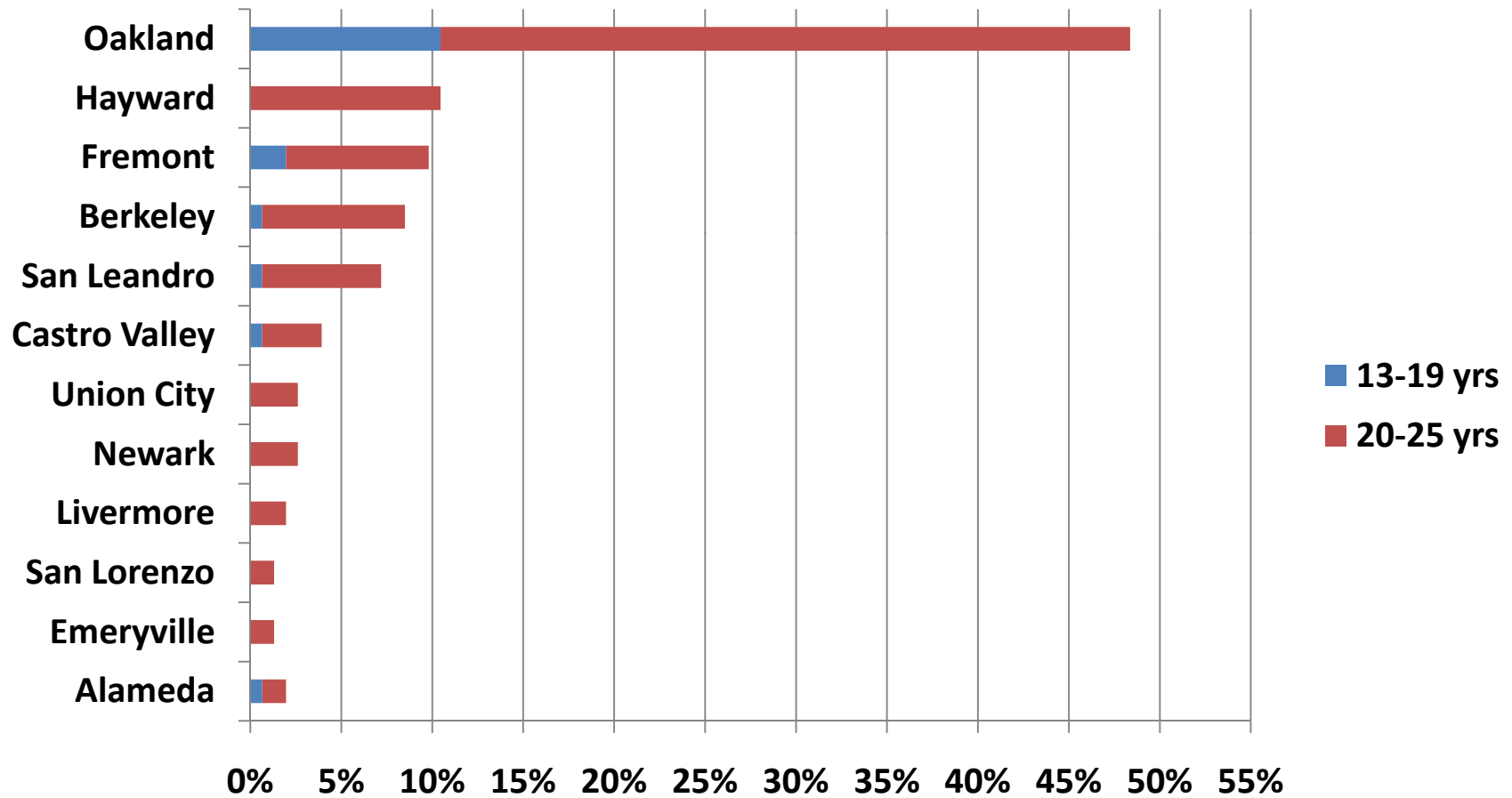
PLWHA Youth, Alameda County

- **MSM comprise 81.8% of PLWHA male youth (n=121)**
- **In 2011, there were 99 PLWHA youth MSM**

Youth PLWHA by Race/Ethnicity (n=153)

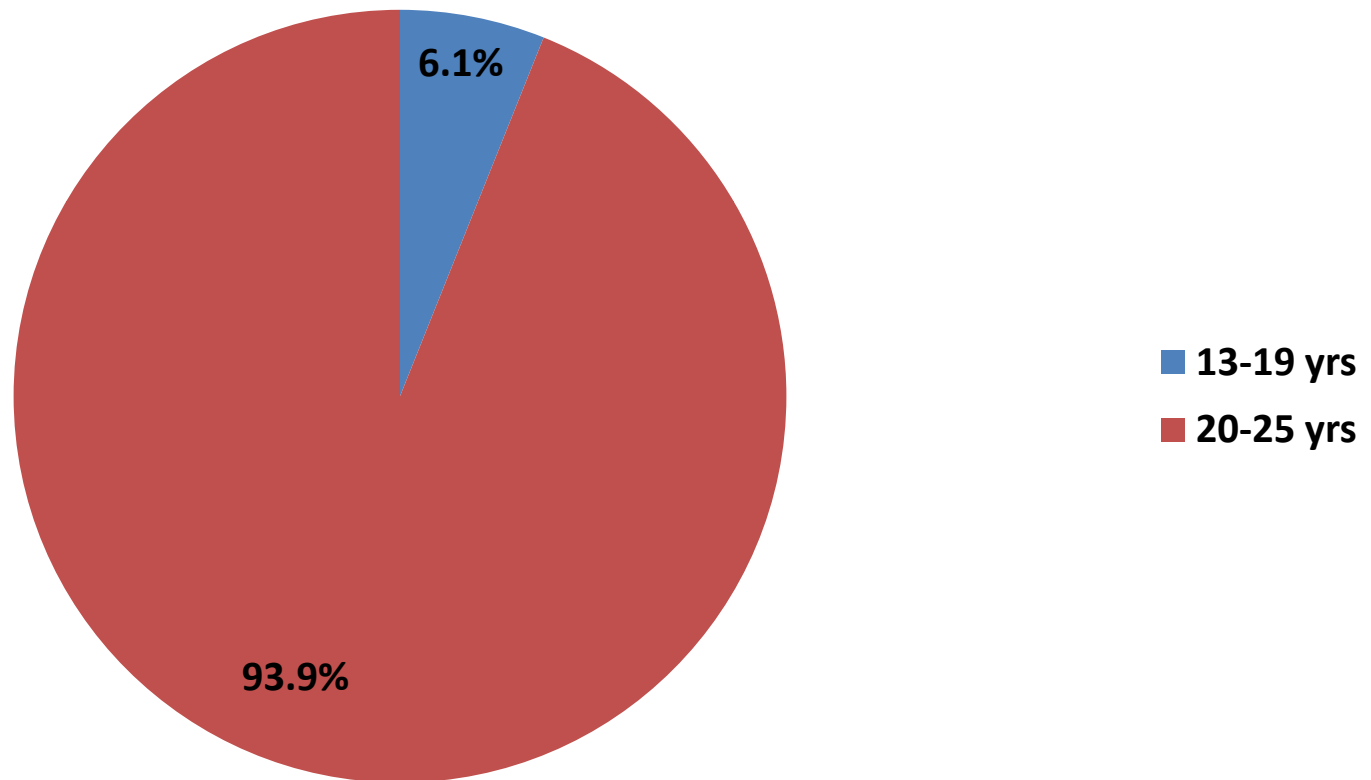


Youth PLWHA by Residence (n=153)

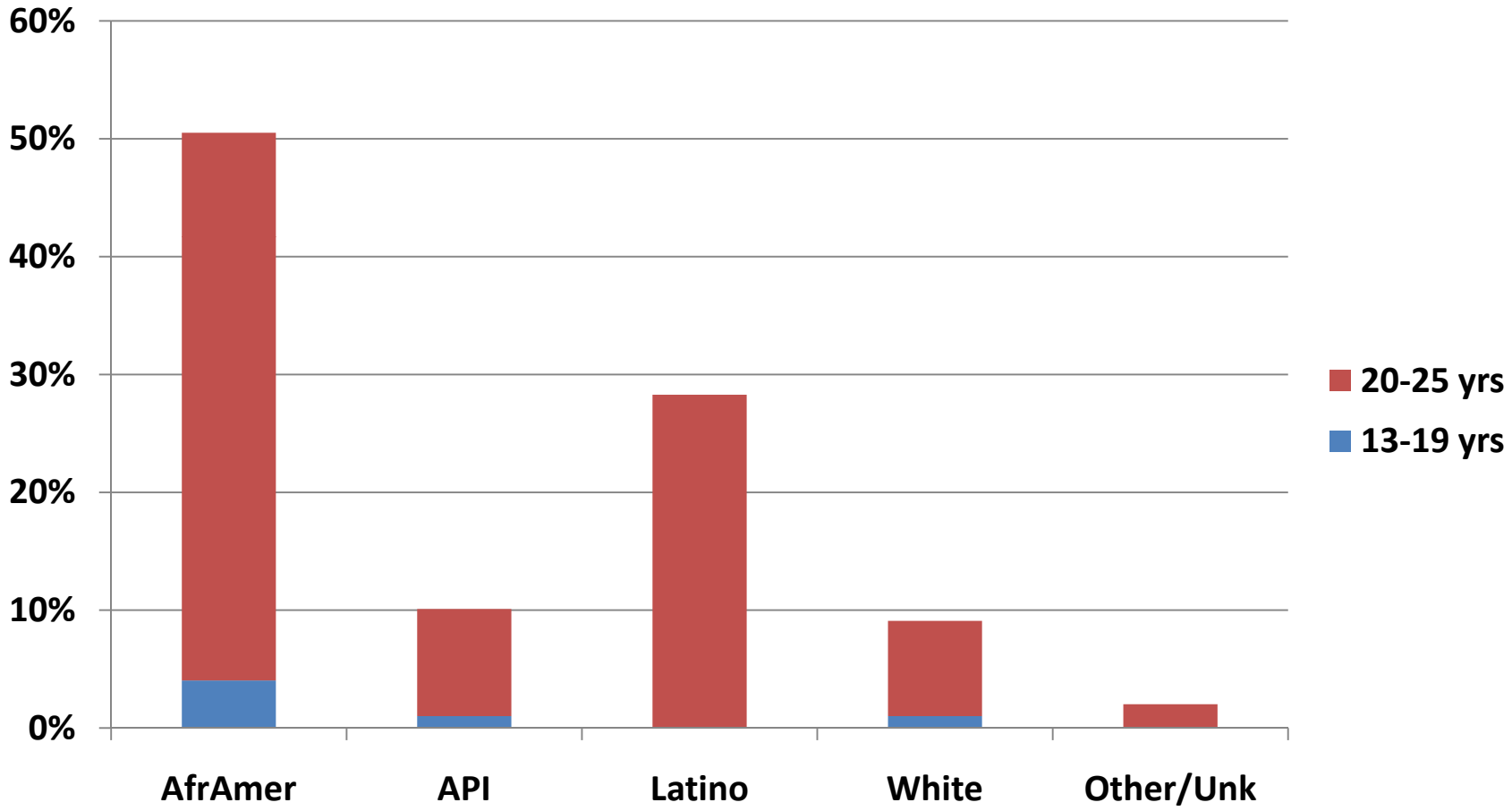


Selected Characteristics of Youth MSM PLWHA, Alameda County

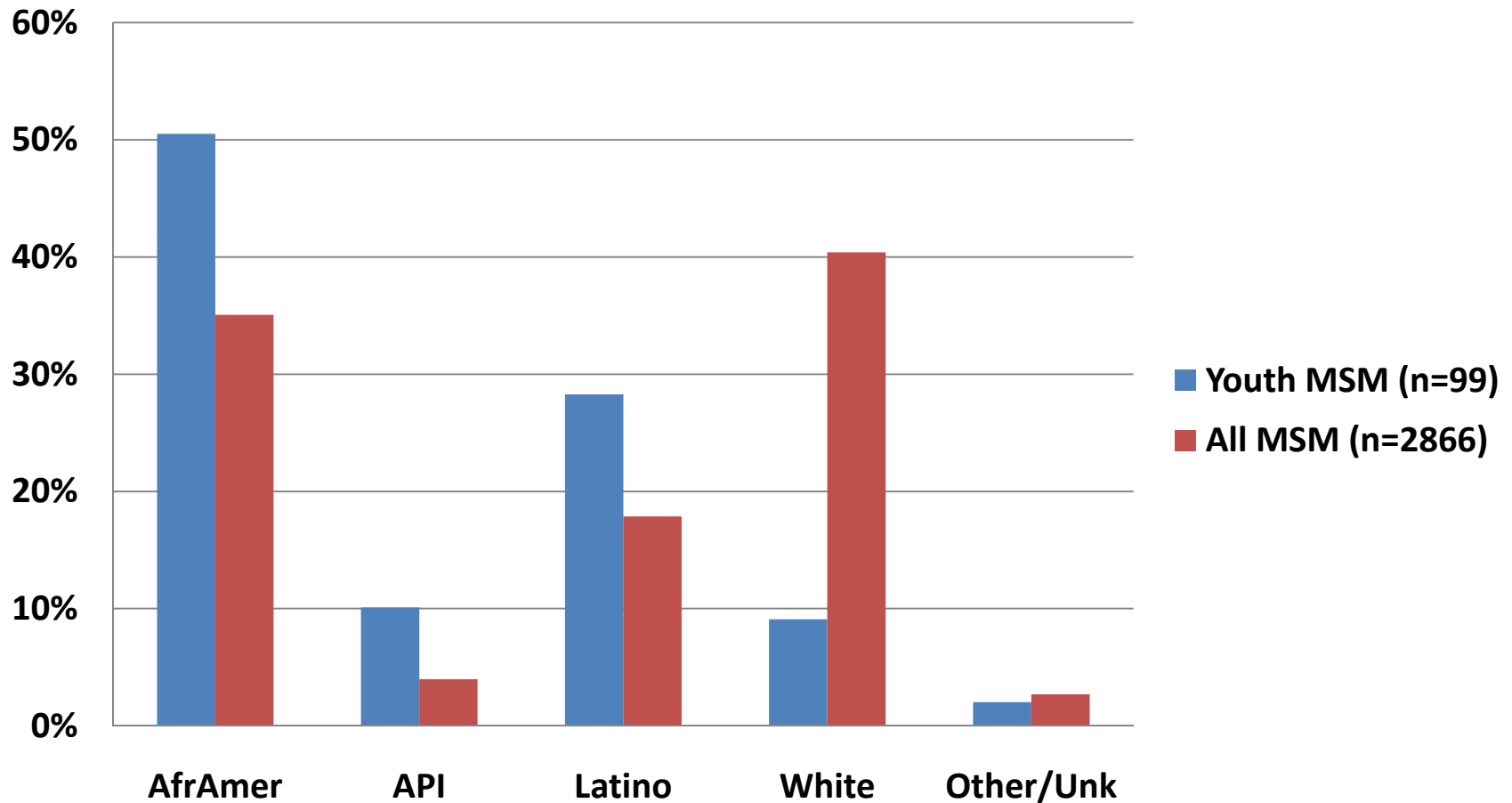
Youth MSM PLWHA by Current Age Group (n=99)



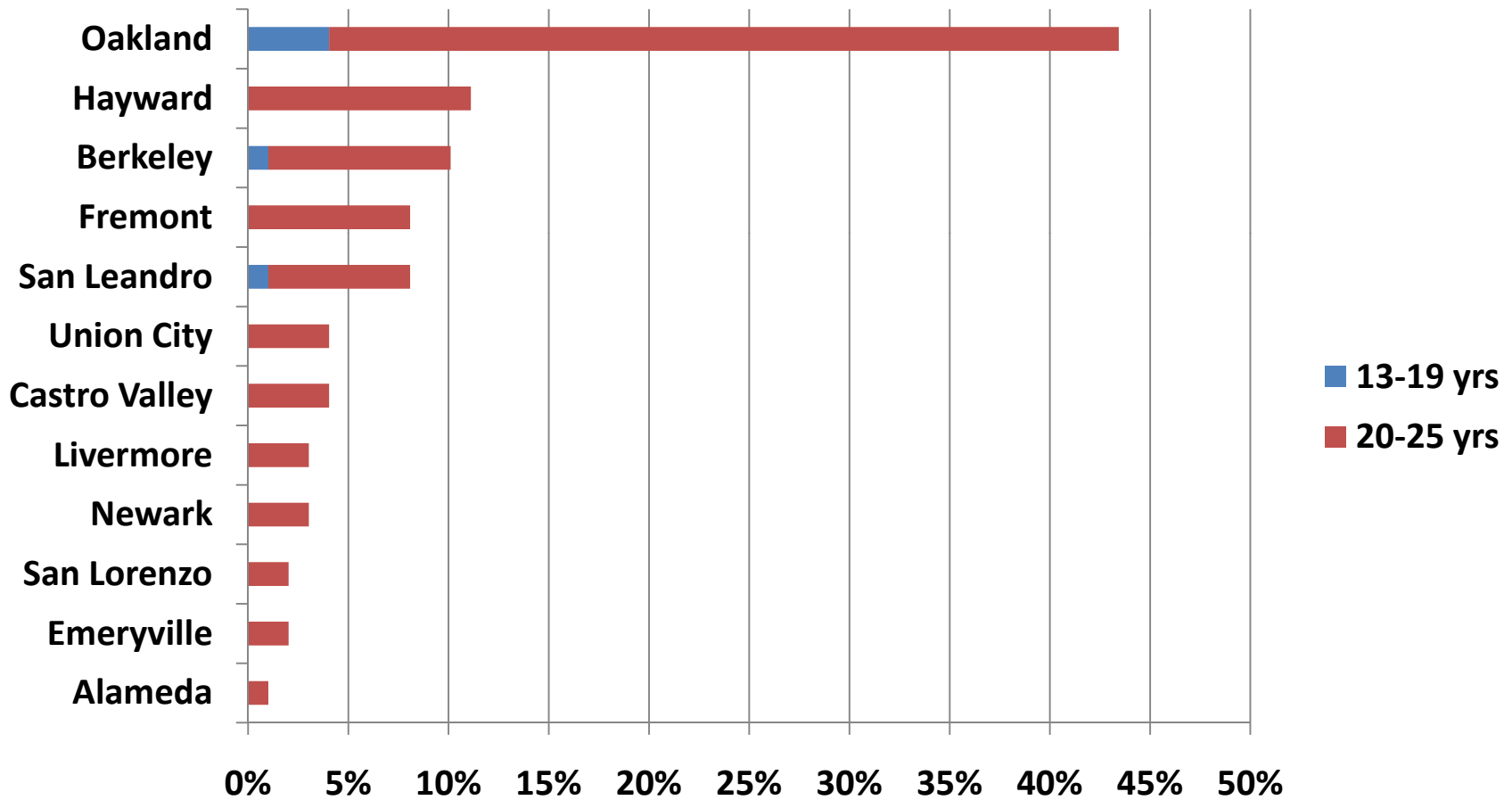
Youth MSM PLWHA by Race/Ethnicity (n=99)



Comparison of Youth MSM PLWHA to PLWHA All MSM by Race/Ethnicity



Youth MSM PLWHA by Residence (n=99)



Summary: Youth MSM PLWHA, Alameda County

- In 2011, 93.9% of youth MSM PLWHA were 20-25 years old
- Youth MSM PLWHA were predominantly African American (50.5%), and Latino (28.3%)
- Africans and Latinos are over-represented among MSM PLWHA youth compared to all MSM PLWHA
- African Americans comprise 50.5% and Latinos comprise 28.3% (n=99) of youth MSM PLWHA
- Concentrated in Oakland and Central County areas

Acknowledgements and Contact Information

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