



Lake Merritt, Oakland ,California

Alameda County African American HIV/AIDS State of Emergency Report

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County Health Officer and Public Health Director
Alameda County

Oct 13, 2014

Health Committee
Alameda County Board of Supervisors



Vision:

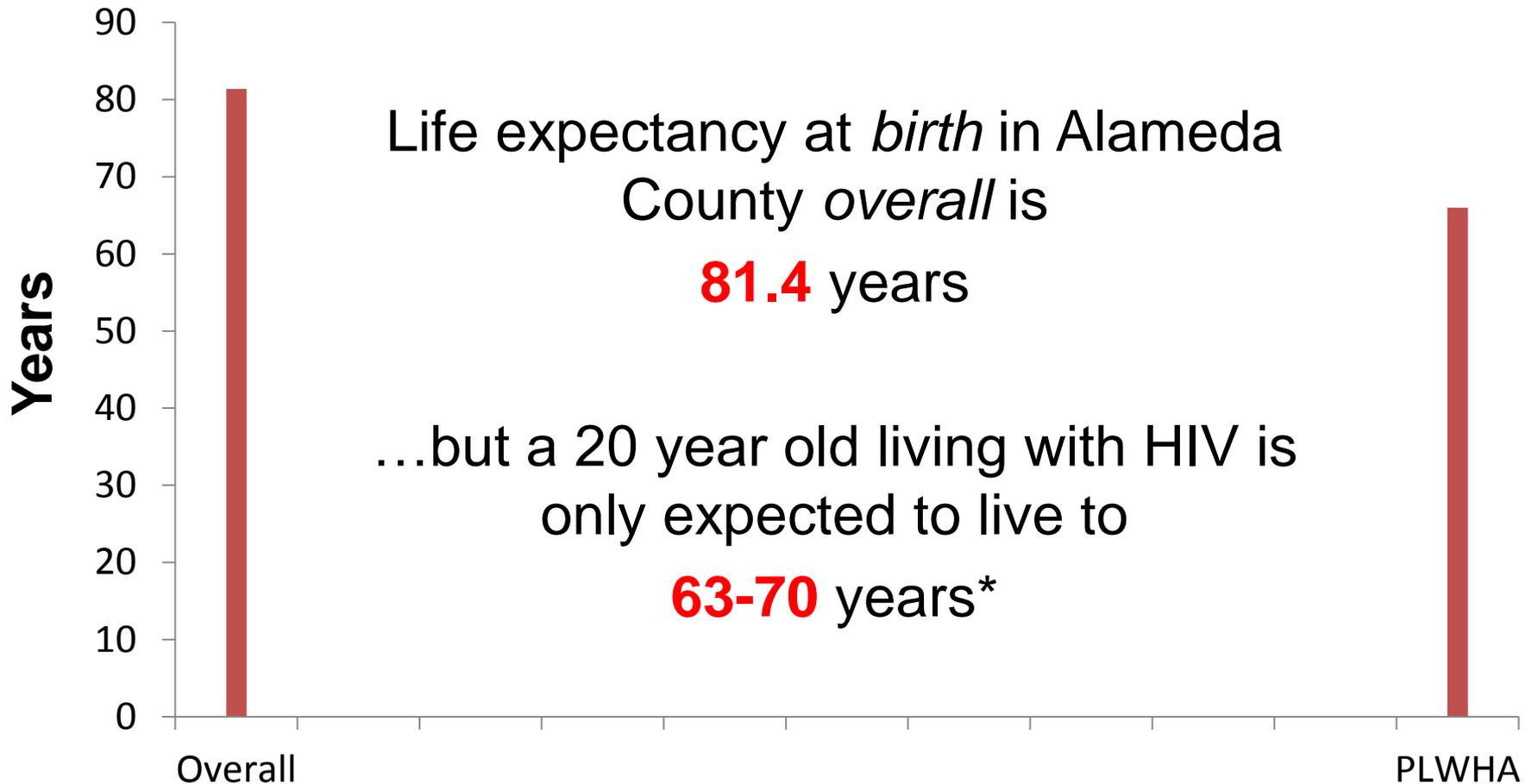
In relationship to the HIV/AIDS epidemic...



“People are healthy,

live well and enjoy life.”

Headline Indicator: HIV-related Life Expectancy/Mortality

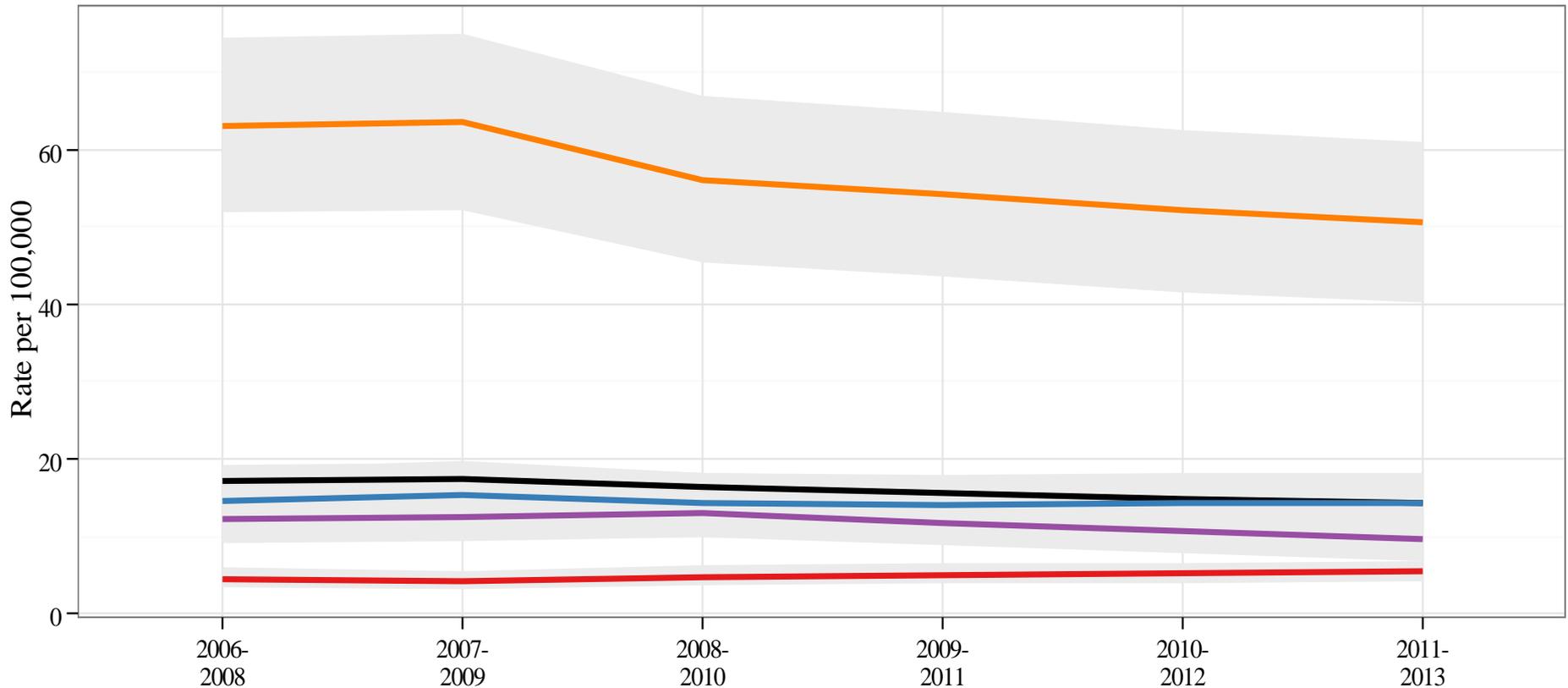


*Life expectancy estimate and 95% confidence interval: 46.4 (43.1,49.7)

Headline Indicator: New HIV Diagnosis by Race/Ethnicity



Race/Ethnicity — All races/ethnicities — African American — White — Hispanic/Latino — API



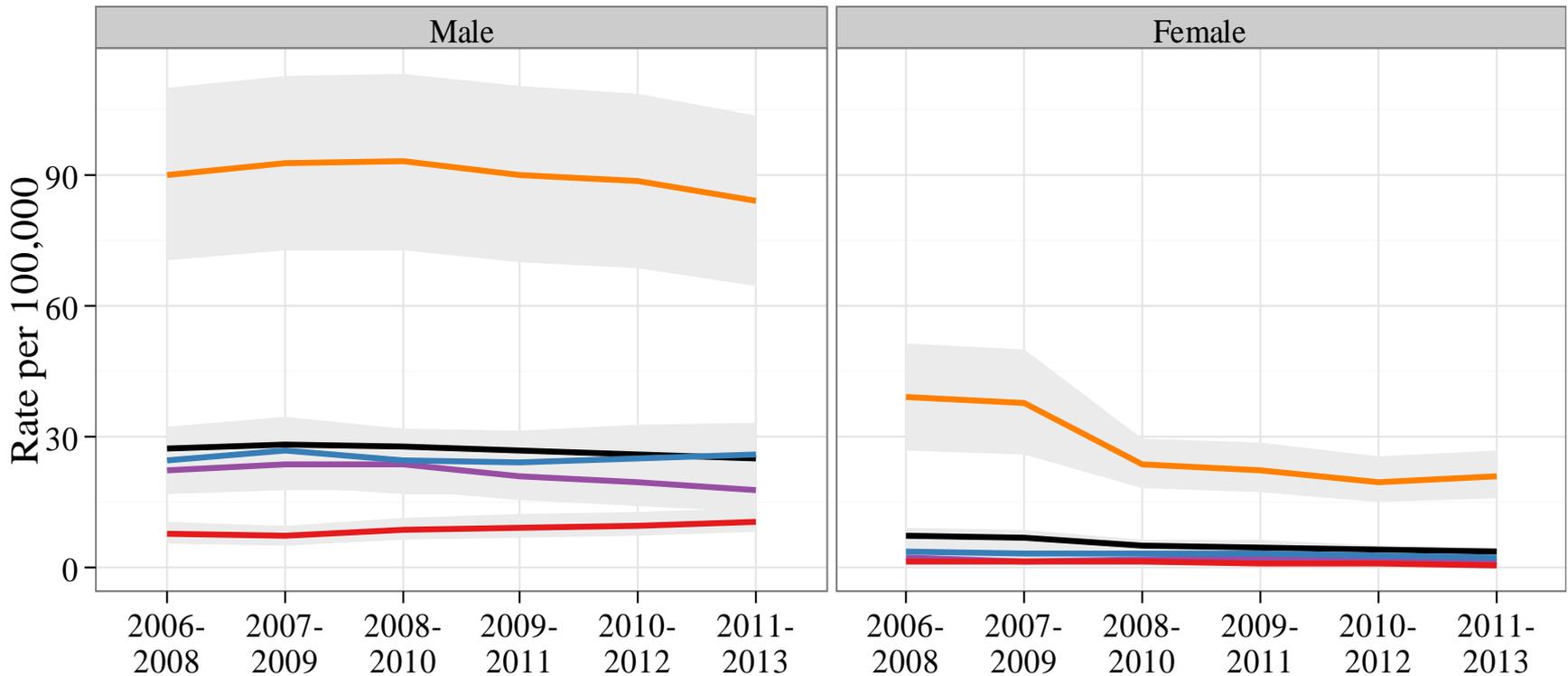
NOTES: Grey areas are 95% confidence bands
DATA SOURCE: Alameda County eHARS, 2014 Q2

NOT SHOWN: Other/unknown race (rates not calculable)

Headline Indicator: New HIV Diagnosis by Gender & R/E



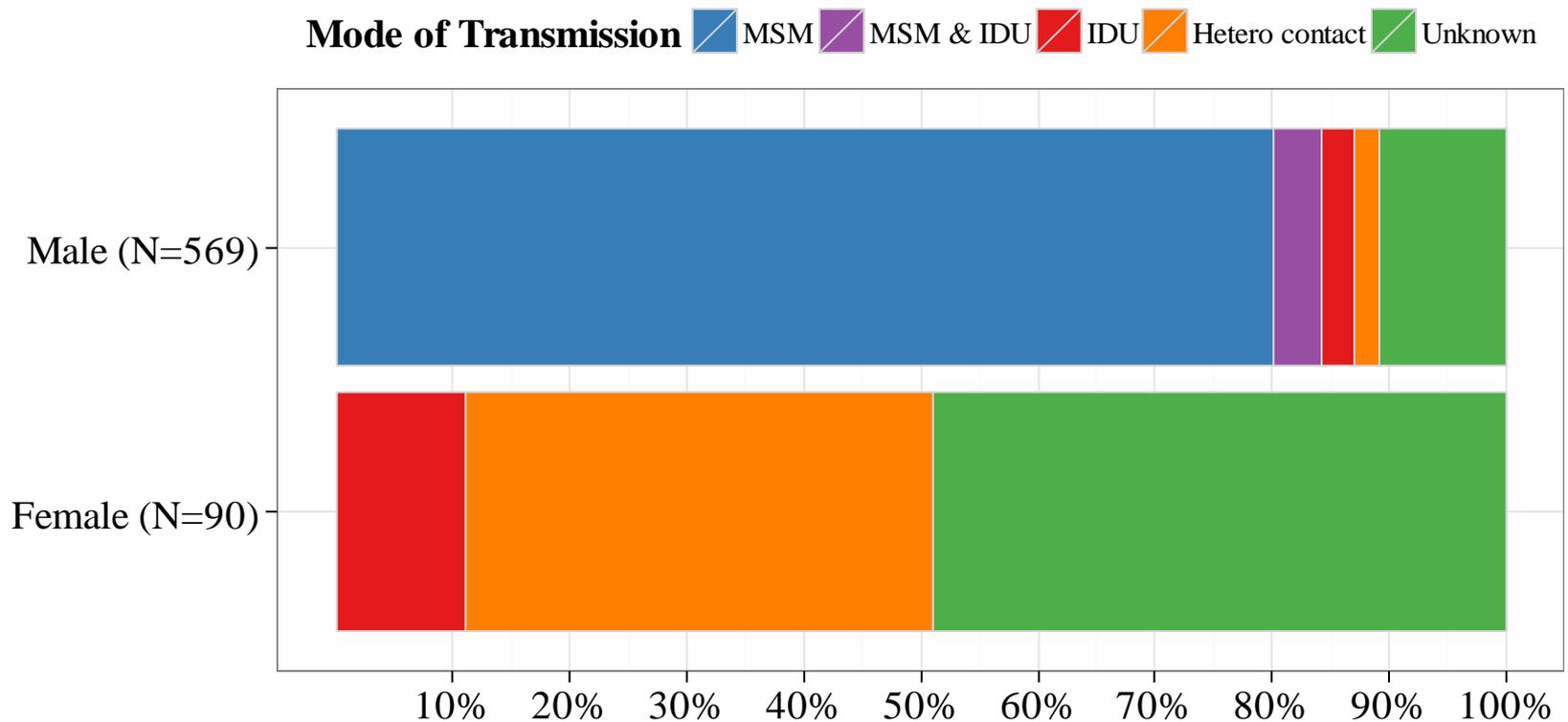
Race/Ethnicity — All races/ethnicities — African American — White — Hispanic/Latino — API



NOTES: Grey areas are 95% confidence bands
DATA SOURCE: Alameda County eHARS, 2014 Q2

NOT SHOWN: Other/unknown race (rates not calculable)

More Detail: New HIV Diagnosis by Age

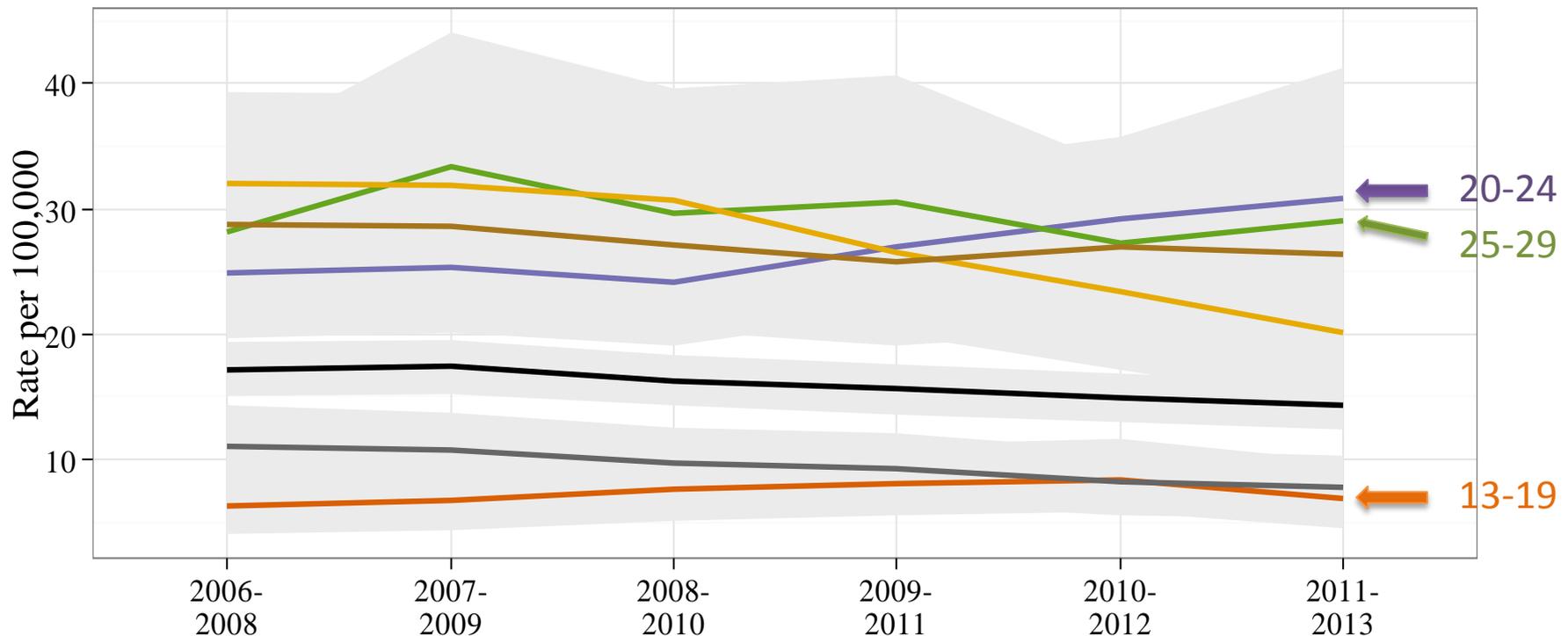


NOTE: "Gender" refers to sex assigned at birth
DATA SOURCE: Alameda County eHARS, 2014 Q2

More Detail: New HIV Diagnosis Trends by Age



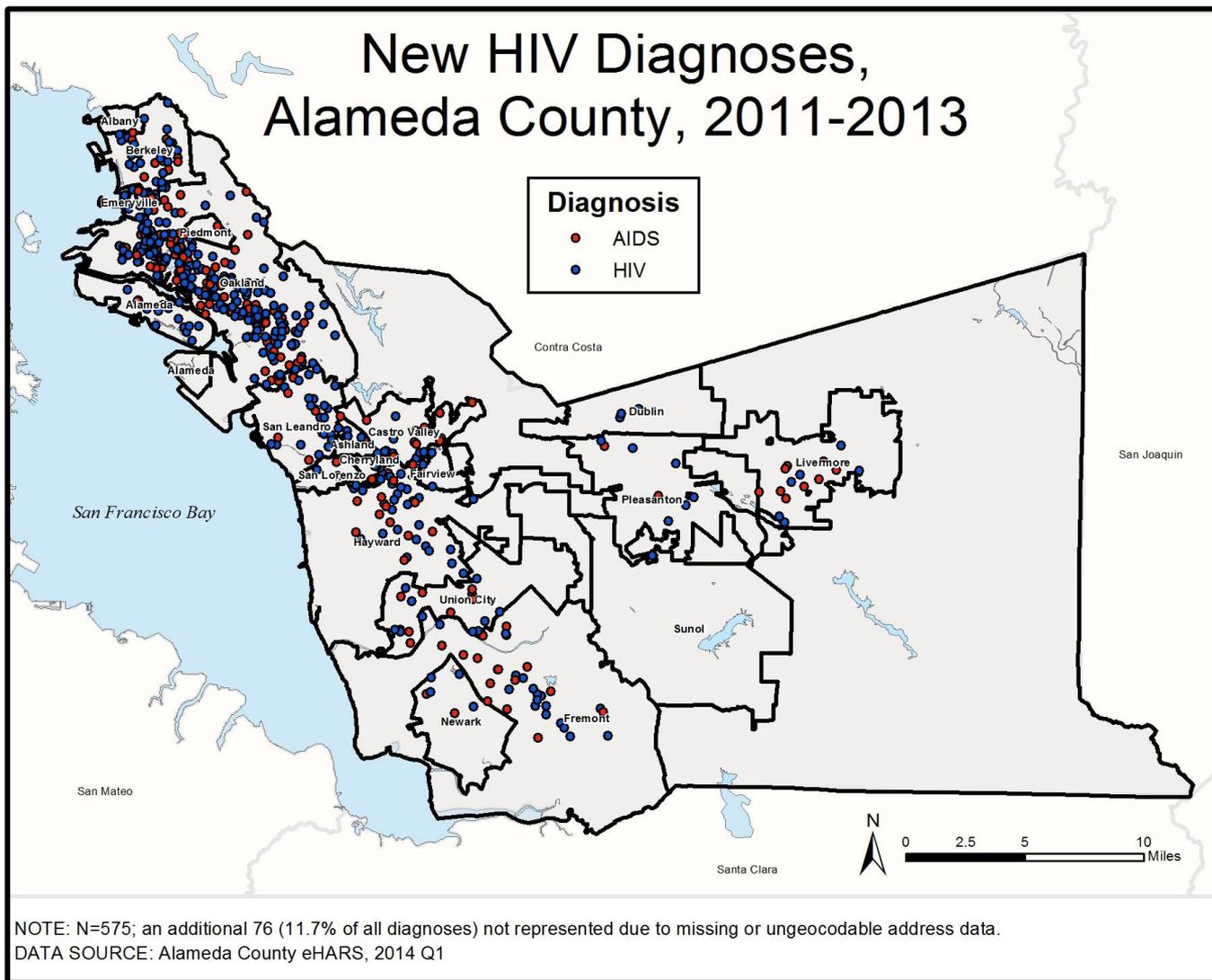
Age — All ages — 13-19 — 20-24 — 25-29 — 30-39 — 40-49 — 50 & over



NOTE: Grey areas are 95% confidence bands
 NOT SHOWN: Ages 0-12 (due to small numbers)
 DATA SOURCE: Alameda County eHARS, 2014 Q2



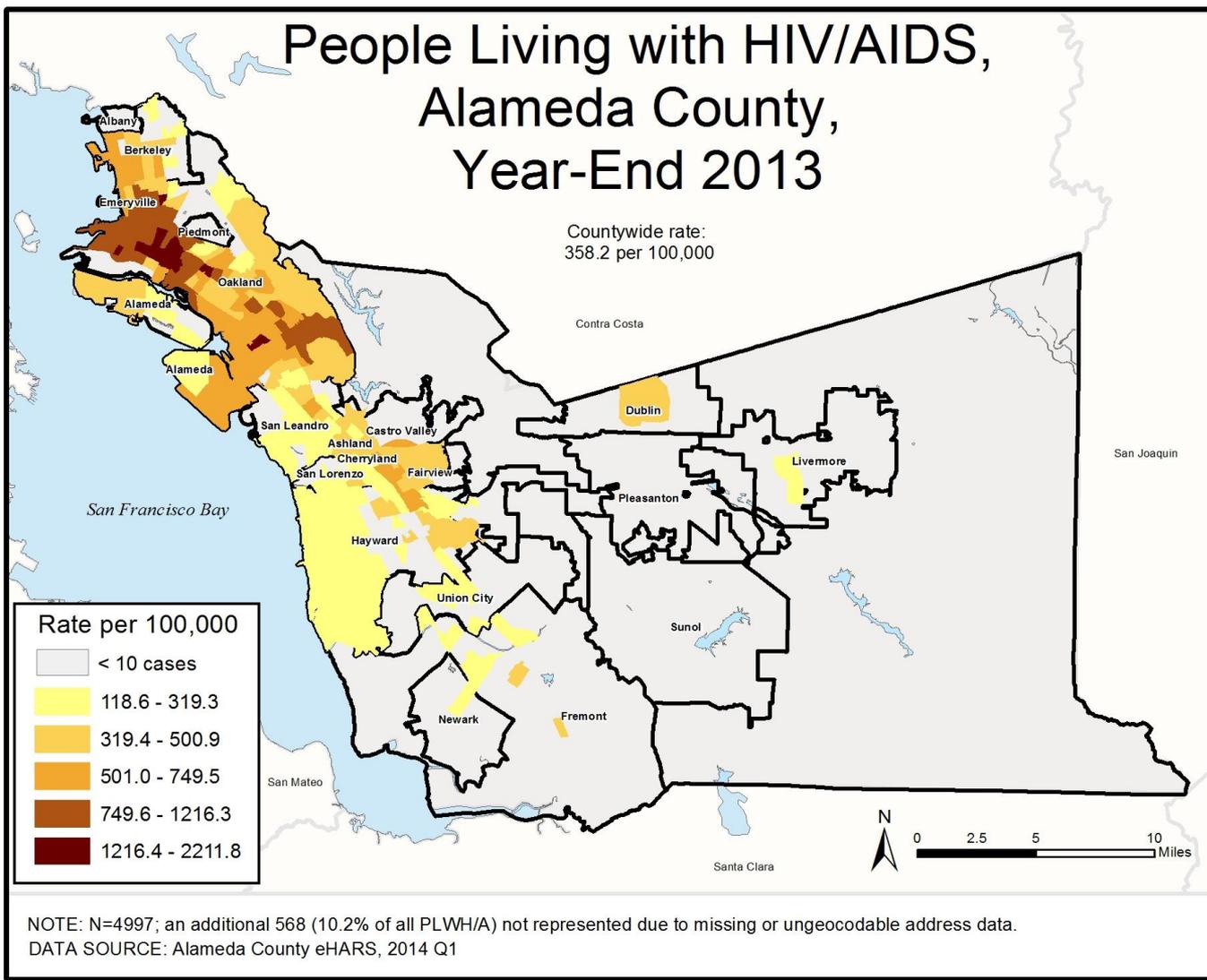
New HIV Diagnoses, Alameda County, 2011-2013





People Living with HIV/AIDS, Alameda County, Year-End 2013

Countywide rate:
358.2 per 100,000



In Summary:

HIV Diagnoses



- New diagnoses
 - ...are still mostly among African Americans and those aged 20-49
 - ...are overwhelmingly—and increasingly—male
 - ...are concentrated in the Oakland flats
- Diagnosis rates
 - ...appear to have decreased overall since 2006
 - ...have especially decreased among African American females
 - ...appear to have increased among those aged 20-24 but decreased among those aged 30-39

Continuum of HIV Care: In Alameda County

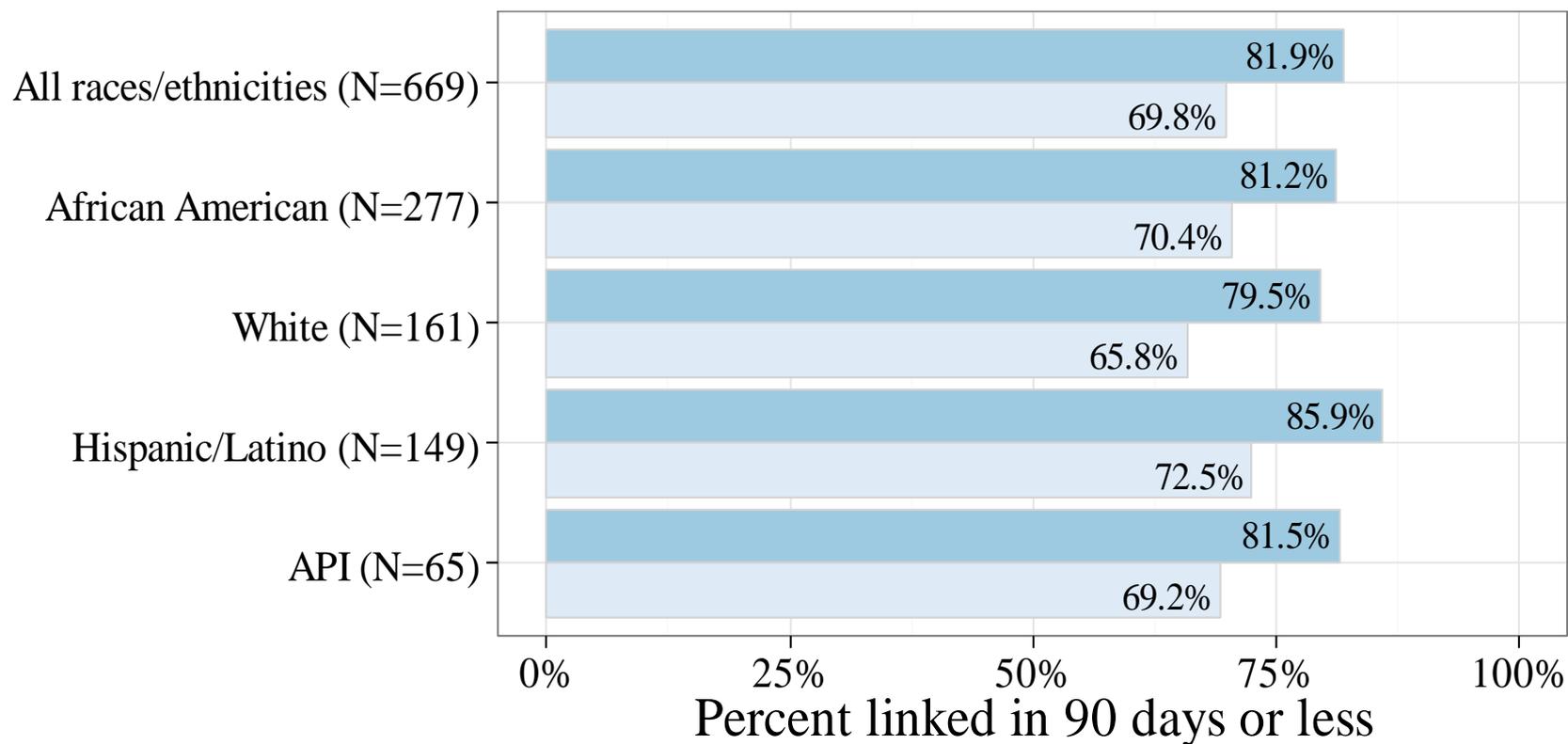


- Linkage to HIV Care
- Retention
- Viral suppression

Linkage to HIV Care: By Race/Ethnicity, 2010-2012



Including labs on the date of diagnosis? No Yes



NOTE: Linkage defined as having CD4 and viral load tests

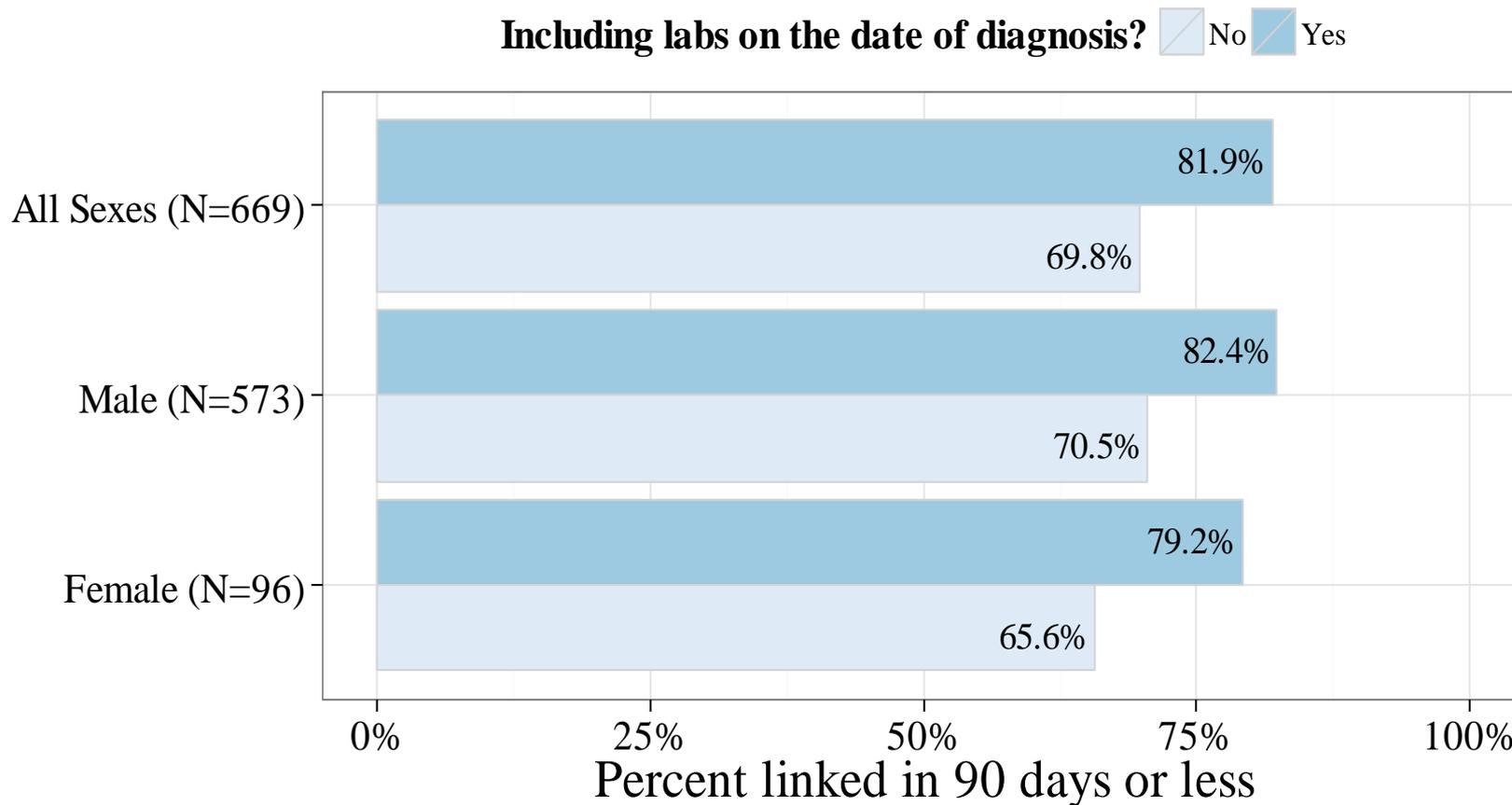
NOT SHOWN: N=17 patients with other/unknown race

DATA SOURCE: Alameda County eHARS, 2014 Q2

Stepping Up the Pace: AIDS 2014 20th International Conference Hub

The New Parkway Theater Oakland, CA

Linkage to HIV Care: By Gender, 2010-2012



NOTES: 1) Linkage defined as having CD4 and viral load tests; 2) "Gender" refers to sex assigned at birth

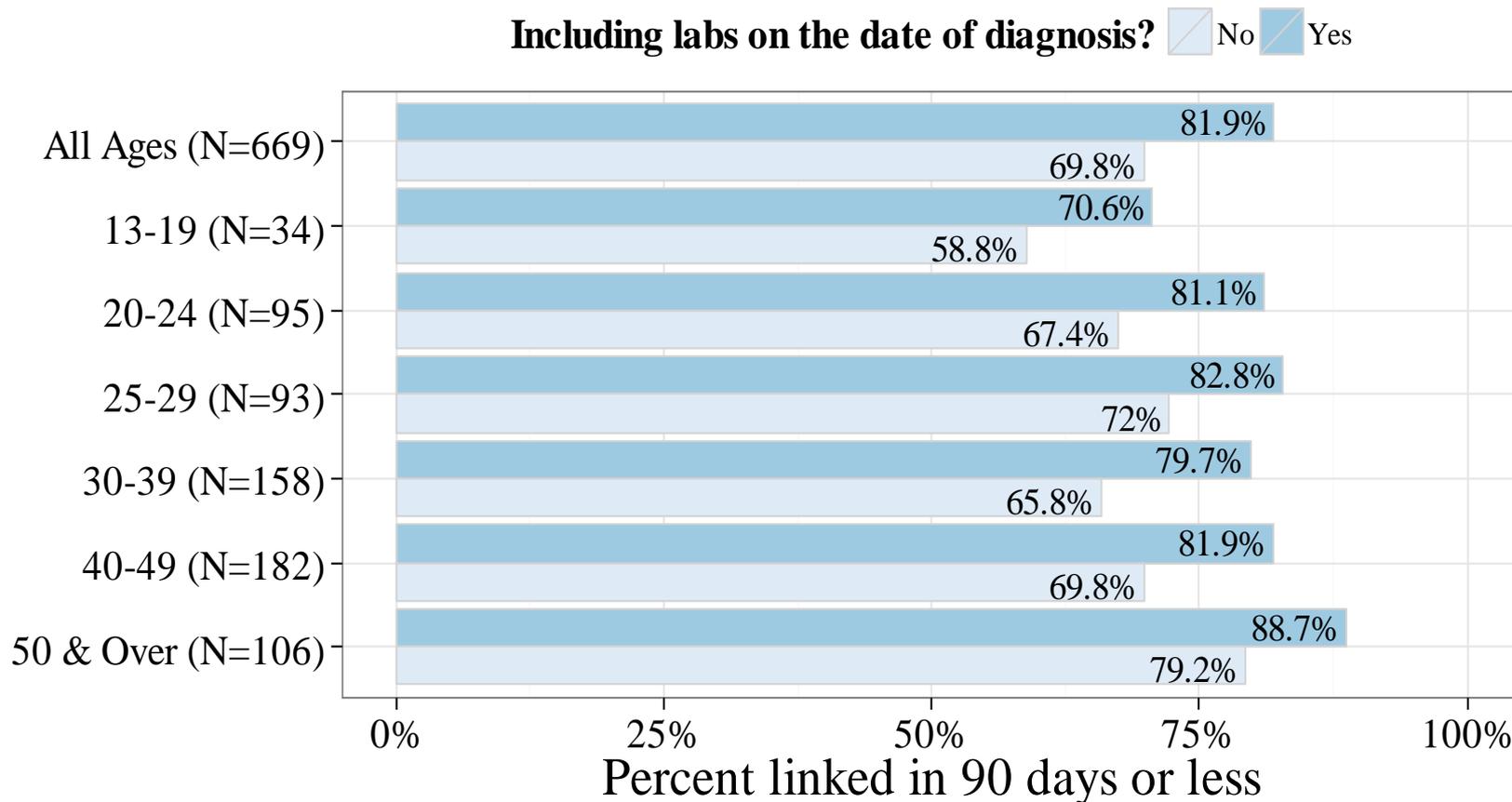
EXCLUSIONS: N=13 patients who died within 90 days of diagnosis

DATA SOURCE: Alameda County eHARS, 2014 Q2

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Linkage to HIV Care: By Age at Diagnosis, 2010-2012



NOTE: Linkage defined as having CD4 and viral load tests

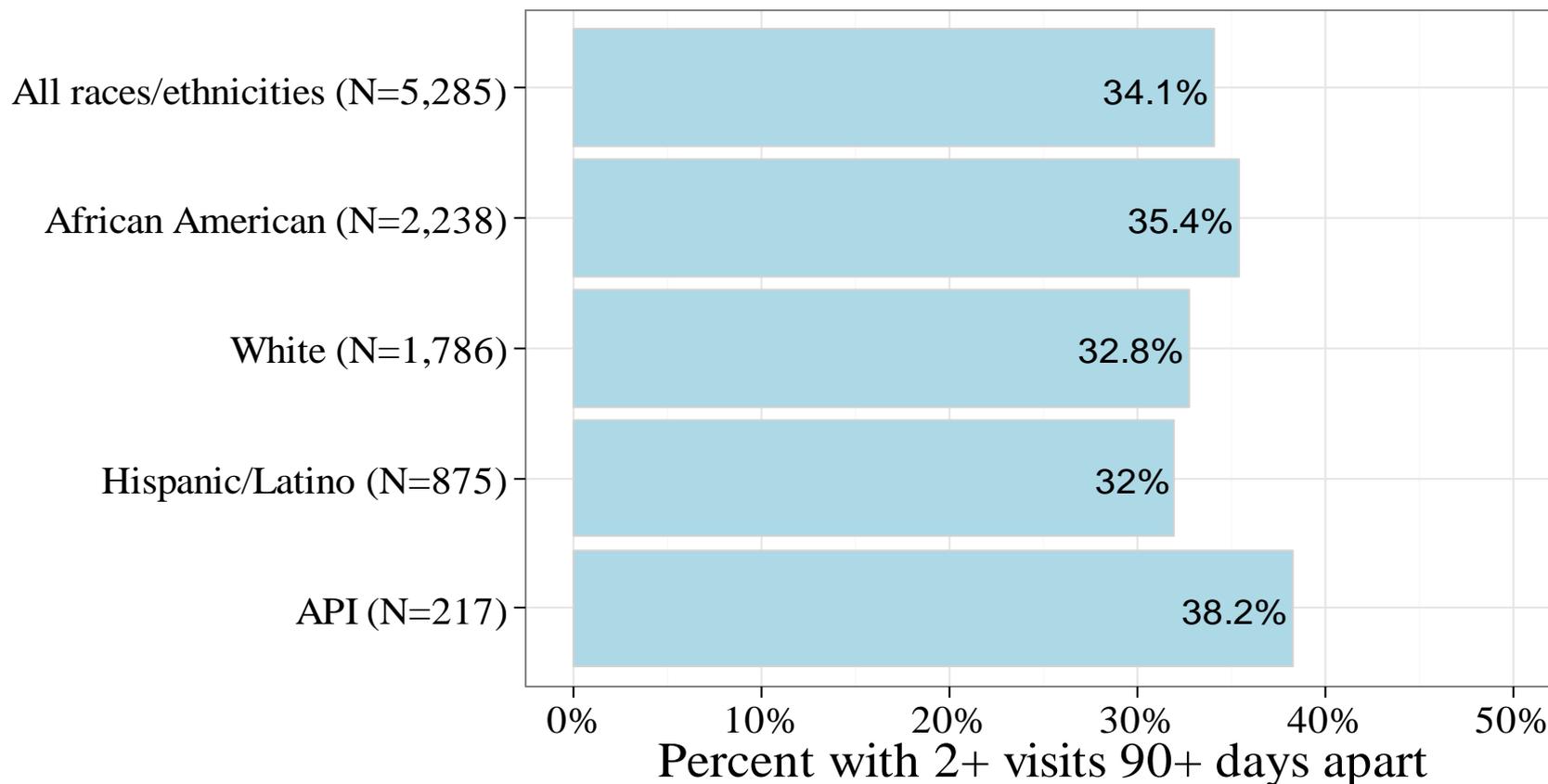
NOT SHOWN: N < 5 patients aged 5-12

DATA SOURCE: Alameda County eHARS, 2014 Q2

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The New Parkway Theater Oakland, CA

Retention in HIV Care: By Race/Ethnicity, 2012



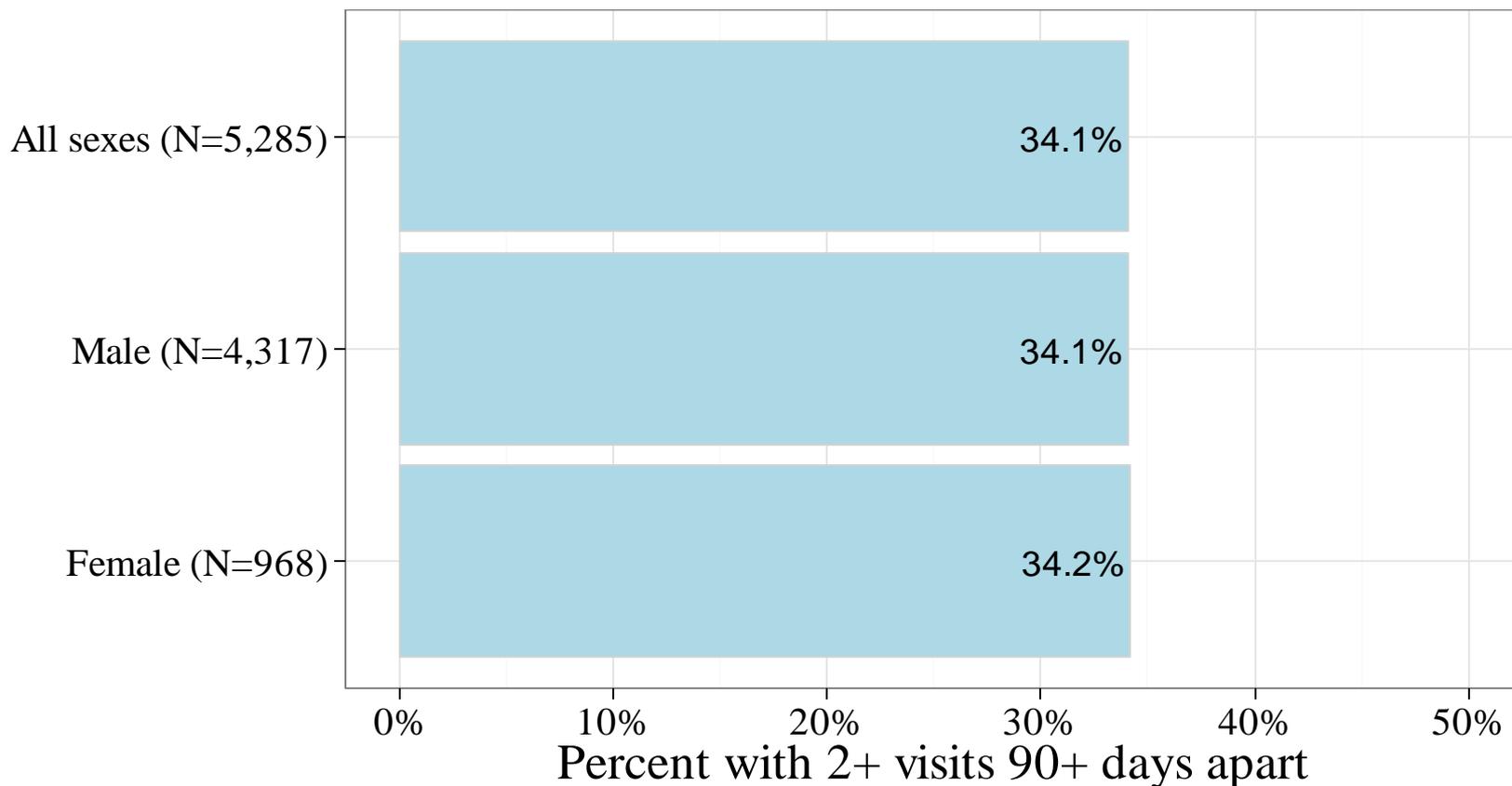
NOTE: Care visits defined as having CD4 and viral load tests

EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012

NOT SHOWN: N=169 PLHIV with other/unknown race/ethnicity

DATA SOURCE: Alameda County eHARS, 2014 Q2

Retention in HIV Care: By Gender, 2012



NOTE: Care visits defined as having CD4 and viral load tests; "Gender" refers to sex assigned at birth

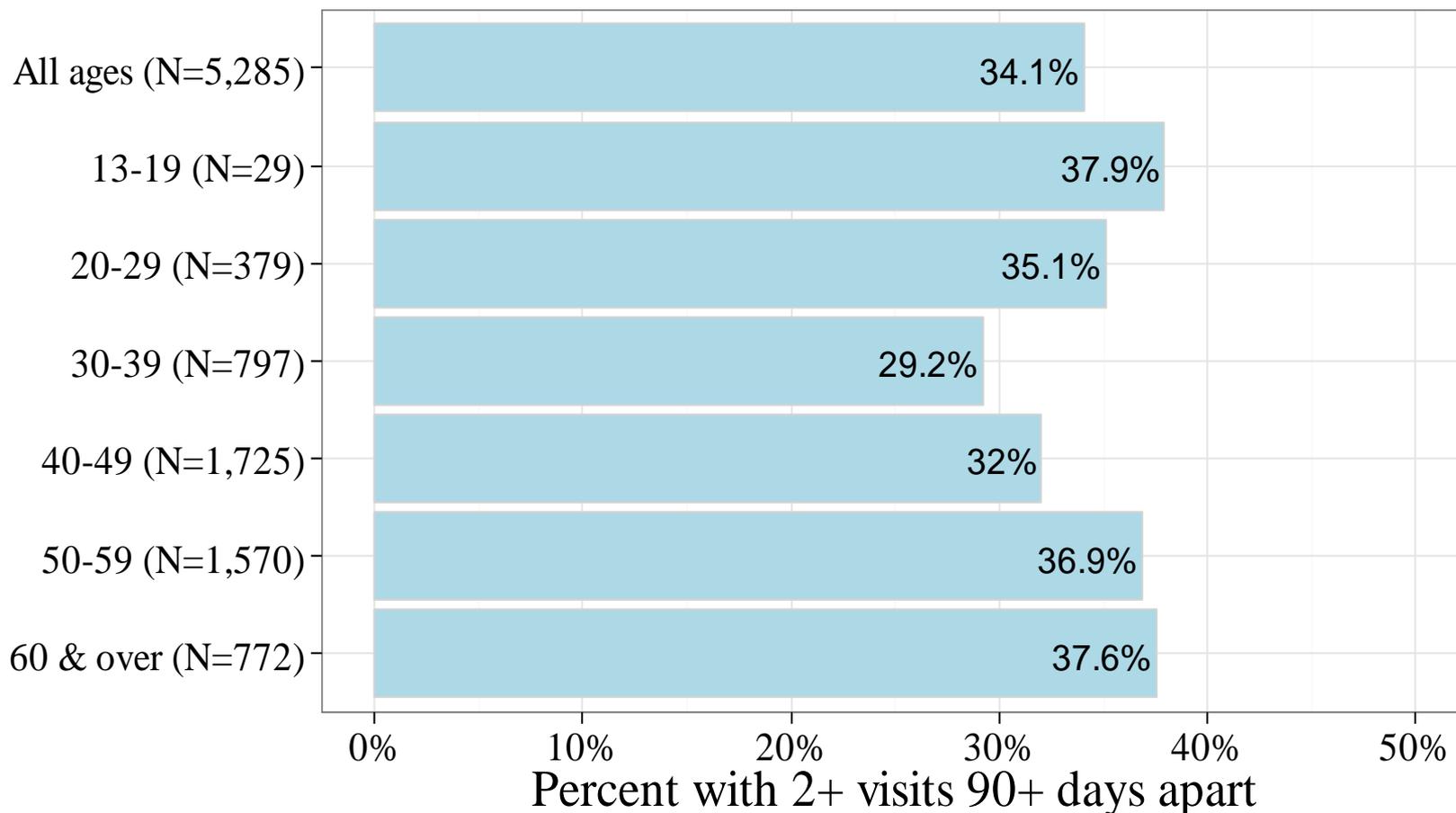
EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012

DATA SOURCE: Alameda County eHARS, 2014 Q2

Stepping Up the Pace: AIDS 2014 20th International Conference Hub

The New Parkway Theater Oakland, CA

Retention in HIV Care: By Age, 2012



NOTE: Care visits defined as having CD4 and viral load tests; age is at year-end 2011
EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012
NOT SHOWN: N=13 PLHIV aged 0-12
DATA SOURCE: Alameda County eHARS, 2014 Q2

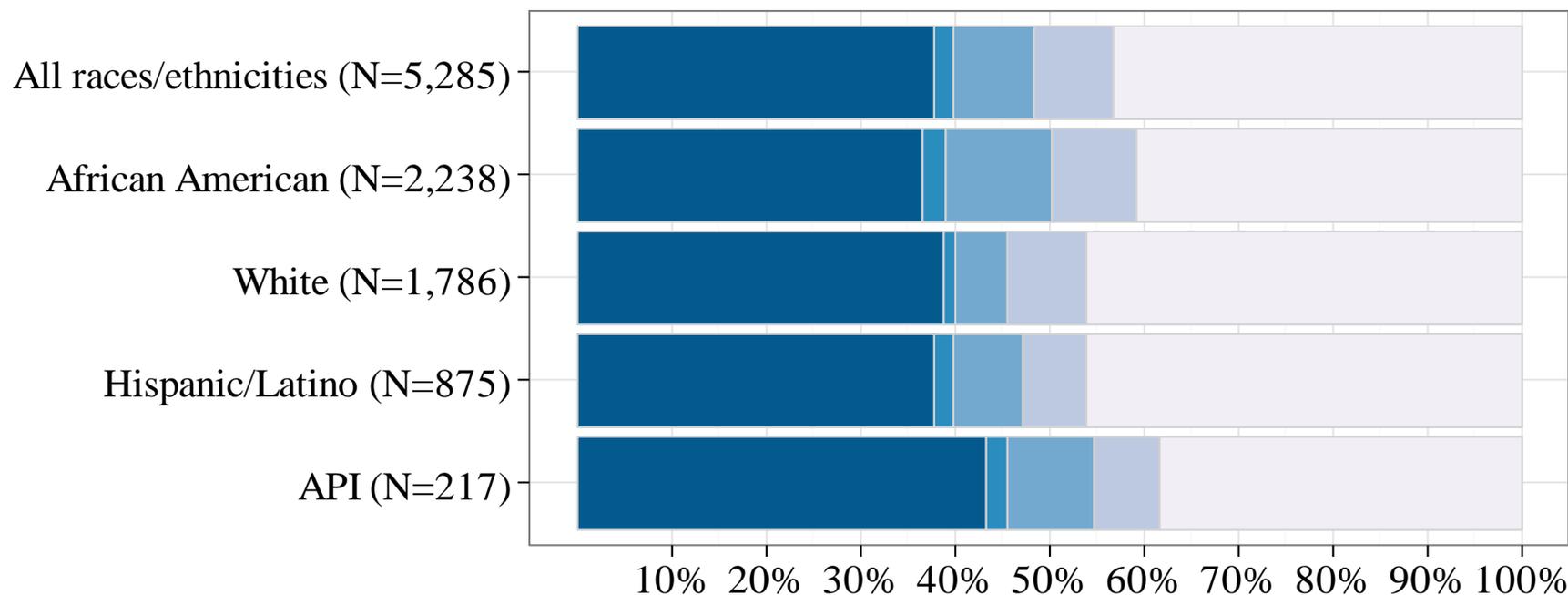
Stepping Up the Pace: AIDS 2014 20th International Conference Hub
The New Parkway Theater Oakland, CA

Headline Indicator: Viral Suppression



Virologic status

- Undetectable
- Suppressed
- Unsuppressed
- Only CD4 reported
- No labs reported



NOTE VL categories are defined as follows: Undetectable = 0-75 copies/mL , Suppressed = 76-199, Unsuppressed = 200+

EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012

NOT SHOWN: N=169 PLHIV with other/unknown race/ethnicity

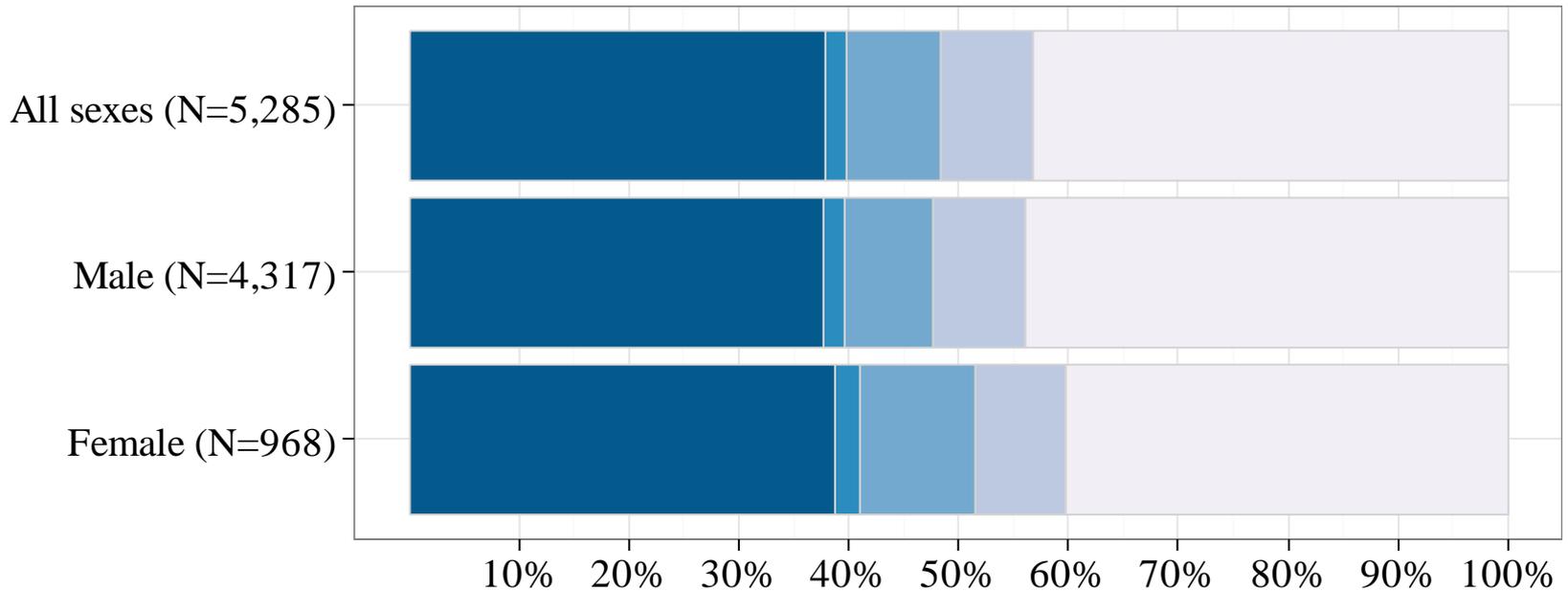
DATA SOURCE: Alameda County eHARS, 2014 Q2

More Detail: Viral Suppression by Gender



Virologic status

- Undetectable
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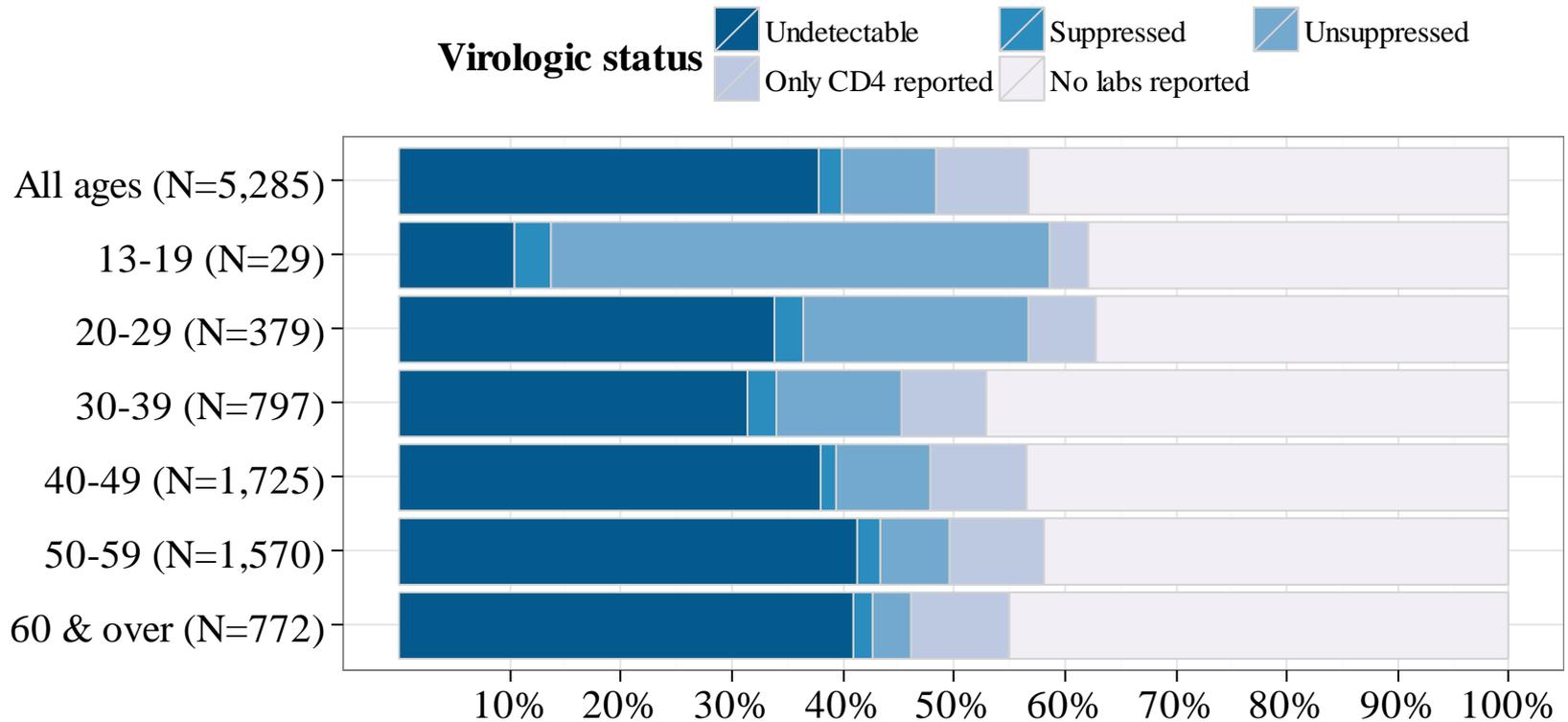


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More Detail: Viral Suppression by Age



NOTES: VL categories are defined as follows: Undetectable = 0-75 copies/mL , Suppressed = 76-199, Unsuppressed = 200+

EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012

NOT SHOWN: N=13 PLHIV aged 0-12

DATA SOURCE: Alameda County eHARS, 2014 Q2



In Summary:

Continuum of HIV Care, Alameda County

- Among new diagnoses:
 - 70-82% linked to care

- Among PLHIV:
 - 34% retained in care
 - 40% are virally suppressed



Special Thanks to...

Dr. Neena Murgai and Richard Lechtenberg
HIV Epidemiology and Surveillance Unit
HIV STD Section
Division of Communicable Disease
Control and Prevention
Alameda County Public Health Department

Any questions?
Thank you.

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