



# Epidemiology of HIV in Riverside County, 2021

Epidemiology & Program Evaluation  
Riverside University Health System – Public Health

- Notes:

- Regional geographic boundaries have been updated (see slide 7). Comparisons with previous reports should be done with caution.
- In 2020 and 2021, HIV case investigation and reporting was hampered due to the COVID19 pandemic. The Riverside County Public Health HIV-STD investigation team is working to confirm all cases.

## HIV/AIDS Information

For general information on HIV, frequently asked questions or to find a testing or treatment location, please visit:

Riverside County HIV/STD Program website:

<http://www.rivcohiv aids.org/>

Or call:

(951) 358-5307 Voice

(800) 243-7275 Hotline | (800) STD-FACTS

(951) 358-6038 HIV/STD/PrEP Clinic Appointments

(951) 358-5407 Fax

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## Terms Used in this Report

This report is based on Human Immunodeficiency Virus (HIV) case surveillance in Riverside County, California.

For HIV surveillance,

- **Prevalence:** Refers to living persons with HIV disease who are reported to be living in Riverside County, regardless of time of infection or date of diagnosis.
- **Incidence:** Newly diagnosed cases of HIV in a population during a specific time period.
- **Rate:** Common method used to compare the burden of a disease across populations of different sizes.
- **PLWH:** Persons living with HIV or AIDS (HIV Stage 3).

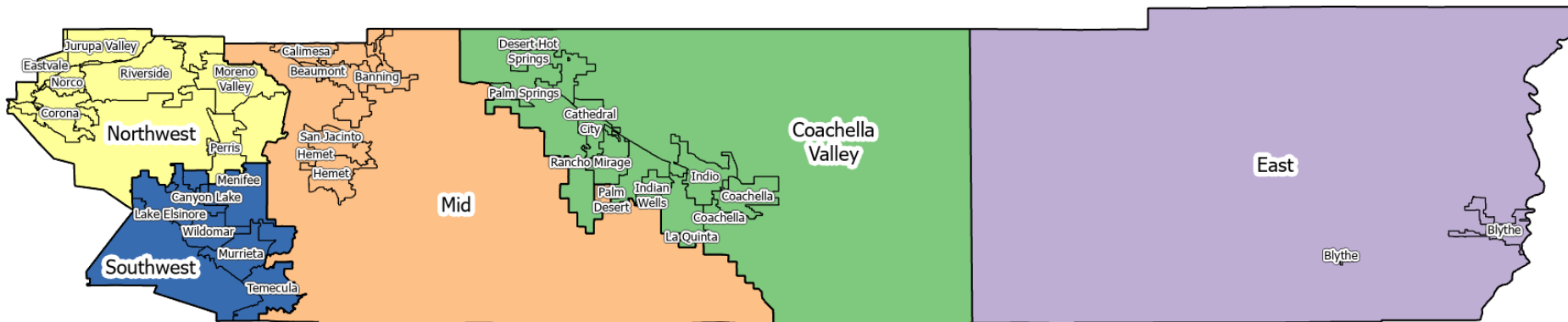
# Stages of HIV Infection

- **HIV Stage 1:** Acute HIV infection, within 2 – 4 weeks after infection.
- **HIV Stage 2:** Clinical latency (HIV inactivity or dormancy). This period is sometimes called asymptomatic HIV infection or chronic HIV infection. During this phase, HIV is still active but reproduces at very low levels. People may not have any symptoms or get sick during this time.
- **HIV Stage 3:** Acquired immunodeficiency syndrome (AIDS), AIDS is the most severe phase of HIV infection.

Source: <https://www.cdc.gov/hiv/basics/whatishiv.html>, accessed 12/01/2021.

# Riverside County, CA

Throughout this report, Riverside County data is highlighted in five regions (Northwest, Southwest, Mid, the Coachella Valley, and Eastern Riverside County).



Regional geographic boundaries have been updated. Comparisons with previous reports should be done with caution.

# Prevalence

People currently living with HIV in Riverside County



# Persons living with diagnosed HIV (All Stages) by year, Riverside County and California, 2016 - 2021

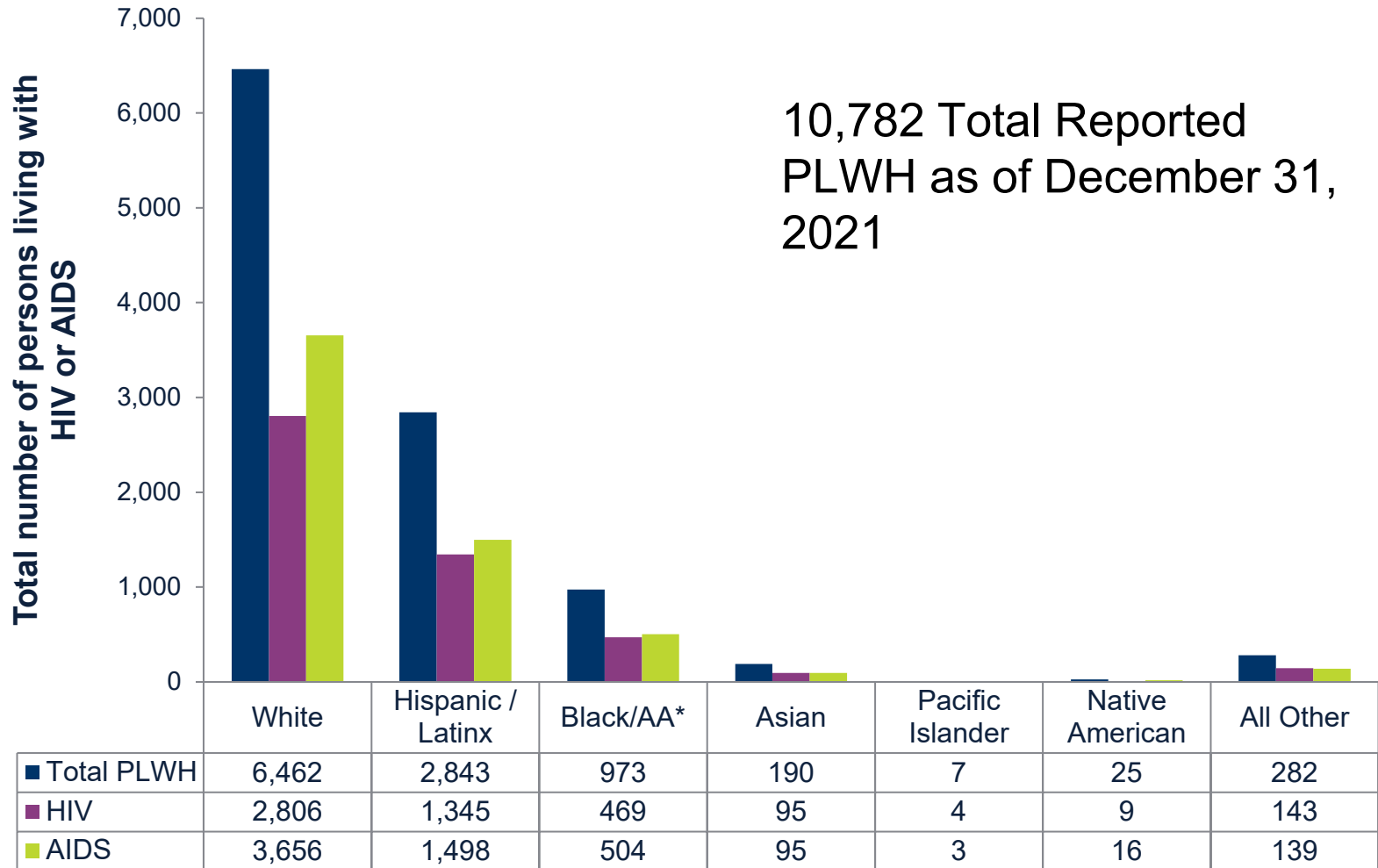
Count and Rate per 100,000 Population, Riverside County, CA						
	2016*	2017	2018	2019	2020	2021
Total Cases	8,180	9,008	9,567	9,911	10,337	10,782
Rate per 100,000 population	346.5	376.6	397.2	408.1	422.0	435.1

Count and Rate per 100,000 Population, California						
	2016	2017	2018	2019	2020	2021**
Total Cases	132,908	135,082	136,566	137,785	137,785	N/A
Rate per 100,000 population	337.7	340.3	342.9	344.8	348.1	N/A

\*In 2015/2016 there was a change in prevalence reporting methodology to reflect the number of PLWH currently living in the county rather than those diagnosed in the county.

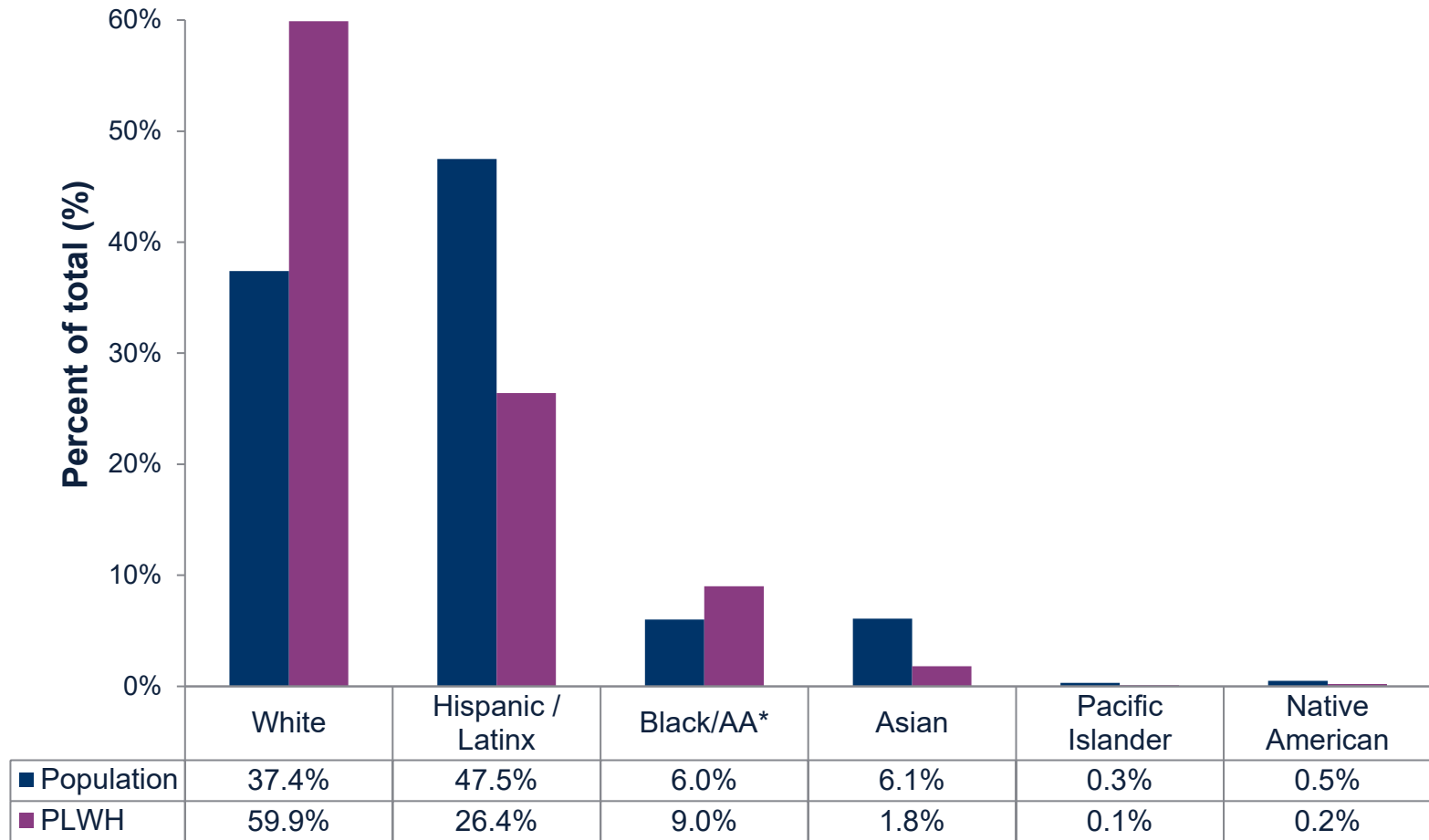
\*\*The California Department of Public Health, Office of AIDS', official HIV prevalence and incidence numbers had not been released at the time of this report.

# Count of Living HIV and AIDS (HIV Stage 3) Cases by Race/Ethnicity, Riverside County, CA 2021



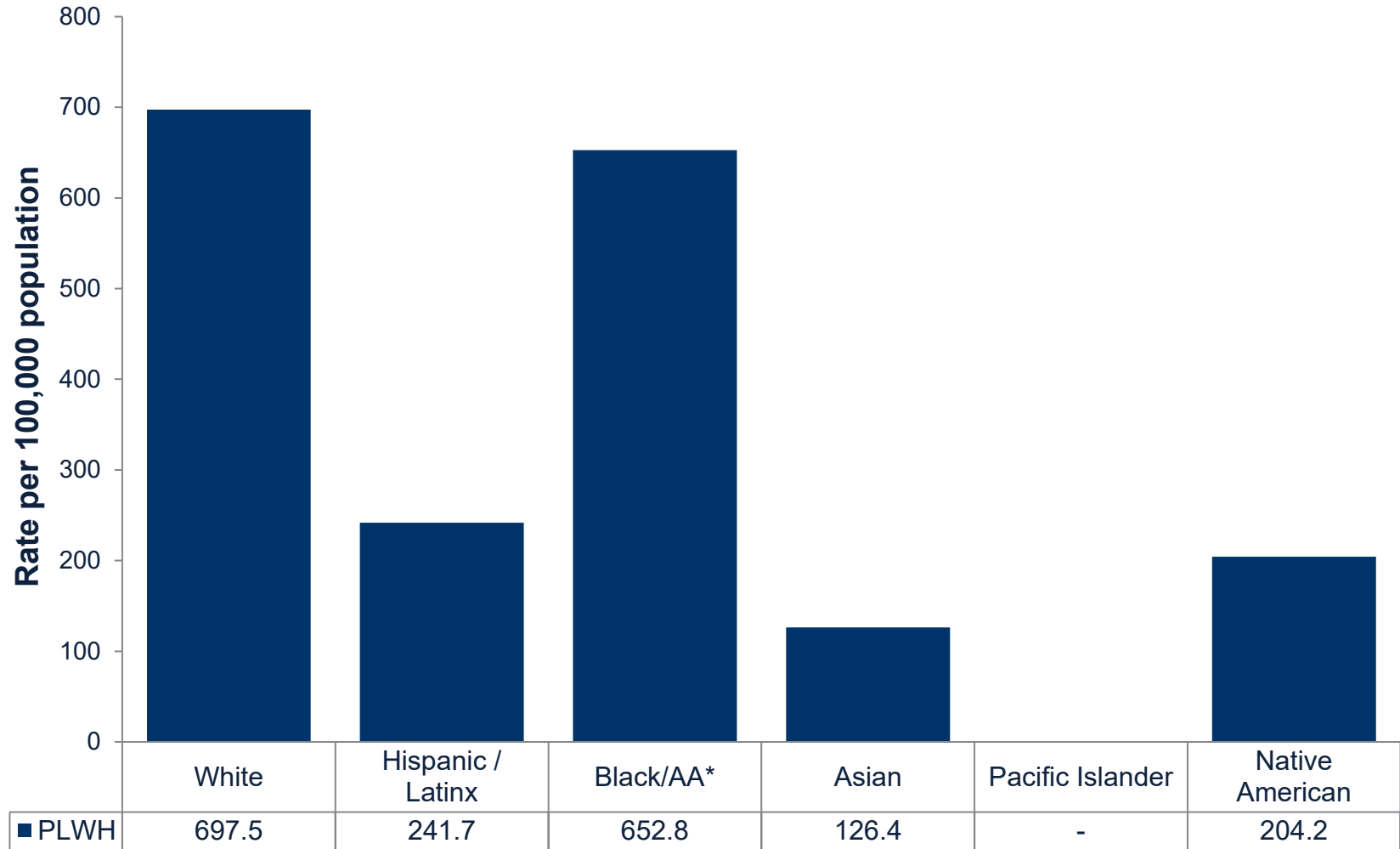
\*AA=African American

# Proportion of the Total Population, Prevalent HIV (All Stages) Cases by Race/Ethnicity, Riverside County, CA 2021



\*AA=African American

# HIV (All Stages) Prevalence (Living) Rates by Race/Ethnicity, Riverside County, CA 2021



\*AA=African American

# HIV (All Stages) Prevalence (Living) by Gender, Riverside County, CA 2021

Gender*	Number of Cases	Percent of cases	Rate per 100,000
cis-Male	9,915	92.0%	803.2
cis-Female	796	7.4%	64.0
Trans-male	13	0.1%	-
Trans-female	53	0.5%	-
Unknown	5	0.0%	-

**\*Note:**

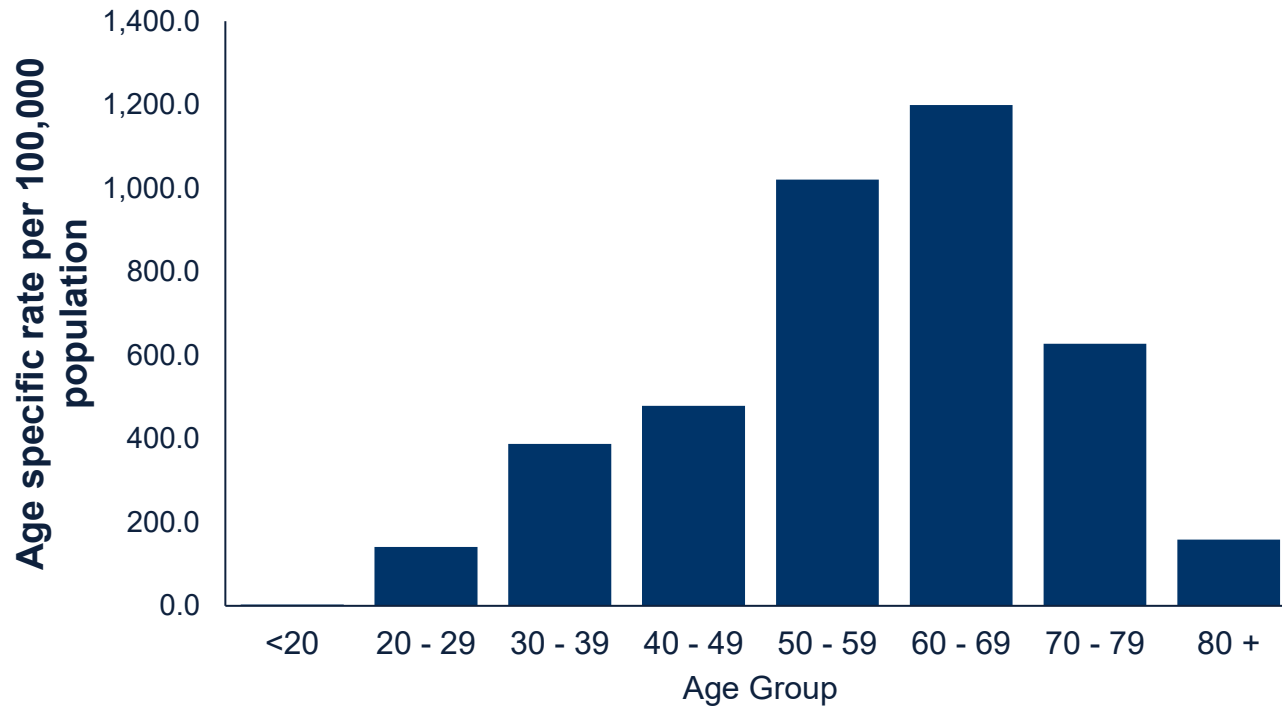
cis-Male: a person who was assigned male at birth and whose gender identity is male.

cis-Female: a person who was assigned female at birth and whose gender identity is female.

Transgender: a person whose gender identity does not correspond to that person's gender assigned at birth.

Prevalence rates are not calculated for the transgender population due to uncertainty of the size of the total transgender population.

# Age Specific HIV (All Stages) Prevalence Rates with Counts and Percent of Total, Riverside County, CA 2021

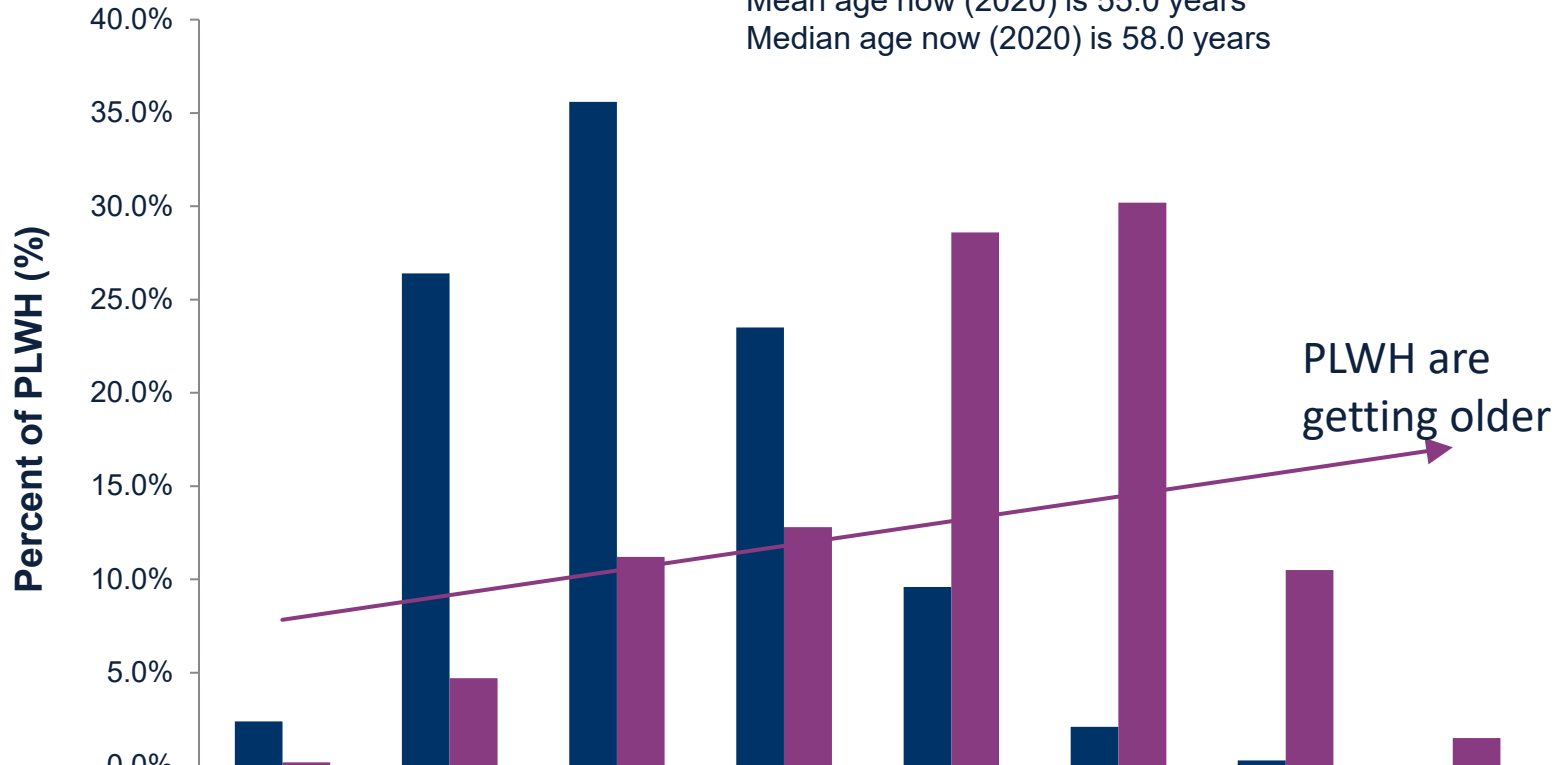


Age Group	< 20	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 +
Count	20	508	1,204	1,383	3,089	3,256	1,134	162
Percent	0.2%	4.7%	11.2%	12.8%	28.6%	30.2%	10.5%	1.5%
Age Specific Rate Per 100,000	3.0	140.9	387.5	478.9	1,020.5	1,199.4	627.4	158.3

Note: Based on patients' age as of December 31, 2021.  
Current age data not available for 26 individuals.

# PLWH (All Stages) by Age at Time of HIV Diagnosis (Dx) vs. Age Now (2021)

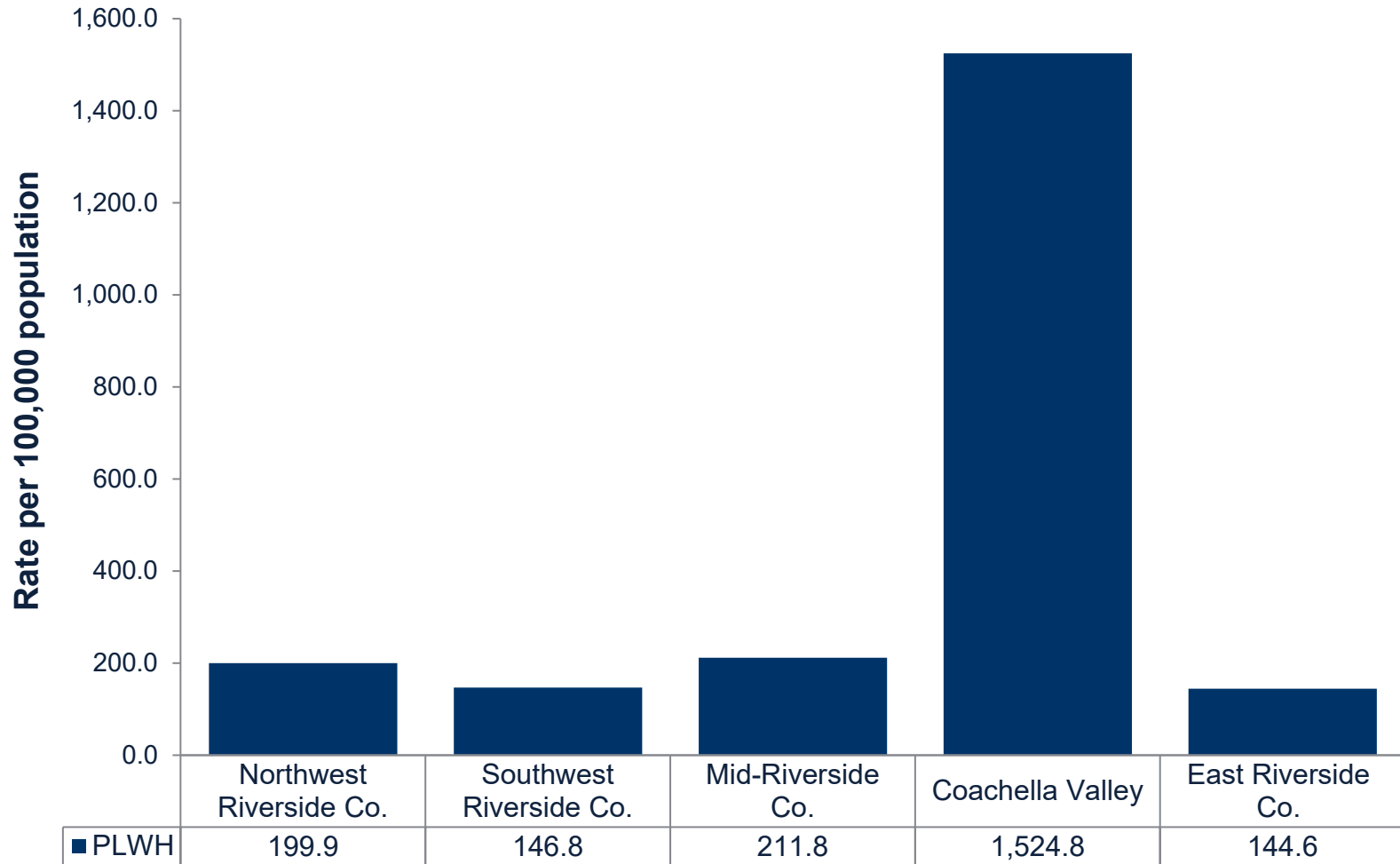
Mean age at HIV diagnosis is 36.4 years  
 Median age at HIV diagnosis is 35.0 years  
 Mean age now (2020) is 55.0 years  
 Median age now (2020) is 58.0 years



	< 20 years	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 +
■ Age at HIV Dx.	2.4%	26.4%	35.6%	23.5%	9.6%	2.1%	0.3%	0.0%
■ Age Now	0.2%	4.7%	11.2%	12.8%	28.6%	30.2%	10.5%	1.5%

Note: Age Now is based on patients' age as of December 31, 2021

# HIV (All Stages) Prevalence (Living) by Region, Riverside County, CA 2021

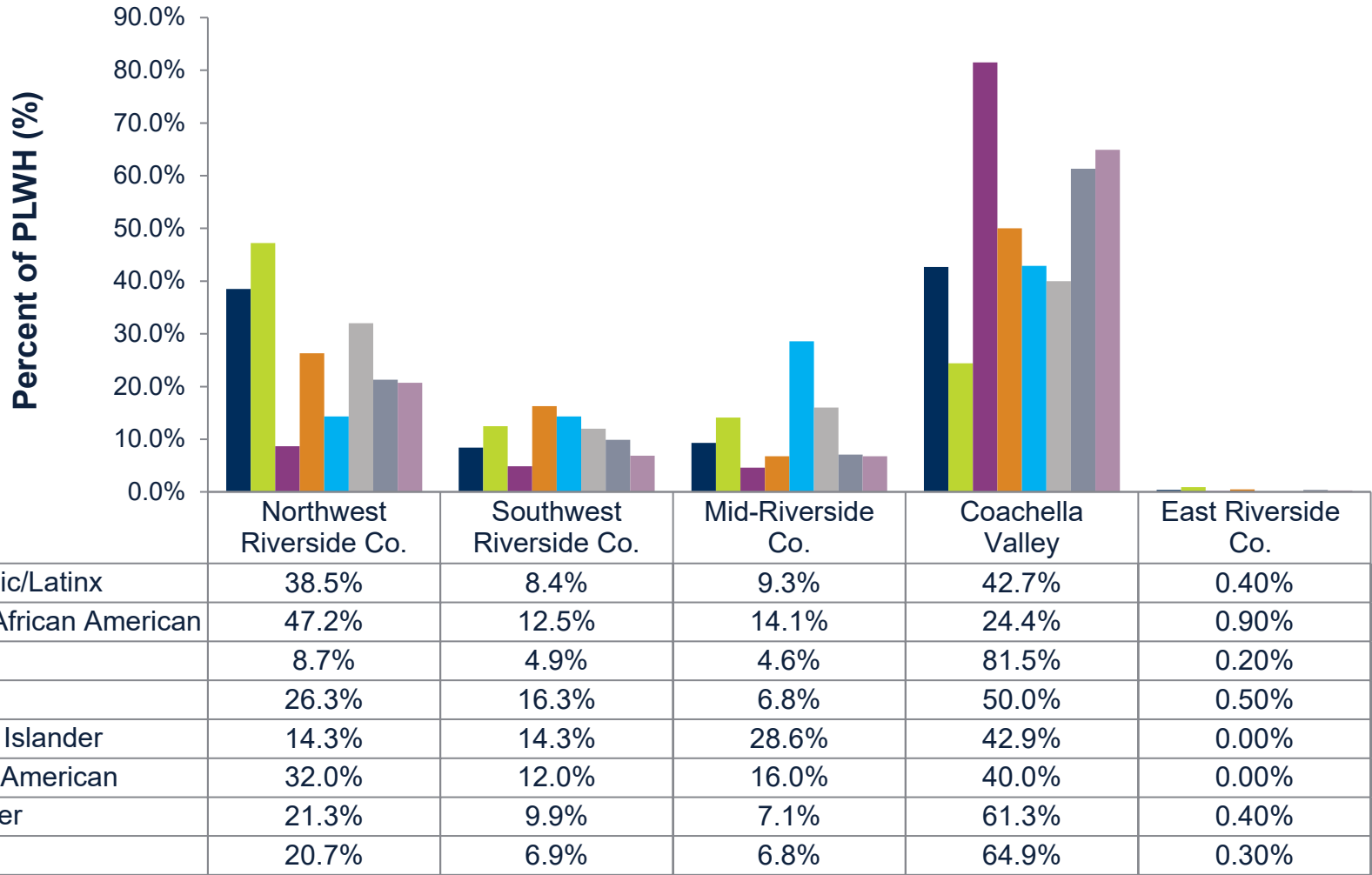




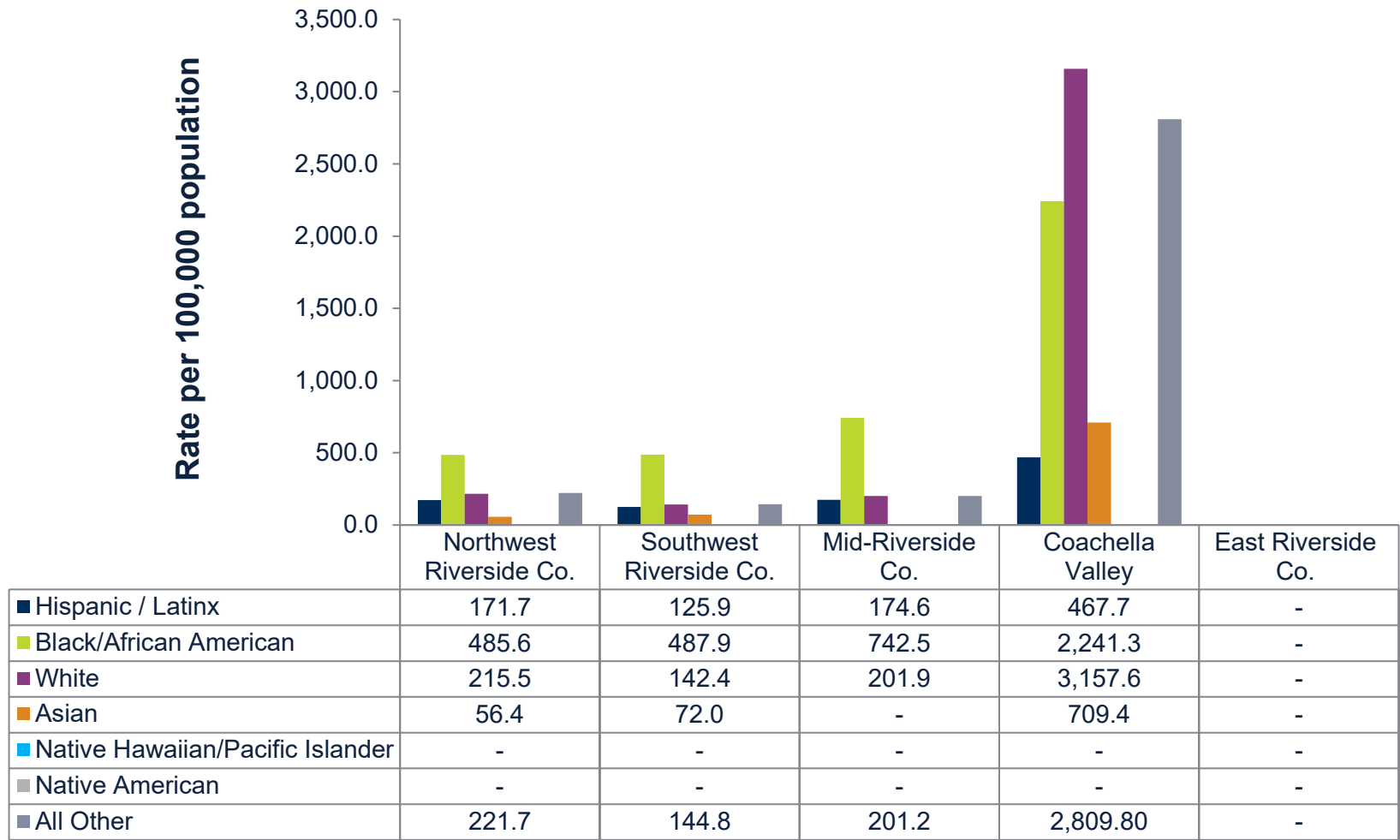
# Count of PLWH (All Stages) by Race/Ethnicity and County Region, 2021

	Hispanic/Latinx	Black/African American	White	Asian	Pacific Islander	Native American	All Other	Total
Northwest	1,094	459	562	50	1	8	60	2,234
Southwest	239	122	319	31	1	3	28	743
Mid-Riverside Co.	264	137	296	13	2	4	20	736
Coachella Valley	1,213	237	5,264	95	3	10	173	6,995
Eastern Riverside Co.	12	9	12	1	0	0	1	35
Unknown	21	9	9	0	0	0	0	39
<b>Total</b>	<b>2,843</b>	<b>973</b>	<b>6,462</b>	<b>190</b>	<b>7</b>	<b>25</b>	<b>282</b>	<b>10,782</b>

# Racial/Ethnic Distribution of PLWH (All Stages) by County Region, 2021



# HIV (All Stages) Prevalence Rates by Race/Ethnicity and County Region, Riverside County, CA 2021



Rates not calculated for race/ethnicities with less than 20 cases

# HIV Incidence

New HIV cases by year of diagnosis in Riverside County

# New HIV Diagnoses by Year, Riverside County and California, 2016 - 2021

## Count and Rate per 100,000 Population, Riverside County, CA

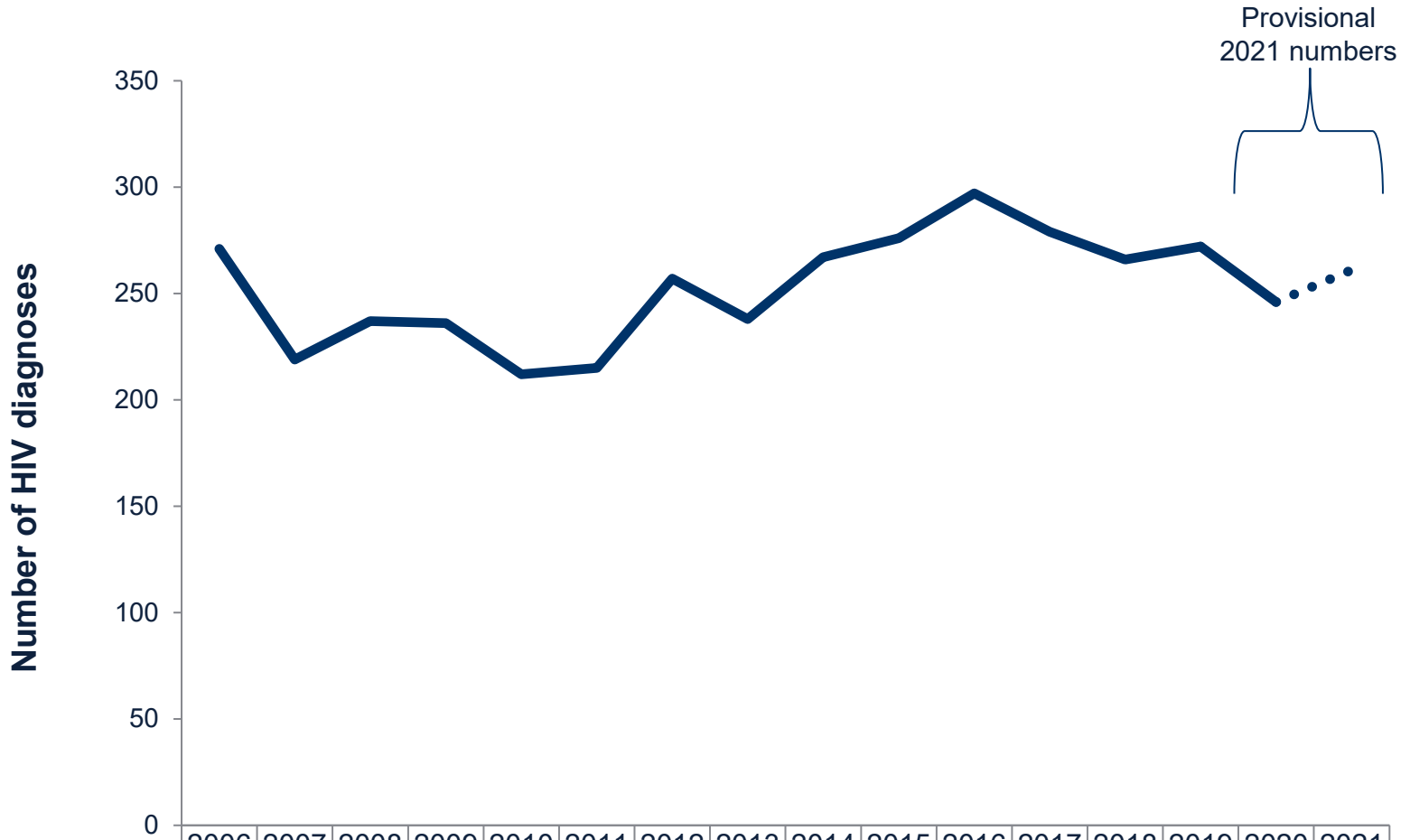
	2016	2017	2018	2019	2020	2021*
Total Cases	297	279	266	272	246	261
Rate per 100,000 population	12.6	11.7	11.0	11.2	10.0	10.5

## Count and Rate per 100,000 Population, California

	2016	2017	2018	2019	2020	2021
Total Cases	5,114	4,853	4,763	4,396	3,965	Not Available
Rate per 100,000 population	13.0	12.3	12.0	11.0	9.9	Not Available

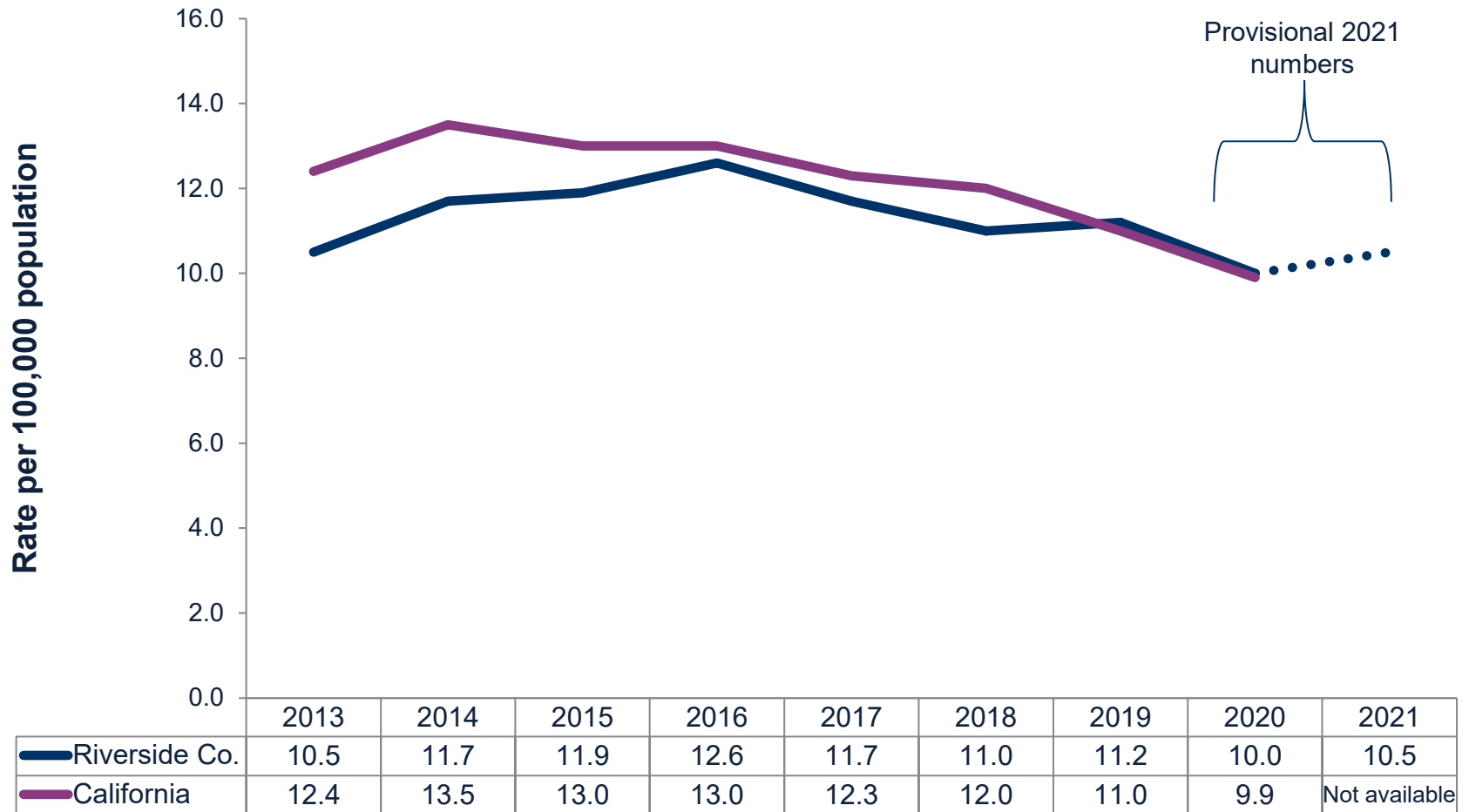
\*2021 data should be considered provisional

# Count of HIV Diagnoses by Year, Riverside County, CA

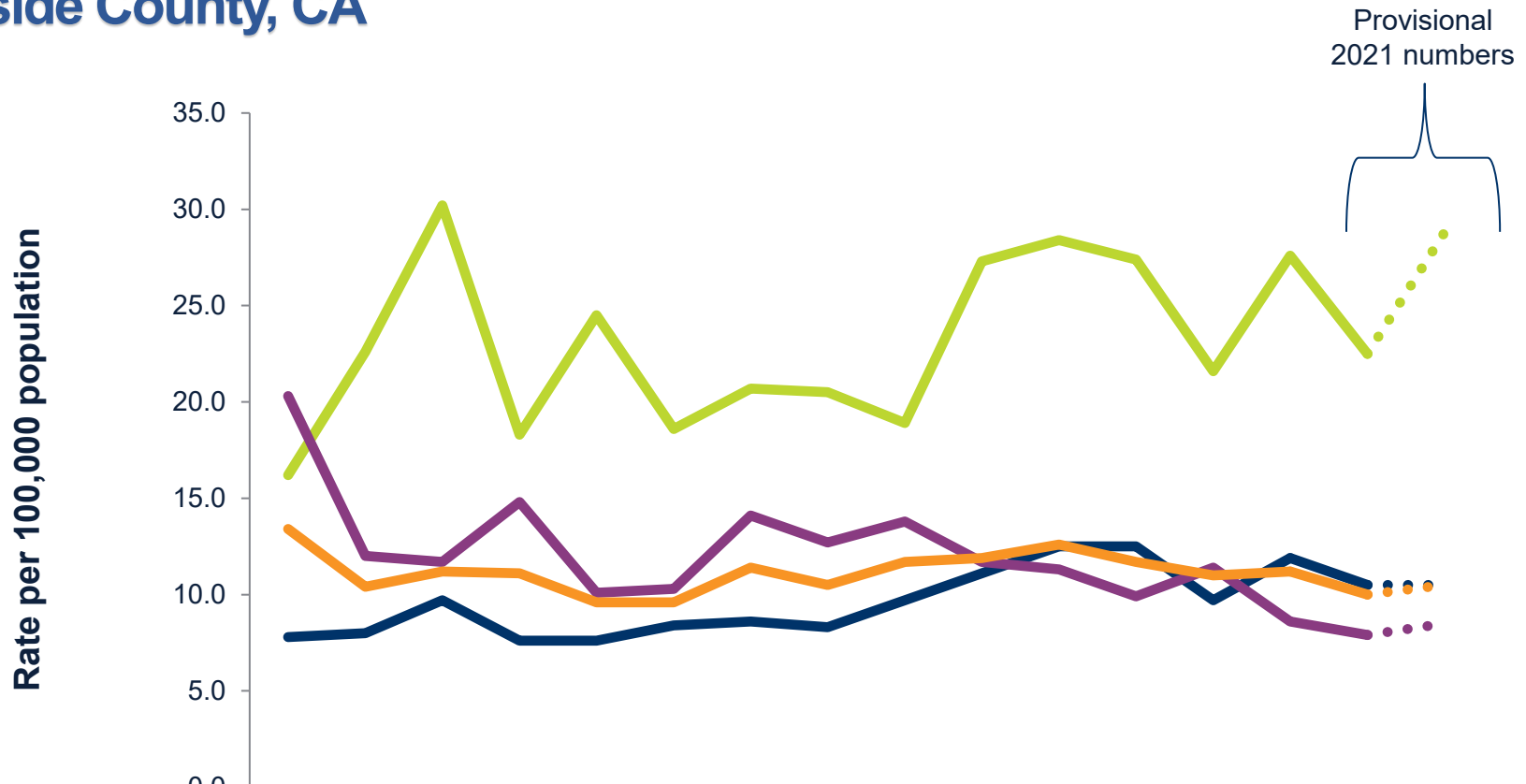


	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
— HIV Diagnoses	271	219	237	236	212	215	257	238	267	276	297	279	266	272	246	261

# HIV Incidence Rates, Riverside County and California, 2013 - 2021



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

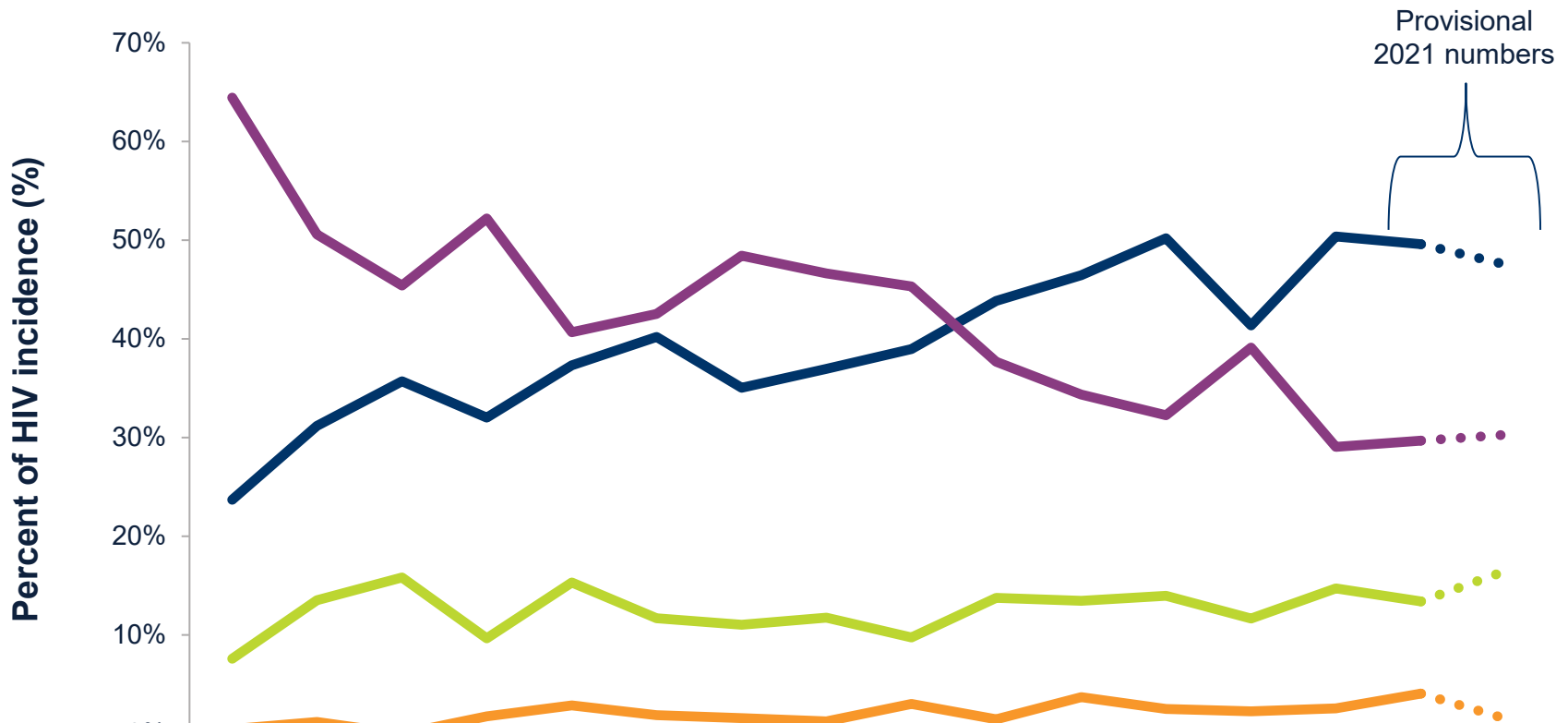


	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Hispanic / Latinx	7.8	8.0	9.7	7.6	7.6	8.4	8.6	8.3	9.7	11.1	12.5	12.5	9.7	11.9	10.5	10.5
Black/African American	16.2	22.6	30.2	18.3	24.5	18.6	20.7	20.5	18.9	27.3	28.4	27.4	21.6	27.6	22.5	28.8
White	20.3	12.0	11.7	14.8	10.1	10.3	14.1	12.7	13.8	11.7	11.3	9.9	11.4	8.6	7.9	8.5
Riverside County	13.4	10.4	11.2	11.1	9.6	9.6	11.4	10.5	11.7	11.9	12.6	11.7	11.0	11.2	10.0	10.5

Rates not calculated for race/ethnicities with less than 20 cases per year



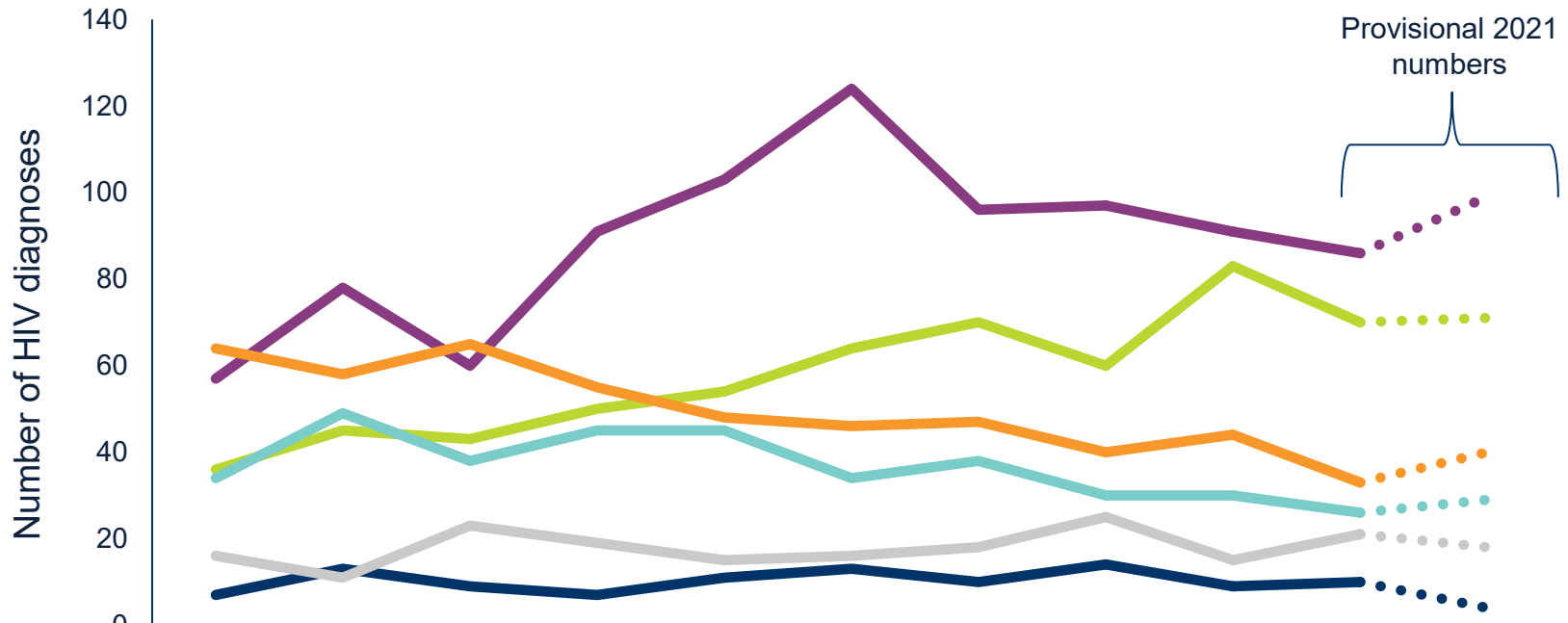
# Proportion of HIV Cases by Race/Ethnicity, Riverside County, CA



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Hispanic/Latinx	23.7%	31.2%	35.7%	32.0%	37.3%	40.2%	35.0%	37.0%	39.0%	43.8%	46.5%	50.2%	41.4%	50.4%	49.6%	47.5%
Black/AA*	7.6%	13.5%	15.8%	9.7%	15.3%	11.7%	11.0%	11.8%	9.7%	13.8%	13.5%	14.0%	11.7%	14.7%	13.4%	16.5%
White	64.5%	50.6%	45.4%	52.2%	40.7%	42.5%	48.4%	46.6%	45.3%	37.7%	34.3%	32.3%	39.1%	29.0%	29.7%	30.3%
Asian	0.5%	1.2%	0.0%	1.8%	2.9%	1.9%	1.6%	1.3%	3.0%	1.5%	3.7%	2.5%	2.3%	2.6%	4.1%	1.5%

\*AA=African American

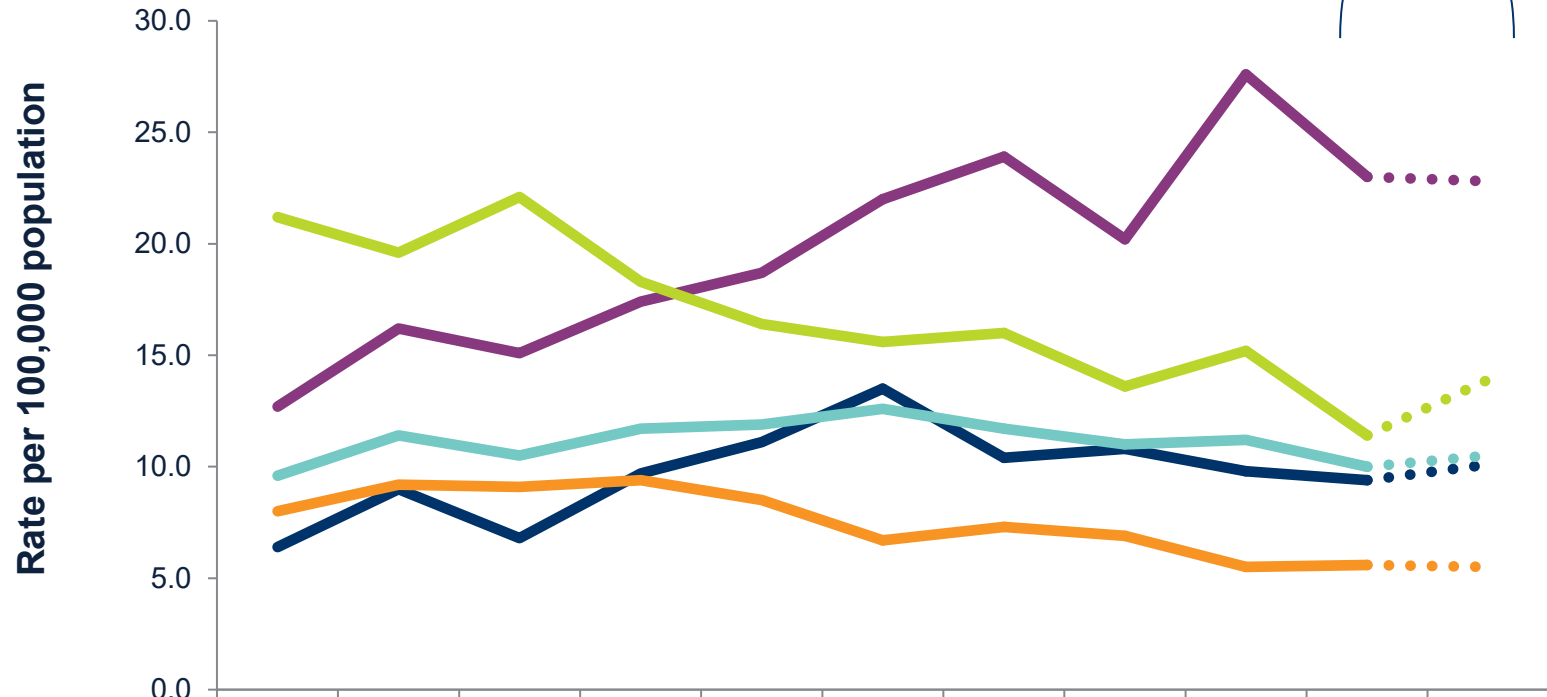
# Number of New HIV Cases by Year and Age, Riverside County, CA



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<20	7	13	9	7	11	13	10	14	9	10	4
20 - 29	57	78	60	91	103	124	96	97	91	86	99
30 - 39	36	45	43	50	54	64	70	60	83	70	71
40 - 49	64	58	65	55	48	46	47	40	44	33	40
50 - 59	34	49	38	45	45	34	38	30	30	26	29
60+	16	11	23	19	15	16	18	25	15	21	18

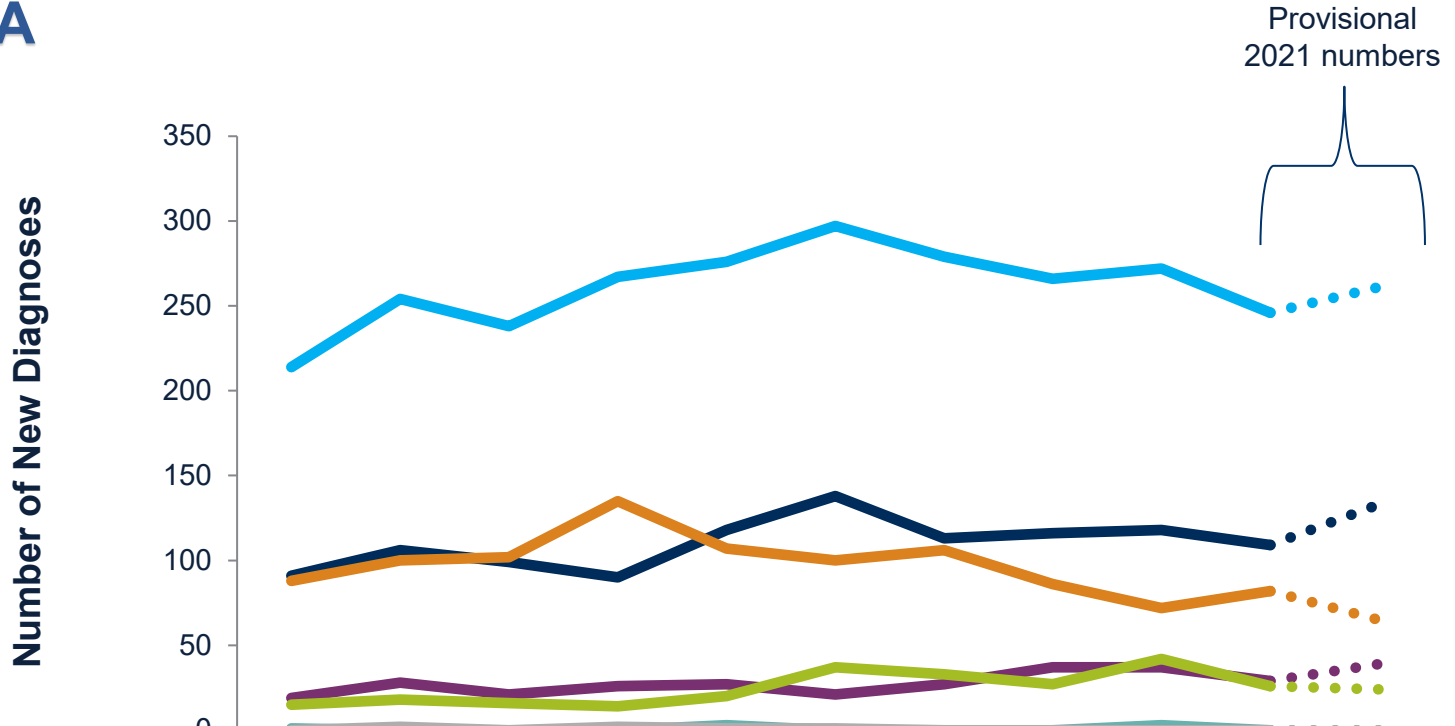
# Age Specific HIV Incidence Rates by Year, Riverside County, CA

Provisional  
2021 numbers



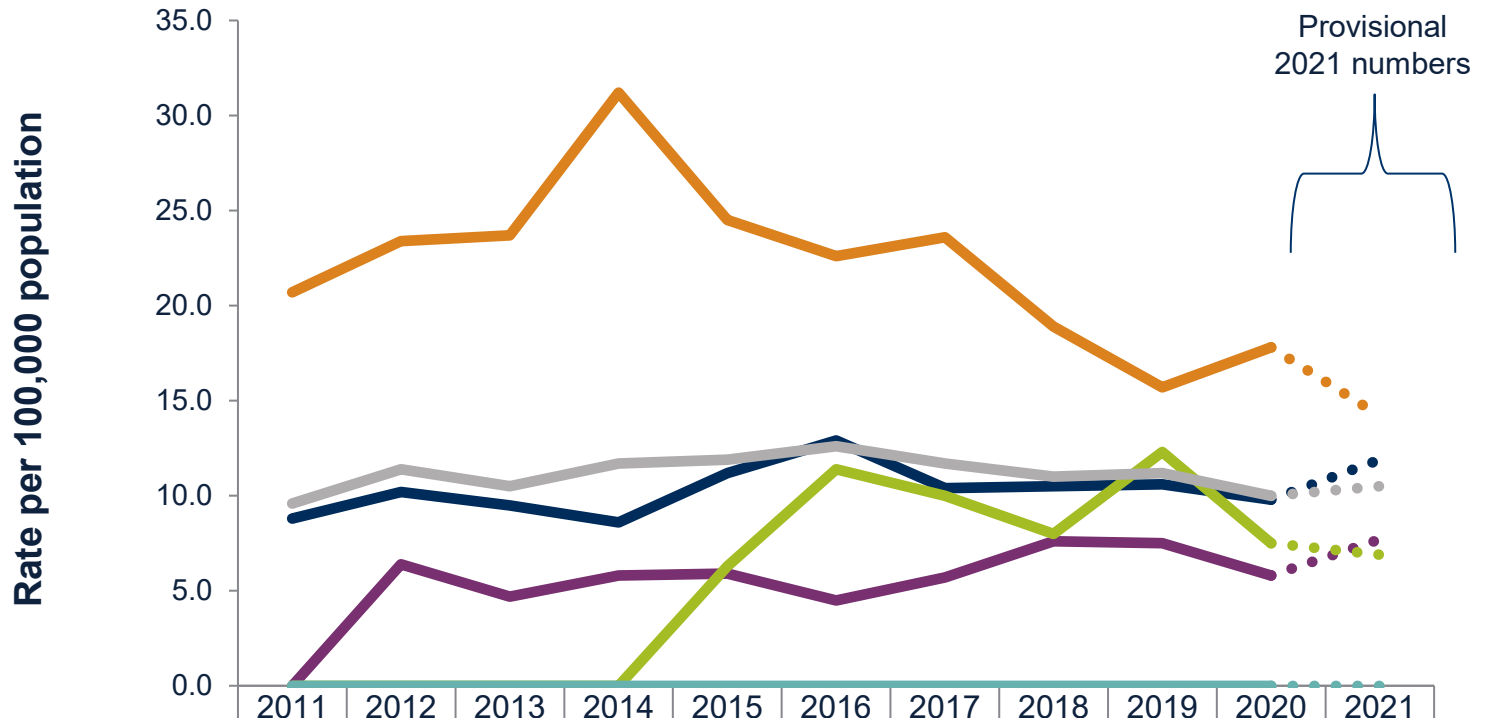
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
< 30	6.4	9.0	6.8	9.7	11.1	13.5	10.4	10.8	9.8	9.4	10.1
30 - 39	12.7	16.2	15.1	17.4	18.7	22.0	23.9	20.2	27.6	23.0	22.8
40 - 49	21.2	19.6	22.1	18.3	16.4	15.6	16.0	13.6	15.2	11.4	13.9
50+	8.0	9.2	9.1	9.4	8.5	6.7	7.3	6.9	5.5	5.6	5.5
County Overall	9.6	11.4	10.5	11.7	11.9	12.6	11.7	11.0	11.2	10.0	10.5

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



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Northwest Riverside Co.	91	106	99	90	118	138	113	116	118	109	133
Southwest Riverside Co.	19	28	21	26	27	21	27	37	37	29	39
Mid-Riverside Co.	15	18	16	14	20	37	33	27	42	26	24
Coachella Valley	88	100	102	135	107	100	106	86	72	82	65
East Riverside Co.	1	0	0	0	3	0	0	0	3	0	0
Unknown	0	2	0	2	1	1	0	0	0	0	0
<b>Total</b>	<b>214</b>	<b>254</b>	<b>238</b>	<b>267</b>	<b>276</b>	<b>297</b>	<b>279</b>	<b>266</b>	<b>272</b>	<b>246</b>	<b>261</b>

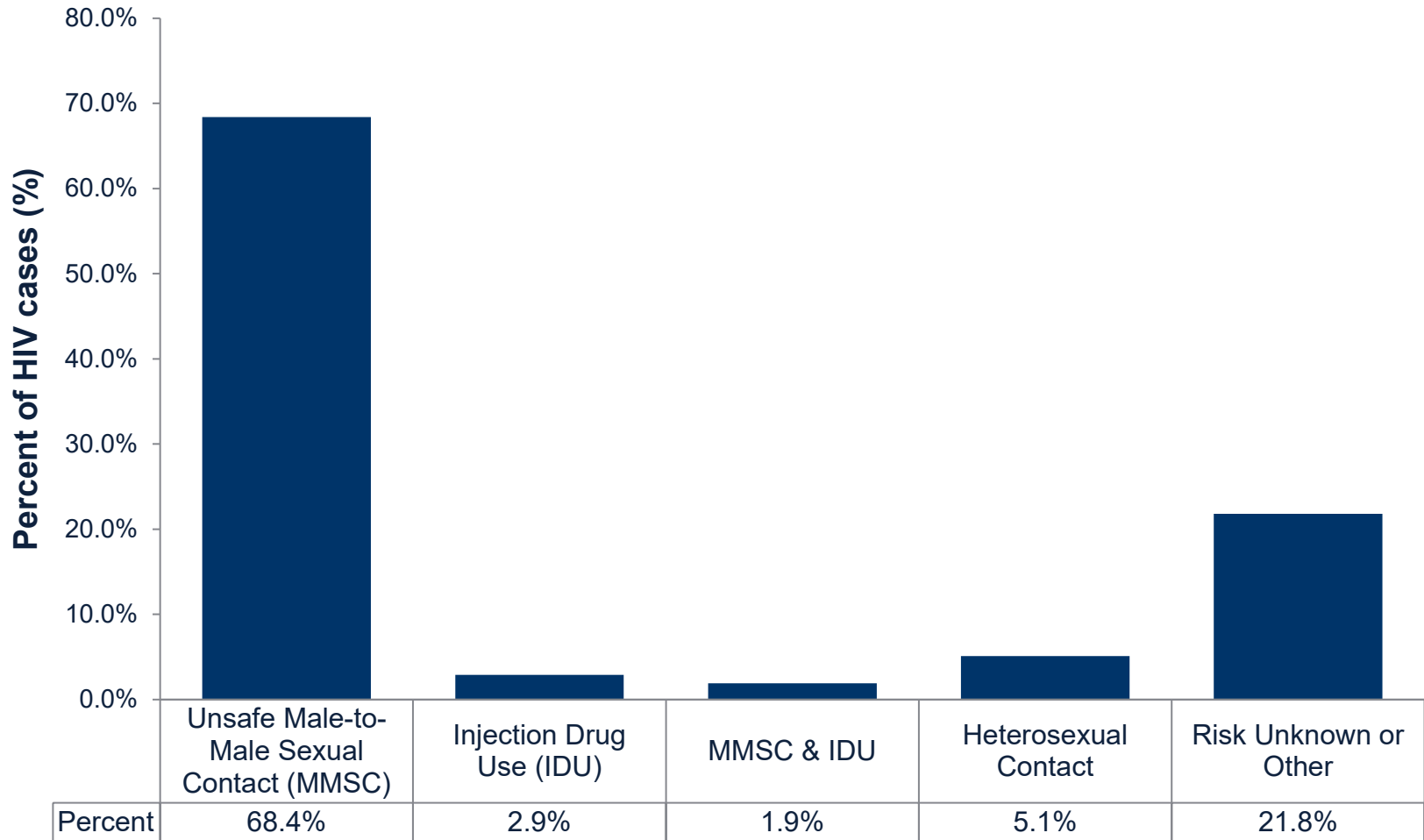
# HIV Incidence Rate by Year of Diagnosis and County Region, Riverside County, CA



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Northwest Riverside Co.	8.8	10.2	9.5	8.6	11.2	12.9	10.4	10.5	10.6	9.8	11.9
Southwest Riverside Co.	-	6.4	4.7	5.8	5.9	4.5	5.7	7.6	7.5	5.8	7.7
Mid-Riverside Co.	-	-	-	-	6.3	11.4	10	8	12.3	7.5	6.9
Coachella Valley	20.7	23.4	23.7	31.2	24.5	22.6	23.6	18.9	15.7	17.8	14.2
East Riverside Co.	-	-	-	-	-	-	-	-	-	-	-
Riverside County	9.6	11.4	10.5	11.7	11.9	12.6	11.7	11.0	11.2	10.0	10.5

Rates not calculated for regions/years with less than 20 cases

# Reported Risk Factor for HIV Cases Diagnosed from 2017 through 2021, Riverside County, CA



MMSC: Male-to-Male Sexual Contact  
 IDU: Injection Drug Use

# Continuum of Care

The HIV continuum of care is a model that outlines the steps or stages of HIV medical care that people living with HIV go through from initial diagnosis to achieving the goal of viral suppression, and shows the proportion of individuals living with HIV who are engaged at each stage (<https://www.hiv.gov/federal-response/policies-issues/hiv-aids-care-continuum>).

- NOTE: The incidence and prevalence numbers in this section are based on the available data at the time the California HIV Surveillance Reports and the Continuum of Care data sets were released by the California Department of Public Health, Office of AIDS. There may be small variations from the numbers described in the rest of this report.



# Number and Percent of PLWH In-Care, Retained In-Care, and Virally Suppressed, Riverside County and California, 2020

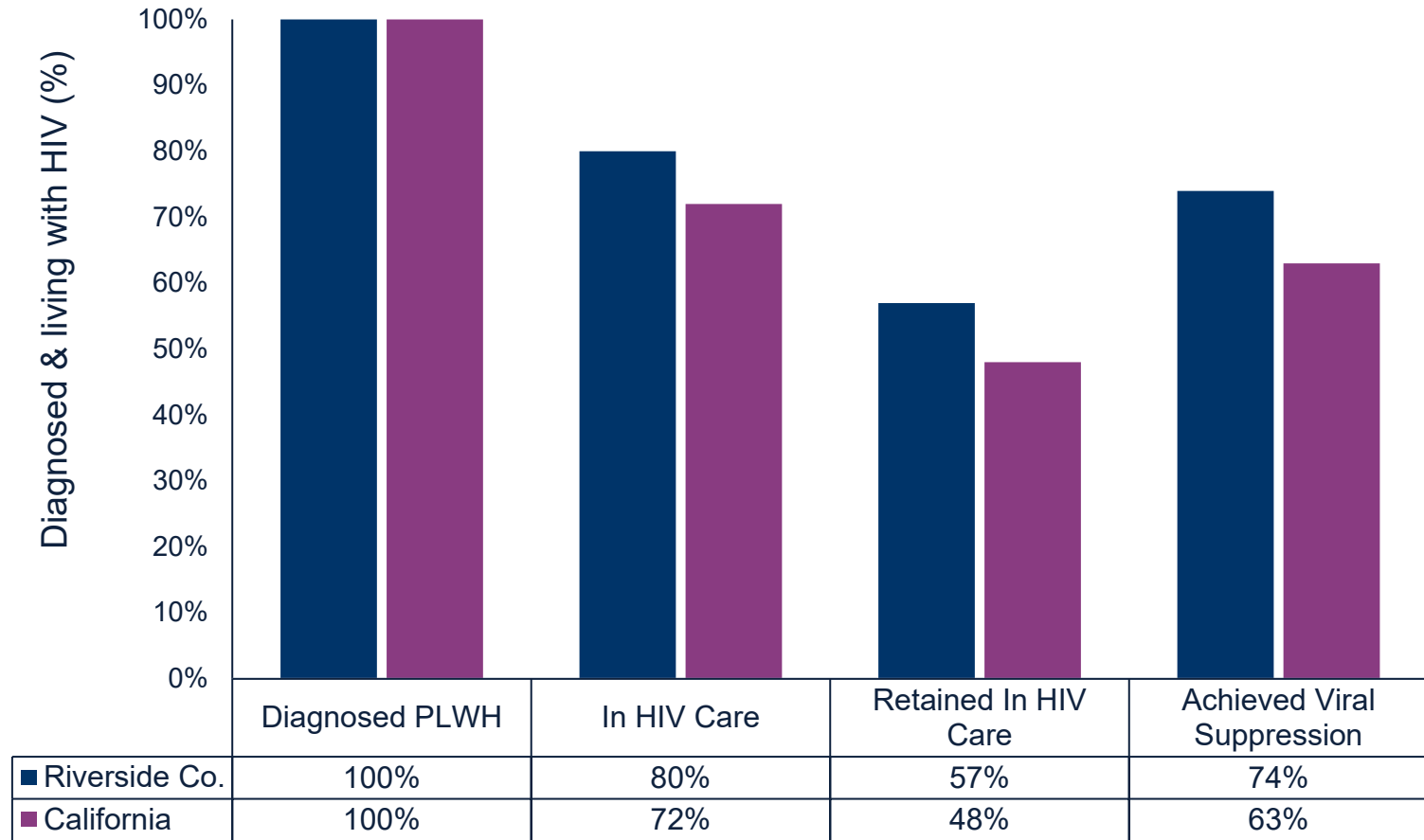
The 2021 California Integrated Plan Objective is 90% in-Care and 80% Virally Suppressed

	PLWH Dx.	In-Care		Retained In-Care		Virally Suppressed	
		N	%	N	%	N	%
Riverside Co.	10,199*	8,179	80%	5,795	57%	7,536	74%
California	139,703	100,357	72%	66,851	48%	88,041	63%

In-Care: Persons who had at least one CD4, viral load, or HIV-1 genotype test during the calendar year.  
 Retained in Care: Persons who have two or more CD4 or viral load or HIV-1 genotype tests that were performed at least 3 months apart during the calendar year are considered to be retained in care.  
 Virally suppressed: Persons whose most recent HIV viral load test result during the calendar year was  $\leq 200$  copies/ml.

\*Due to differences in the data at the time of analysis there are small variations from the numbers described in the rest of this report.

# The Overall Continuum of HIV Care: All Persons Living with HIV Infection, Riverside County and California, 2020



In-Care: Persons who had at least one CD4, viral load, or HIV-1 genotype test during the calendar year.

Retained in Care: Persons who have two or more CD4 or viral load or HIV-1 genotype tests that were performed at least 3 months apart during the calendar year are considered to be retained in care.

Virally suppressed: Persons whose most recent HIV viral load test result during the calendar year was  $\leq 200$  copies/ml.

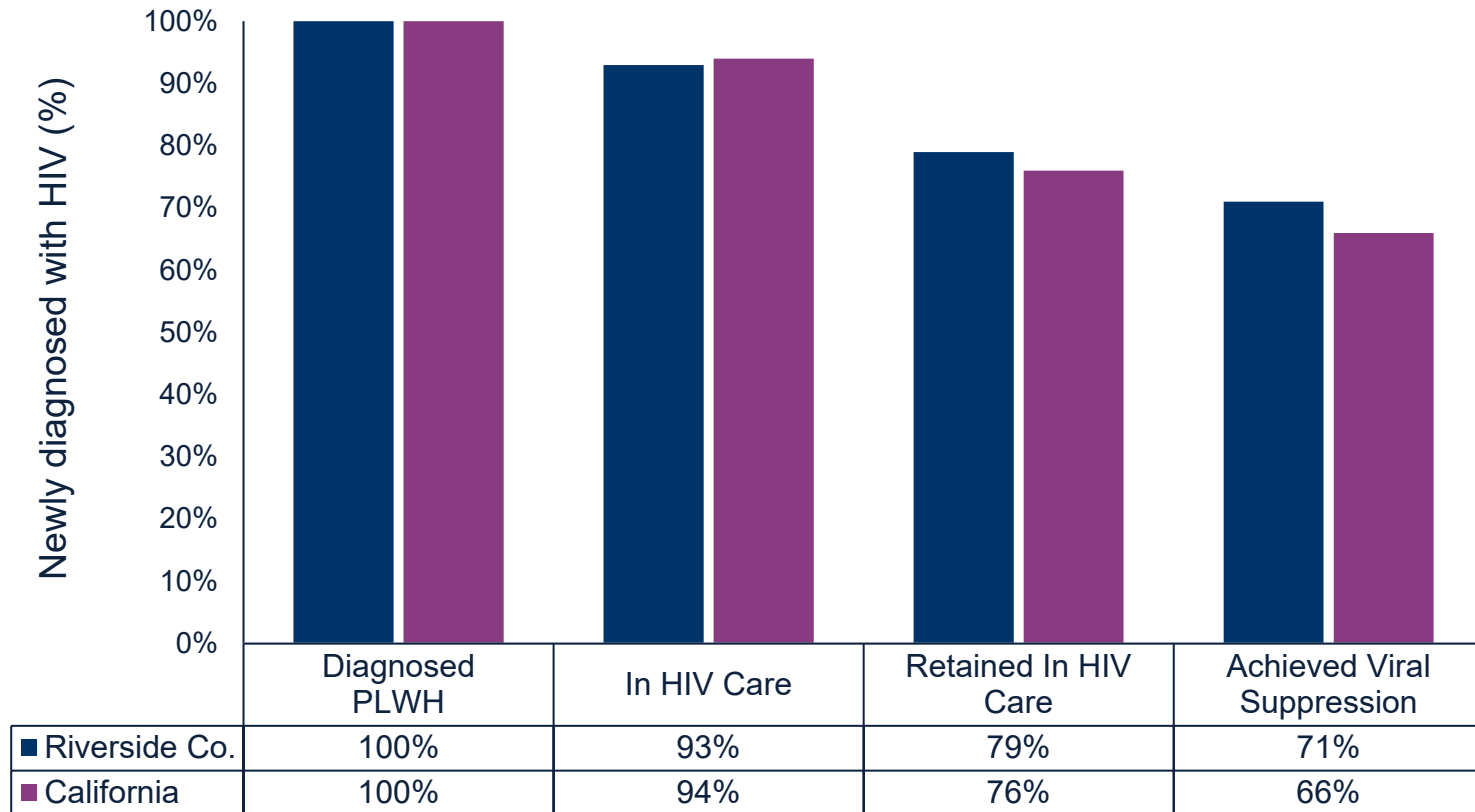
# Number and Percent of New HIV Diagnoses In-Care, Retained In-Care, and Virally Suppressed, Riverside County and California, January 1 – December 31, 2020

	PLWH	In-Care		Retained In-Care		Virally Suppressed	
		N	%	N	%	N	%
Riverside Co.	242*	226	93%	192	79%	193	80%
California	3,965	3,739	94%	2,997	76%	2,995	76%

In-Care: Persons who had at least one CD4, viral load, or HIV-1 genotype test within 12 months of diagnosis.  
 Retained in Care: Newly infected persons who have two or more CD4 or viral load or HIV-1 genotype tests that were performed at least 3 months apart within the 12 months from diagnosis are considered to be retained in care.  
 Virally suppressed: Persons whose most recent HIV viral load test result during the calendar year was  $\leq$  200 copies/ml.

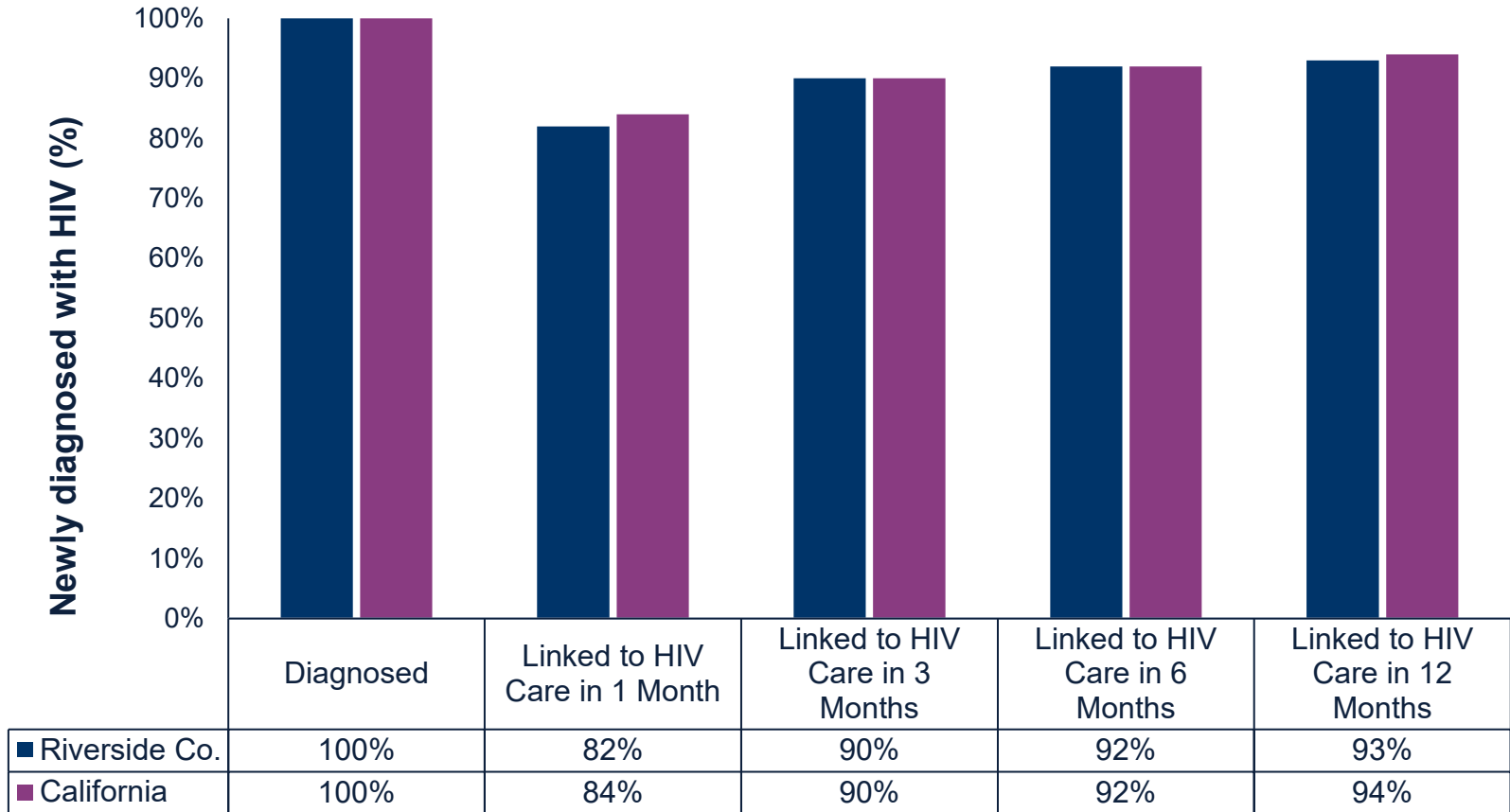
\*Due to differences in the data at the time of analysis there are small variations from the numbers described in the rest of this report.

# The Continuum of HIV Care: Persons Newly Diagnosed with HIV Infection, Riverside County and California, 2020



**In-Care:** Persons who had at least one CD4, viral load, or HIV-1 genotype test within 12 months of diagnosis.  
**Retained in Care:** Newly infected persons who have two or more CD4 or viral load or HIV-1 genotype tests that were performed at least 3 months apart within the 12 months from diagnosis are considered to be retained in care.  
**Virally suppressed:** Persons whose most recent HIV viral load test result during the calendar year was  $\leq 200$  copies/ml.

# Linkage to Care for Persons Newly Diagnosed With HIV, Riverside County and California, 2020



# Riverside County HIV Summary

# Summary

## Prevalence:

- There are currently 10,782 people reported living with HIV in Riverside County.
- Of PLWH diagnosed in the county, 60% are White.
- The Coachella Valley has three times the number of PLWH than any other county region.
- The greatest proportion of Black/African American PLWH are in west Riverside County.
- Over two-thirds (71%) of people living with HIV in Riverside County are 50 years old or older.
- Over the past three years (2019 – 2021), over a third (38.5%) of new HIV cases in Riverside County were in people younger than 30 years old.

# Summary Continued

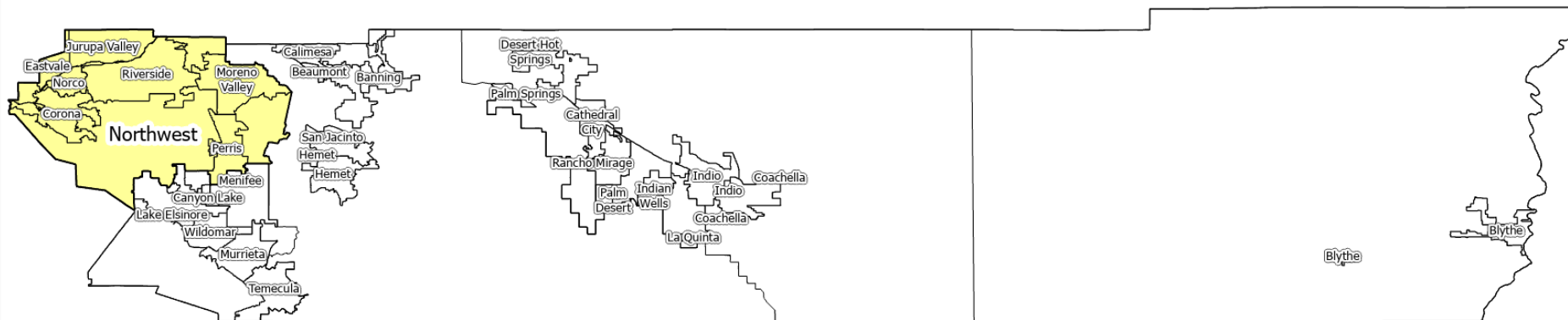
## Incidence:

- Since 2017, nearly over two-thirds (68.4%) of newly diagnosed HIV cases have been among gay, bisexual, same gender loving, or male-to-male sexual contact (MMSC).
- Over the past three years (2019 – 2021), less than twenty percent (17.6%) of all new HIV cases in Riverside County were in people 50 years old or older.
- In 2021, though only 6% of the population, African Americans represent 16.5% of new HIV cases diagnosed in the county.
- Since 2015, the Hispanic/Latinx population has had the highest percentage of new HIV cases.



# HIV in Northwest Riverside County, CA

# HIV in Northwest Riverside County, CA



- There are currently 2,234 people reported to be living with HIV in northwest Riverside County.
- Nearly a quarter (22.7%) of all PLWH in Riverside County reside in the northwest part of the county.

Regional geographic boundaries have been updated. Comparisons with previous reports should be done with caution.

# HIV in Northwest Riverside County, CA

- Northwest Riverside County is home to a younger and more diverse group of PLWH than the rest of the county.
  - The median age of persons living with HIV in the northwest part of the county is 46 years, compared to 59 in the rest of the county.
  - 36.5% of all people living with HIV in the northwest are under 40 years old. In the rest of Riverside County, only 10.7% of those living with HIV/AIDS are younger than 40.
  - 74.8% of all people living with HIV in northwest Riverside County are people of color compared to 31.0% in the rest of Riverside County.

## Northwest Riverside County HIV Incidence, 2012 - 2021

- From 2012 through 2021, there have been 1,140 HIV cases diagnosed in the northwest part of the county.
  - Average of 114 new cases per year.
- From 2012 through 2021, nearly half (48.6%) of all new HIV cases diagnosed in Northwest Riverside County were among those younger than 30 years old.

Age group	Percent of new cases
Under 20	4.3%
20 – 29	44.3%
30 – 39	25.3%
40 – 49	13.9%
50 – 59	9.1%
60 – 69	2.5%
70 years old and older	0.6%

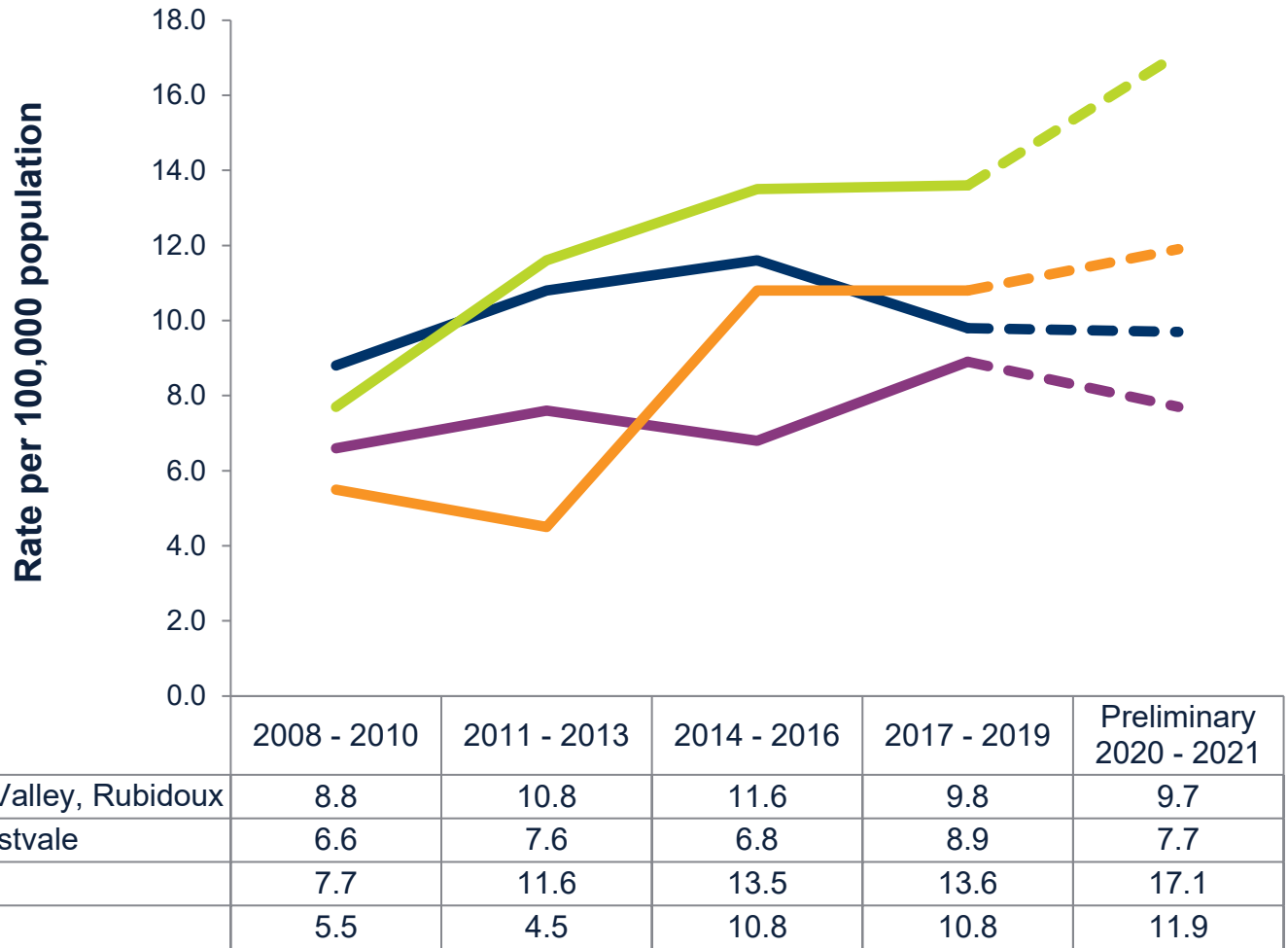
# Northwest Riverside County HIV Incidence, 2012 - 2021

- Most new HIV cases in west Riverside County are among the Latinx population.

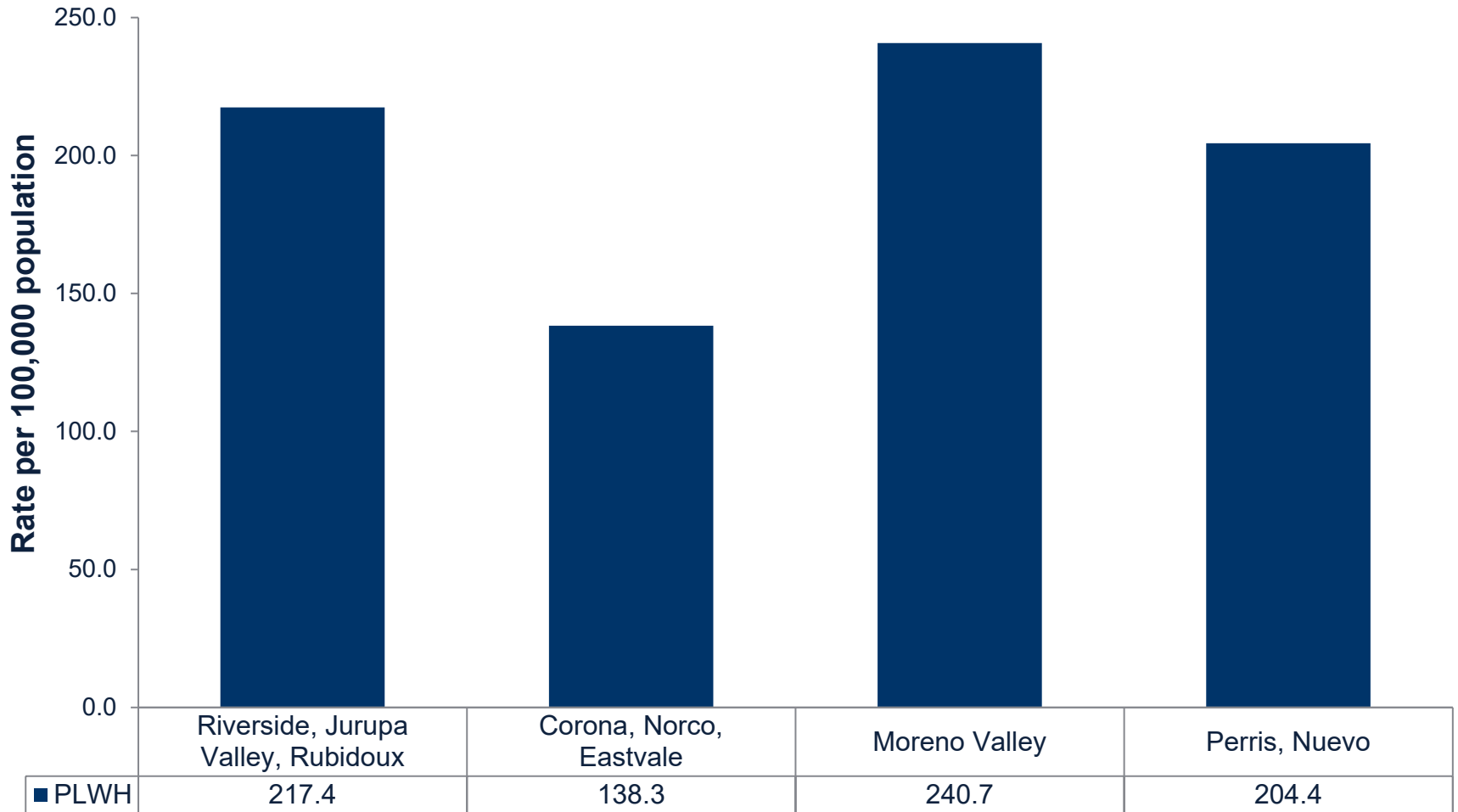
<b>Gender</b>	<b>Percent of new cases</b>
Male	87.8%
Female	10.8%
Trans Male and Female	1.2%

<b>Ethnicity</b>	<b>Percent of new cases</b>
Hispanic/Latinx	54.2%
Black/African American	19.5%
White	21.0%
Asian	2.3%
All Other	3.0%

# Average HIV Incidence, Northwest Riverside County, 2008 - 2021



# Prevalence of Persons Living with HIV/AIDS, Northwest Riverside County, 2021



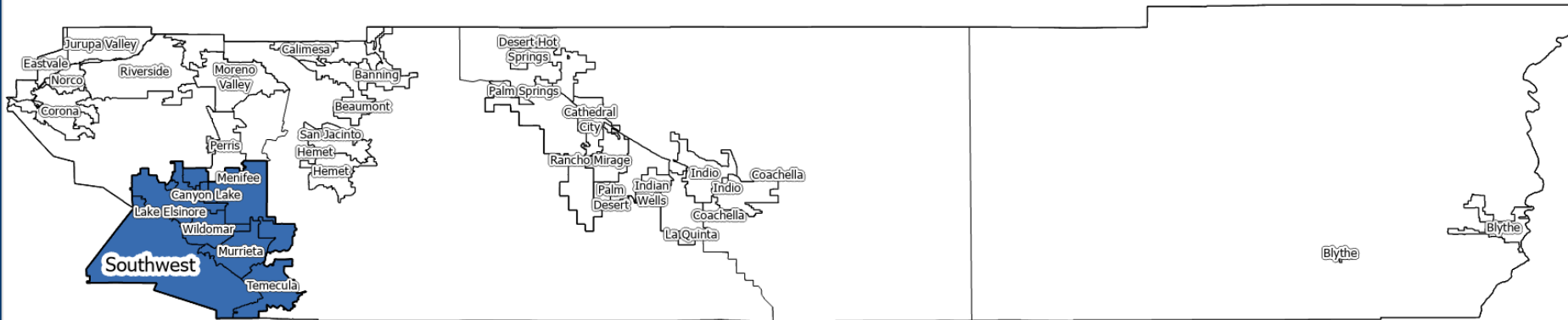
# Northwest Riverside County Zip-Code & Population Key

	Riverside, Jurupa Valley, Mira Loma, Rubidoux, March ARB	Corona, Norco, Eastvale	Moreno Valley	Perris, Nuevo
	91752	92860	92551	92567
	92501	92879	92552	92570
	92503	92880	92553	92571
	92504	92881	92554	92572
	92505	92882	92555	
	92506	92883	92556	
	92507		92557	
	92508			
	92509			
	92518			
	92521			
<hr/>				
2021 Population Estimate	488,395	292,808	208,180	130,149
2018 Population Estimate	484,719	287,742	205,653	127,012
2015 Population Estimate	464,802	274,064	199,562	120,253
2012 Population Estimate	459,166	267,799	198,090	117,684
2009 Population Estimate	451,640	261,723	194,332	115,605



# HIV in Southwest Riverside County, CA

# HIV/AIDS in Southwest Riverside County, CA



- There are currently 743 people reported to be living with HIV in the southwestern region of the county.
- 6.9% of all PLWH in Riverside County reside in the southwest part of the county.
- From 2012 through 2021, there have been 292 HIV cases diagnosed in the southwestern region of the county.
  - Average of 29.2 new cases per year.

Regional geographic boundaries have been updated. Comparisons with previous reports should be done with caution.

## Southwest Riverside County HIV Incidence, 2012 - 2021

- From 2012 through 2021, over a third of all new HIV cases diagnosed in southwestern Riverside County were among those 20 – 29 years old.

Age group	Percent of new cases
Under 20	5.5%
20 – 29	35.6%
30 – 39	26.0%
40 – 49	19.2%
50 – 59	9.2%
60 years old and older*	4.5%

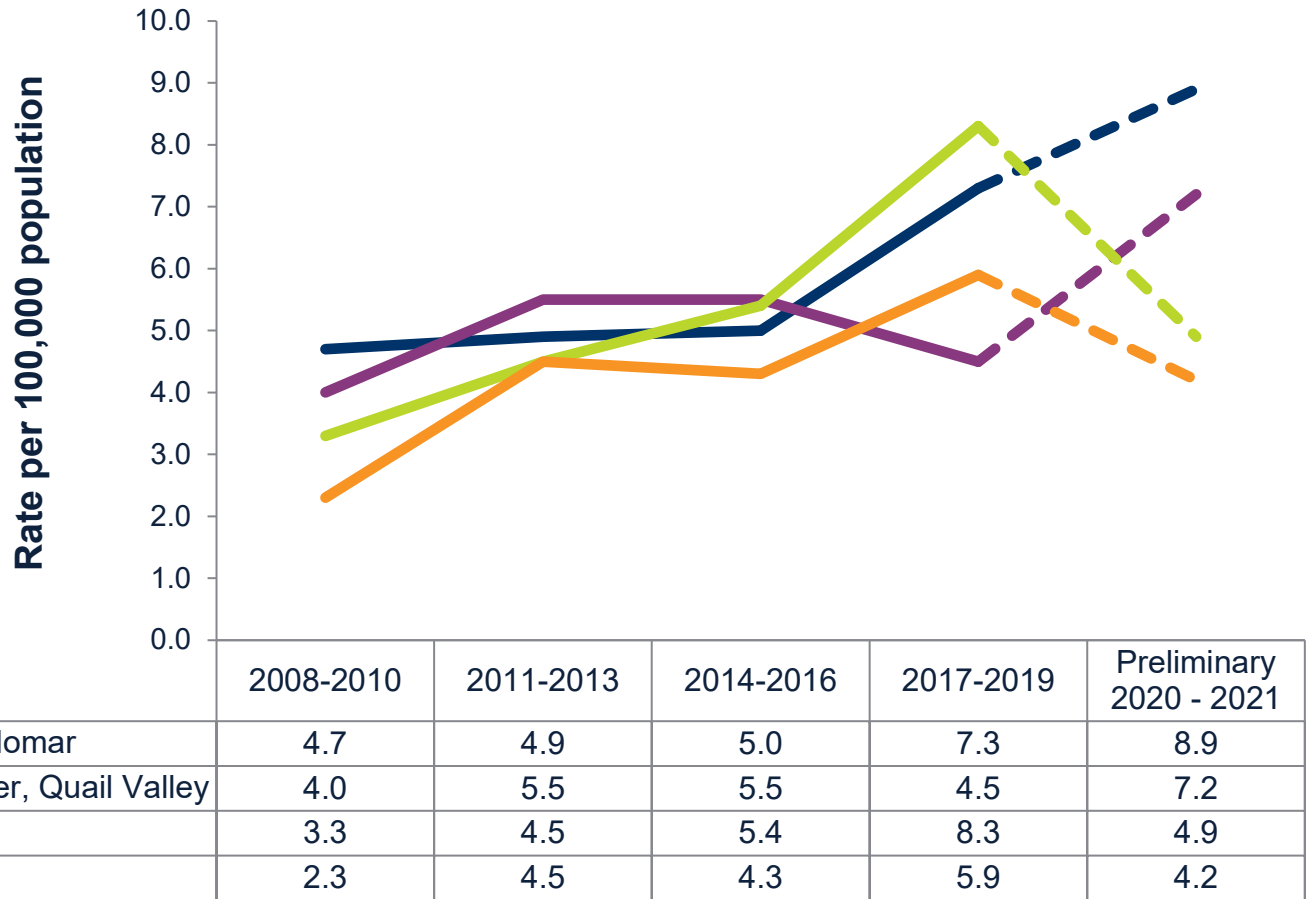
\*Further age breakdown masked due to small numbers

## Southwest Riverside County HIV Incidence, 2012 - 2021

Gender	Percent of new cases
Male	85.6%
Female	13.7%
Trans Male and Female	0.7%

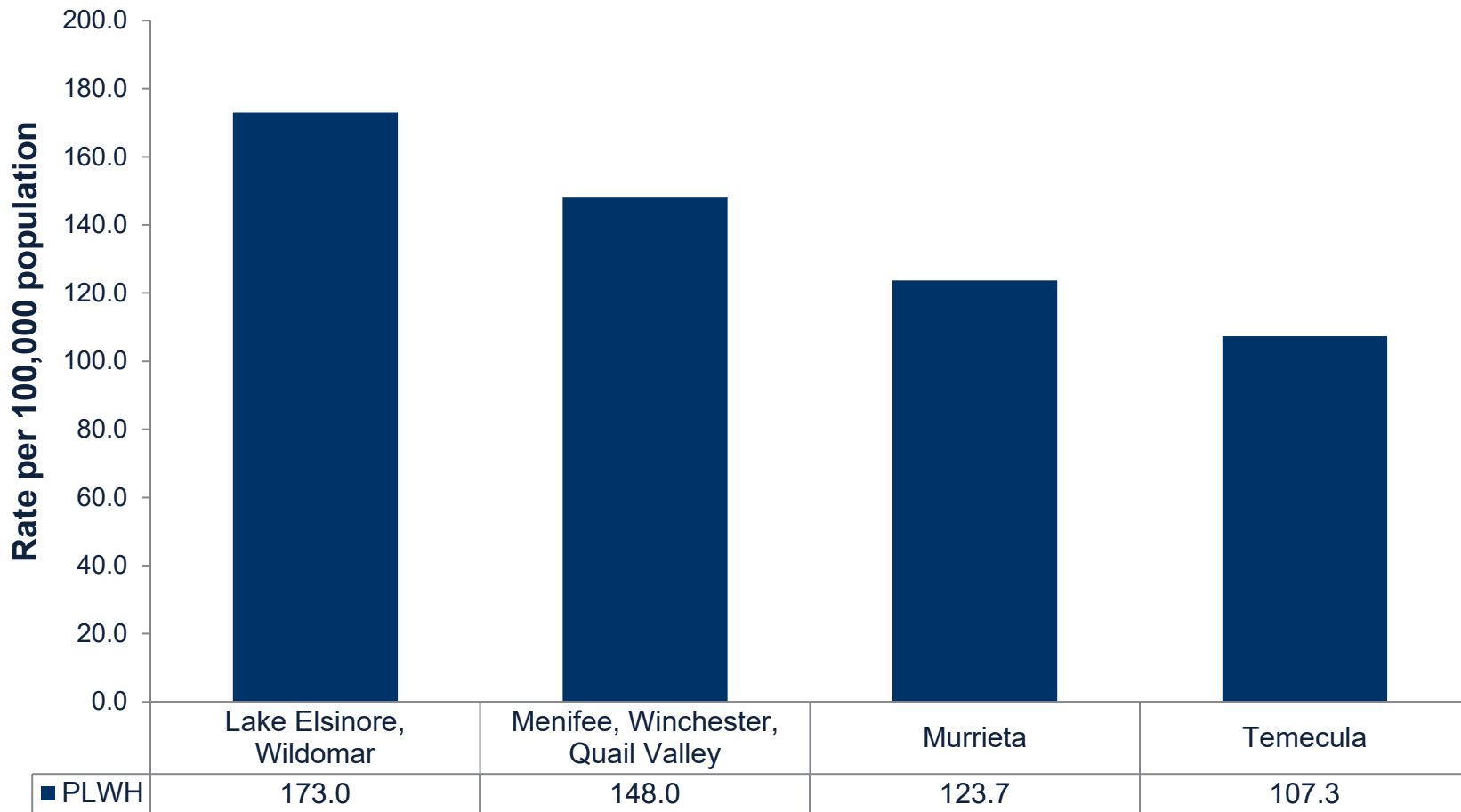
Ethnicity	Percent of new cases
Hispanic/Latinx	34.6%
Black/African American	16.1%
White	39.0%
Asian	5.5%
All Other	4.8%

# Average HIV Incidence Rates, South Riverside County, 2008 - 2021



Incidence rate estimates for southwest Riverside County should be interpreted with caution due to small numbers.

# Prevalence of Persons Living with HIV/AIDS, Southwest Riverside County, 2021



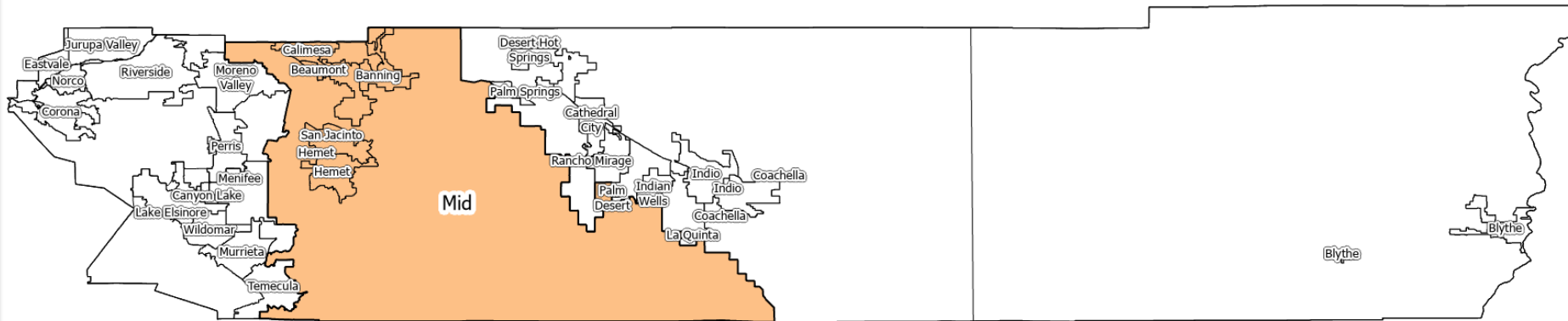
# Southwestern Riverside County Zip-Code & Population Key

	Lake Elsinore, Wildomar	Menifee, Winchester, Quail Valley, Romoland, Sun City	Murrieta	Temecula
	92530	92584	92562	92590
	92532	92585	92563	92591
	92595	92586		92592
		92587		
		92596		
2021 Population Estimate	117,949	152,004	141,490	129,528
2018 Population Estimate	114,581	140,164	137,040	128,926
2015 Population Estimate	107,352	127,902	129,189	123,620
2012 Population Estimate	102,254	120,946	124,934	119,191
2009 Population Estimate	99,801	116,165	121,424	115,182

# HIV in Mid-Riverside County, CA



# HIV/AIDS in Mid-Riverside County, CA



- There are currently 736 people reported to be living with HIV in the mid-section of the county.
- 6.8% of all PLWH in Riverside County reside in the mid-part of the county.

Regional geographic boundaries have been updated. Comparisons with previous reports should be done with caution.

## Mid-Riverside County HIV Incidence, 2012 - 2021

From 2011 through 2020, there have been 257 HIV cases diagnosed in the mid-part of the county.

- Average of 25.7 new cases per year.

Age group	Percent of new cases
Under 20	5.5%
20 - 29	38.5%
30 - 39	24.1%
40 - 49	14.8%
50 - 59	12.5%
60 years old and older*	4.7%

\*Further age breakdown masked due to small numbers

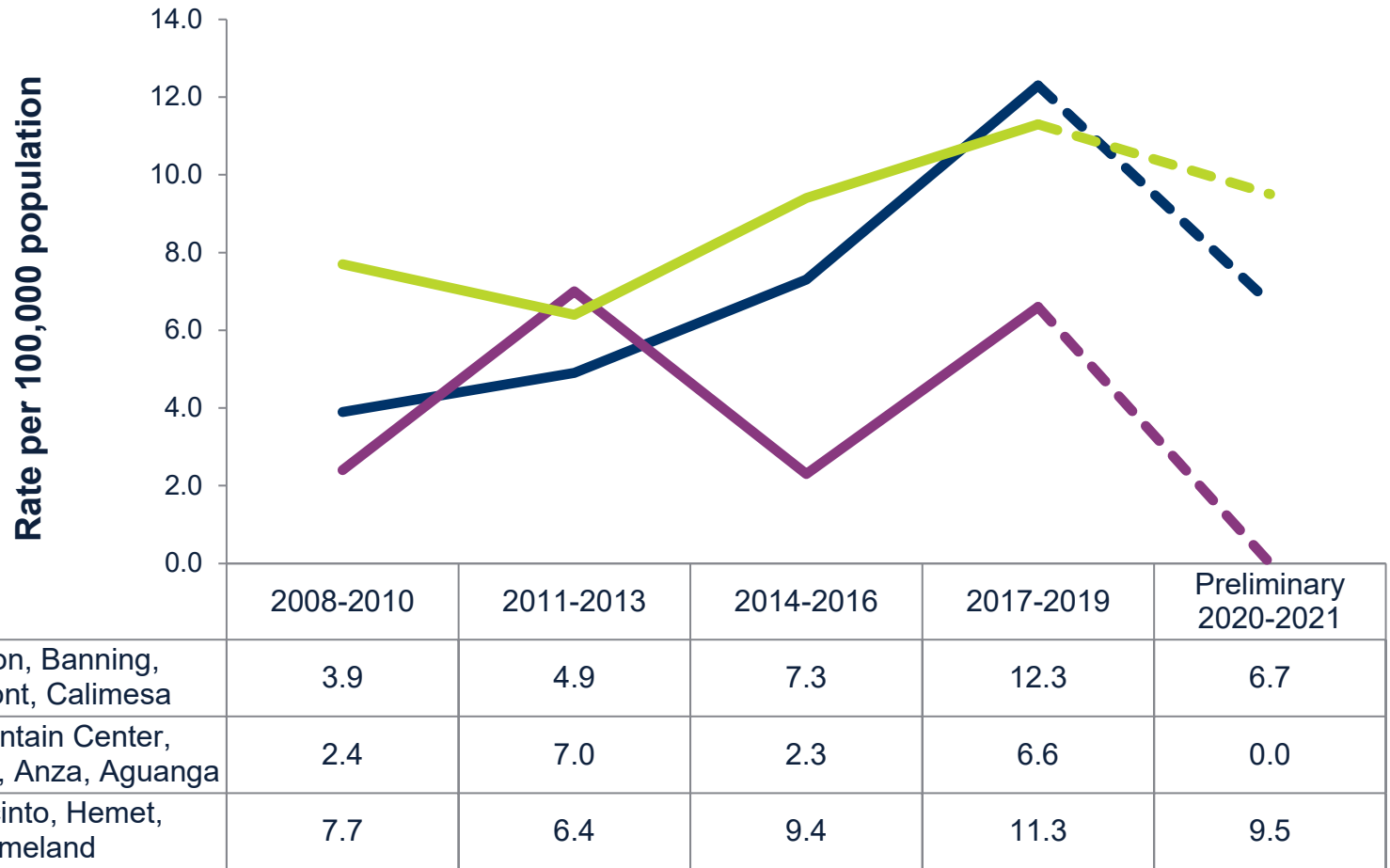
# Mid-Riverside County HIV Incidence, 2012 - 2021

- Most new HIV cases in mid-Riverside County are among men of color.

Gender	Percent of new cases
Male	82.1%
Female	17.9%
Trans Male and Female	0.0%

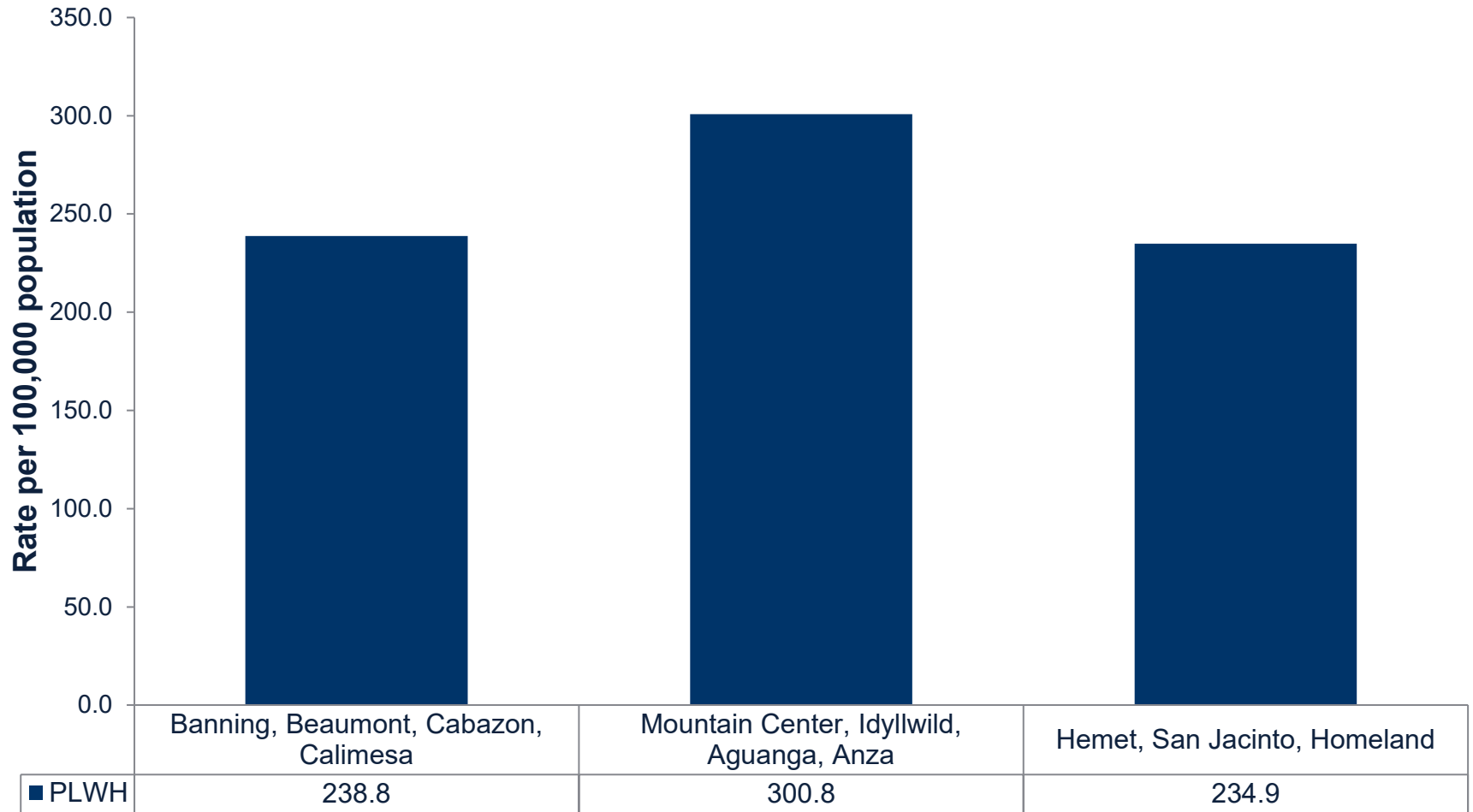
Ethnicity	Percent of new cases
Hispanic/Latinx	43.2%
Black/African American	17.5%
White	34.2%
All Other	5.1%

# Average HIV Incidence Rates, Mid-Riverside County, 2008 - 2021



Incidence rate estimates for mid-Riverside County should be interpreted with caution due to small numbers.

# Prevalence of Persons Living with HIV/AIDS, Mid-Riverside County, 2021

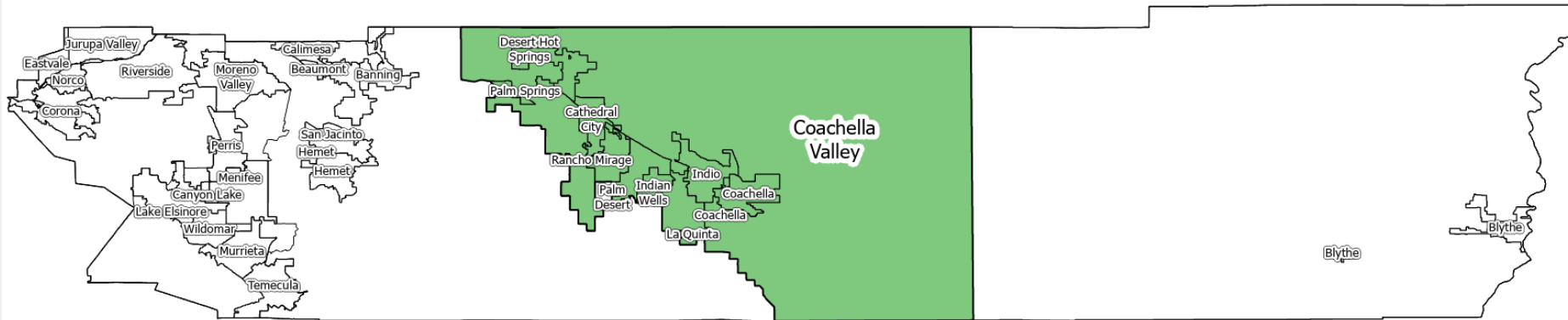


# Mid-Riverside County Zip-Code & Population Key

	Cabazon, Banning, Beaumont, Calimesa	Mountain Center, Idyllwild, Anza, Aguanga	San Jacinto, Hemet, Homeland
	92230	92561	92582
	92220	92549	92583
	92223	92539	92543
	92320	92536	92544
			92545
			92548
2021 Population Estimate	103,859	14,960	188,560
2018 Population Estimate	97,803	15,073	185,424
2015 Population Estimate	91,939	14,606	177,129
2012 Population Estimate	87,569	14,323	172,771
2009 Population Estimate	85,803	14,135	169,632

# HIV in the Coachella Valley Riverside County, CA

# HIV/AIDS in the Coachella Valley



- There are currently 6,995 people reported to be living with HIV in the Coachella Valley.
- The prevalence rate of PLWH in Palm Springs/North Palm Springs (7,684.1 per 100,000) is over 22 times higher than California overall (348.1 per 100,000).

Regional geographic boundaries have been updated. Comparisons with previous reports should be done with caution.



# HIV/AIDS in the Coachella Valley

- Two-thirds (64.9%) of all PLWH in Riverside County reside in the Coachella Valley.
- The Coachella Valley is home to an older group of PLWH.
  - The median age of persons living with HIV in the Coachella Valley is 60 years, compared to 49 years in the rest of the county.
  - Over half (53.2%) of all people living with HIV in the Coachella Valley are 60 or older. In the rest of Riverside County, only 21.8% of those living with HIV are over 60.

## Coachella Valley HIV Incidence, 2012 - 2021

- From 2012 through 2021 there have been 955 new HIV cases diagnosed in the Coachella Valley.
  - Average of 95.5 new cases per year.

Age group	Percent of new cases
Under 20	2.2%
20 – 29	22.4%
30 – 39	19.1%
40 – 49	23.1%
50 – 59	20.8%
60 – 69	9.4%
70 years old and older	2.9%

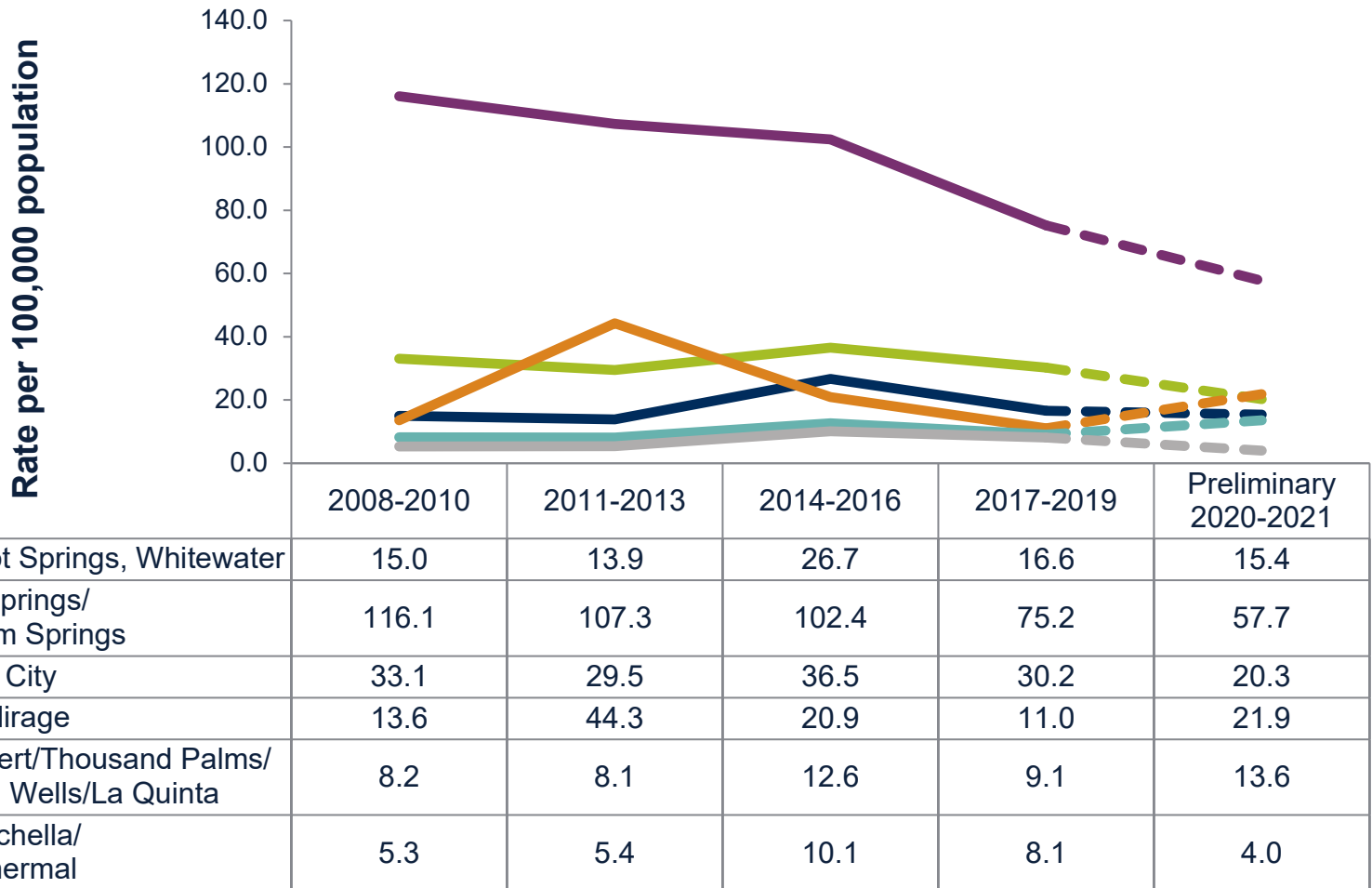
# Coachella Valley HIV Incidence, 2012 - 2021

- Most new HIV diagnoses in east Riverside County are among White non-Hispanic men.

Gender	Percent of new cases
Male	94.8%
Female	4.0%
Trans Male and Female	1.3%

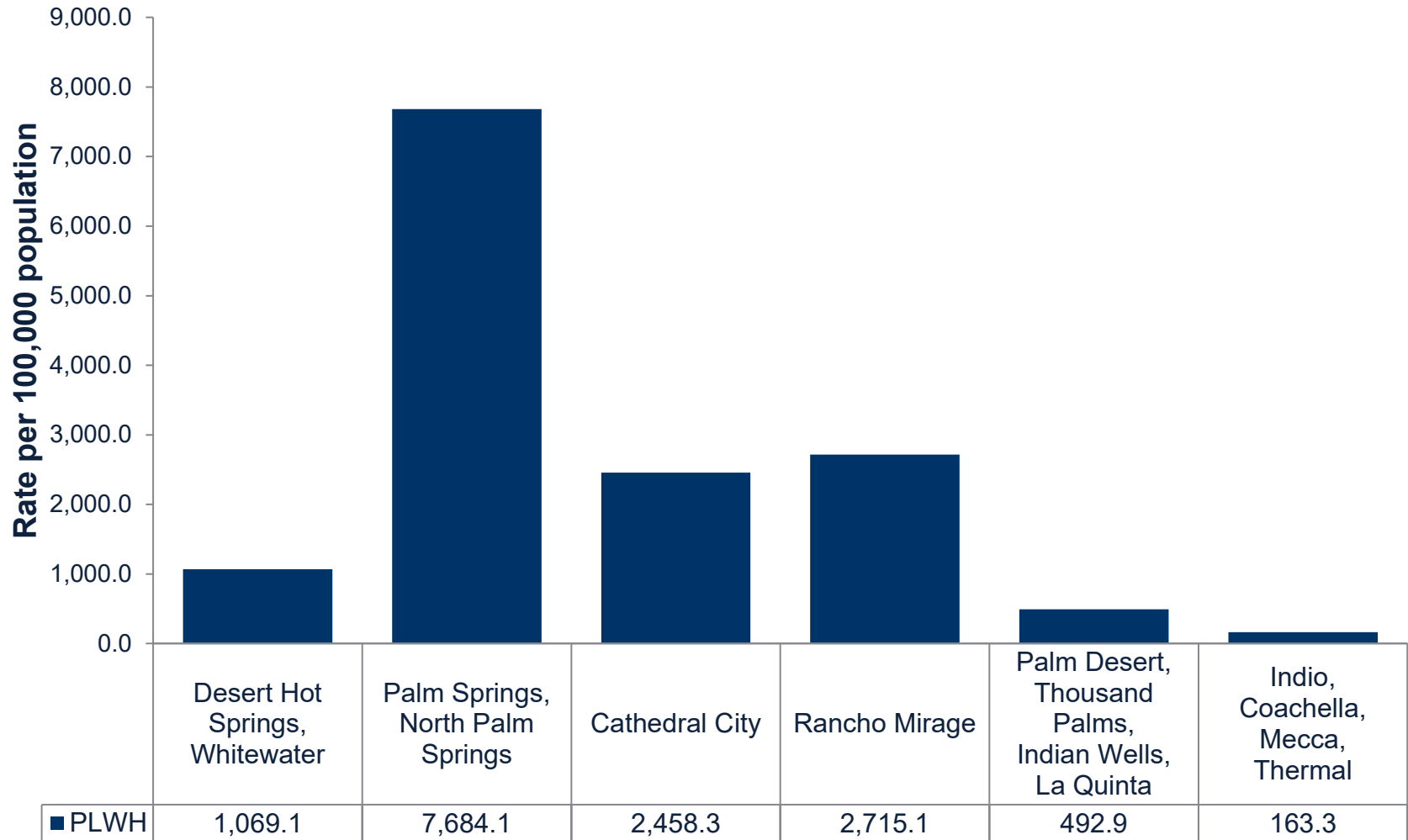
Ethnicity	Percent of new cases
Hispanic/Latinx	35.4%
Black/African American	3.2%
White	56.4%
Asian	2.1%
All Other	2.8%

# Average HIV Incidence, Coachella Valley, 2008 - 2021



Incidence rate estimates for the Coachella Valley should be interpreted with caution due to small numbers.

# Prevalence of Persons Living with HIV, in the Coachella Valley, 2021



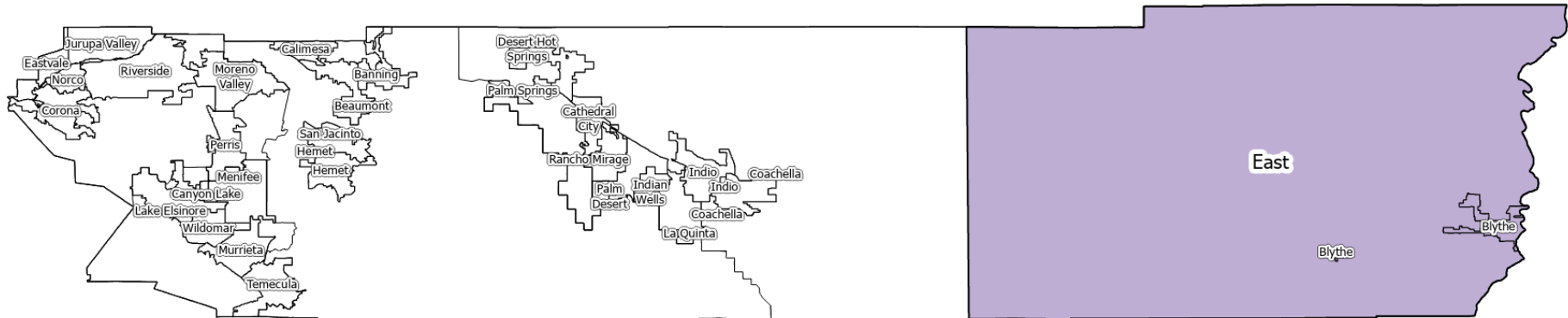
HIV-positive prison population excluded from analysis of Blythe.

# The Coachella Valley – Zip Code & Population Key

	Desert Hot Springs, Whitewater	Palm Springs, North Palm Springs	Cathedral City	Rancho Mirage	Palm Desert, Thousand Palms, Indian Wells, La Quinta	Indio, Coachella, Mecca, Thermal
	92240	92262	92234	92270	92211	92201
	92241	92264			92260	92203
	92282	92258			92276	92236
					92210	92254
					92253	92274
2021 Population Estimate	48,827	49,414	54,183	18,305	113,810	175,176
2018 Population Estimate	48,292	49,646	54,018	18,167	113,565	173,419
2015 Population Estimate	46,237	47,513	51,993	17,520	108,884	165,616
2012 Population Estimate	45,479	46,603	51,928	17,302	107,360	160,321
2009 Population Estimate	44,568	46,210	51,289	17,142	106,049	157,521

# HIV in Eastern Riverside County, CA

# HIV/AIDS in Eastern Riverside County



- There are currently 35 people reported to be living with HIV in eastern Riverside County. 42.9% (15) of those cases are currently incarcerated and 57.1% (20) are not incarcerated.
- Of the 20 PLWH who are not incarcerated, 70% are male, 55% are white, 65% are 50 years old or older.
- From 2012 to 2021, there have been 6 new cases of HIV reported in eastern Riverside County.

Regional geographic boundaries have been updated. Comparisons with previous reports should be done with caution.



# East Riverside County – Zip Code & Population Key

	<u>Desert Center, Blythe</u>
	92239
	92225
<hr/>	
2021 Population Estimate	24,242
2018 Population Estimate	24,670
2015 Population Estimate	24,508
2012 Population Estimate	24,826
2009 Population Estimate	24,621

# 3-year Prevalence and Incidence Tables

Table 1. Persons living with diagnosed HIV infection, by year and selected demographic characteristics, 2019–2021 Riverside County

Characteristic	2019			2020			2021		
	N	%	Rate	N	%	Rate	N	%	Rate
<b>Age at end of year</b>									
<20	27	0.3%	4.1	23	0.2%	3.5	20	0.2%	3.0
20 - 29	558	5.6%	149.1	514	5.0%	136.9	508	4.7%	140.9
30 - 39	1,032	10.4%	339.7	1,110	10.7%	357.3	1,204	11.2%	387.5
40 - 49	1,350	13.6%	472.5	1,336	12.9%	470.4	1,383	12.8%	478.9
50 - 59	3,300	33.3%	1,117.0	3,210	31.1%	1,083.4	3,089	28.6%	1,020.5
60 - 69	2,679	27.0%	1,105.0	2,961	28.6%	1,181.9	3,256	30.2%	1,199.4
70 - 79	862	8.7%	537.7	1,013	9.8%	608.8	1,134	10.5%	627.4
80+	103	1.0%	99.1	143	1.4%	131.6	162	1.5%	158.3
Unknown	0	0.0%	-	27	0.3%	-	26	0.2%	-
<b>Race/ethnicity</b>									
Hispanic/Latinx	2,514	25.4%	218.8	2,661	25.7%	229.2	2,843	26.4%	241.7
Native American	30	0.3%	249.9	32	0.3%	264.6	25	0.2%	204.2
Asian	159	1.6%	108.3	176	1.7%	118.7	190	1.8%	126.4
Black or African American	878	8.9%	604.8	922	8.9%	627.8	973	9.0%	652.8
Native Hawaiian/Pacific Islander	7	0.1%	104.8*	8	0.1%	119.0*	7	0.1%	103.1*
White	6,116	61.7%	669.1	6,272	60.7%	682.6	6,462	59.9%	697.5
Multi-race	204	2.1%	373.0	228	2.2%	410.2	250	2.3%	440.8
Unknown	3	0.0%	-	38	0.4%	-	32	0.3%	-
<b>Sex assigned at birth</b>									
Male	9,151	92.3%	756.1	9,550	92.4%	782.7	9,968	92.5%	807.5
Female	760	7.7%	62.4	783	7.6%	63.7	809	7.5%	65.1
Unknown	0	0.0%	-	4	0.0%	-	5	0.0%	-
<b>Gender</b>									
Cisgender men	9,123	92.0%	-	9,503	91.9%	-	9,915	92.0%	-
Cisgender women	758	7.6%	-	772	7.5%	-	796	7.4%	-
Trans women	28	0.3%	-	47	0.5%	-	53	0.5%	-
Trans men	2	0.0%	-	11	0.1%	-	13	0.1%	-
Unknown	0	0.0%	-	4	0.0%	-	5	0.0%	-
<b>Transmission category</b>									
Male-to-male sexual contact (MMSC)	7,771	78.4%	-	8,071	78.1%	-	8,422	78.1%	-
Injection drug use (IDU)	327	3.3%	-	336	3.3%	-	327	3.0%	-
MMSC and IDU	548	5.5%	-	556	5.4%	-	588	5.5%	-
Heterosexual contact	646	6.5%	-	648	6.3%	-	665	6.2%	-
Perinatal exposure	27	0.3%	-	30	0.3%	-	27	0.3%	-
Unknown risk	576	5.8%	-	679	6.6%	-	738	6.8%	-
Other	16	0.2%	-	17	0.2%	-	15	0.1%	-
<b>HIV stage at the end of the year</b>									
Stage 3 (AIDS)	5,645	57.0%	232.5	5,779	55.9%	235.9	5,911	54.8%	238.5
Not in stage 3	4,266	43.0%	175.7	4,558	44.1%	186.1	4,871	45.2%	196.6
<b>County Region</b>									
Northwest Riverside Co.	2,010	20.3%	180.8	2,068	20.0%	185.3	2,234	20.7%	199.9
Southwest Riverside Co.	630	6.4%	127.0	693	6.7%	138.2	743	6.9%	146.8
Mid-Riverside Co.	661	6.7%	193.9	692	6.7%	200.9	736	6.8%	211.8
Coachella Valley	6,521	65.8%	1,421.0	6,813	65.9%	1,482.9	6,995	64.9%	1,524.8
Eastern Riverside Co.	40	0.4%	163.1	35	0.3%	143.4	35	0.3%	144.6
Unknown	49	0.5%	-	36	0.3%	-	39	0.4%	-
<b>TOTALS</b>	<b>9,911</b>	<b>100.0%</b>	<b>408.1</b>	<b>10,337</b>	<b>100.0%</b>	<b>422.0</b>	<b>10,782</b>	<b>100.0%</b>	<b>435.1</b>

Note: Rates are per 100,000 population. Dash ( — ) indicates rates not calculated due to unknown population denominators.

Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated

Rates in red\* should be interpreted with caution due to instability of small numbers

Table 2. Persons newly diagnosed with HIV infection, by year and selected demographic characteristics, 2019–2021 Riverside County

Characteristic	2019			2020			2021		
	N	%	Rate	N	%	Rate	N	%	Rate
<b>Age at diagnosis</b>									
<20	9	3.3%	1.3*	10	4.1%	1.5*	4	1.5%	0.6*
20 - 29	91	33.5%	25.5	86	35.0%	23.9	99	37.9%	27.5
30 - 39	83	30.5%	27.6	70	28.5%	23.0	71	27.2%	22.8
40 - 49	44	16.2%	15.2	33	13.4%	11.4	40	15.3%	13.9
50 - 59	30	11.0%	10.0	26	10.6%	8.6	29	11.1%	9.6
60 - 69	14	5.1%	5.5*	14	5.7%	5.3*	12	4.6%	4.4*
70 - 79	0	0.0%	0.0	7	2.8%	4.1*	4	1.5%	2.2*
80+	1	0.4%	1.1*	0	0.0%	0.0	2	0.8%	2.0*
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Race/ethnicity</b>									
Hispanic/Latinx	137	50.4%	11.9	122	49.6%	10.5	124	47.5%	10.5
Native American	1	0.4%	8.3*	0	0.0%	0.0	1	0.4%	8.2*
Asian	7	2.6%	4.8*	10	4.1%	6.7*	4	1.5%	2.7*
Black or African American	40	14.7%	27.6	33	13.4%	22.5	43	16.5%	28.8
Native Hawaiian/Pacific Islander	1	0.4%	15.0*	0	0.0%	0.0	0	0.0%	0.0
White	79	29.0%	8.6	73	29.7%	7.9	79	30.3%	8.5
Multi-race	7	2.6%	12.8*	7	2.8%	12.6*	1	0.4%	1.8*
Unknown	0	0.0%	-	1	0.4%	-	9	3.4%	-
<b>Sex assigned at birth</b>									
Male	239	87.9%	19.7	220	89.4%	18.0	227	87.0%	18.4
Female	33	12.1%	2.7	26	10.6%	2.1	34	13.0%	2.7
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Gender</b>									
Cisgender men	237	87.1%	-	220	89.4%	-	226	86.6%	-
Cisgender women	33	12.1%	-	24	9.8%	-	33	12.6%	-
Trans women	2	0.7%	-	1	0.4%	-	1	0.4%	-
Trans men	0	0.0%	-	1	0.4%	-	1	0.4%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Transmission category</b>									
Male-to-male sexual contact (MMSC)	188	69.1%	-	179	72.8%	-	153	58.6%	-
Injection drug use (IDU)	9	3.3%	-	6	2.4%	-	5	1.9%	-
MMSC and IDU	4	1.5%	-	2	0.8%	-	6	2.3%	-
Heterosexual contact	12	4.4%	-	8	3.3%	-	20	7.7%	-
Perinatal exposure	0	0.0%	-	1	0.4%	-	0	0.0%	-
Unknown risk	59	21.7%	-	50	20.3%	-	77	29.5%	-
Other	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>County Region</b>									
Northwest Riverside Co.	118	43.4%	10.6	109	44.3%	9.8	123	47.1%	11.9
Southwest Riverside Co.	37	13.6%	7.5	29	11.8%	5.8	39	14.9%	7.7
Mid-Riverside Co.	42	15.4%	12.3	26	10.6%	7.5	24	9.2%	6.9
Coachella Valley	72	26.5%	15.7	82	33.3%	17.8	65	24.9%	14.2
Eastern Riverside Co.	3	1.1%	12.9*	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>TOTALS</b>	<b>272</b>	<b>100.0%</b>	<b>11.2</b>	<b>246</b>	<b>100.0%</b>	<b>10.0</b>	<b>261</b>	<b>100.0%</b>	<b>10.5</b>

Note: Rates are per 100,000 population. Dash ( — ) indicates rates not calculated due to unknown population denominators.

Rates in red\* should be interpreted with caution due to instability of small numbers

## Notes & Data Sources:

Unless otherwise noted, all HIV statistics come from HIV and AIDS cases reported to Riverside County Department of Public Health as of December 31, 2021.

\* Data extracted from the Enhanced HIV/AIDS Reporting System (eHARS) 2<sup>nd</sup> quarter (July), 2021

Population:

2010 -2021 California Department of Finance. Demographic Research Unit. Report P-3: Population Projections, California, 2010-2060 (Baseline 2019 Population Projections; Vintage 2020 Release). Sacramento, California. July 2021.

ESRI Demographic Projections by zip code

Continuum of Care Data:

California Department of Public Health, Office of AIDS, California HIV Surveillance Report — 2020.  
Local Health Jurisdiction Continuum of Care Analysis, California Department of Public Health, Office of AIDS.

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