



Epidemiology of HIV in Riverside County, 2023

Epidemiology & Program Evaluation
Riverside University Health System – Public Health
November 2024

- 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.rivcohivaids.org/>

Or call:

(951) 358-5307 Voice

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

(951) 358-6037 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

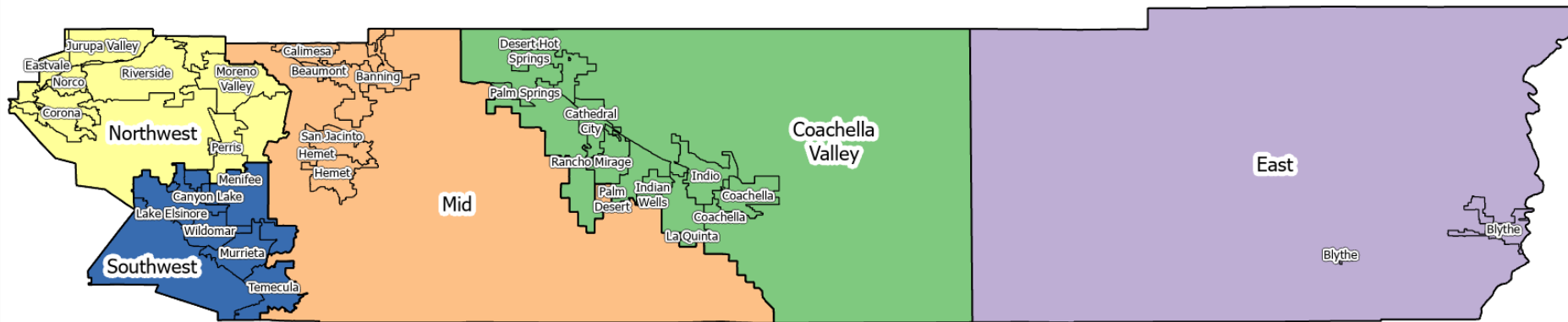
- **HIV Stage 1:** Acute HIV infection, within 2 – 4 weeks after infection.
- **HIV Stage 2:** Clinical latency (HIV inactivity or dormancy). This period is sometimes called asymptomatic HIV infection or chronic HIV infection. During this phase, HIV is still active but reproduces at very low levels. 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.

Note: HIV generally refers to only Stages 1 and 2.

Source: <https://www.cdc.gov/hiv/about/index.html>

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

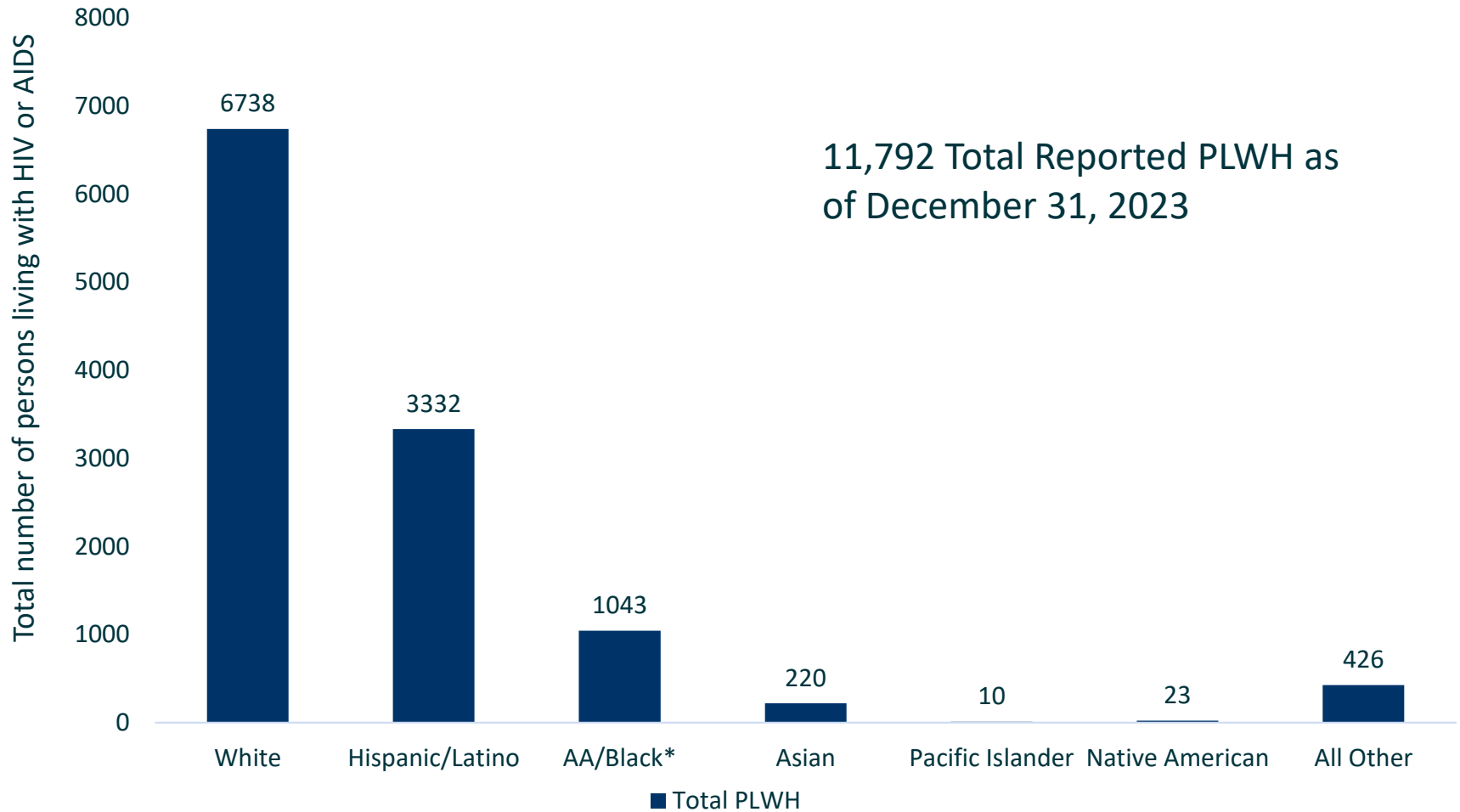
Persons Living with Diagnosed HIV (All Stages) by year, Riverside County and California, 2018 - 2023

Count and Rate per 100,000 Population, Riverside County, CA						
	2018	2019	2020	2021	2022	2023
Total Cases	10,648	10,930	11,196	11,454	11,633	11,792
Rate per 100,000 population	446.9	453.8	462.2	471.1	477.2	481.8

Count and Rate per 100,000 Population, California						
	2018	2019	2020	2021	2022	2023
Total Cases	136,100	137,886	139,438	140,967	142,772	N/A
Rate per 100,000 population	343.1	346.8	350.5	352.8	355.6	N/A

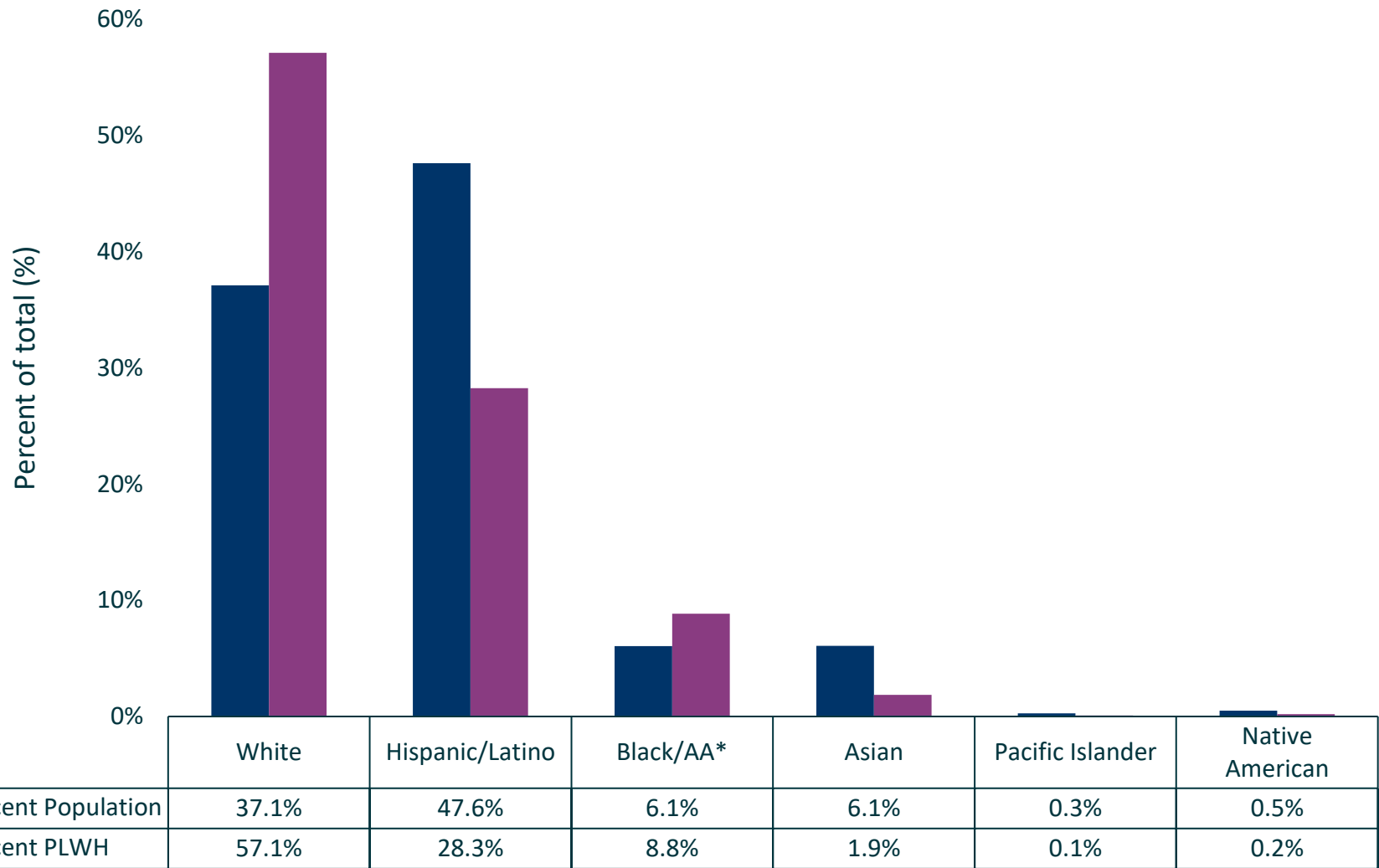
Note: The California Department of Public Health, Office of AIDS', official HIV prevalence and incidence numbers had not been released at the time of this report.

Count of Living HIV and AIDS (HIV Stage 3) Cases by Race/Ethnicity, Riverside County, CA 2023



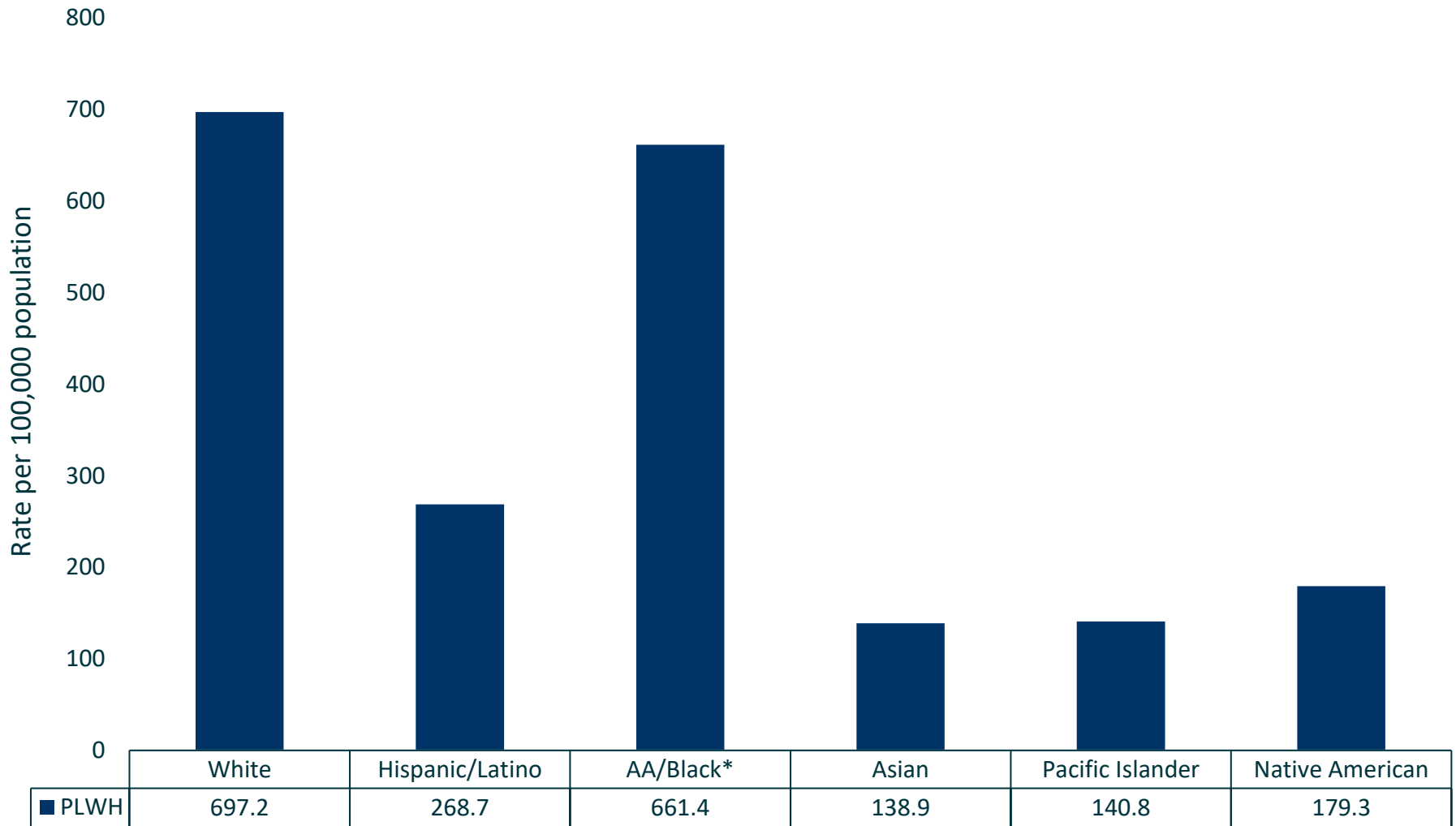
*AA=African American

Proportion of the Total Population, Prevalent HIV (All Stages) Cases by Race/Ethnicity, Riverside County, CA 2023



*AA=African American

HIV (All Stages) Prevalence (Living) Rates by Race/Ethnicity, Riverside County, CA 2023



*AA=African American

HIV (All Stages) Prevalence (Living) by Gender, Riverside County, CA 2023

Gender*	Number of Cases	Percent of cases	Rate per 100,000
cis-Male	10,828	91.8%	822.5
cis-Female	881	7.5%	64.6
Trans-male	10	0.2%	-
Trans-female	73	0.6%	-
Unknown	0	0.0%	-

*Note:

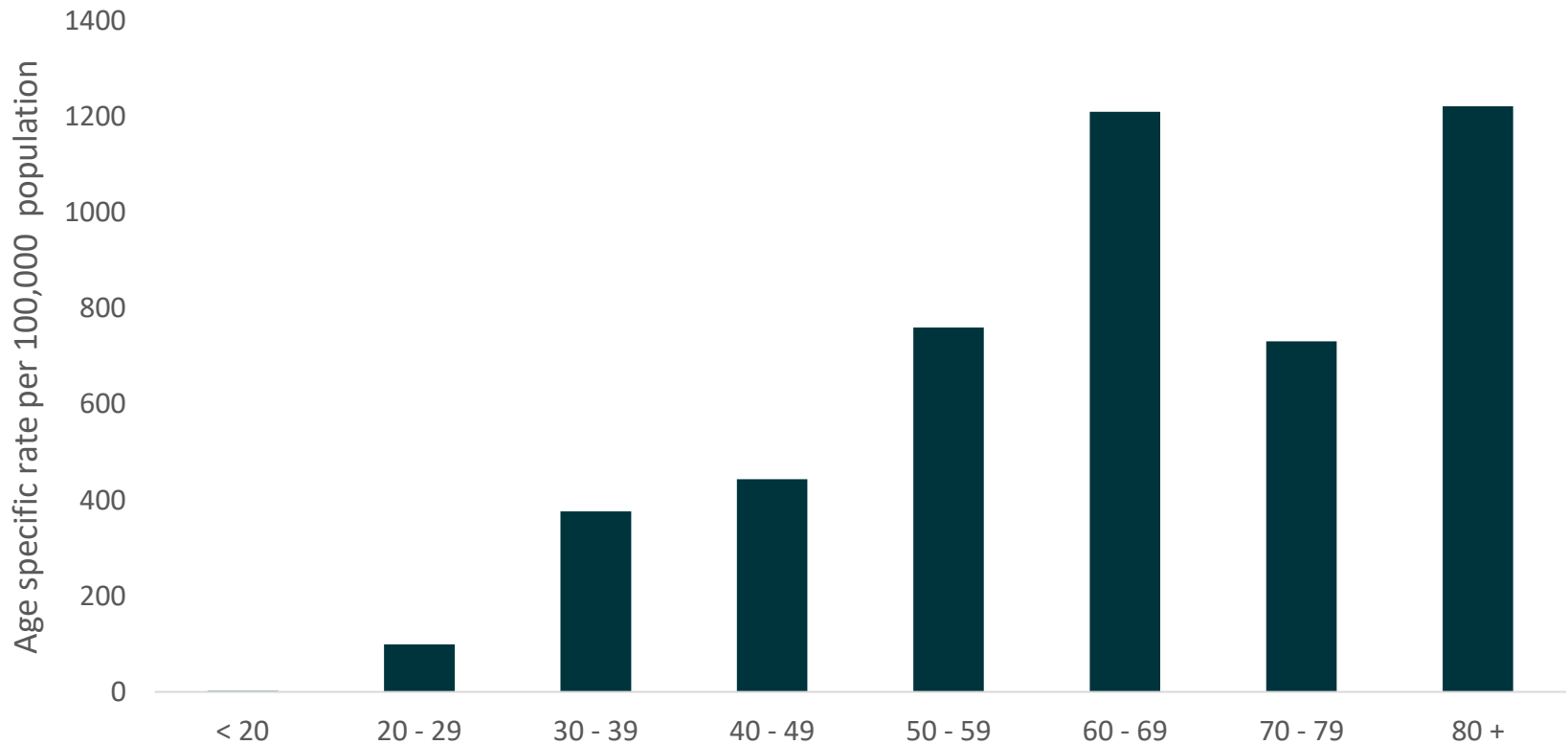
cis-Male: a person who was assigned male at birth and whose gender identity is male.

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 2023

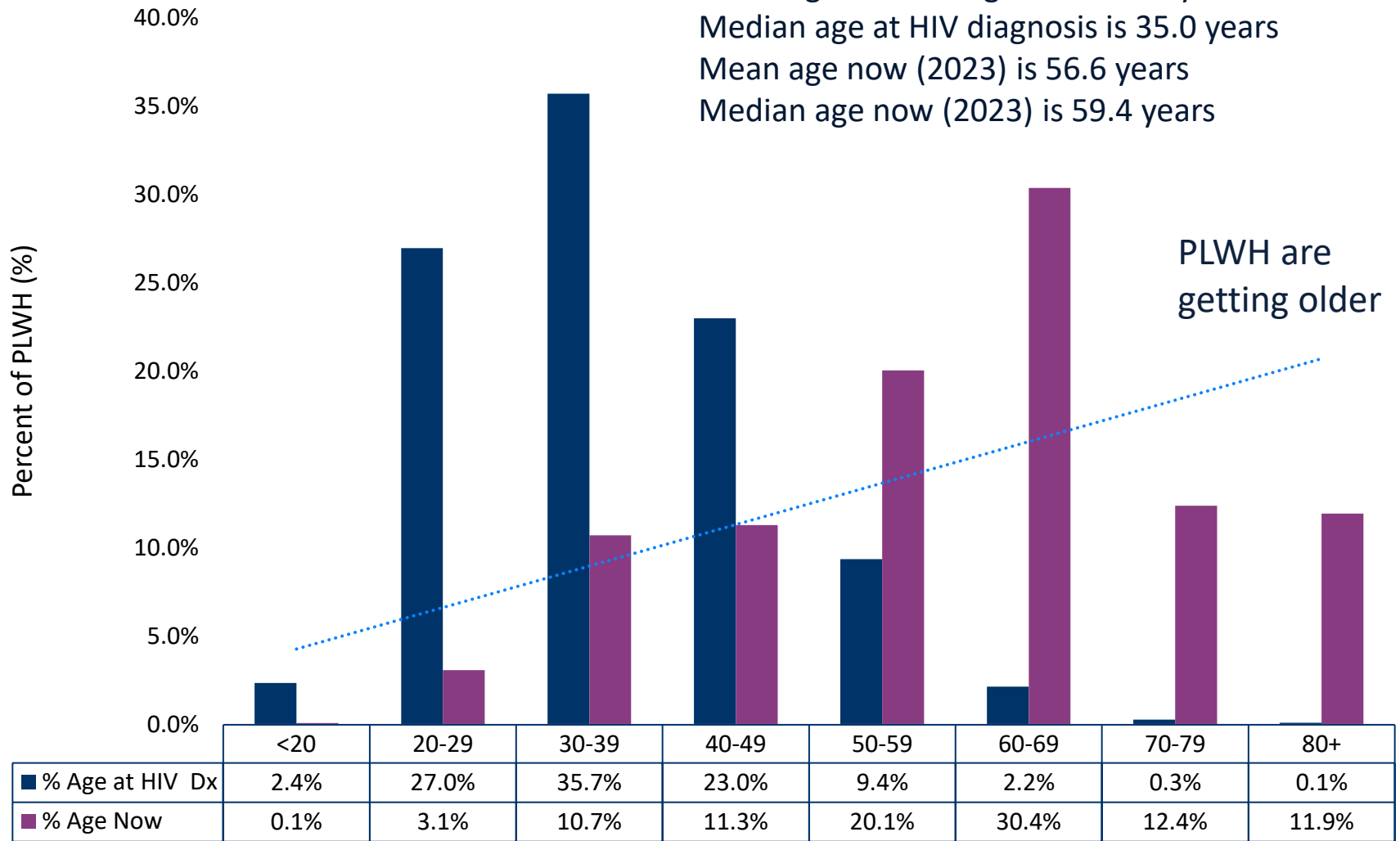


Age Group	< 20	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 +
Count	12	363	1264	1331	2352	3588	1472	1410
Percent	0.1%	3.1%	10.7%	11.3%	19.9%	30.4%	12.5%	12.0%
Age Specific Rate Per 100,000	1.8	98.9	376.6	443.4	759.8	1209.6	731.2	1221.2

Note: Based on patients' age as of December 31, 2023.

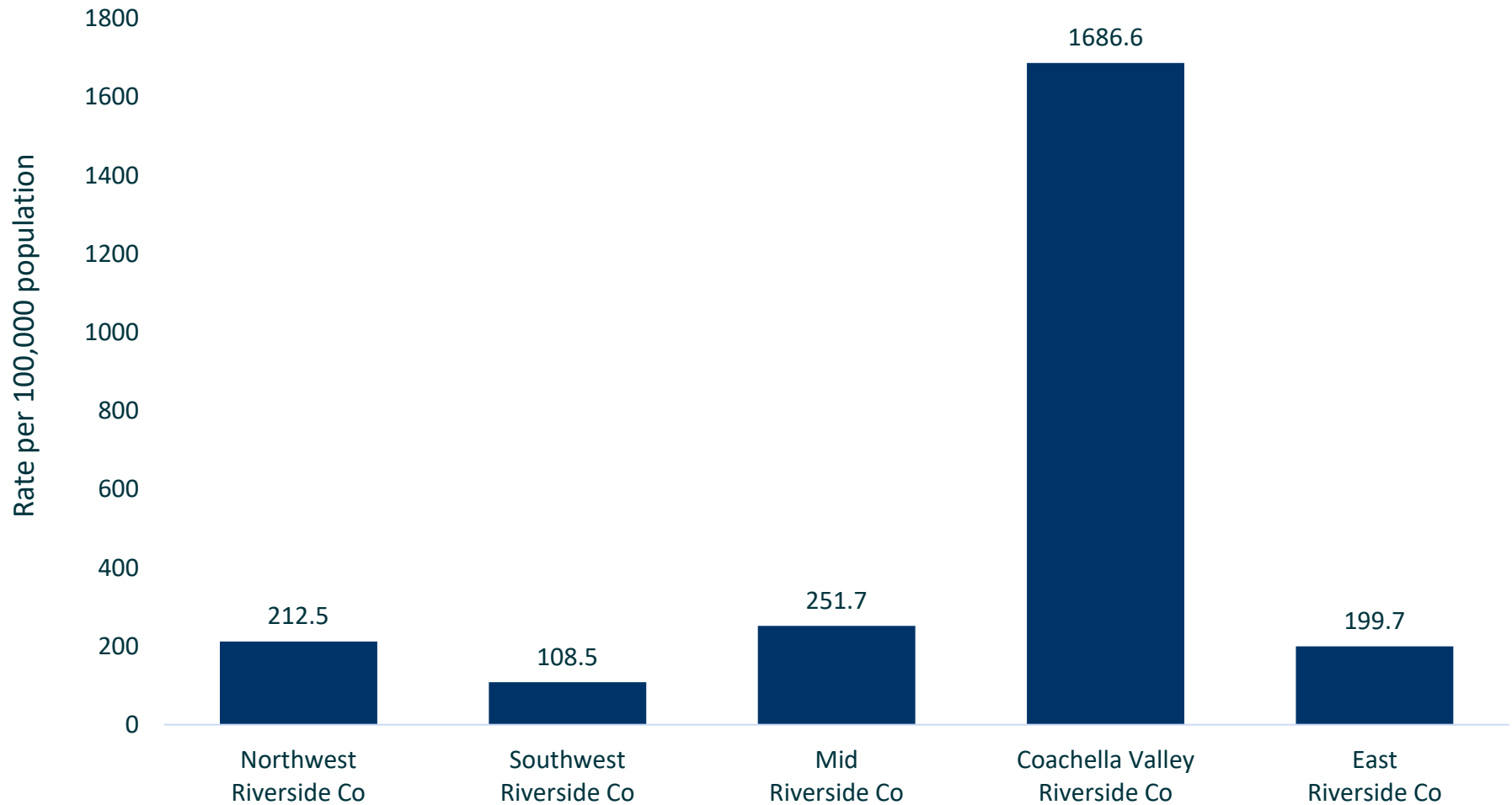
PLWH (All Stages) by Age at Time of HIV Diagnosis (Dx) vs. Age Now (2023)

Mean age at HIV diagnosis is 36.3 years
 Median age at HIV diagnosis is 35.0 years
 Mean age now (2023) is 56.6 years
 Median age now (2023) is 59.4 years



Note: Age Now is based on patients' age as of December 31, 2023

HIV (All Stages) Prevalence (Living) by Region, Riverside County, CA 2023

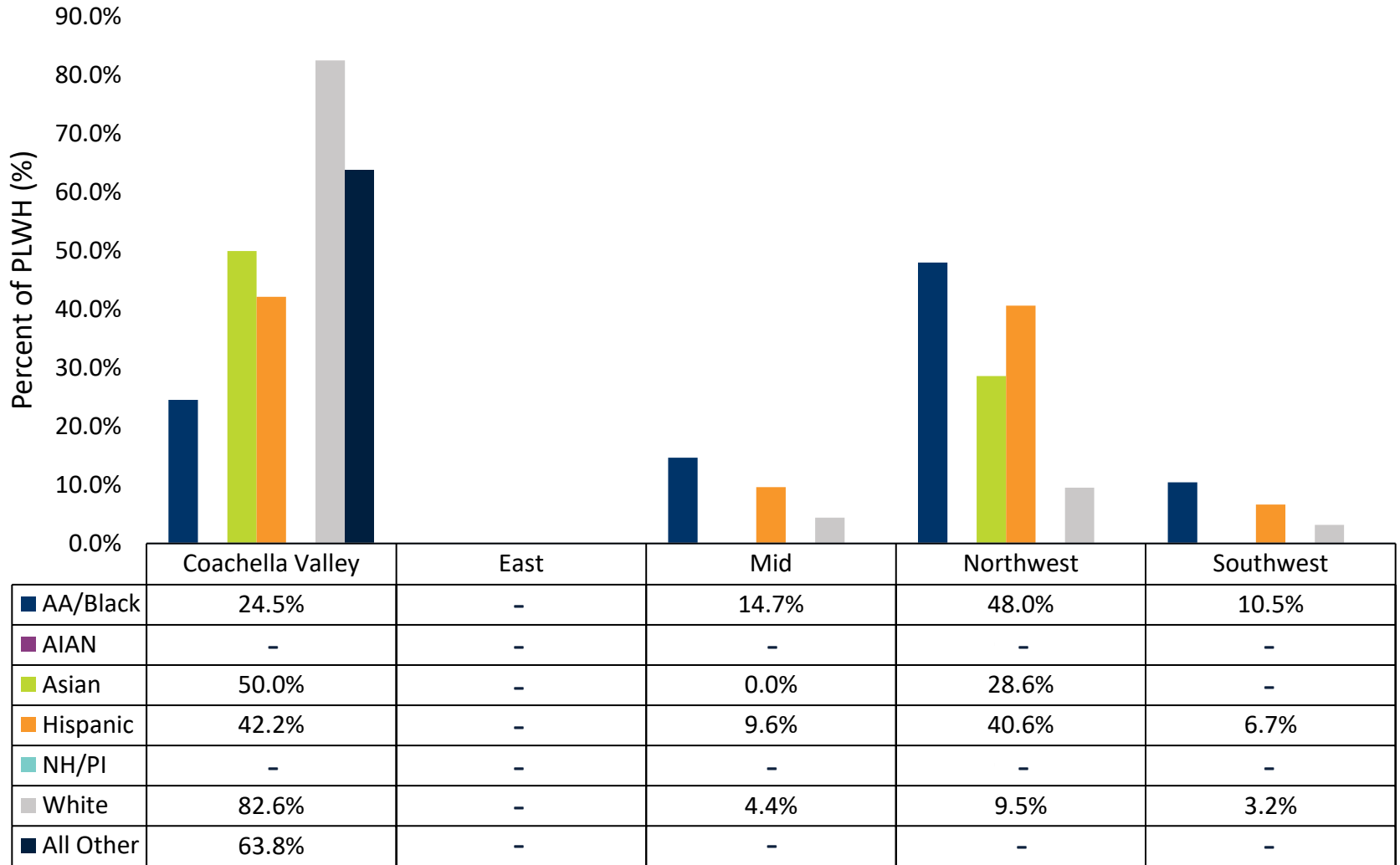


Count of PLWH (All Stages) by Race/Ethnicity and County Region, 2023

	Black/African American	Native American	Asian	Hispanic/Latinx	Native Hawaiian/Pacific Islander	White	All Other	Total
Coachella Valley	256	-	110	1,405	-	5,564	272	7,619
East	-	-	-	-	-	-	-	43
Mid	153	-	-	320	-	298	-	826
Northwest	501	-	63	1354	-	641	-	2,660
Southwest	109	-	-	222	-	213	-	608
Unknown	-	-	-	-	-	-	-	36
County Overall	1043	23	220	3,332	10	6,738	326	11,792

Numbers are suppressed with less than 40 cases

Racial/Ethnic Distribution of PLWH (All Stages) by County Region, 2023



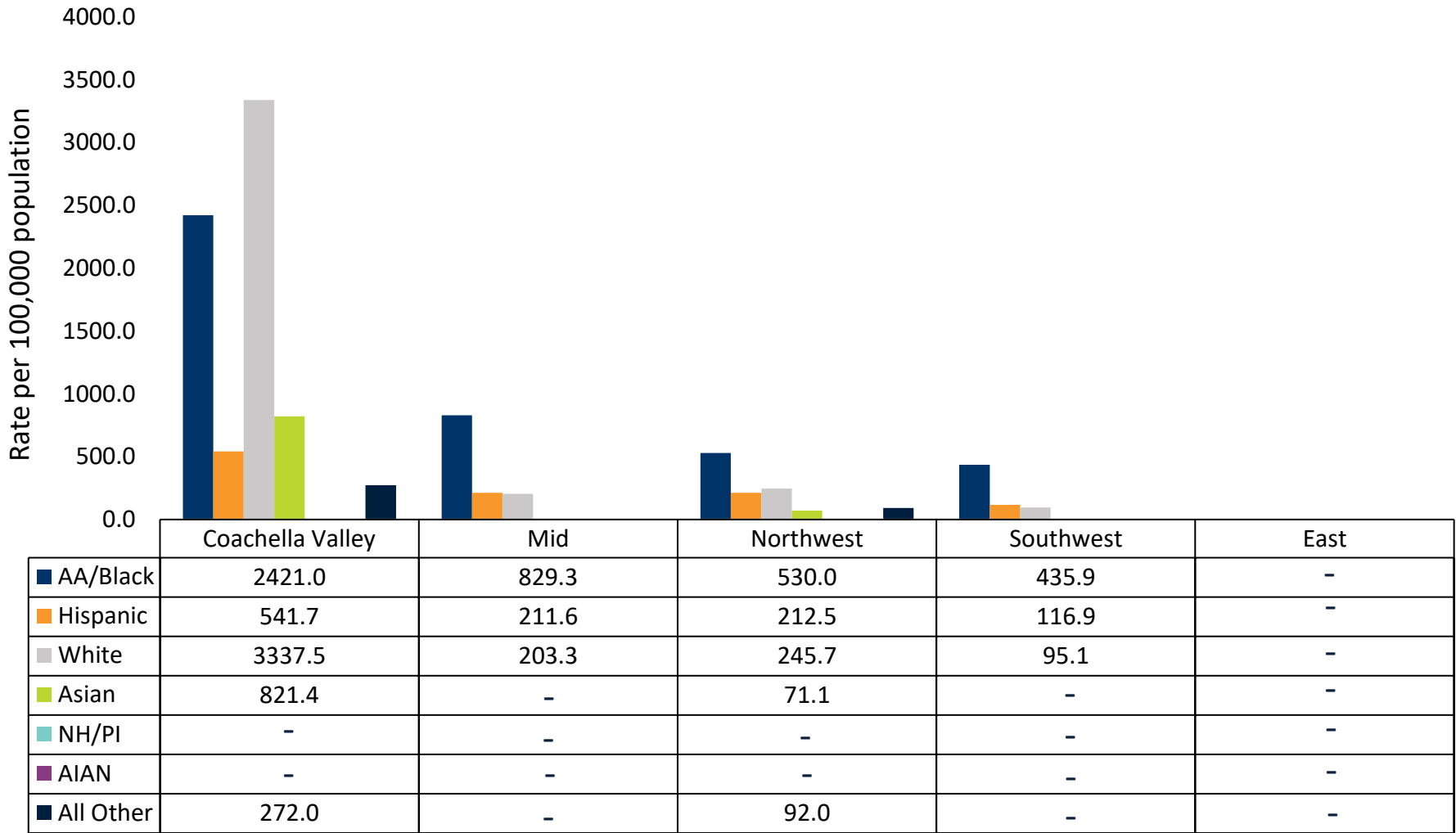
Notes:

48.0% of Black/African American’s LWH live in the Northwest region of the county.

82.6% of White LWH live in the Coachella Valley.

Percents not calculated for race/ethnicities with less than 40 cases

HIV (All Stages) Prevalence Rates by Race/Ethnicity and County Region, Riverside County, CA 2023



Rates not calculated for race/ethnicities with less than 40 cases

HIV Incidence

New HIV cases by year of diagnosis in Riverside County

New HIV Diagnoses by Year, Riverside County and California, 2018 - 2023

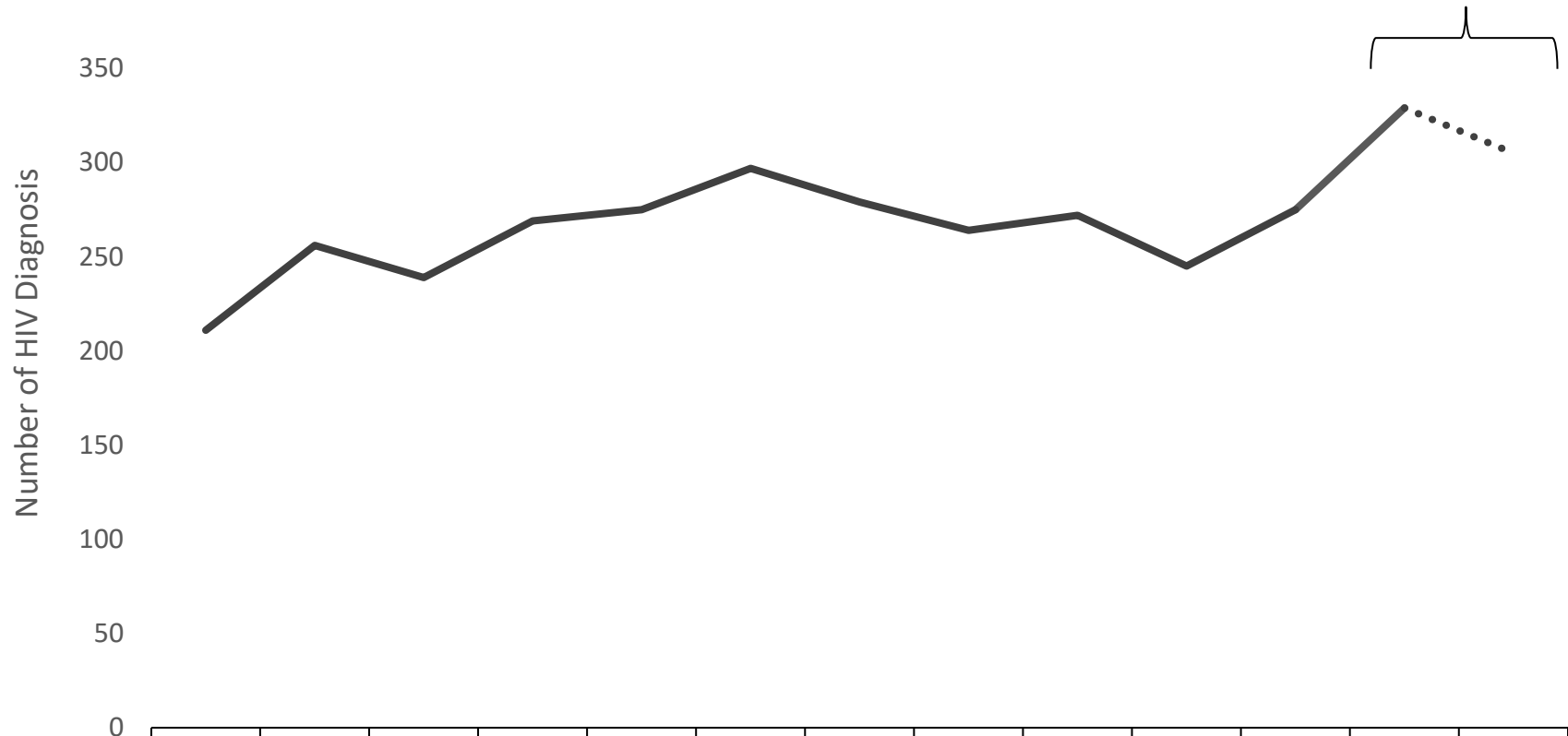
Count and Rate per 100,000 Population, Riverside County, CA						
	2018	2019	2020	2021	2022	2023*
Total Cases	264	272	245	275	329	305
Rate per 100,000 population	11.1	11.3	10.1	11.3	13.5	12.5

Count and Rate per 100,000 Population, California						
	2018	2019	2020	2021	2022	2023
Total Cases	4,863	4,632	4,133	4,572	4,882	Not Available
Rate per 100,000 population	12.3	11.6	10.4	11.4	12.2	Not Available

*2023 data is considered provisional

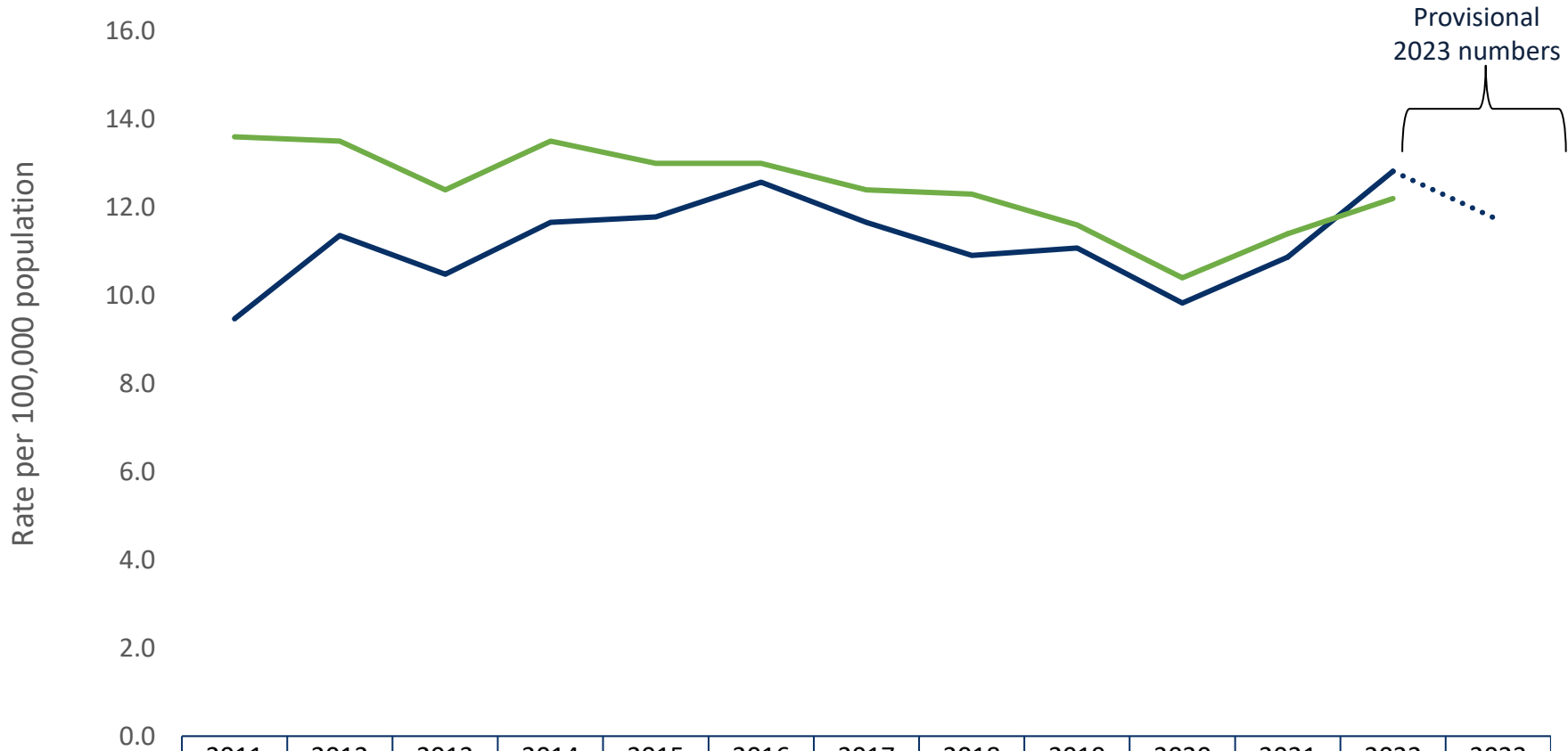
Count of HIV Diagnoses by Year, Riverside County, CA, 2011-2023

Provisional
2023 numbers



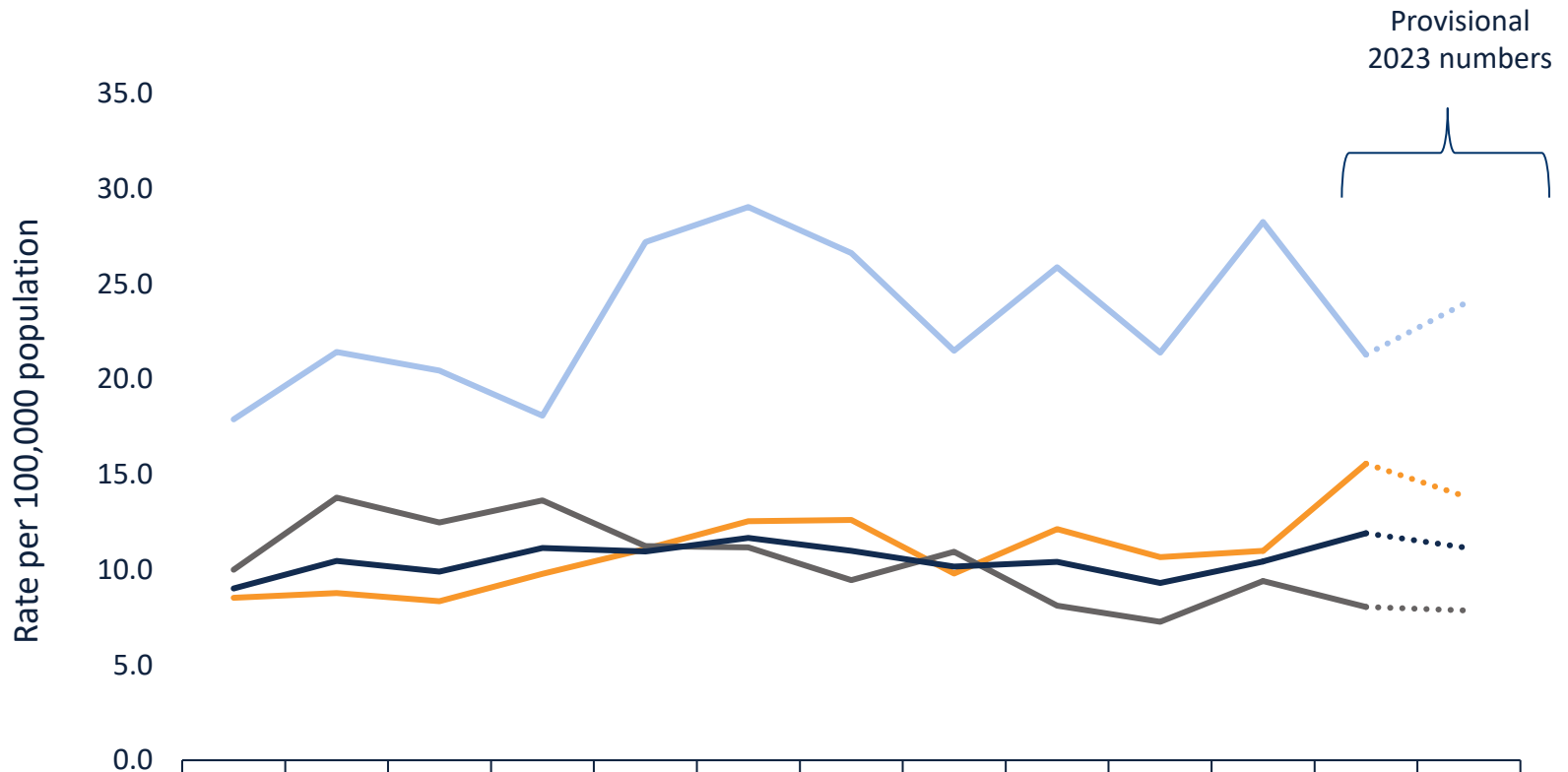
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
— HIV Diagnosis	211	256	239	269	275	297	279	264	272	245	275	329	305

HIV Incidence Rates, Riverside County and California, 2011 - 2023



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
— Riverside Co	9.5	11.4	10.5	11.7	11.8	12.6	11.7	10.9	11.1	9.8	10.9	12.8	11.7
— California	13.6	13.5	12.4	13.5	13.0	13.0	12.4	12.3	11.6	10.4	11.4	12.2	N/A

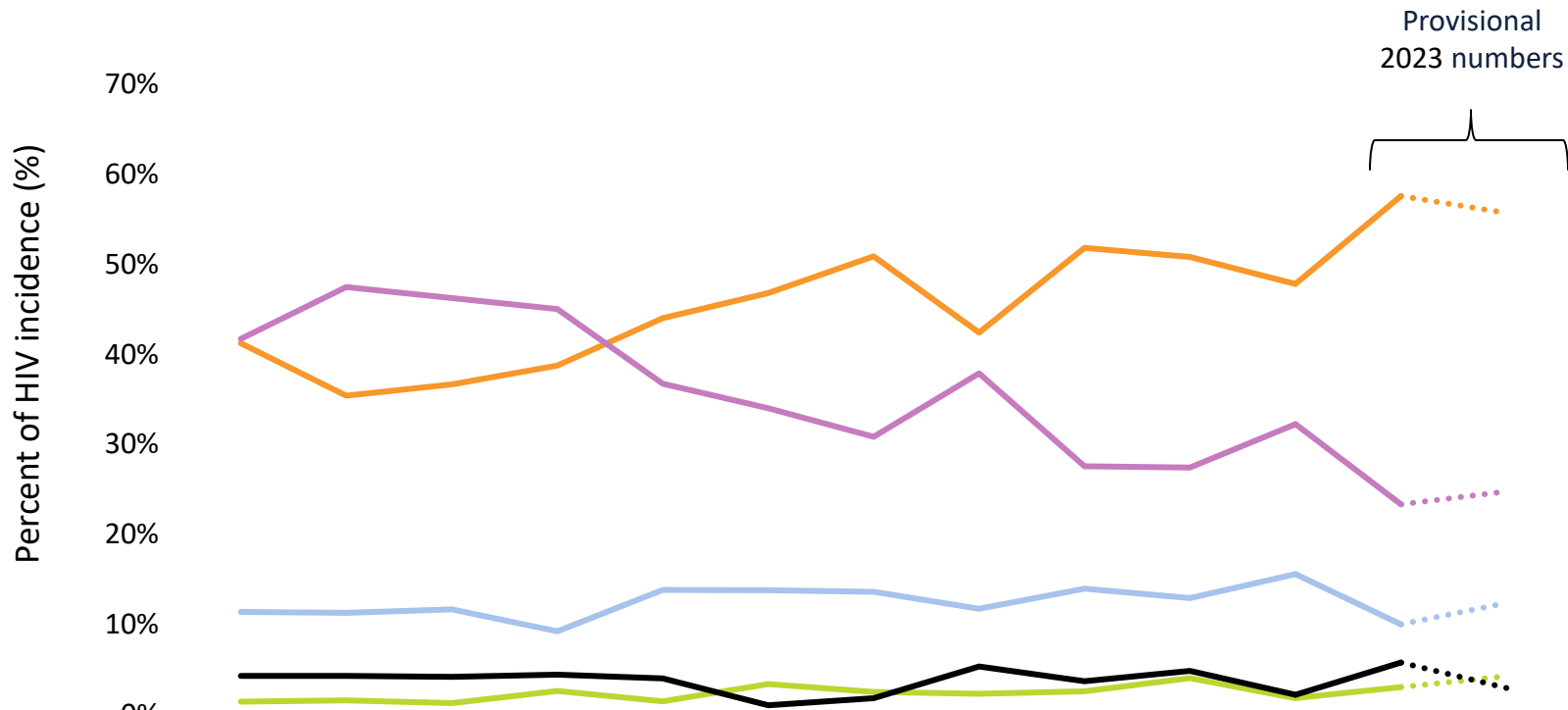
HIV Incidence Rates by Year of Diagnosis and Race/Ethnicity, Riverside County, CA, 2011-2023



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Hispanic	8.5	8.8	8.4	9.8	11.1	12.6	12.6	9.8	12.1	10.7	11.0	15.6	13.8
Black/African American	17.9	21.4	20.5	18.1	27.2	29.1	26.6	21.5	25.9	21.4	28.3	21.3	24.1
White	10.0	13.8	12.5	13.7	11.3	11.2	9.5	10.9	8.1	7.3	9.4	8.1	7.9
County Overall	9.0	10.5	9.9	11.1	11.0	11.7	11.0	10.2	10.4	9.3	10.4	11.9	11.1

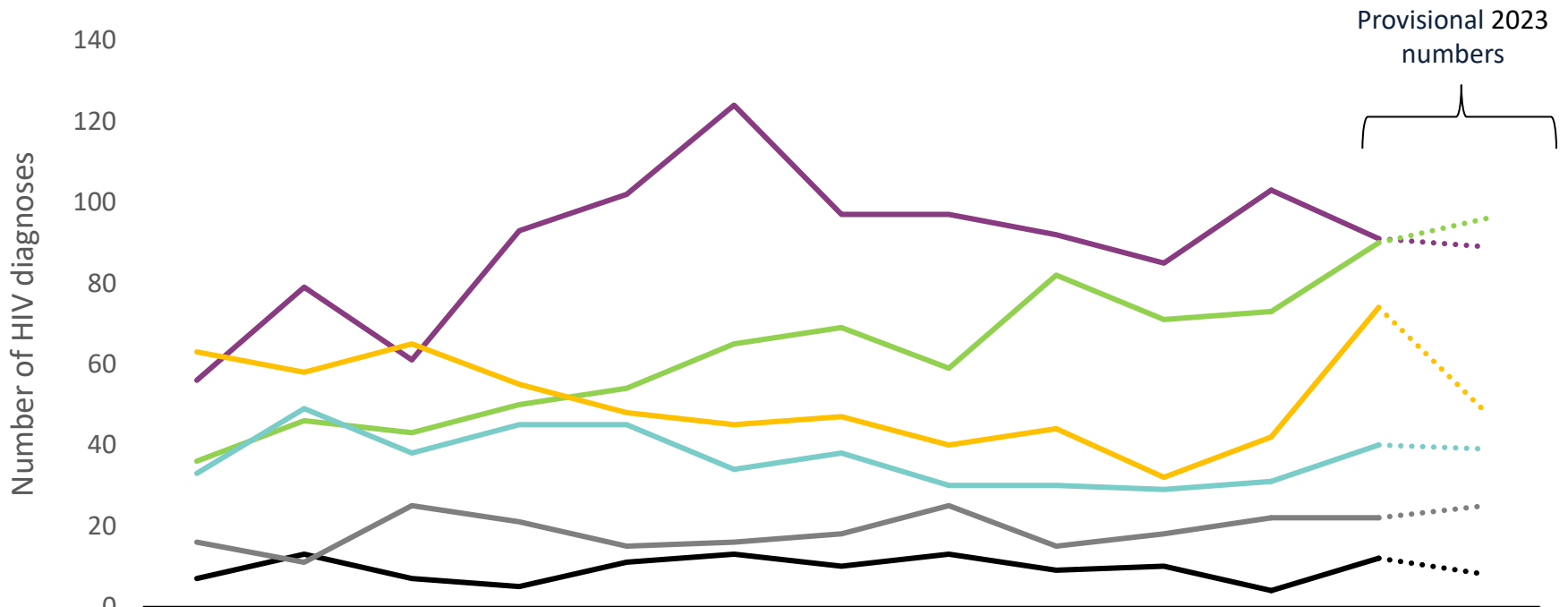
Rates not calculated for race/ethnicities with less than 20 cases per year

Proportion of HIV Cases by Race/Ethnicity, Riverside County, CA, 2011-2023



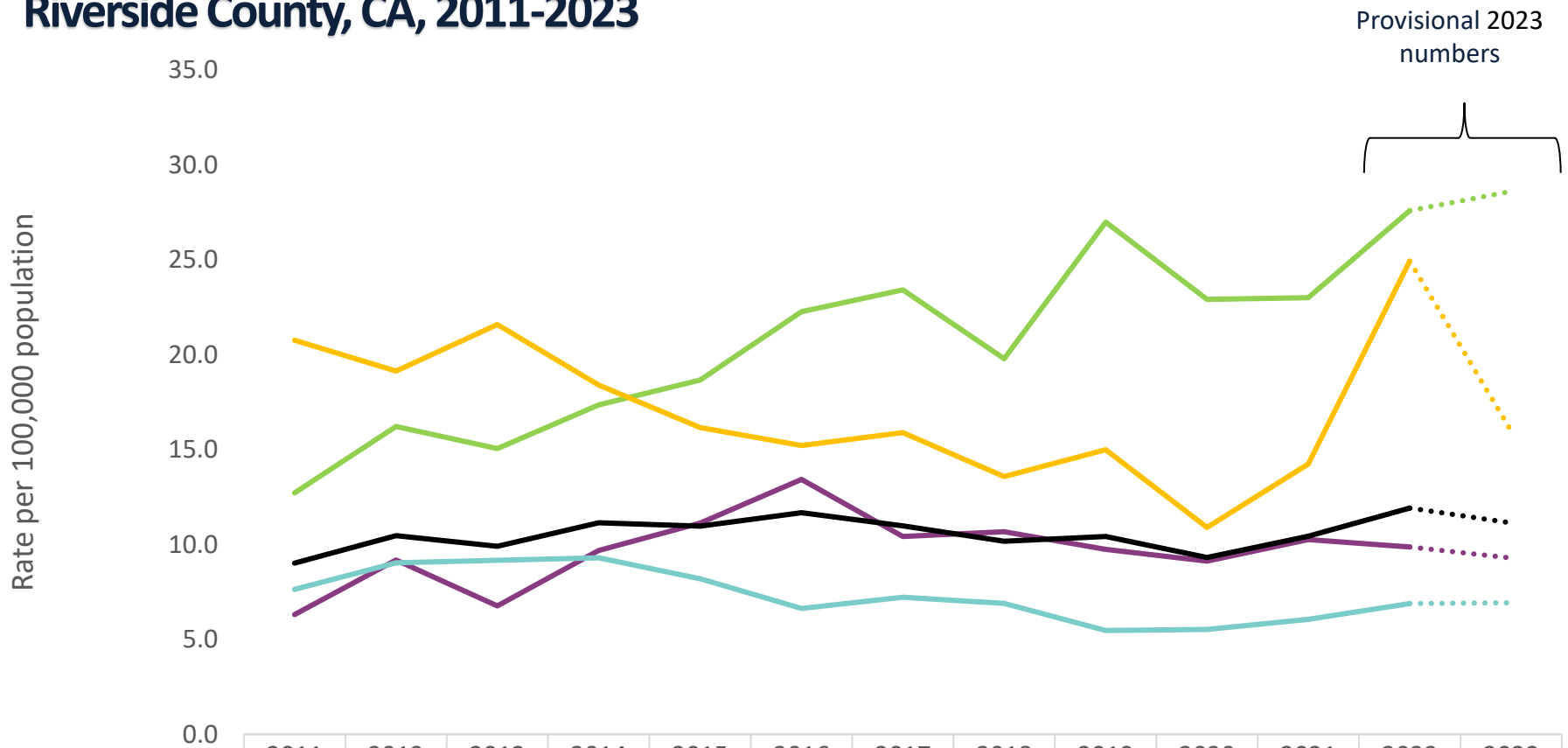
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Hispanic	41.2%	35.4%	36.7%	38.7%	44.0%	46.8%	50.9%	42.4%	51.8%	50.8%	47.8%	57.6%	55.7%
Black/African American	11.4%	11.3%	11.7%	9.2%	13.8%	13.8%	13.6%	11.7%	14.0%	12.9%	15.6%	10.0%	12.4%
White	41.7%	47.5%	46.3%	45.0%	36.7%	34.0%	30.8%	37.9%	27.6%	27.4%	32.2%	23.3%	24.8%
Asian	1.4%	1.6%	1.3%	2.6%	1.5%	3.4%	2.5%	2.3%	2.6%	4.0%	1.8%	3.0%	4.2%
Other Race/Ethnicity	4.3%	4.3%	4.2%	4.4%	4.0%	1.0%	1.8%	5.3%	3.7%	4.8%	2.2%	5.8%	2.9%

Number of New HIV Cases by Year and Age, Riverside County, CA, 2011-2023



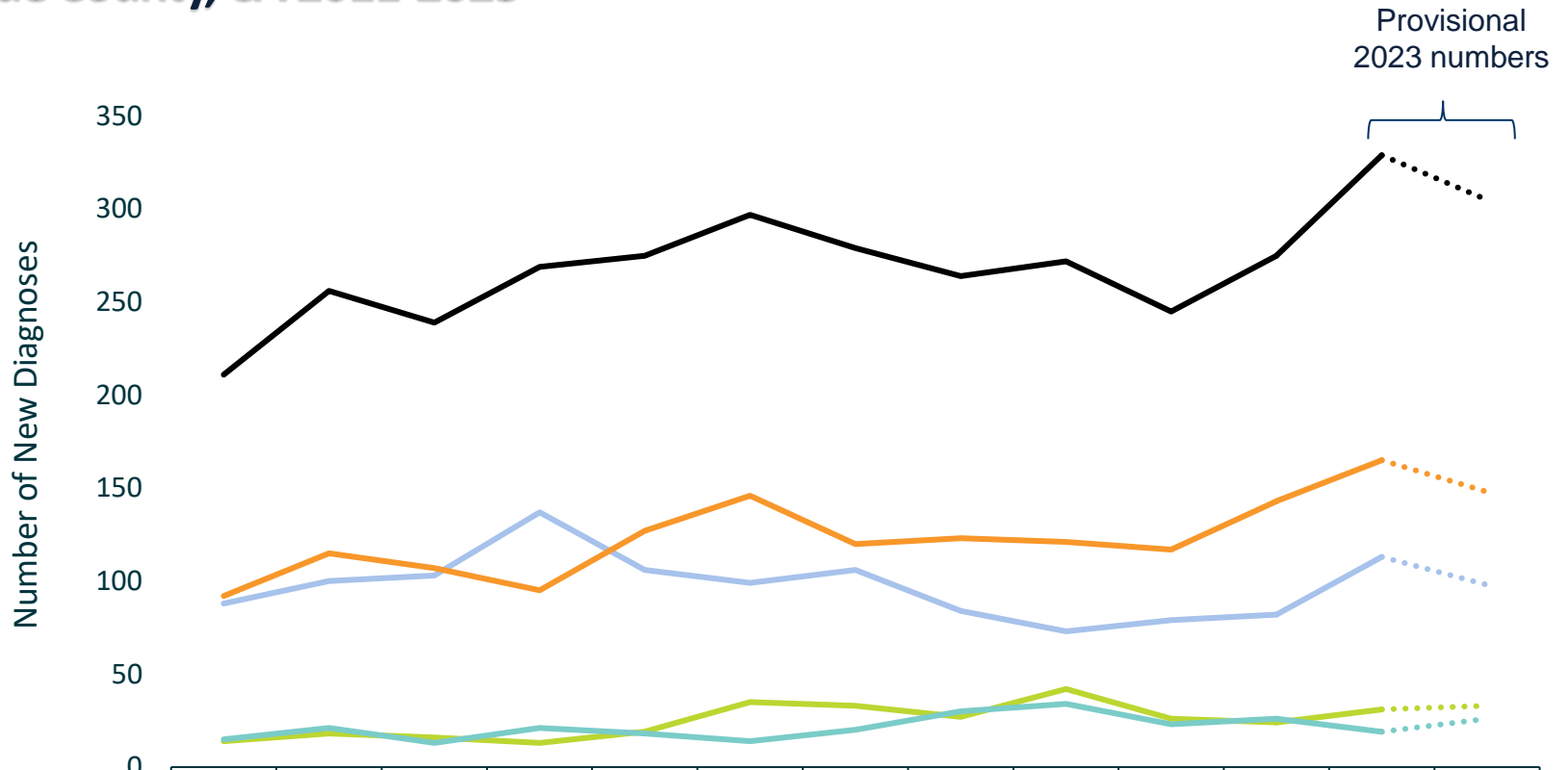
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
— <20	7	13	7	5	11	13	10	13	9	10	4	12	8
— 20-29	56	79	61	93	102	124	97	97	92	85	103	91	89
— 30-39	36	46	43	50	54	65	69	59	82	71	73	90	96
— 40-49	63	58	65	55	48	45	47	40	44	32	42	74	48
— 50-59	33	49	38	45	45	34	38	30	30	29	31	40	39
— 60+	16	11	25	21	15	16	18	25	15	18	22	22	25

Age Specific HIV Incidence Rates by Year, Riverside County, CA, 2011-2023



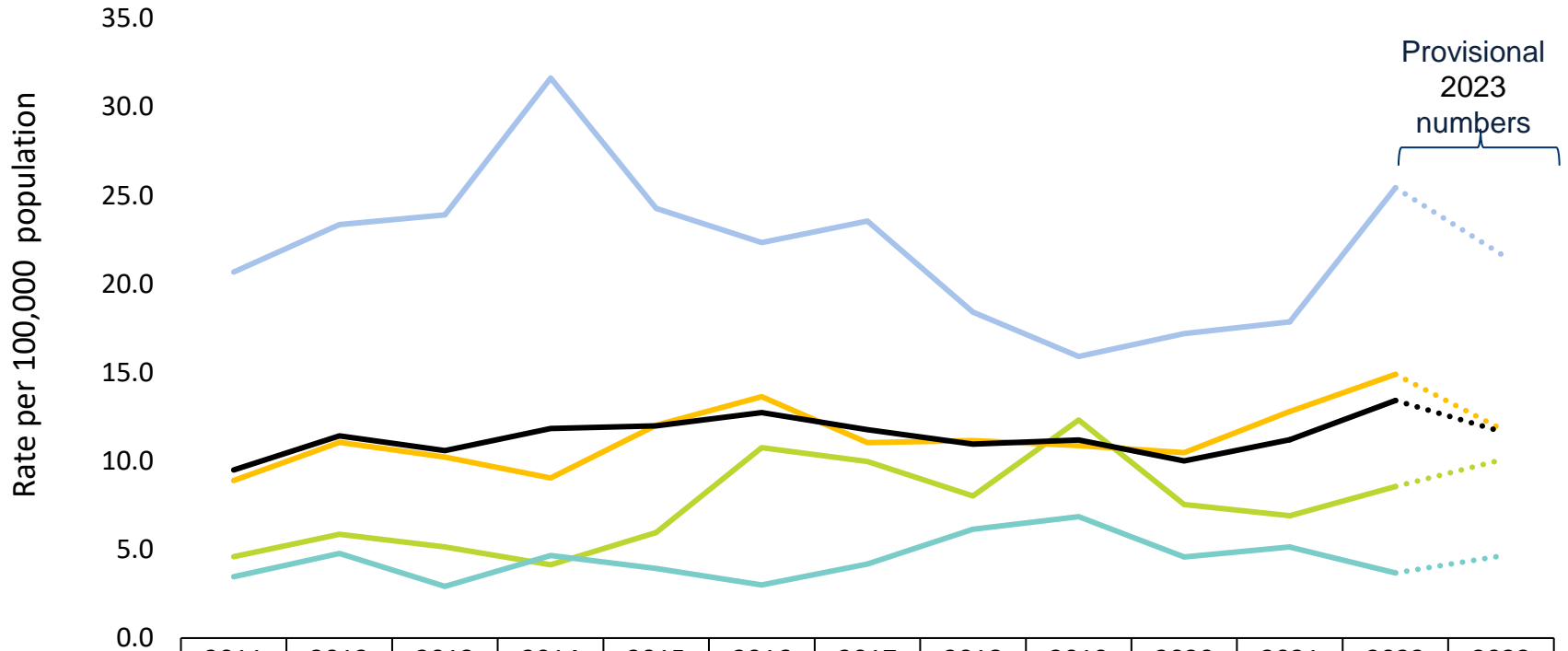
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
— <30	6.3	9.2	6.8	9.7	11.1	13.4	10.4	10.7	9.8	9.1	10.3	9.9	9.3
— 30-39	12.7	16.2	15.1	17.4	18.7	22.3	23.4	19.8	27.0	22.9	23.0	27.6	28.6
— 40-49	20.8	19.1	21.6	18.4	16.2	15.2	15.9	13.6	15.0	10.9	14.3	24.9	16.0
— 50+	7.6	9.0	9.2	9.3	8.2	6.6	7.2	6.9	5.5	5.5	6.1	6.9	6.9
— County Overall	9.0	10.5	9.9	11.1	11.0	11.7	11.0	10.2	10.4	9.3	10.4	11.9	11.1

HIV Counts by Year of Diagnosis and County Region, Riverside County, CA 2011-2023



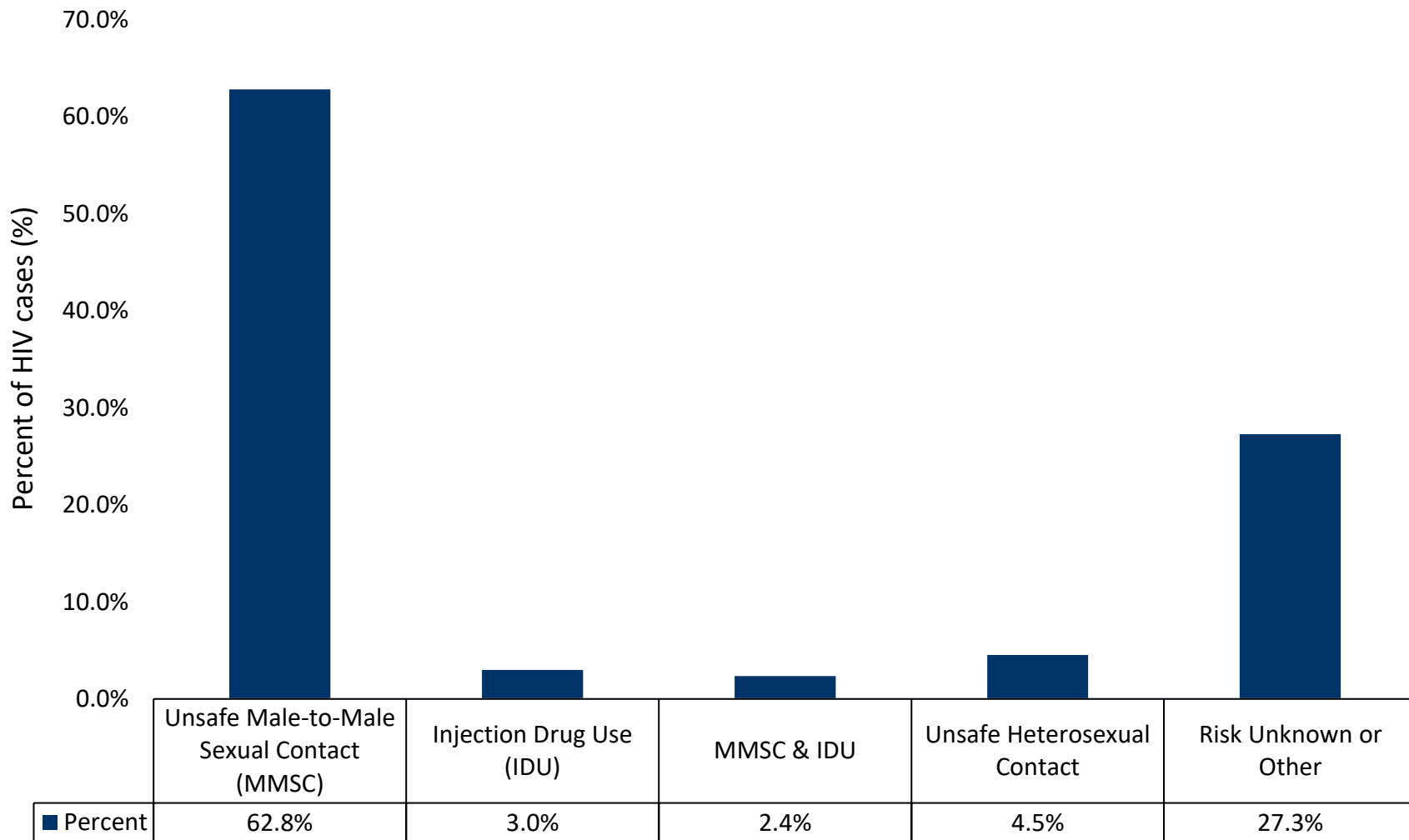
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Coachella Valley	88	100	103	137	106	99	106	84	73	79	82	113	98
Mid	14	18	16	13	19	35	33	27	42	26	24	31	33
Northwest	92	115	107	95	127	146	120	123	121	117	143	165	148
Southwest	15	21	13	21	18	14	20	30	34	23	26	19	26
County Overall	211	256	239	269	275	297	279	264	272	245	275	329	305

HIV Incidence Rate by Year of Diagnosis and County Region, Riverside County, CA , 2011-2023



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Coachella Valley	20.7	23.4	23.9	31.6	24.3	22.4	23.6	18.4	15.9	17.2	17.9	25.4	21.7
Mid	4.6	5.9	5.2	4.1	6.0	10.8	10.0	8.0	12.3	7.6	6.9	8.6	10.1
Northwest	8.9	11.1	10.2	9.1	12.0	13.6	11.0	11.2	10.9	10.5	12.8	14.9	11.8
Southwest	3.5	4.8	2.9	4.7	3.9	3.0	4.2	6.2	6.9	4.6	5.1	3.7	4.6
County Overall	9.5	11.4	10.6	11.8	12.0	12.7	11.8	11.0	11.2	10.0	11.2	13.4	11.7

Reported Risk Factor for HIV Cases Diagnosed from 2019 through 2023, 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, 2023

The 2023 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.	11, 516	9,310	81%	6,857	60%	8,590	75%
California	142,772	107,736	74%	75,605	52%	94,911	66%

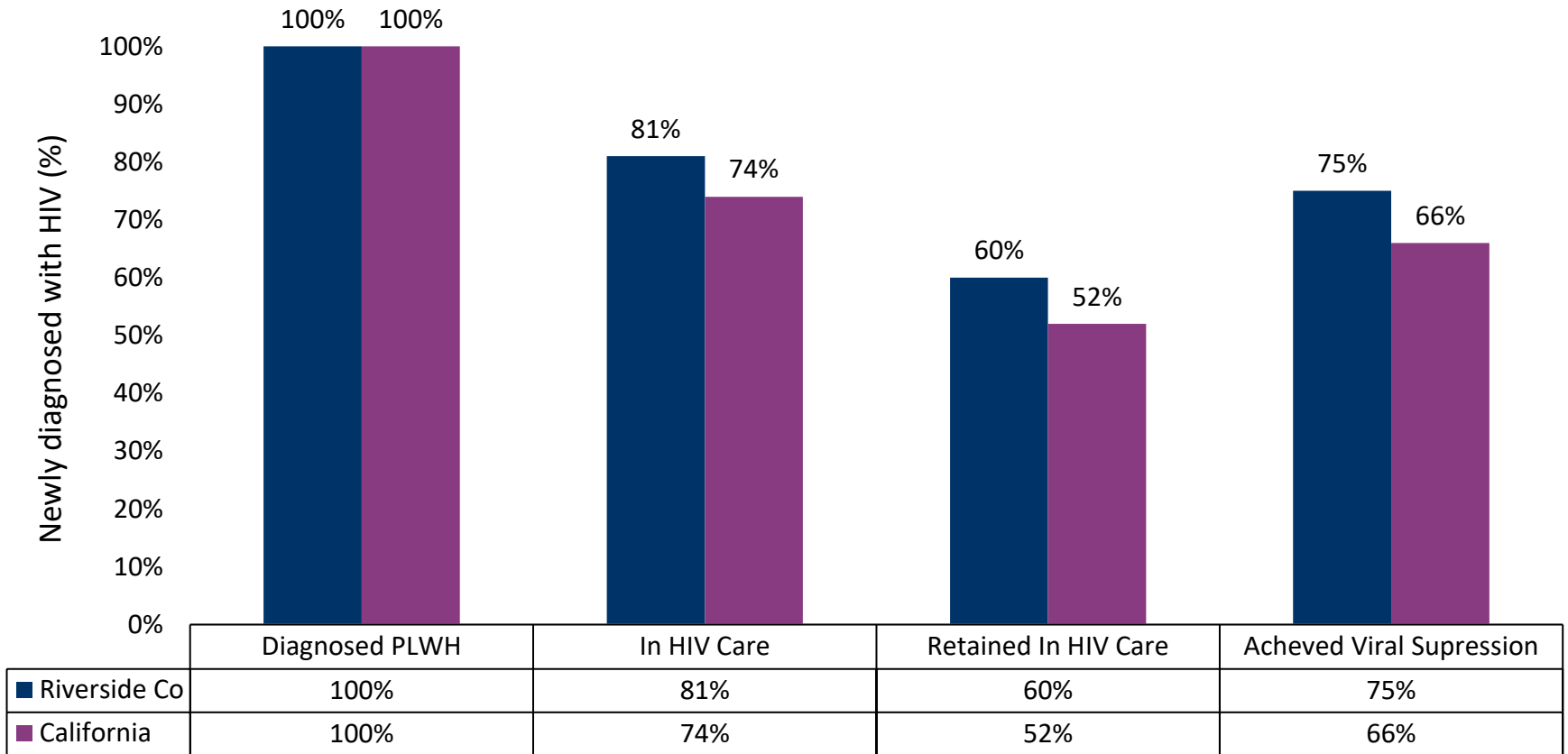
In-Care: Persons who had at least one CD4, viral load, or HIV-1 genotype test during the calendar year.

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 ≤ 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, 2023



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 ≤ 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, 2023

	PLWH	In-Care		Retained In-Care		Virally Suppressed	
		N	%	N	%	N	%
Riverside Co.	300	280	93%	209	70%	229	76%
California	4,882	4,613	95%	3,749	77%	3,718	76%

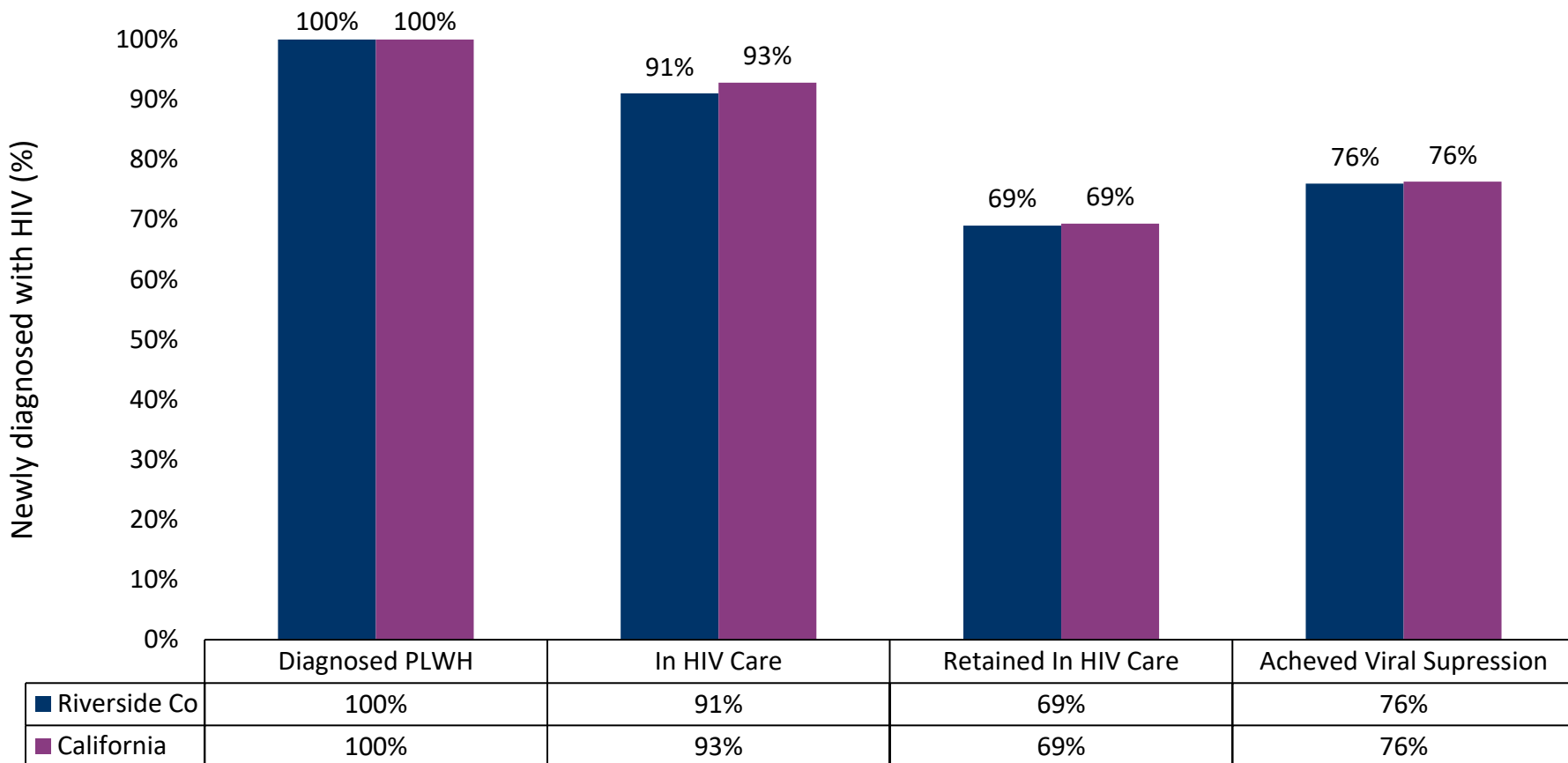
In-Care: Persons who had at least one CD4, viral load, or HIV-1 genotype test within 12 months of diagnosis.

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 ≤ 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, 2023

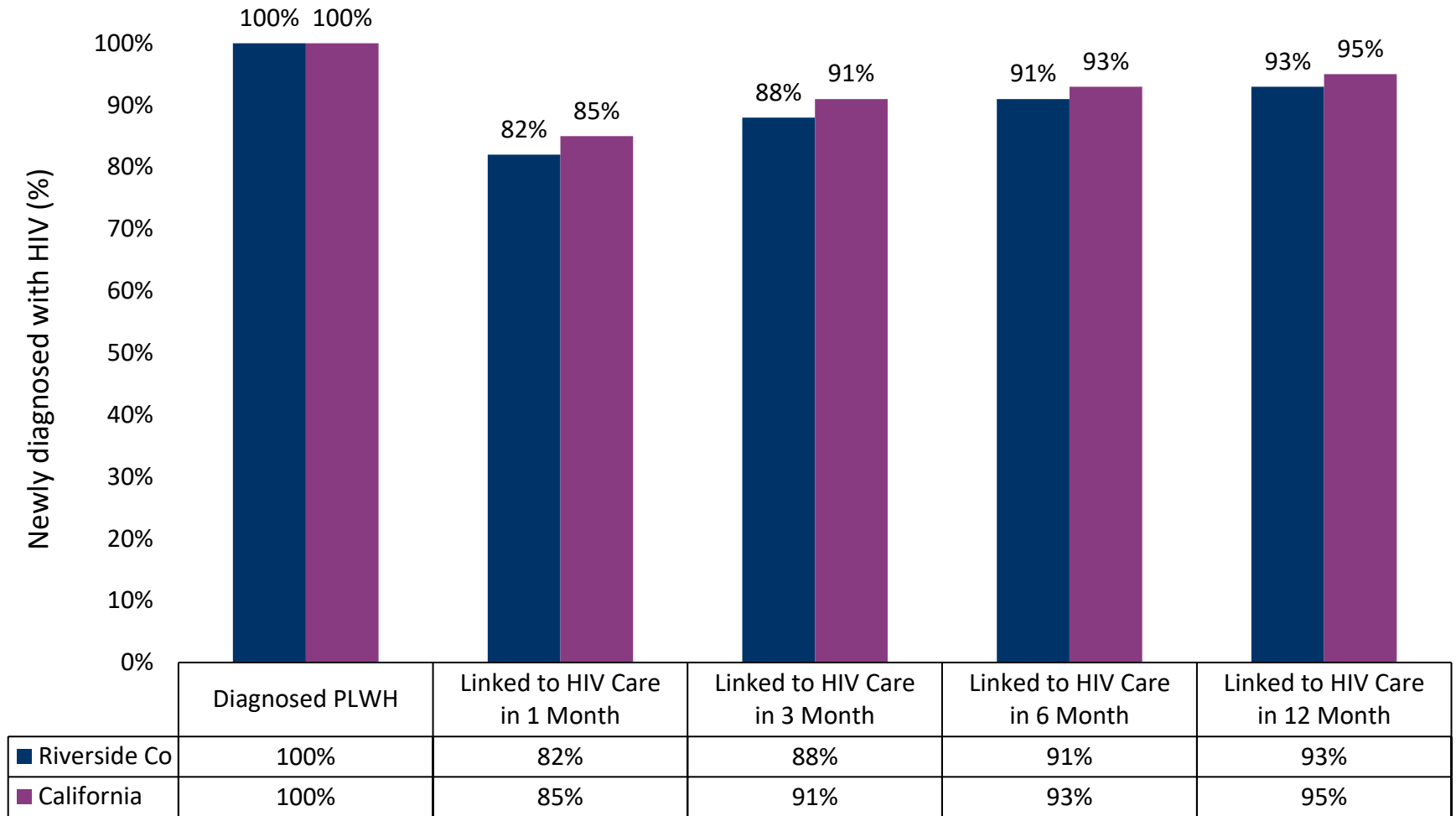


In-Care: Persons who had at least one CD4, viral load, or HIV-1 genotype test within 12 months of diagnosis.

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 ≤ 200 copies/ml.

Linkage to Care for Persons Newly Diagnosed With HIV, Riverside County and California, 2023



Riverside County HIV Summary

Summary

Prevalence:

- There are currently 11,792 people reported living with HIV in Riverside County.
- Of PLWH diagnosed in the county, 57.1% are White.
- The Coachella Valley has more than 1.8 times the number of PLWH than all other regions combined.
- Over two-thirds (74.8%) of people living with HIV in Riverside County are 50 years old or older.
- The region of Coachella Valley has the highest percent of PLWH for all racial/ethnic backgrounds except for the Black/African American population which is in the Northwestern region.
- Riverside County has 75% of PLWH in care and virally suppressed compared to 66% of Californian PLWH.

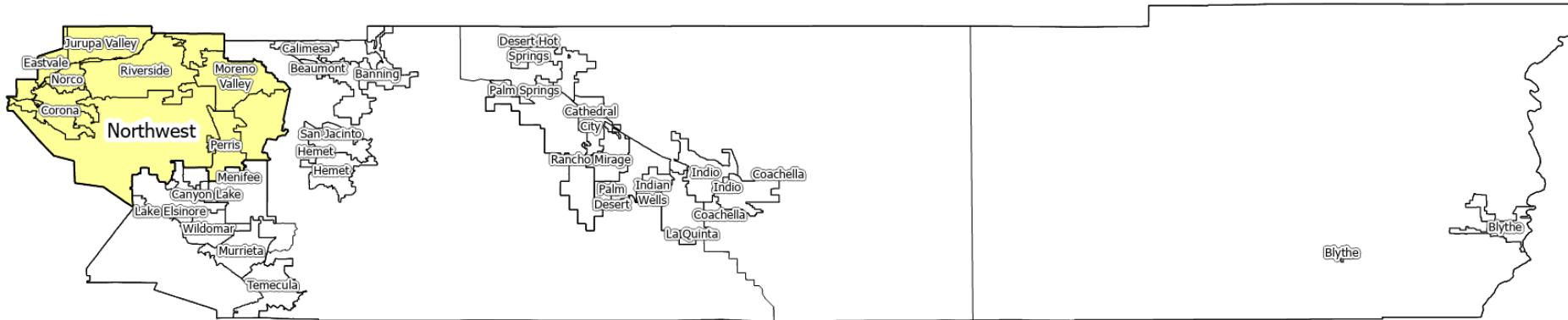
Summary Continued

Incidence:

- In 2023, 86.4% of newly diagnosed HIV cases have been among gay, bisexual, same gender loving, or male-to-male sexual contact (MMSC).
- Over the past five years (2019 – 2023), just under twenty percent (19.0%) of all new HIV cases in Riverside County were in people 50 years old or older.
- In 2023, though only 6% of the population, African Americans represent over 10 percent (12.5%) 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 2,660 people reported to be living with HIV in northwest Riverside County.
- Nearly a quarter (22.6%) of all PLWH in Riverside County reside in the northwest part of the county.
- Incidence in the northwest region have continued to increase over the last decade.

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 ethnically 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 47.6 years, compared to 59.4 in the rest of the county.
 - 34.8% of all people living with HIV in the northwest are under 40 years old. In the rest of Riverside County, only 15.9% of those living with HIV/AIDS are younger than 40.
 - 75.6% of all people living with HIV in northwest Riverside County are people of color compared to 42.4% in the rest of Riverside County.

Northwest Riverside County HIV Incidence, 2014 - 2023

- From 2014 through 2023, there have been 1,305 HIV cases diagnosed in the northwest part of the county.
 - Average of 131 new cases per year.
- From 2014 through 2023, nearly half (46.4%) of all new HIV cases diagnosed in Northwest Riverside County were among those younger than 30 years old.

Age group	Percent of new cases Northwest	Percent of new cases County	Percent of Northwest population
Under 20	3.8%	3.4%	29.4%
20 – 29	42.5%	34.6%	16.1%
30 – 39	27.1%	25.2%	15.6%
40 – 49	14.1%	16.9%	11.9%
50 – 59	8.7%	12.8%	11.2%
60-69	2.8%	1.7%	9.2%
70+	0.8%	1.7%	11.2%

- Percent of Northwest population: The percent that population makes up in the Northwest region. i.e.: Ages 20-29 make up 16.1% of the Northwest population

Northwest Riverside County HIV Incidence, 2014 - 2023

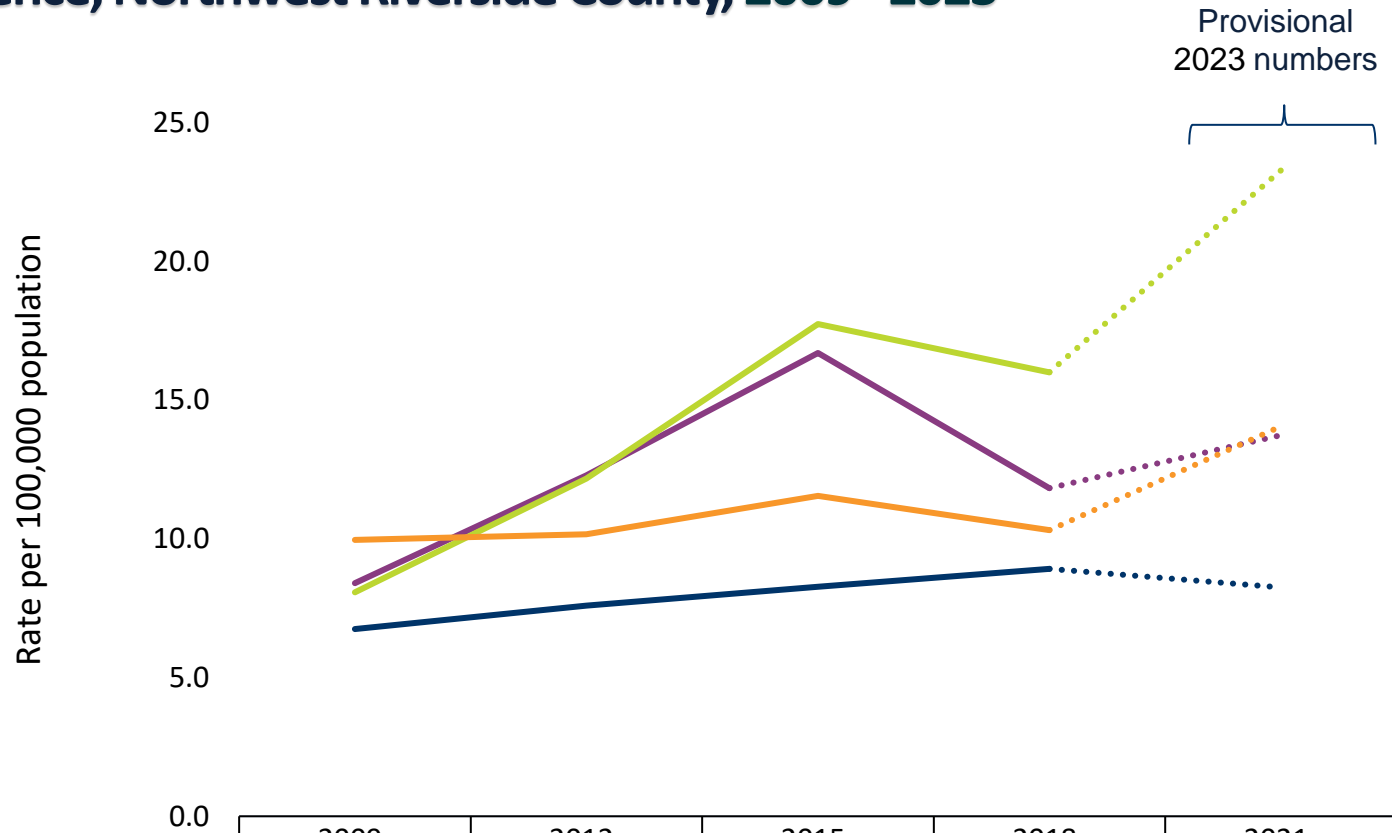
- Most new HIV cases in Northwestern Riverside County are among the Hispanic/Latinx population.

Gender	Percent of new cases
Male	87.4%
Female	11.3%
Trans Male and Female	1.4%

Ethnicity	Percent of new cases Northwest	Percent of new cases County	Percent of Northwest population
Hispanic/Latinx	57.6%	49.0%	36.0%
Black/African American	18.4%	12.7%	5.5%
White	18.0%	31.7%	32.1%
Asian	3.1%	2.8%	5.0%
All Other	2.8%	3.8%	21.3%

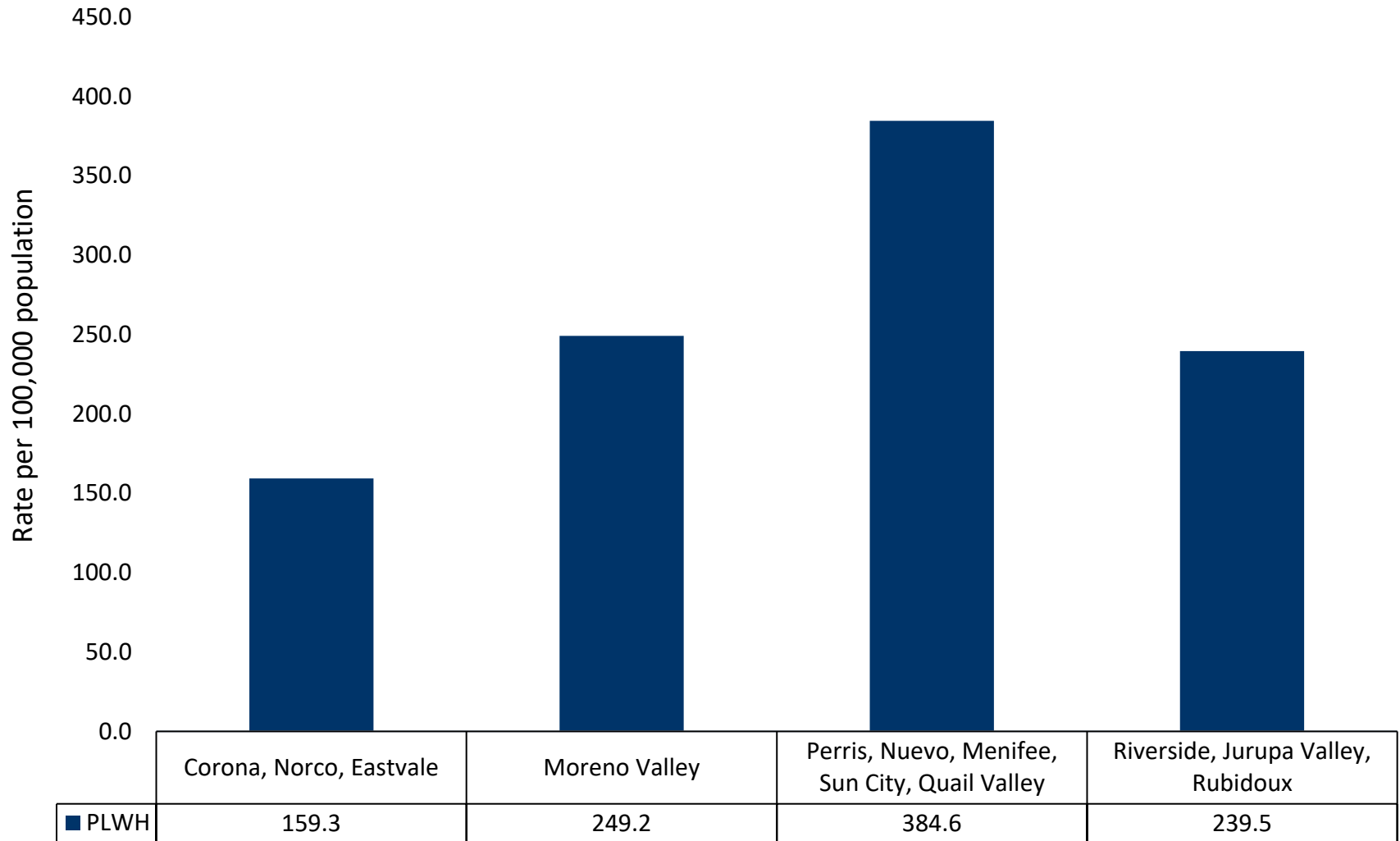
* All Other: Include AIAN, Multi-race, NH/PI, and Unknown cases

Average HIV Incidence, Northwest Riverside County, 2009 - 2023



	2009-2011	2012-2014	2015-2017	2018-2020	2021-2023
Corona, Norco, Eastvale	6.8	7.6	8.3	8.9	8.3
Moreno Valley	8.4	12.3	16.7	11.8	13.7
Perris, Nuevo, Menifee, Sun City, Quail Valley	8.1	12.2	17.7	16.0	23.3
Riverside, Jurupa Valley, Mira Loma, Rubidoux	10.0	10.2	11.5	10.3	14.1

Prevalence of Persons Living with HIV/AIDS, Northwest Riverside County, 2023

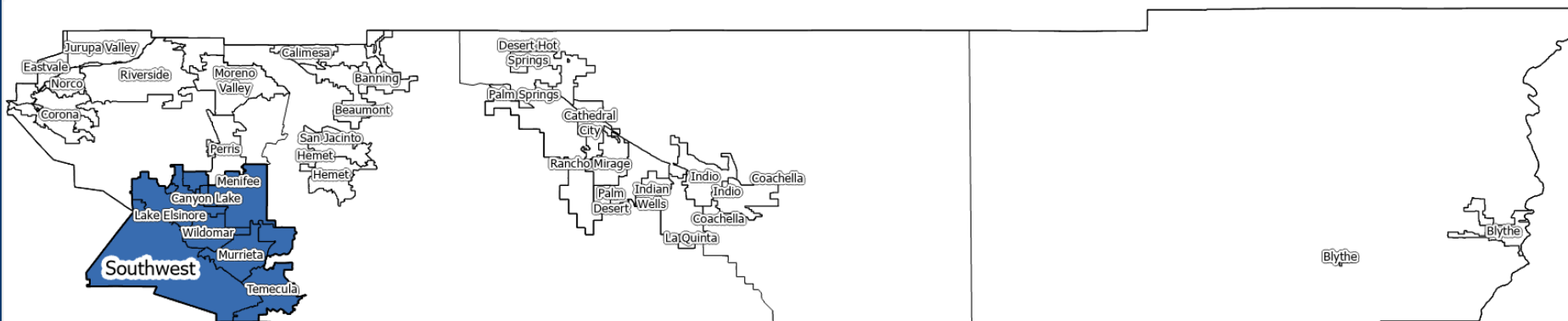


Northwest Riverside County Zip-Code & Population Key

	Riverside, Jurupa Valley, Mira Loma, Rubidoux, March ARB	Corona, Norco, Eastvale	Moreno Valley	Perris, Nuevo
	91752	92860	92551 - 92557	92567
	92324	92877 - 92883		92570 - 92572
	92501 - 92509			92599
	92513 - 92519			92584 - 92587
	92521 - 92522			
2023 Population Estimate	488,491	286,830	213,516	130,260
2021 Population Estimate	488,663	292,722	208,133	129,979
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 608 people reported to be living with HIV in the southwestern region of the county.
- 5.2% of all PLWH in Riverside County reside in the southwest part of the county.
- From 2014 through 2023, there have been 231 HIV cases diagnosed in the southwestern region of the county.
 - Average of 23.1 new cases per year.

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

Southwest Riverside County HIV Incidence, 2014 - 2023

- From 2014 through 2023, 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 Southwest	Percent of new cases County	Percent of Southwest population
Under 20	3.0%	3.4%	28.4%
20 – 29	37.7%	34.6%	14.1%
30 – 39	30.3%	25.2%	14.8%
40 – 49	16.9%	16.9%	13.0%
50 – 59	8.2%	12.8%	12.6%
60 – 69	3.5%	1.7%	9.9%
70 years and older	0.4%	1.6%	7.2%

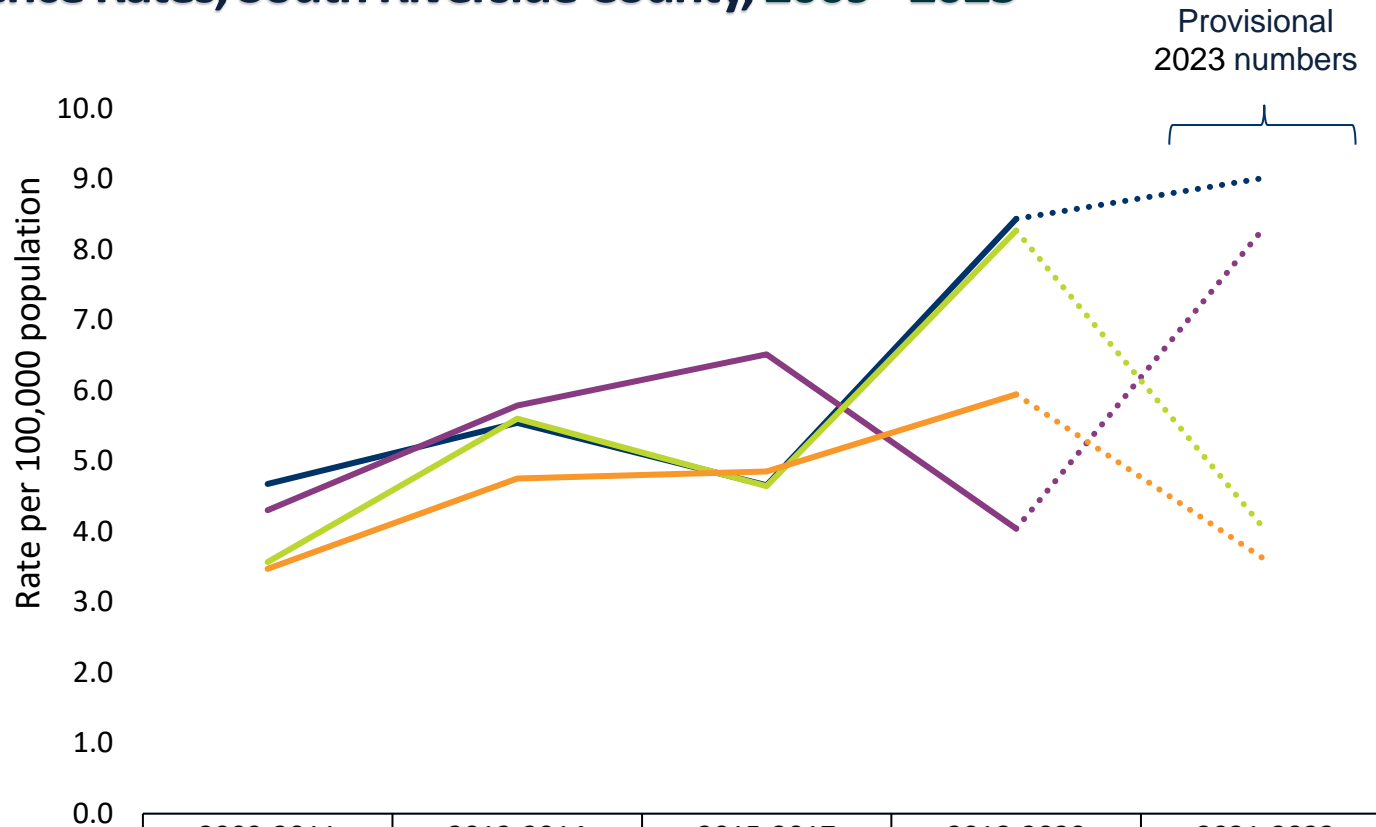
Southwest Riverside County HIV Incidence, 2014 - 2023

Gender	Percent of population
Female	13.9%
Male	85.7%
Trans Male and Female	0.4%

Ethnicity	Percent of new cases Southwest	Percent of new cases County	Percent of Southwest population
Hispanic/Latinx	39.4%	49.0%	26.2%
Black/African American	16.0%	12.7%	3.6%
White	32.5%	31.7%	47.4%
Asian	5.6%	2.8%	6.9%
All Other	6.5%	3.8%	15.9%

* All Other: Include AIAN, Multi-race, NH/PI, and Unknown cases

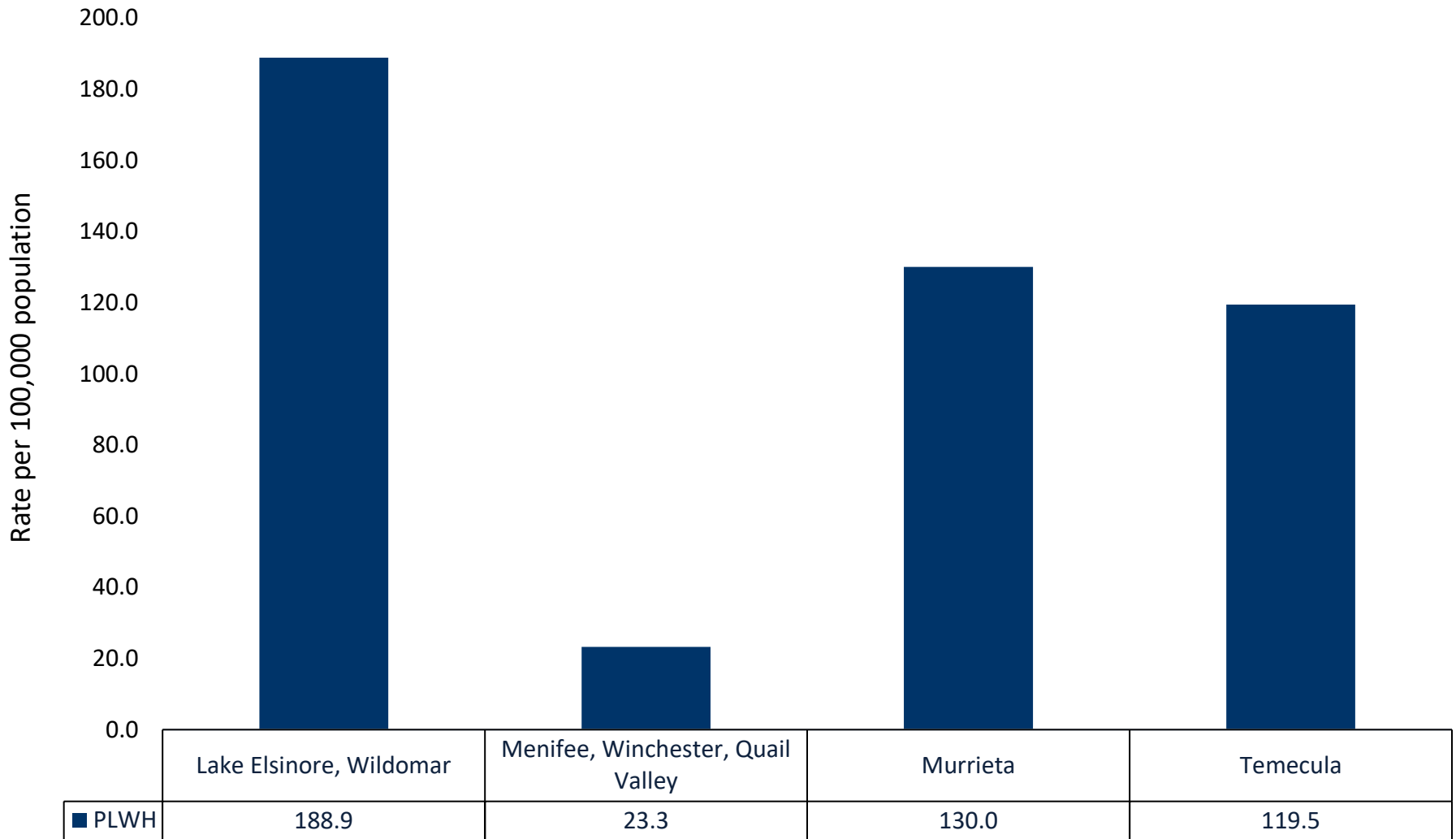
Average HIV Incidence Rates, South Riverside County, 2009 - 2023



	2009-2011	2012-2014	2015-2017	2018-2020	2021-2023
— Lake Elsinore, Wildomar	4.7	5.5	4.7	8.4	9.0
— Menifee, Winchester, Quail Valley	4.3	5.8	6.5	4.0	8.3
— Murrieta	3.6	5.6	4.6	8.3	4.0
— Temecula	3.5	4.8	4.9	5.9	3.6

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, 2023

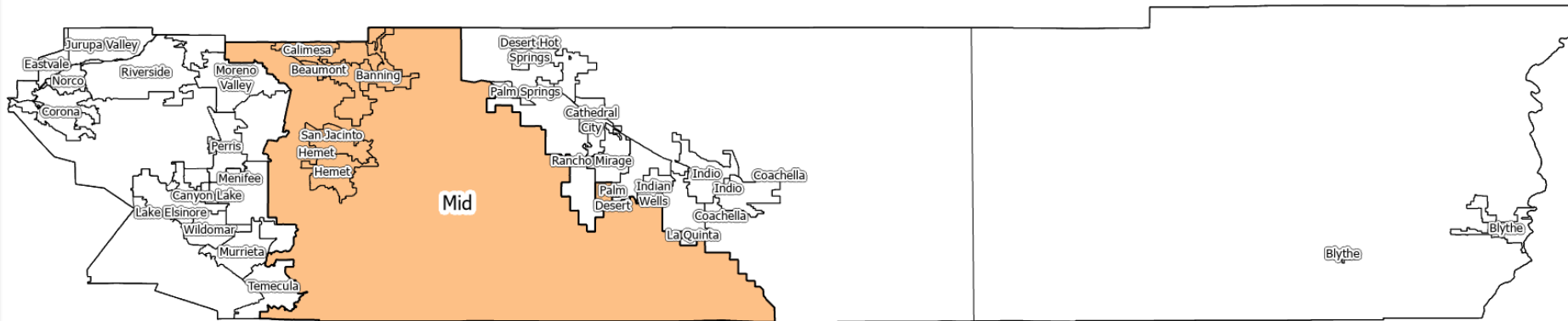


Southwestern Riverside County Zip-Code & Population Key

	Lake Elsinore, Wildomar	Menifee, Winchester, Quail Valley	Murrieta	Temecula
	92530 - 92532	92584 - 92587	92562 - 92564	92589 92590 - 92592
	92593	92596		
	92595			
2021 Population Estimate	118,248	151,900	141,123	129,733
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 2023



- There are currently 826 people reported to be living with HIV in the mid-section of the county.
- 7.0% 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, 2014 - 2023

From 2014 through 2023, there have been 283 HIV cases diagnosed in the mid-part of the county.

Average of 28.3 new cases per year.

Age group	Percent of new cases Mid	Percent of new cases County	Percent of Mid population
Under 20	4.2%	3.4%	26.7%
20 - 29	36.4%	25.2%	13.5%
30 - 39	25.1%	25.2%	12.7%
40 - 49	15.5%	16.9%	10.8%
50 - 59	12.7%	12.8%	11.3%
60 - 69	4.2%	1.7%	12.3%
70 years and older	1.8%	1.7%	12.7%

*Further age breakdown masked due to small numbers

Mid-Riverside County HIV Incidence, 2014 - 2023

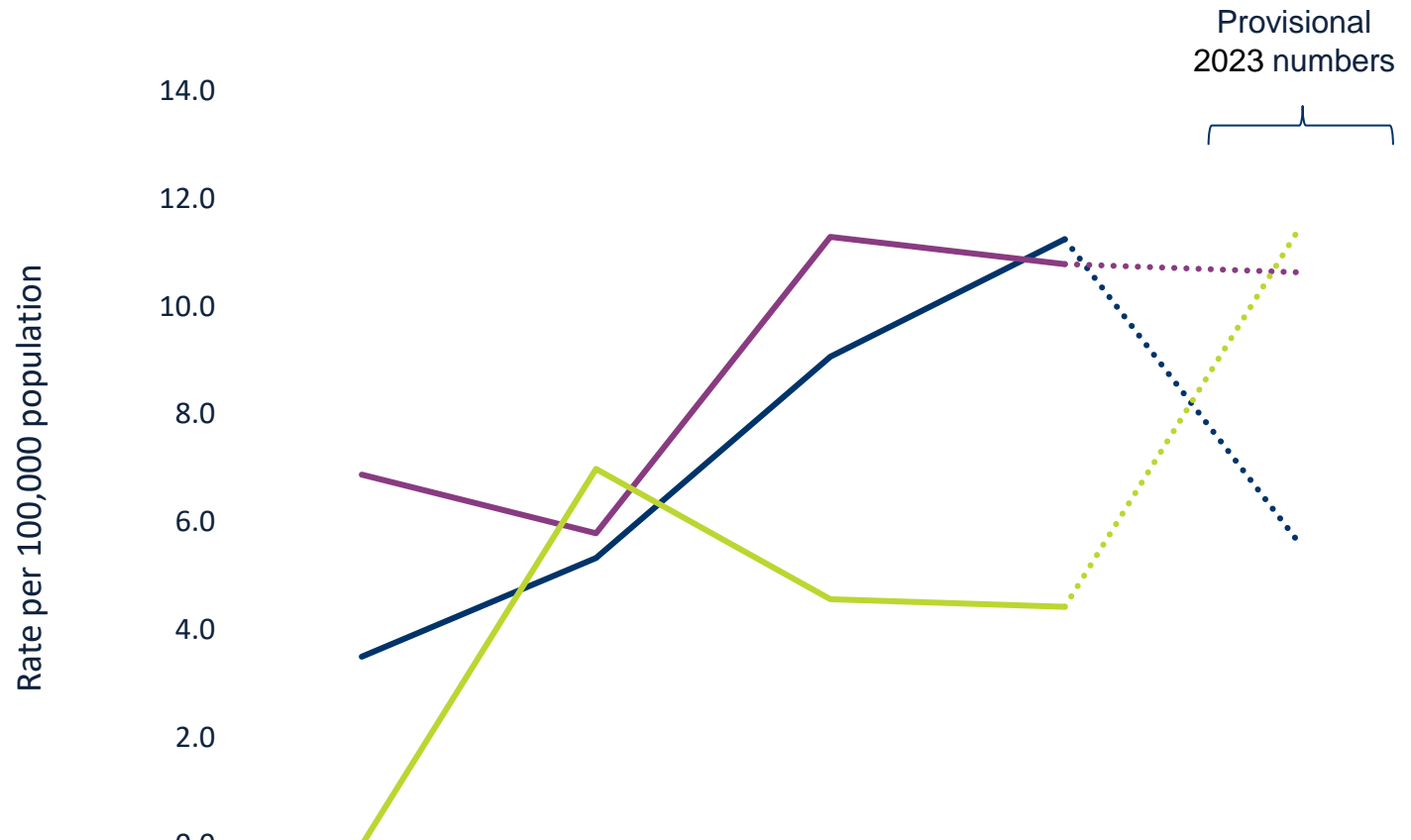
- Most new HIV cases in mid-Riverside County are among men of color.

Gender	Percent of population
Female	18.0%
Male	80.9%
Trans Male and Female	1.1%

Ethnicity	Percent of new cases Mid	Percent of new cases County	Percent of Mid population
Hispanic/Latinx	47.7%	49.0%	31.0%
Black/African American	16.4%	12.7%	4.0%
White	29.3%	31.7%	43.1%
All Other	6.4%	6.6%	2.9%

Note: Due to small numbers all others include AIAN, Asian, Multi-race, NH/PI, and Unknown cases

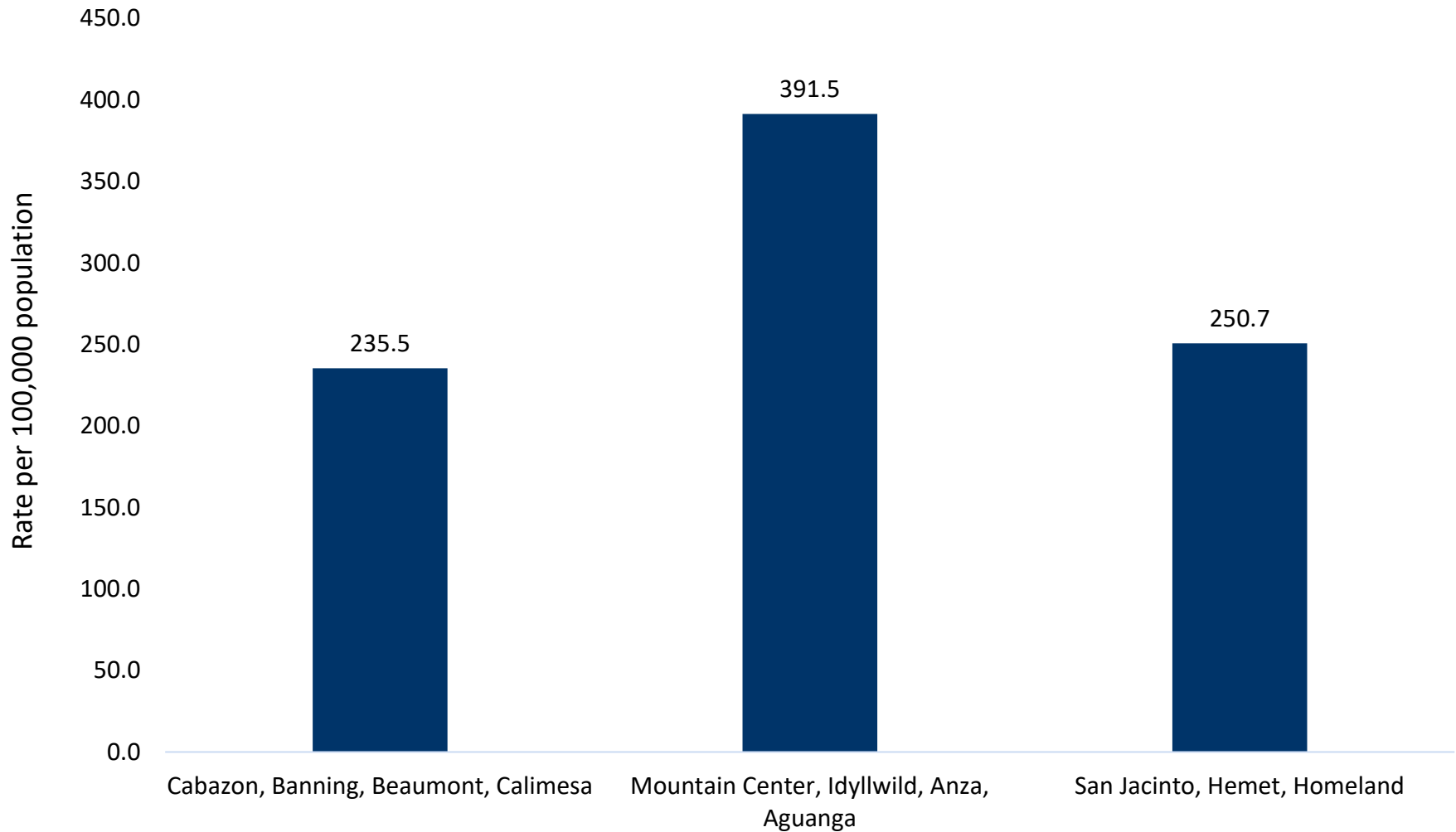
Average HIV Incidence Rates, Mid-Riverside County, 2009 - 2023



	2009-2011	2012-2014	2015-2017	2018-2020	2021-2023
— Cabazon, Banning, Beaumont, Calimesa	3.5	5.3	9.1	11.2	5.6
— San Jacinto, Hemet, Homeland	6.9	5.8	11.3	10.8	10.6
— Mountain Center, Idyllwild, Anza, Aguanga	0.0	7.0	4.6	4.4	11.4

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, 2023

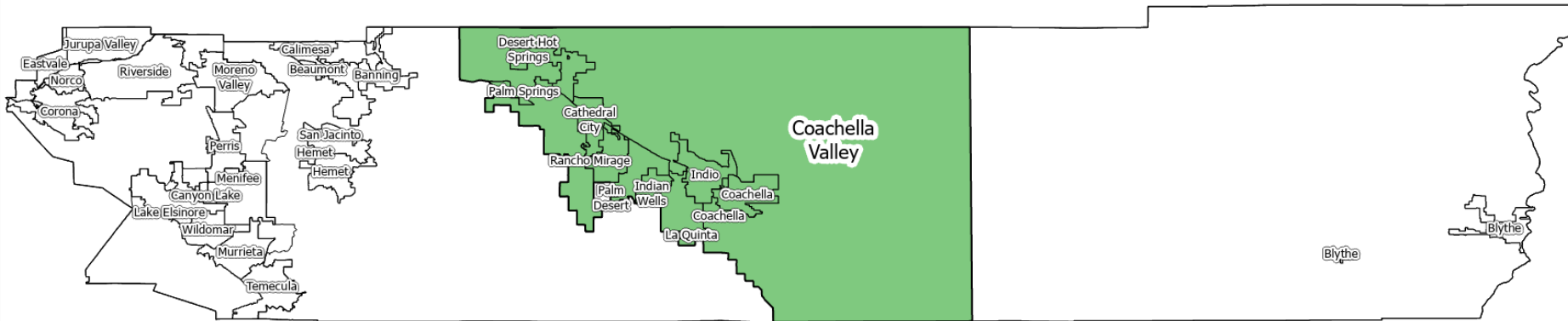


Mid-Riverside County Zip-Code & Population Key

	Cabazon, Banning, Beaumont, Calimesa	Mountain Center, Idyllwild, Anza, Aguanga	San Jacinto, Hemet, Homeland
	92220	92536	92543 - 92545
	92230	92539	92548
	92223	92549	92582 - 92583
	92320	92561	
<hr/>			
2023 Population Estimate	112,956	14,561	200,645
2021 Population Estimate	104,022	15,213	188,413
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, 2023



- There are currently 7,619 people reported to be living with HIV in the Coachella Valley.
- The prevalence rate of PLWH in Palm Springs/North Palm Springs (8134.3) per 100,000) is over 22 times higher than California (2022) overall (355.6) per 100,000).

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

HIV/AIDS in the Coachella Valley, 2023

- Almost two-thirds (64.6%) 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 62.3 years, compared to 59.4 years in the rest of the county.
 - Over half (59.8%) of all people living with HIV in the Coachella Valley are 60 or older. In the rest of Riverside County, only 48.0% of those living with HIV are over 60.

Coachella Valley HIV Incidence, 2014 - 2023

- From 2014 through 2023 there have been 977 new HIV cases diagnosed in the Coachella Valley.
 - Average of 97.7 new cases per year.

Age group	Percent of new cases Coachella Valley	Percent of new cases County	Percent of Coachella Valley population
Under 20	2.7%	3.4%	24.8%
20 – 29	22.9%	34.6%	13.5%
30 – 39	21.7%	25.2%	12.0%
40 – 49	20.9%	16.9%	10.3%
50 – 59	19.4%	12.8%	11.7%
60 – 69	9.2%	1.7%	13.2%
70 years old and older	3.2%	1.7%	14.5%

*Further age breakdown masked due to small numbers

Coachella Valley HIV Incidence, 2014 - 2023

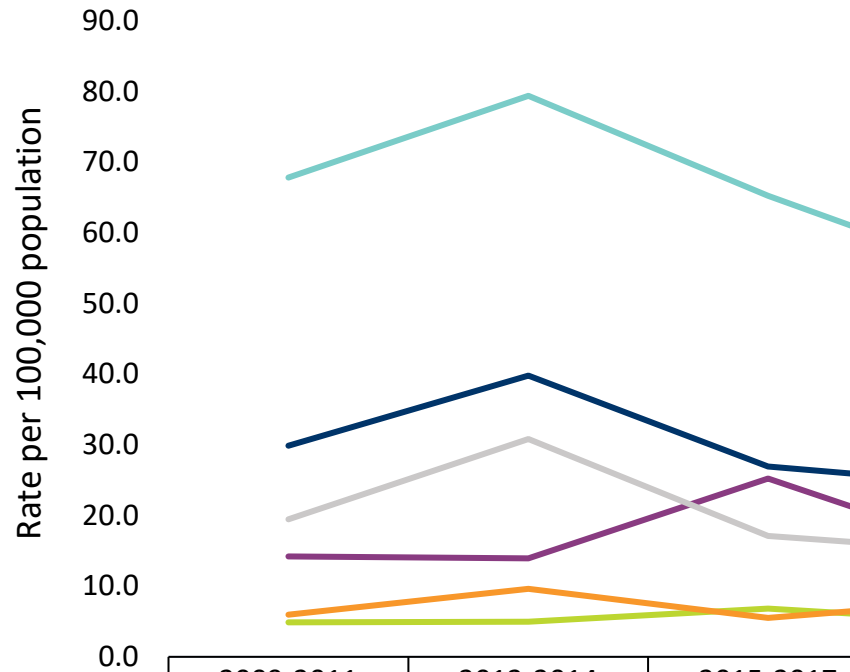
- Most new HIV diagnoses in the Coachella Valley region of Riverside County are among White non-Hispanic men.

Gender	Percent of population (new)
Male	93.8%
Female	4.7%
Trans Male and Female	1.5%

Ethnicity	Percent of new cases Coachella Valley	Percent of new cases County	Percent of Coachella Valley population
Hispanic/Latinx	40.4%	49.0%	36.2%
Black/African American	3.4%	12.7%	1.9%
White	50.1%	31.7%	40.5%
All Other	6.1%	6.6%	23.8%

* All Other: Include AIAN, NH/PI, and Unknown cases

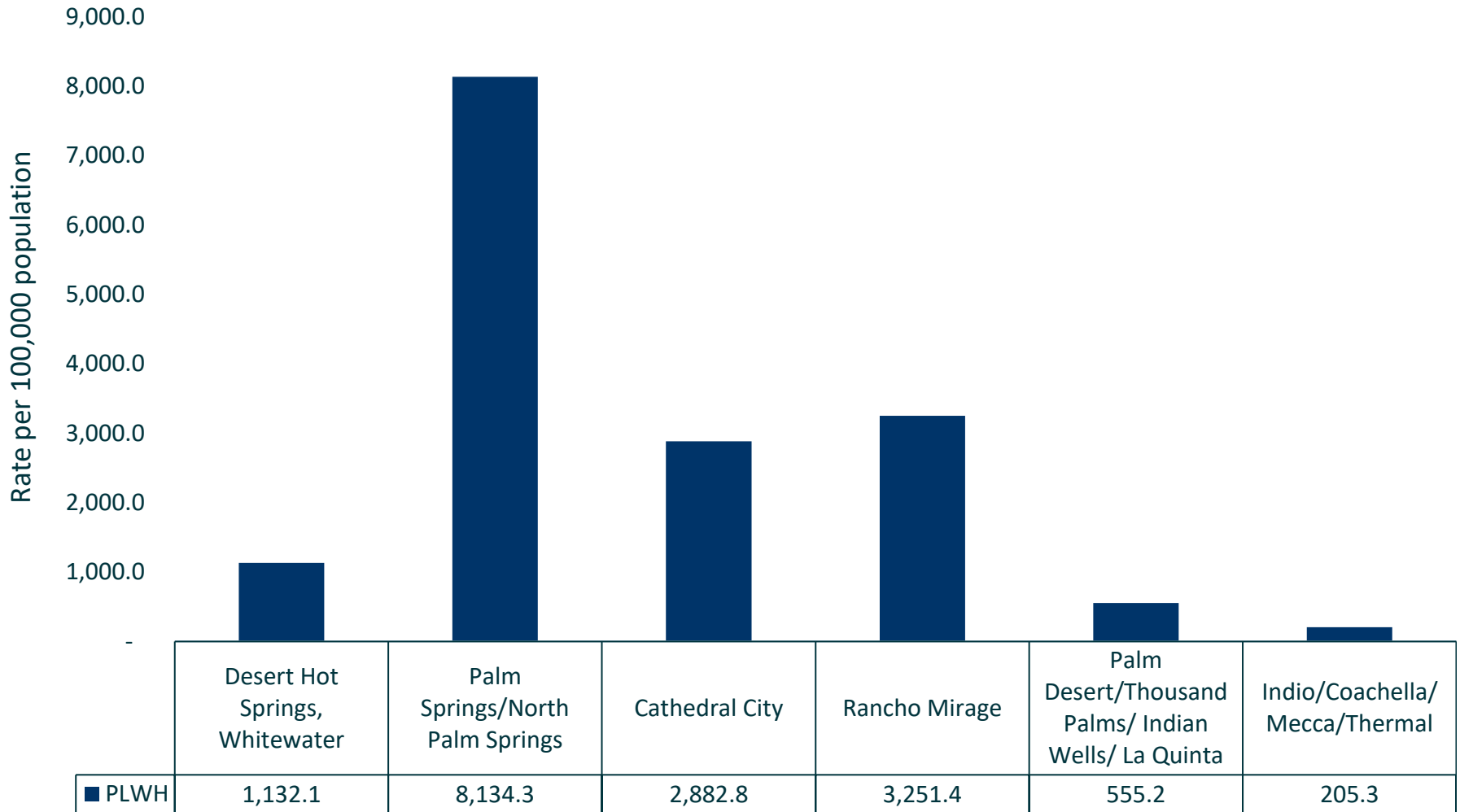
Average HIV Incidence, Coachella Valley, 2009 - 2023



	2009-2011	2012-2014	2015-2017	2018-2020	2021-2023
— Cathedral City	29.9	39.8	26.9	24.1	32.5
— Desert Hot Springs, Whitewater	14.2	13.9	25.2	13.8	15.3
— Indio/Coachella/Mecca/Thermal	4.9	5.0	6.8	4.8	9.0
— Palm Desert/Thousand Palms/ Indian Wells/ La Quinta	6.0	9.6	5.5	8.2	9.3
— Palm Springs/North Palm Springs	67.8	79.4	65.2	53.0	69.2
— Rancho Mirage	19.4	30.8	17.1	14.7	23.1

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, 2023

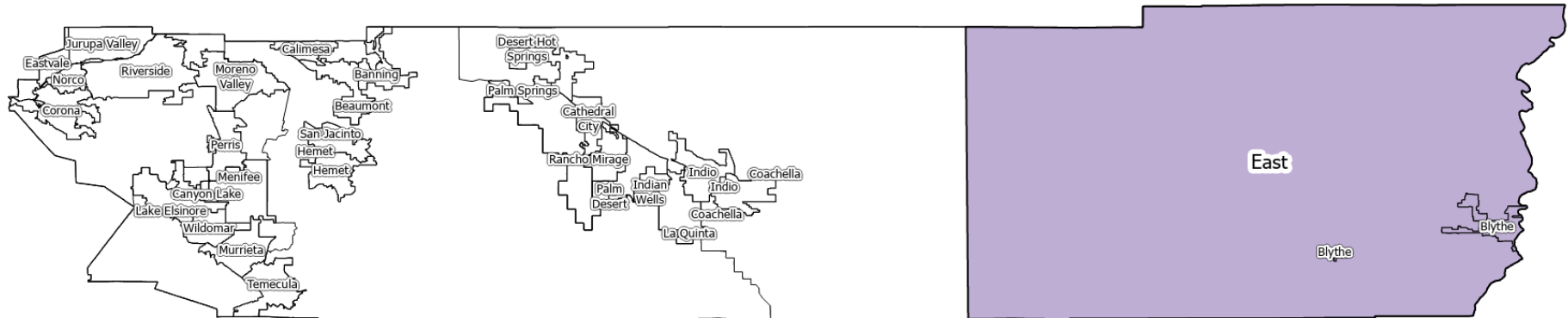


The Coachella Valley – Zip Code & Population Key

	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 - 92264	92234 - 92235	92270	92210 - 92211	92201 - 92203
	92241	92258			92247 - 92248	92236
	92282				92253	92254
					92255	92274
					92260 - 92261	
					92276 - 92277	
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, 2023



- There are currently 43 people reported to be living with HIV in eastern Riverside County. 30.2% (13) of those cases are currently incarcerated and 69.8% (30) are not incarcerated.
- Of the 30 PLWH who are not incarcerated, 73.3% are male, 60.0% are 50 years old or older.
- From 2014 to 2023, 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>
	92225 - 92226
	92239
2021 Population Estimate	24,200
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, 2020–2022 Riverside County

Characteristic	2020			2021			2022		
	N	%	Rate	N	%	Rate	N	%	Rate
Age at end of year									
<20	23	0.2%	3.5	20	0.2%	3.0	15	0.1%	2.2
20 - 29	514	5.0%	136.9	508	4.7%	140.9	486	4.3%	132.1
30 - 39	1,110	10.7%	357.3	1,204	11.2%	387.5	1,298	11.6%	397.9
40 - 49	1,336	12.9%	470.4	1,383	12.8%	478.9	1,445	12.9%	486.7
50 - 59	3,210	31.1%	1,083.4	3,089	28.6%	1,020.5	2,957	26.5%	953.4
60 - 69	2,961	28.6%	1,181.9	3,256	30.2%	1,199.4	3,515	31.5%	1,224.2
70 - 79	1,013	9.8%	608.8	1,134	10.5%	627.4	1,263	11.3%	654.8
80+	143	1.4%	131.6	162	1.5%	158.3	195	1.7%	178.2
Unknown	27	0.3%	-	26	0.2%	-	-	-	-
Race/ethnicity							11,174		
Hispanic/Latinx	2,661	25.7%	229.2	2,843	26.4%	241.7	3,084	27.6%	258.7
Native American	32	0.3%	264.6	25	0.2%	204.2	27	0.2%	218.5
Asian	176	1.7%	118.7	190	1.8%	126.4	213	1.9%	139.8
Black or African American	922	8.9%	627.8	973	9.0%	652.8	968	8.7%	639.9
Native Hawaiian/Pacific Islander	8	0.1%	-	7	0.1%	-	8	0.1%	-
White	6,272	60.7%	682.6	6,462	59.9%	697.5	6,528	58.4%	699.2
Multi-race	228	2.2%	410.2	250	2.3%	440.8	324	2.9%	559.9
Unknown	38	0.4%	-	32	0.3%	-	22	0.2%	-
Sex assigned at birth							11,174		
Male	9,550	92.4%	782.7	9,968	92.5%	807.5	10,342	92.6%	822.5
Female	783	7.6%	63.7	809	7.5%	65.1	832	7.4%	64.6
Unknown	4	0.0%	-	5	0.0%	-	-	-	-
Gender									
Male	9,503	91.9%	-	9,915	92.0%	-	10,271	91.9%	-
Female	772	7.5%	-	796	7.4%	-	813	7.3%	-
Trans male	47	0.5%	-	53	0.5%	-	19	0.2%	-
Trans female	11	0.1%	-	13	0.1%	-	71	0.6%	-
Unknown	4	0.0%	-	5	0.0%	-	-	-	-
Transmission category									
Male-to-male sexual contact (MMSC)	8,071	78.1%	-	8,422	78.1%	-	8,720	78.0%	-
Injection drug use (IDU)	336	3.3%	-	327	3.0%	-	339	3.0%	-
MMSC and IDU	556	5.4%	-	588	5.5%	-	612	5.5%	-
Heterosexual contact	648	6.3%	-	665	6.2%	-	666	6.0%	-
Perinatal exposure	30	0.3%	-	27	0.3%	-	29	0.3%	-
Unknown risk	679	6.6%	-	738	6.8%	-	787	7.0%	-
Other	17	0.2%	-	15	0.1%	-	21	0.2%	-
HIV stage at the end of the year									
Stage 3 (AIDS)	5,779	55.9%	235.9	5,911	54.8%	238.5	6,020	53.9%	240.2
Not in stage 3	4,558	44.1%	186.1	4,871	45.2%	196.6	4,154	37.2%	165.7
County Region									
Northwest Riverside Co.	2,068	20.0%	185.3	2,234	20.7%	199.9	2,514	22.5%	227.0
Southwest Riverside Co.	693	6.7%	138.2	743	6.9%	146.8	583	5.2%	118.5
Mid-Riverside Co.	692	6.7%	200.9	736	6.8%	211.8	774	6.9%	213.8
Coachella Valley	6,813	65.9%	1,482.9	6,995	64.9%	1,524.8	7,226	64.7%	1,626.8
Eastern Riverside Co.	35	0.3%	143.4	35	0.3%	144.6	41	0.4%	167.2
Unknown	36	0.3%	-	39	0.4%	-	36	0.3%	-
TOTALS	10,337	100.0%	422.0	10,782	100.0%	435.1	11,174	100.0%	445.8

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



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

Characteristic	2020			2021			2022		
	N	%	Rate	N	%	Rate	N	%	Rate
Age at diagnosis									
<20	10	4.1%	-	4	1.5%	-	10	3.2%	1.5
20 - 29	86	35.0%	23.9	99	37.9%	27.5	90	28.5%	24.5
30 - 39	70	28.5%	23.0	71	27.2%	22.8	92	29.1%	28.2
40 - 49	33	13.4%	11.4	40	15.3%	13.9	65	20.6%	21.9
50 - 59	26	10.6%	8.6	29	11.1%	9.6	37	11.7%	0.0
60 - 69	14	5.7%	-	12	4.6%	-	19	6.0%	0.0
70 - 79	7	2.8%	-	4	1.5%	-	3	0.9%	0.0
80+	0	0.0%	0.0	2	0.8%	-	0	0.0%	0.0
Unknown	0	0.0%	-	0	0.0%	-	-	-	-
Race/ethnicity									
Hispanic/Latinx	122	49.6%	10.5	124	47.5%	10.5	183	57.9%	15.0
Native American	0	0.0%	0.0	1	0.4%	-	1	-	7.9
Asian	10	4.1%	-	4	1.5%	-	11	1.8%	7.1
Black or African American	33	13.4%	22.5	43	16.5%	28.8	31	9.8%	20.0
Native Hawaiian/Pacific Islander	0	0.0%	0.0	0	0.0%	0.0	1	-	14.2
White	73	29.7%	7.9	79	30.3%	8.5	74	23.4%	7.7
Multi-race	7	2.8%	-	1	0.4%	-	9	-	15.2
Unknown	1	0.4%	-	9	3.4%	-	6	-	-
Sex assigned at birth									
Male	220	89.4%	18.0	227	87.0%	18.4	278	88.0%	22.3
Female	26	10.6%	2.1	34	13.0%	2.7	38	12.0%	3.0
Unknown	0	0.0%	-	0	0.0%	-	-	-	-
Gender									
Cisgender men	220	89.4%	-	226	86.6%	-	270	85.4%	-
Cisgender women	24	9.8%	-	33	12.6%	-	37	11.7%	-
Trans women	1	0.4%	-	1	0.4%	-	8	2.5%	-
Trans men	1	0.4%	-	1	0.4%	-	1	0.3%	-
Unknown	0	0.0%	-	0	0.0%	-	-	0.0%	-
Transmission category									
Male-to-male sexual contact (MMSC)	179	72.8%	-	153	58.6%	-	175	55.4%	-
Injection drug use (IDU)	6	2.4%	-	5	1.9%	-	13	3.5%	-
MMSC and IDU	2	0.8%	-	6	2.3%	-	11	58.9%	-
Heterosexual contact	8	3.3%	-	20	7.7%	-	11	3.5%	-
Perinatal exposure	1	0.4%	-	0	0.0%	-	0	-	-
Unknown risk	50	20.3%	-	77	29.5%	-	106	33.5%	-
Other	0	0.0%	-	0	0.0%	-	0	-	-
County Region							316		
Northwest Riverside Co.	109	44.3%	9.8	123	47.1%	11.9	155	49.1%	15.0
Southwest Riverside Co.	29	11.8%	5.8	39	14.9%	7.7	28	8.9%	3.3
Mid-Riverside Co.	26	10.6%	7.5	24	9.2%	6.9	31	9.8%	8.6
Coachella Valley	82	33.3%	17.8	65	24.9%	14.2	101	32.0%	22.7
Eastern Riverside Co.	0	0.0%	0.0	0	0.0%	0.0	1	0.3%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-
TOTALS	246	100.0%	10.0	261	100.0%	10.5	316	100.0%	12.6

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

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, 2023.

* Data extracted from the Enhanced HIV/AIDS Reporting System (eHARS) 2nd quarter (July), 2024

California data comes from the California HIV Surveillance Report - 2023

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.

U.S. Census Bureau. 2017-2021 American Community Survey 5-year data.
Retrieved from Esri Community Analyst (2024).

Continuum of Care Data:

California Department of Public Health, Office of AIDS, California HIV Surveillance Report — 2023.
Local Health Jurisdiction Continuum of Care Analysis, California Department of Public Health, Office of AIDS.

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Suggested citation:

Riverside University Health System-Public Health, Epidemiology and Program Evaluation. *Epidemiology of HIV/AIDS in Riverside County, 2023*. November 2024.