

**California Medical Monitoring Project  
and California HIV Surveillance Report  
Demographic Summaries**

2019



## Background

The Medical Monitoring Project (MMP) is a surveillance activity funded by the Centers for Disease Control and Prevention and implemented by state and local health departments. It collects behavioral and medical data about people living with diagnosed HIV (PLWDH) in the United States. Surveillance findings from MMP can be used to guide policy and funding decisions with the aim of improving HIV care quality and HIV care engagement. MMP interviews a randomly selected sample of individuals each year. The purpose of the following tables is to compare the demographic characteristics of those who complete MMP interviews to demographic characteristics of PLWDH overall in California.

### Medical Monitoring Project

- Individuals aged 18 years and older and in the National HIV Surveillance System (NHSS), a census of PLWDH in the U.S., are eligible to be sampled each year for MMP interviews. Each year 400 individuals are randomly selected from San Francisco, 400 from Los Angeles county, and 500 from the rest of California. Data are collected via phone or face-to-face interviews and medical record abstractions. Responses reflected experiences during the 12 months prior to the interview.
- From 2015 to 2019, a total of 2,736 adults living with HIV in California were interviewed, a 42% response rate. For the single year of 2019, MMP interviewed 550 adults, also a 42% response rate.
- All MMP data presented are weighted to account for sampling design and to adjust for non-response bias. Documentation of MMP methods can be found here: [MMP 2018-2020 Protocol](#)

### California HIV Surveillance Report

- The California Department of Public Health (CDPH), Office of AIDS (OA) works with local health jurisdictions to collect, analyze, and disseminate surveillance data on PLWDH in California. Providers and clinical laboratories provide HIV surveillance data to local health jurisdictions as a routine public health activity required by state law.
- A surveillance report is produced annually to summarize information about PLWDH in California. Information is presented for the 61 California local health jurisdictions, including 58 counties and the three city-level health jurisdictions of Berkeley, Long Beach and Pasadena.
- For this comparison, the 2019 California HIV Surveillance Report was used. Only individuals 18 years or older were included.
- Technical notes can be found here: [California HIV Surveillance Report - 2019](#)

### Comparison Methods

- Demographic distributions are displayed for the 2019 CA HIV surveillance report on those aged 18 years or older (137,532 PLWDH).
- MMP demographic distribution are displayed for both the 2019 MMP survey cycle (550 survey participants) and the combined 2015-2019 MMP survey cycles (2,736 survey participants).
- The purpose of these side-by-side comparisons is to highlight the extent to which MMP data are representative of the overall population of PLWDH in California.

## Demographic Characteristics Distribution in 2019 CA HIV Surveillance and CA MMP (2019 and 2015-2019 combined)

Characteristic	Overall CA Surveillance (%)	2019 MMP Surveillance (%)	2015-2019 Combined MMP Surveillance (%)
<b>Age<sup>1</sup></b>			
18-29 years	7.8	9.0	7.9
30-39 years	17.5	15.8	15.5
40-49 years	20.6	18.3	23.5
≥50 years	54.1	56.9	53.1
<b>Current Gender</b>			
Cisgender Men	86.8	85.5	86.4
Cisgender Women	11.6	11.6	11.6
Trans	1.5	2.9*	1.9
<b>Race/Ethnicity</b>			
American Indian/Alaska Native	0.3	1.2*	0.9*
Asian	4.2	2.2*	2.9
Black/African American	17.0	15.7	16.7
Latinx	37.7	41.9	37.8
Native Hawaiian/Pacific Islander	0.2	0.5*	0.3*
White	37.3	36.0	36.5
Multiple races	3.4	2.5*	4.9
<b>Viral Suppression<sup>2,3</sup></b>			
Viral Suppression	65.3	67.0	68.2

### Viral Suppression and Age

Characteristic	Overall CA Surveillance (%)	2019 MMP Surveillance (%)	2015-2019 Combined MMP Surveillance (%)
<b>Age<sup>1</sup> and Virally Suppressed<sup>2,3</sup></b>			
18-29 years and Virally Suppressed	63.6	53.6*	52.0
30-39 years and Virally Suppressed	61.6	64.4	68.0
40-49 years and Virally Suppressed	62.4	59.6	66.8
≥50 years and Virally Suppressed	67.8	72.2	71.2
<b>Total</b>	65.3	67.0	68.2

<sup>1</sup>MMP age group based on age at time of interview, CA Surveillance age group based on age as of Dec. 31, 2019 <sup>2</sup>All persons whose most recent HIV viral load test result was ≤ 200 copies/ml were considered to be virally suppressed, most recent lab was based on time of interview for MMP and last lab during the calendar year for CA Surveillance; <sup>3</sup>MMP medical record abstraction data was the source of MMP viral suppression, Electronic Lab Reporting was the source of CA Surveillance viral suppression; \*Less than 30 individuals in category, interpret with caution.

## Race/Ethnicity by Age

	Characteristic	Overall CA Surveillance (%)	2019 MMP Surveillance (%)	2015-2019 Combined MMP Surveillance (%)
Race/Ethnicity	Age <sup>1</sup>			
American Indian/ Alaskan Native	18-29 years	7.4*	---	16.3*
	30-39 years	18.1	52.9*	22.7*
	40-49 years	21.0	---	---
	≥50 years	53.5	47.1*	61.0*
Asian	18-29 years	9.3	33.8*	13.3*
	30-39 years	22.9	17.1*	17.3*
	40-49 years	27.9	18.4*	28.5*
	≥50 years	39.9	30.7*	40.9
Black/African American	18-29 years	10.7	8.7*	10.0
	30-39 years	20.1	20.3*	17.7
	40-49 years	18.2	10.9*	19.7
	≥50 years	51.1	60.1	52.7
Latinx	18-29 years	10.0	11.3*	10.1
	30-39 years	21.7	20.2	19.0
	40-49 years	25.3	22.4	30.2
	≥50 years	42.9	46.1	40.8
Native Hawaiian/ Other Pacific Islander	18-29 years	13.5	---	3.7*
	30-39 years	28.8	---	14.8*
	40-49 years	23.8	50.0*	19.8*
	≥50 years	33.8	50.0*	61.7*
White	18-29 years	3.8	5.4*	3.8*
	30-39 years	11.0	8.0*	10.3
	40-49 years	16.0	17.0	17.8
	≥50 years	69.1	69.5	68.0
Multiple Races	18-29 years	9.3	8.5*	8.9*
	30-39 years	20.6	9.2*	17.9*
	40-49 years	22.3	16.4*	29.4
	≥50 years	47.9	65.9*	43.8

<sup>1</sup>MMP age group based on age at time of interview, CA Surveillance age group based on age as of Dec. 31, 2019; \*Less than 30 individuals in category, interpret with caution.

## Race/Ethnicity by Current Gender

	Characteristic	Overall CA Surveillance (%)	2019 MMP Surveillance (%)	2015-2019 Combined MMP Surveillance (%)
<b>Gender</b>	<b>Current Gender</b>			
American Indian/ Alaskan Native	Cisgender Men	81.9	76.3*	89.2*
	Cisgender Women	15.3	18.5*	9.4*
	Trans	2.8*	5.2*	1.4*
Asian	Cisgender Men	86.7	100.0*	90.8
	Cisgender Women	11.6	---	4.5*
	Trans	1.7	---	4.7*
Black/African American	Cisgender Men	75.7	69.3	74.6
	Cisgender Women	21.8	28.2*	23.7
	Trans	2.5	2.4*	1.7*
Latinx	Cisgender Men	86.7	86.9	85.8
	Cisgender Women	11.3	8.8*	10.9
	Trans	2.0	4.3*	3.3
Native Hawaiian/ Other Pacific Islander	Cisgender Men	83.1	100.0*	96.3*
	Cisgender Women	13.8	---	3.7*
	Trans	3.1*	---	---
White	Cisgender Men	92.2	90.1	92.2
	Cisgender Women	7.2	8.0*	7.2
	Trans	0.5	1.7*	0.6*
Multiple Races	Cisgender Men	85.0	85.7*	85.2
	Cisgender Women	12.7	14.3*	14.0*
	Trans	2.3	---	0.8*

\*Less than 30 individuals in category, interpret with caution. Note: Some percentages may not accumulate to 100% due to missingness.

## Current Gender by Age

	Characteristic	Overall CA Surveillance (%)	2019 MMP Surveillance (%)	2015-2019 Combined MMP Surveillance (%)
<b>Current Gender</b>	<b>Age<sup>1</sup></b>			
Cisgender Men	18-29 years	7.8	8.4	8.1
	30-39 years	17.6	15.9	15.2
	40-49 years	20.0	16.8	23.1
	≥50 years	54.5	58.9	53.7
Cisgender Women	18-29 years	6.6	7.8*	5.6*
	30-39 years	15.5	13.3*	17.6
	40-49 years	24.3	30.5*	25.8
	≥50 years	53.6	48.4	51.0
Trans Men/ Trans Women	18-29 years	12.4	32.4*	12.0*
	30-39 years	26.8	21.9*	17.5*
	40-49 years	27.2	14.8*	30.7*
	≥50 years	33.6	30.9*	39.8*

<sup>1</sup>MMP age group based on age at time of interview, CA Surveillance age group based on age as of Dec. 31, 2019; \*Less than 30 individuals in category, interpret with caution.

## Summary Highlights

- Overall, the combined 2015-2019 MMP data was closer to the demographic distributions observed in the 2019 CA HIV Surveillance report than the 2019 MMP data alone. The five years of combined data were more representative than the single year of data.
- Demographic distributions of age, current gender, and race/ethnicity were similar to the overall distributions of PLWDH in CA when examined at a high level. When demographic characteristics were further stratified, the distributions were less representative for groups smaller in number.
- When generalizing MMP surveillance results to the general population of PLWDH in CA, greater confidence is found in combined multiple years of data and when reviewing a single demographic variable rather than a single year of data or cross-tabulated demographic variables.

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**CDC MMP :** <http://www.cdc.gov/hiv/statistics/systems/mmp/>

**Office of AIDS MMP :** <https://www.cdph.ca.gov/Programs/CID/DOA/Pages/OAsre.aspx>

