# MEDI-CAL COVID-19 VACCINATIONS (for beneficiaries all ages)



January 2024

DHCS recognizes the disproportionate impact of COVID-19 on disadvantaged communities, including many communities of color, which account for a large share of the Medi-Cal beneficiary population. Until recently, our knowledge of the extent of COVID-19 vaccination among the Medi-Cal population was limited to what was gathered from claims data. Now, with new linkages to immunization registry data from the California Department of Public Health, DHCS has a much clearer view of Medi-Cal vaccination rates compared to statewide rates, stratified by county and by health plan. While Medi-Cal COVID-19 vaccination rates are gradually improving across the state, the percentage of Medi-Cal beneficiaries with at least one dose lags the population-at-large rate, sometimes by as much as 30 percent.

DHCS is strengthening its efforts to work with managed care plans, local public health departments, agencies and stakeholders serving our homebound populations, as well as providers, health systems and community-based organizations to improve vaccination rates and help ensure that our beneficiaries are protected against infection from current and emerging strains.

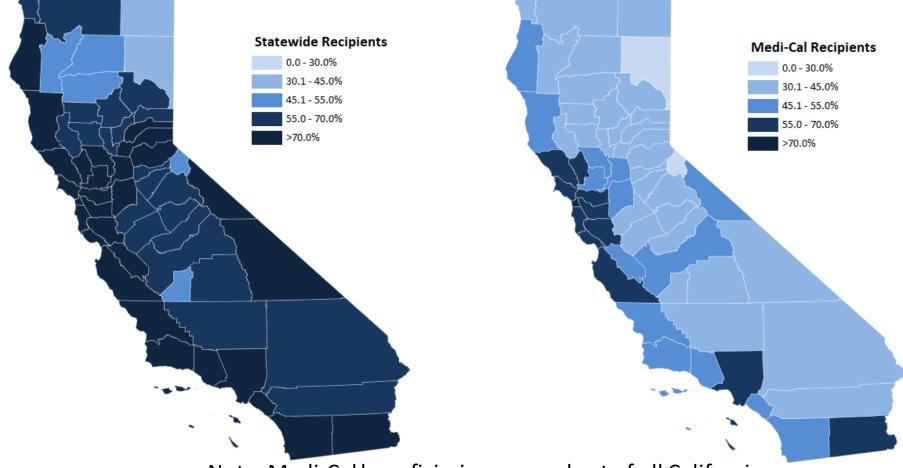
To support and empower our partners with data and transparency, we will update and publish this data periodically to support monitoring of progress and to guide further interventions.

# **Recent Updates**

- Starting in August 2023, data on the population that are fully vaccinated, and the population that received a booster dose will be published.
- In July 2022, CDPH began calculating vaccine coverage for **all ages** to reflect new vaccine eligibility criteria. Previously the denominator changed from ages 16+ to ages 12+ in May 2021, and from ages 12+ to ages 5+ in November 2021.
- Starting in May 2022, Medi-Cal vaccination rates reflect *current* eligibility demographic information in lieu of eligibility information *at the time the dose was administered*. Managed care rates experienced an increase due to newly enrolled beneficiaries transitioning from fee-for-service to managed care, and the implementation of CalAIM dual eligible enrollment on January 1, 2022.
- In November 2021, CDPH shifted to using the most recent version of the California Department of Finance P-3 Population Projections (July 2021) for statewide and countylevel rates.

# Received at least one dose as of December 31, 2023 Percentage for all ages, by county

**All Californians** 

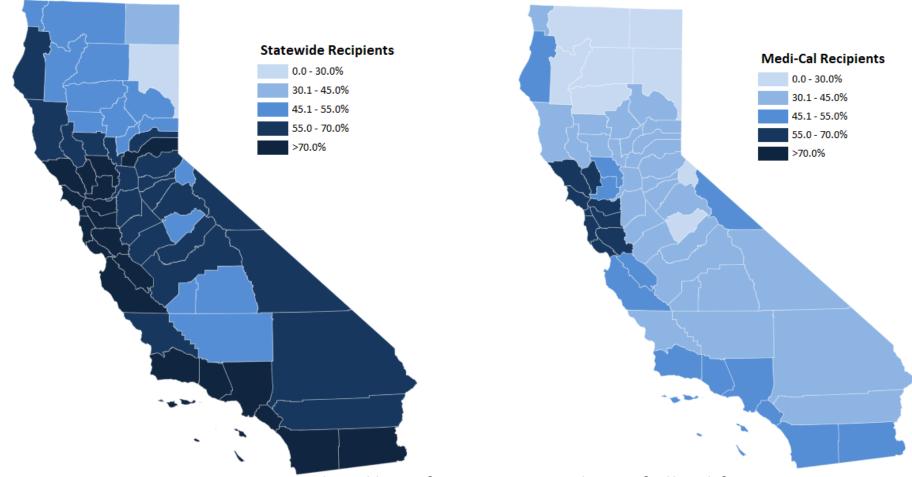


#### **All Medi-Cal Beneficiaries**

Note: Medi-Cal beneficiaries are a subset of all Californians.

# Fully vaccinated as of December 31, 2023 Percentage for all ages, by county

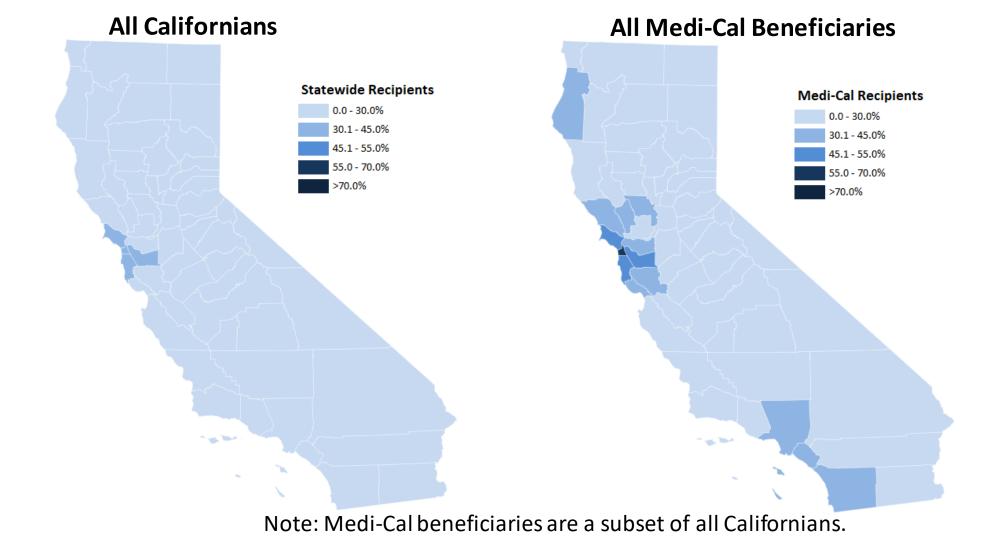
**All Californians** 



#### **All Medi-Cal Beneficiaries**

Note: Medi-Cal beneficiaries are a subset of all Californians.

# Received booster as of December 31, 2023 Percentage for all ages, by county



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### Received at least one dose as of December 31, 2023 Percentage for all ages, by county Comparing Medi-Cal Beneficiaries to all residents

County	All Californians	Medi-Cal Beneficiaries	Difference
STATEWIDE	80.5%	51.9%	-28.6%
Alameda	92.5%	63.8%	-28.8%
Alpine	54.3%	26.2%	-28.1%
Amador	62.8%	37.8%	-25.0%
Butte	57.8%	40.9%	-16.9%
Calaveras	59.7%	33.1%	-26.7%
Colusa	64.1%	42.7%	-21.4%
Contra Costa	90.9%	60.9%	-30.0%
Del Norte	58.0%	37.5%	-20.5%
El Dorado	70.6%	40.5%	-30.1%
Fresno	68.7%	46.8%	-21.9%
Glenn	60.2%	40.3%	-19.9%
Humboldt	76.3%	52.3%	-24.0%
Imperial	145.0%	58.1%	-86.9%
Inyo	71.1%	42.6%	-28.5%
Kern	60.6%	40.5%	-20.1%
Kings	52.6%	39.9%	-12.7%

Note: Statewide rates are calculated using the California Department of Finance P-3 projections for the denominator. Estimates may slightly vary from the true value.

#### Received at least one dose as of December 31, 2023 Percentage for all ages, by county Comparing Medi-Cal Beneficiaries to all residents

County	All Californians	Medi-Cal Beneficiaries	Difference
Sacramento	76.6%	48.0%	-28.6%
San Benito	83.4%	53.1%	-30.3%
San Bernardino	64.3%	41.0%	-23.3%
San Diego	90.8%	54.0%	-36.8%
San Francisco	95.2%	71.7%	-23.6%
San Joaquin	73.2%	45.4%	-27.8%
San Luis Obispo	74.5%	47.6%	-27.0%
San Mateo	95.8%	65.9%	-29.9%
Santa Barbara	79.4%	48.9%	-30.4%
Santa Clara	93.7%	63.4%	-30.3%
Santa Cruz	85.1%	62.9%	-22.2%
Shasta	54.8%	31.7%	-23.1%
Sierra	55.1%	36.8%	-18.3%
Siskiyou	57.1%	30.9%	-26.2%
Solano	79.2%	50.6%	-28.5%
Sonoma	86.7%	59.6%	-27.0%
Stanislaus	65.0%	41.7%	-23.3%

County	All Californians	Medi-Cal Beneficiaries	Difference	
Sutter	65.5%	44.8%	-20.7%	
Tehama	50.0%	31.0%	-18.9%	
Trinity	53.7%	32.3%	-21.4%	
Tulare	60.8%	41.5%	-19.3%	
Tuolumne	60.0%	36.6%	-23.4%	
Ventura	80.8%	53.4%	-27.4%	
Yolo	79.3%	54.5%	-24.8%	
Yuba	57.5%	37.2%	-20.3%	

### Fully vaccinated as of December 31, 2023 Percentage for all ages, by county Comparing Medi-Cal Beneficiaries to all residents

County	All Californians	Medi-Cal Beneficiaries	Difference	County	All Californians	Medi-Cal Beneficiaries	
STATEWIDE	72.0%	48.3%	-23.7%	Lake	56.8%	35.9%	
Alameda	84.3%	60.6%	-23.7%	Lassen	30.1%	21.4%	
Alpine	47.7%	22.9%	-24.9%	Los Angeles	74.1%	52.4%	
Amador	57.7%	34.7%	-23.0%	Madera	55.1%	38.1%	
Butte	52.6%	38.0%	-14.5%	Marin	90.5%	62.6%	
Calaveras	55.1%	30.4%	-24.7%	Mariposa	50.9%	29.6%	
Colusa	58.4%	39.6%	-18.8%	Mendocino	68.6%	43.4%	
Contra Costa	84.6%	58.1%	-26.5%	Merced	55.1%	36.9%	
Del Norte	51.1%	34.0%	-17.2%	Modoc	40.0%	28.7%	
El Dorado	64.0%	36.9%	-27.0%	Mono	66.1%	49.7%	
Fresno	61.8%	43.0%	-18.7%	Monterey	73.2%	51.4%	
Glenn	54.9%	37.4%	-17.5%	Napa	80.0%	56.4%	
Humboldt	69.1%	48.9%	-20.2%	Nevada	65.9%	36.8%	
Imperial	94.8%	52.3%	-42.5%	Orange	74.1%	51.5%	
Inyo	64.8%	39.4%	-25.4%	Placer	70.2%	41.1%	
Kern	54.1%	36.8%	-17.3%	Plumas	54.9%	33.3%	
Kings	46.1%	36.3%	-9.8%	Riverside	60.6%	40.3%	

Note: Statewide rates are calculated using the California Department of Finance P-3 projections for the denominator. Estimates may slightly vary from the true value.

### Fully vaccinated as of December 31, 2023 Percentage for all ages, by county Comparing Medi-Cal Beneficiaries to all residents

County	All Californians	Medi-Cal Beneficiaries	Difference
Sacramento	69.9%	44.5%	-25.4%
San Benito	76.0%	49.9%	-26.1%
San Bernardino	58.1%	37.9%	-20.2%
San Diego	76.9%	50.6%	-26.2%
San Francisco	84.9%	69.1%	-15.8%
San Joaquin	65.9%	41.0%	-24.8%
San Luis Obispo	67.4%	43.7%	-23.7%
San Mateo	86.8%	62.5%	-24.2%
Santa Barbara	70.2%	45.2%	-25.0%
Santa Clara	85.3%	60.4%	-24.9%
Santa Cruz	77.7%	59.7%	-17.9%
Shasta	48.6%	28.9%	-19.7%
Sierra	51.1%	35.4%	-15.7%
Siskiyou	50.3%	27.9%	-22.4%
Solano	70.5%	46.8%	-23.8%
Sonoma	80.0%	56.4%	-23.6%
Stanislaus	59.0%	37.8%	-21.2%

County	All Californians	Medi-Cal Beneficiaries	Difference
Sutter	59.9%	41.7%	-18.2%
Tehama	45.0%	28.5%	-16.5%
Trinity	46.9%	29.4%	-17.4%
Tulare	54.2%	37.9%	-16.3%
Tuolumne	55.1%	33.6%	-21.5%
Ventura	73.8%	49.8%	-23.9%
Yolo	71.8%	51.3%	-20.5%
Yuba	51.9%	34.1%	-17.8%

### Received booster as of December 31, 2023 Percentage for all ages, by county Comparing Medi-Cal Beneficiaries to all residents

County	All Californians	Medi-Cal Beneficiaries	Difference
STATEWIDE	19.3%	28.9%	9.5%
Alameda	32.1%	45.3%	13.2%
Alpine	13.2%	12.7%	-0.6%
Amador	16.6%	19.3%	2.7%
Butte	12.3%	22.4%	10.1%
Calaveras	15.3%	16.1%	0.8%
Colusa	7.5%	16.7%	9.1%
Contra Costa	29.1%	39.1%	9.9%
Del Norte	12.0%	20.6%	8.6%
El Dorado	18.8%	21.4%	2.6%
Fresno	10.9%	21.4%	10.6%
Glenn	8.8%	19.8%	11.0%
Humboldt	22.4%	34.8%	12.4%
Imperial	10.8%	29.8%	19.1%
Inyo	18.0%	22.7%	4.8%
Kern	7.9%	16.7%	8.9%
Kings	6.4%	16.7%	10.3%

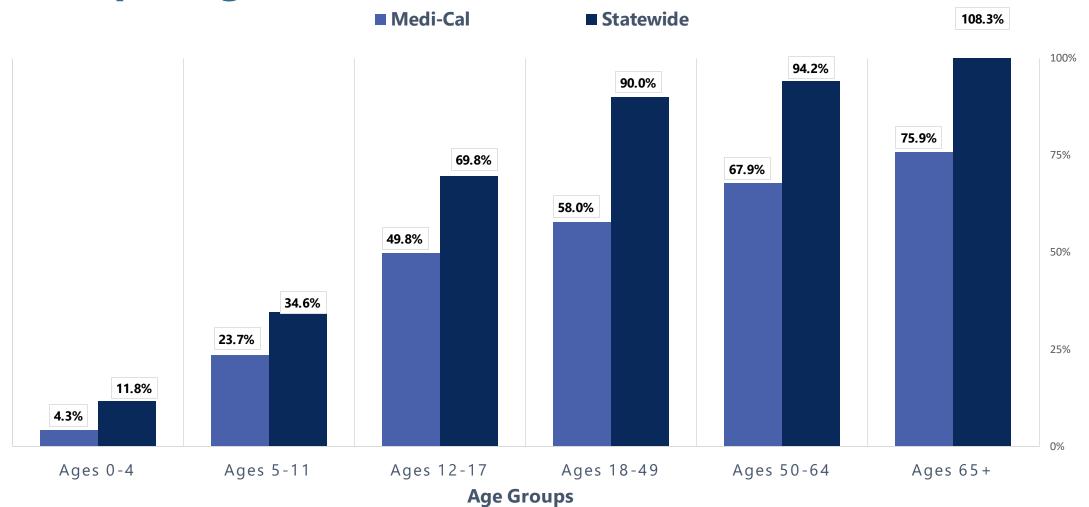
Note: Statewide rates are calculated using the California Department of Finance P-3 projections for the denominator. Estimates may slightly vary from the true value.

### Received booster as of December 31, 2023 Percentage for all ages, by county Comparing Medi-Cal Beneficiaries to all residents

County	All Californians	Medi-Cal Beneficiaries	Difference
Sacramento	20.1%	26.5%	6.4%
San Benito	17.8%	30.0%	12.2%
San Bernardino	10.8%	19.3%	8.5%
San Diego	19.3%	31.7%	12.4%
San Francisco	37.5%	63.1%	25.6%
San Joaquin	12.9%	20.5%	7.6%
San Luis Obispo	20.9%	26.5%	5.6%
San Mateo	36.2%	47.9%	11.8%
Santa Barbara	18.5%	25.1%	6.7%
Santa Clara	29.7%	44.9%	15.2%
Santa Cruz	28.0%	43.5%	15.5%
Shasta	11.0%	16.3%	5.3%
Sierra	12.4%	21.9%	9.5%
Siskiyou	13.2%	15.6%	2.4%
Solano	20.2%	27.6%	7.4%
Sonoma	27.1%	37.6%	10.5%
Stanislaus	10.2%	17.1%	6.9%

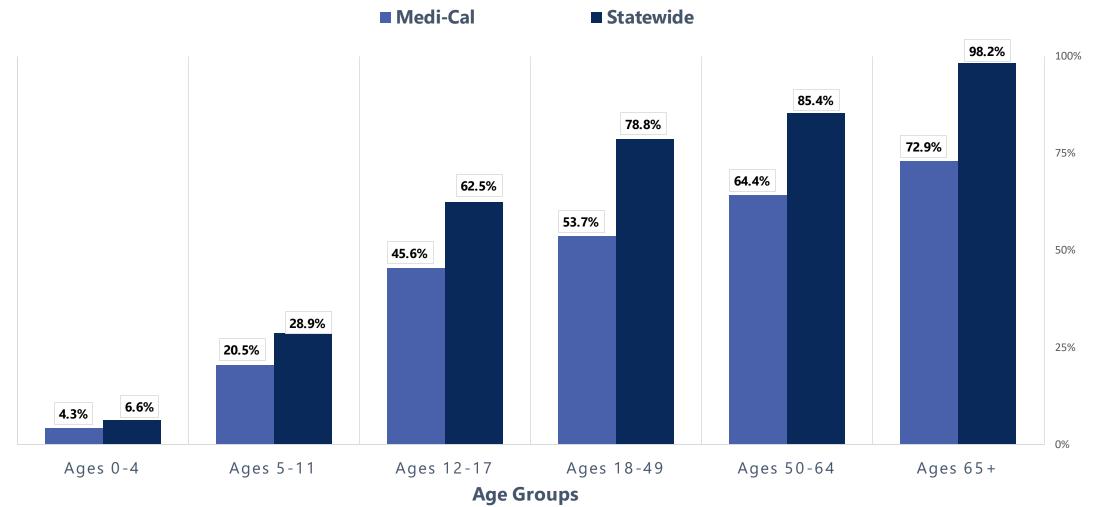
All Californians	Medi-Cal Beneficiaries	Difference	
9.2%	19.7%	10.5%	
9.1%	14.4%	5.3%	
12.7%	17.1%	4.4%	
7.3%	17.2%	9.9%	
15.0%	19.7%	4.6%	
18.8%	28.0%	9.2%	
25.0%	33.0%	8.0%	
8.7%	16.8%	8.1%	
	9.2% 9.1% 12.7% 7.3% 15.0% 18.8% 25.0%	All CaliforniansBeneficiaries9.2%19.7%9.1%14.4%12.7%17.1%7.3%17.2%15.0%19.7%18.8%28.0%25.0%33.0%	

## Received at least one dose as of December 31, 2023 Percentage by Age Group Comparing Medi-Cal Beneficiaries to all Californians

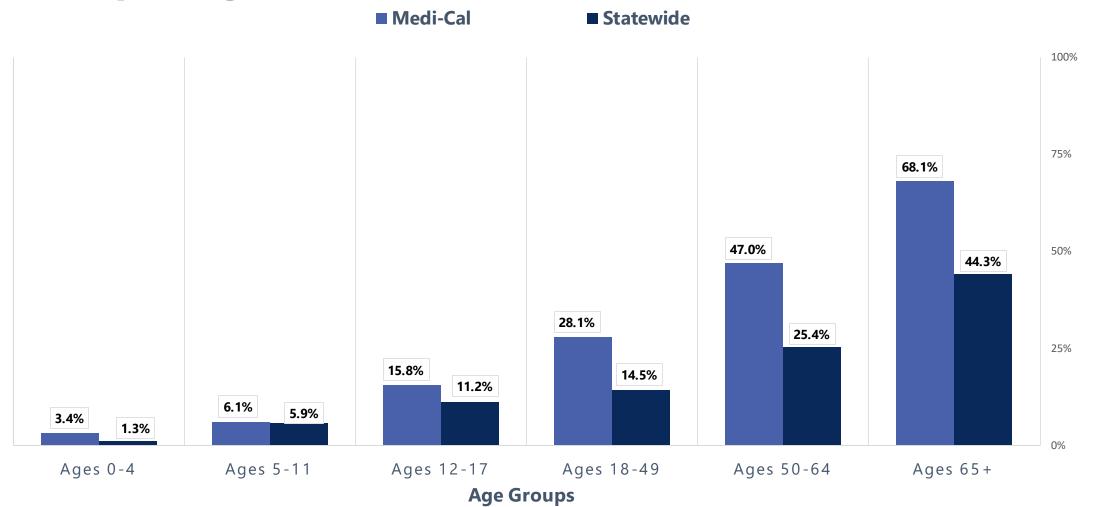


Note: Statewide rates are calculated using the California Department of Finance P-3 projections for the denominator. Estimates may slightly vary from the true value.

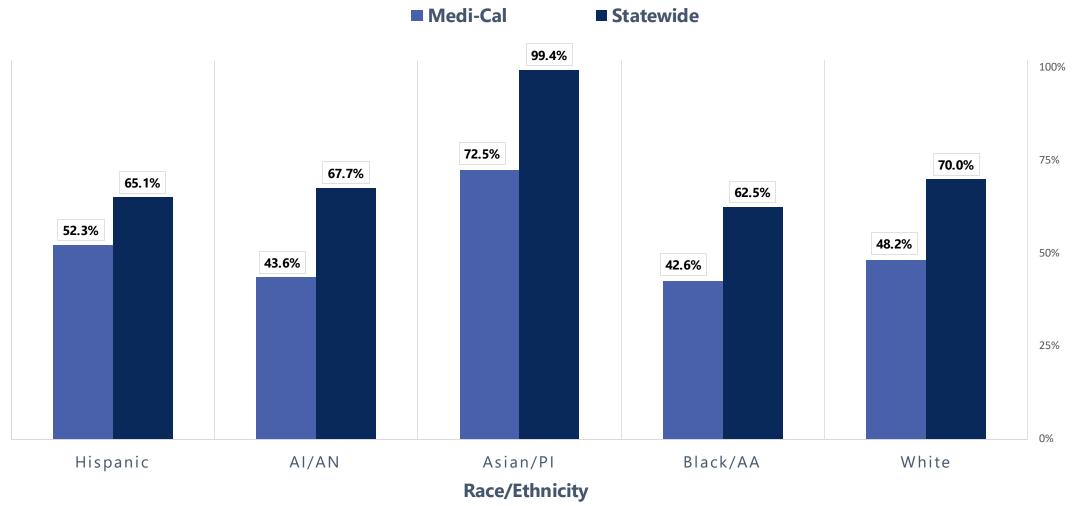
## Fully vaccinated as of December 31, 2023 Percentage by Age Group Comparing Medi-Cal Beneficiaries to all Californians



## Received booster as of December 31, 2023 Percentage by Age Group Comparing Medi-Cal Beneficiaries to all Californians

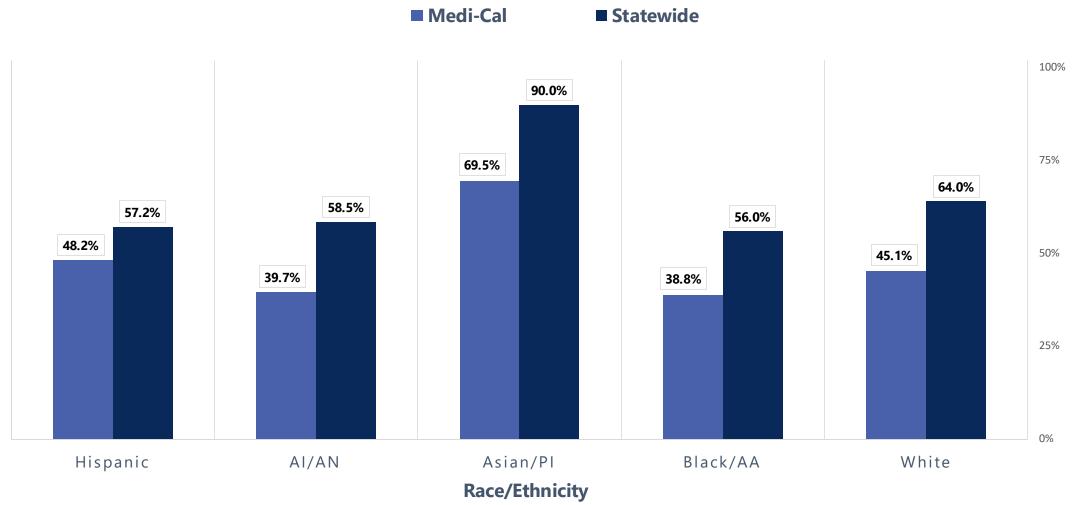


## Received at least one dose as of December 31, 2023 Percentage by Race/Ethnicity Comparing Medi-Cal Beneficiaries to all Californians



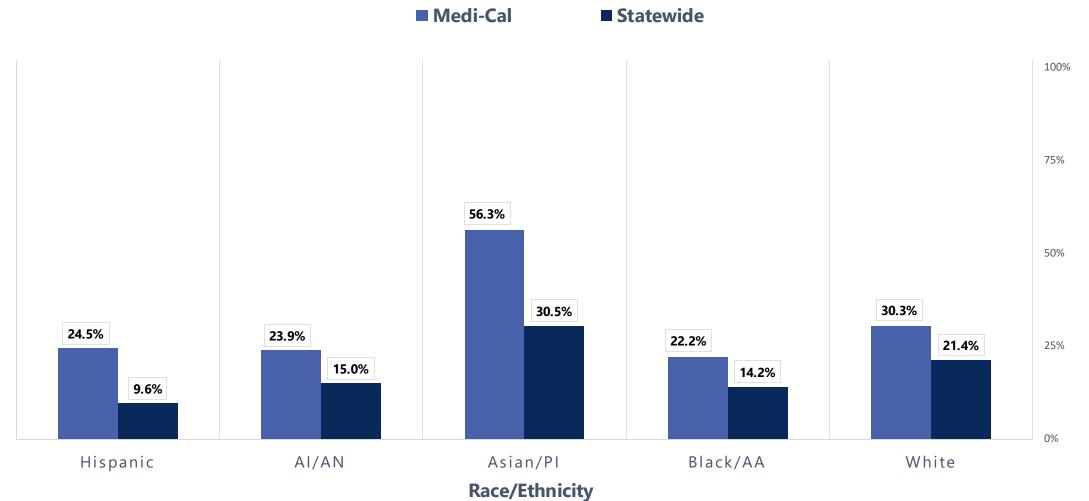
Note: Statewide rates are calculated using the California Department of Finance P-3 projections for the denominator. Estimates may slightly vary from the true value. 17

# Fully vaccinated as of December 31, 2023 Percentage by Race/Ethnicity Comparing Medi-Cal Beneficiaries to all Californians



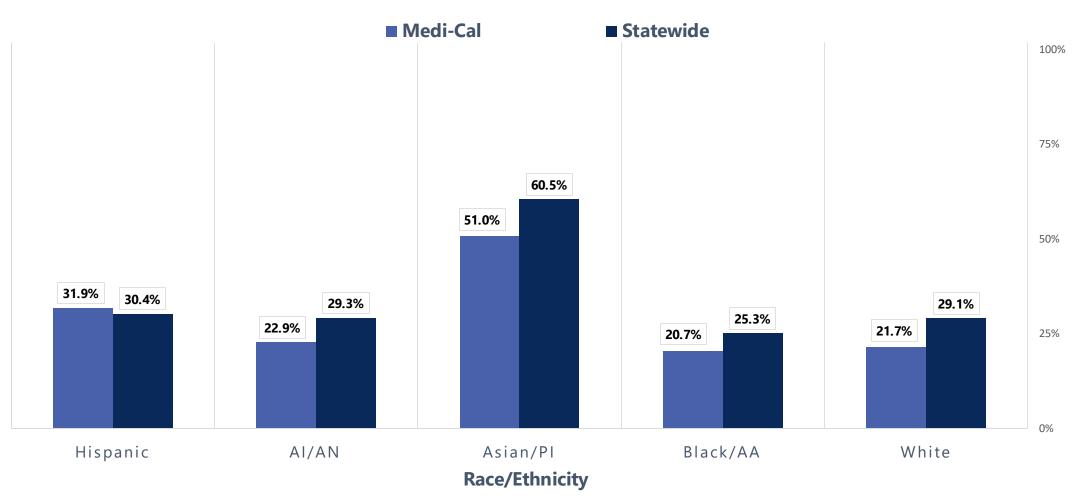
Note: Statewide rates are calculated using the California Department of Finance P-3 projections for the denominator. Estimates may slightly vary from the true value.

# Received booster as of December 31, 2023 Percentage by Race/Ethnicity Comparing Medi-Cal Beneficiaries to all Californians



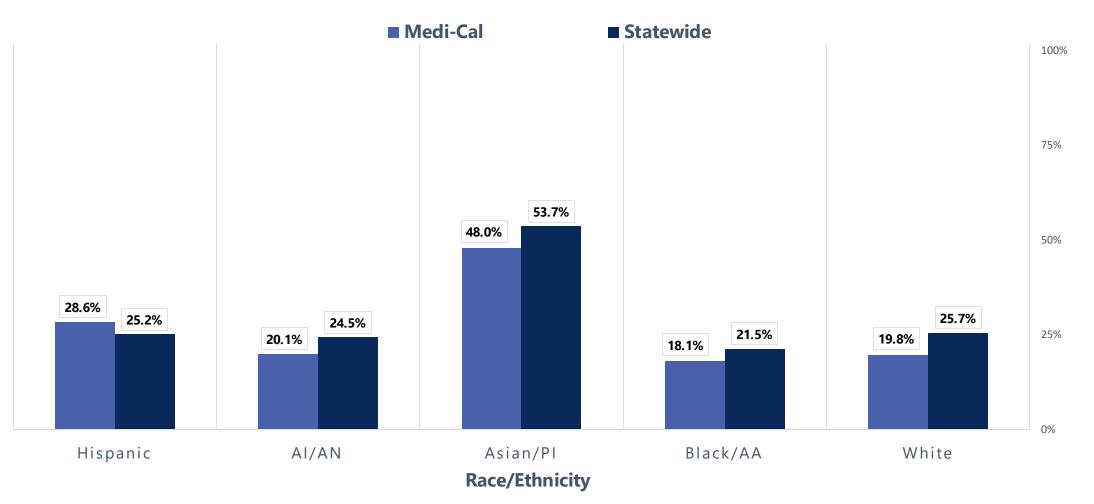
Note: Statewide rates are calculated using the California Department of Finance P-3 projections for the denominator. Estimates may slightly vary from the true value.

## Received at least one dose as of December 31, 2023 Percentage by Race/Ethnicity, Ages 0-17 Comparing Medi-Cal Beneficiaries to all Californians



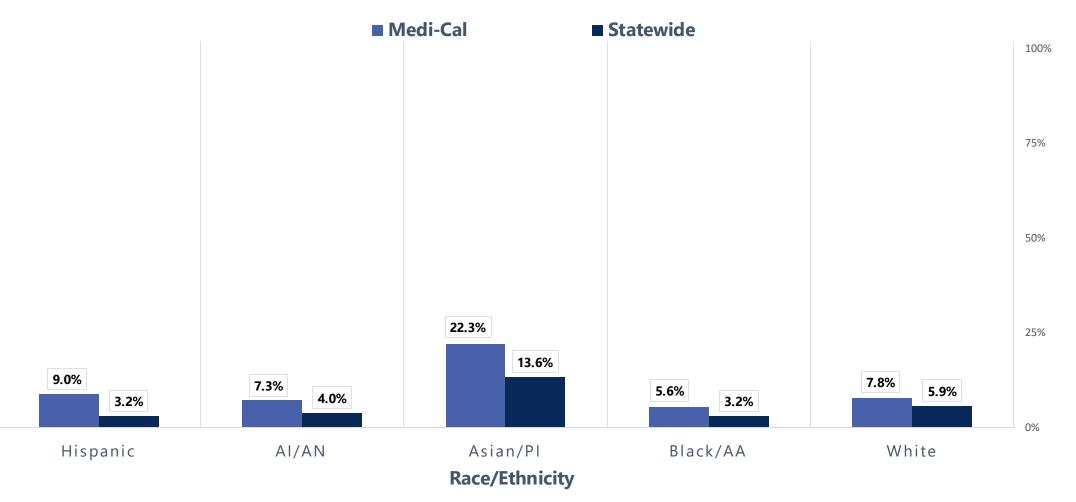
Note: Statewide rates are calculated using the California Department of Finance P-3 projections for the denominator. Estimates may slightly vary from the true value. 20

## Fully vaccinated as of December 31, 2023 Percentage by Race/Ethnicity, Ages 0-17 Comparing Medi-Cal Beneficiaries to all Californians



Note: Statewide rates are calculated using the California Department of Finance P-3 projections for the denominator. Estimates may slightly vary from the true value. 21

## Received booster as of December 31, 2023 Percentage by Race/Ethnicity, Ages 0-17 Comparing Medi-Cal Beneficiaries to all Californians



#### Percent of Medi-Cal Beneficiaries administered at least one dose as of December 31, 2023 by Managed Care Parent Plan and Fee For Service

Managed Care Parent Plan	Percent of Medi-Cal Beneficiaries (all ages) Administered at Least One Dose	Percent of Medi-Cal Beneficiaries (5+) Administered at Least One Dose	Managed Care Parent Plan	Percent of Medi-Cal Beneficiaries (all ages) Administered at Least One Dose	Percent of Medi-Cal Beneficiaries (5+) Administered at Least One Dose
San Francisco Health Plan	73.4%	76.1%	Central California Alliance for Health	51.9%	56.9%
Health Plan of San Mateo	67.6%	71.8%	Partnership Health Plan of California	50.7%	54.5%
Santa Clara Family Health Plan	66.1%	70.3%	CenCal Health	49.0%	54.0%
Alameda Alliance for Health	65.6%	69.4%	Anthem Blue Cross Partnership Plan	48.9%	52.6%
Contra Costa Health Plan	61.9%	66.5%	Molina Healthcare of California	48.6%	51.8%
LA Care Health Plan	57.5%	61.4%	Aetna Better Health of California	46.2%	50.0%
Blue Shield of California Promise	57.0%	60.4%	CalViva Health	45.7%	50.3%
Kaiser Permanente	56.8%	61.7%	California Health & Wellness Plan	45.3%	48.9%
CalOptima	55.6%	59.3%	Health Plan of San Joaquin	44.4%	48.9%
Community Health Group	54.6%	58.5%	Inland Empire Health Plan	42.6%	46.4%
Gold Coast Health Plan	53.6%	58.1%	Kern Health Systems	41.0%	45.5%
Health Net	52.5%	56.0%	Fee For Service	46.2%	49.7%

#### Percent of Medi-Cal Beneficiaries that are fully vaccinated as of December 31, 2023 by Managed Care Parent Plan and Fee For Service

Managed Care Parent Plan	Percent of Medi-Cal Beneficiaries (all ages) that are Fully Vaccinated	Percent of Medi-Cal Beneficiaries (5+) that are Fully Vaccinated	Managed Care Parent Plan	Percent of Medi-Cal Beneficiaries (all ages) that are Fully Vaccinated	Percent of Medi-Cal Beneficiaries (5+) that are Fully Vaccinated
San Francisco Health Plan	70.9%	73.5%	Central California Alliance for Health	48.0%	52.5%
Health Plan of San Mateo	64.5%	68.4%	Partnership Health Plan of California	47.3%	50.9%
Santa Clara Family Health Plan	63.2%	67.1%	CenCal Health	45.3%	49.9%
Alameda Alliance for Health	62.6%	66.2%	Anthem Blue Cross Partnership Plan	45.4%	48.8%
Contra Costa Health Plan	59.2%	63.5%	Molina Healthcare of California	44.9%	47.8%
LA Care Health Plan	53.6%	57.2%	Aetna Better Health of California	42.3%	45.6%
Blue Shield of California Promise	53.5%	56.7%	CalViva Health	41.9%	46.2%
Kaiser Permanente	54.6%	59.3%	California Health & Wellness Plan	41.4%	44.7%
CalOptima	52.2%	55.7%	Health Plan of San Joaquin	40.2%	44.3%
Community Health Group	51.3%	54.9%	Inland Empire Health Plan	39.3%	42.8%
Gold Coast Health Plan	50.1%	54.3%	Kern Health Systems	37.3%	41.4%
Health Net	48.5%	51.7%	Fee For Service	42.4%	45.6%

#### Percent of Medi-Cal Beneficiaries administered booster dose as of December 31, 2023 by Managed Care Parent Plan and Fee For Service

Managed Care Parent Plan	Percent of Medi-Cal Beneficiaries (all ages) Administered Booster Dose	Percent of Medi-Cal Beneficiaries (5+) Administered Booster Dose	Managed Care Parent Plan	Percent of Medi-Cal Beneficiaries (all ages) Administered Booster Dose	Beneficiaries (5+)
San Francisco Health Plan	65.3%	67.7%	Central California Alliance for Health	27.3%	29.8%
Health Plan of San Mateo	51.1%	54.2%	Partnership Health Plan of California	30.6%	32.8%
Santa Clara Family Health Plan	48.3%	51.2%	CenCal Health	26.5%	29.2%
Alameda Alliance for Health	47.9%	50.6%	Anthem Blue Cross Partnership Plan	27.3%	29.3%
Contra Costa Health Plan	40.5%	43.3%	Molina Healthcare of California	24.8%	26.4%
LA Care Health Plan	32.5%	34.6%	Aetna Better Health of California	23.8%	25.6%
Blue Shield of California Promise	37.2%	39.4%	CalViva Health	20.1%	22.1%
Kaiser Permanente	39.6%	43.0%	California Health & Wellness Plan	23.2%	24.9%
CalOptima	33.0%	35.2%	Health Plan of San Joaquin	19.5%	21.4%
Community Health Group	31.5%	33.7%	Inland Empire Health Plan	20.0%	21.7%
Gold Coast Health Plan	28.8%	31.2%	Kern Health Systems	16.9%	18.7%
Health Net	27.5%	29.2%	Fee For Service	21.2%	22.7%



# Vaccine Equity Metric (VEM)

California is using the Healthy Places Index (HPI), which reflects 25 community characteristics using data related to the economy, education, healthcare access, housing, neighborhoods, clean environment, transportation, and social environment. California's 1,650+ ZIP codes have been divided into four quartiles based on the HPI Index. Those with the highest HPI scores correlate to better health outcomes, while those with lower scores (first quartile) reflect worse health outcomes. In general, higher HPI scores also correlate with higher household incomes, and lower HPI scores correlate with lower incomes.

Vaccine Equity Metric (VEM) score quartiles combine the Public Health Alliance of Southern California's Healthy Places Index (HPI) measure with CDPH-derived scores to estimate factors that impact health, like income, education, and access to health care. The Vaccine Equity Metric is for weekly vaccination allocation and reporting purposes only.

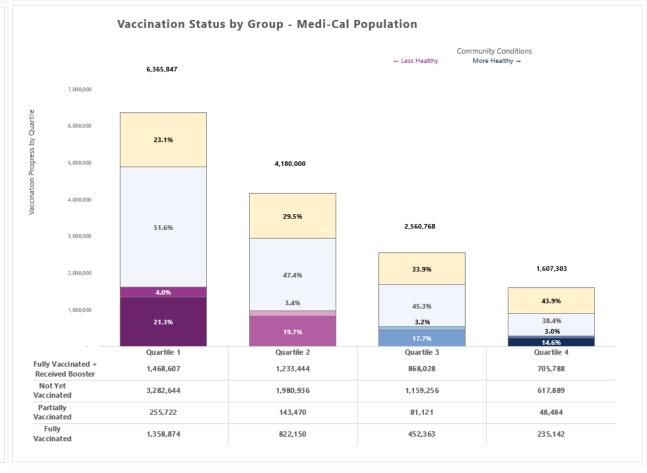
- » Equitable Vaccine Administration Fact Sheet (ca.gov)
  - » <u>https://www.gov.ca.gov/wp-content/uploads/2021/03/Equitable-Vaccine-Administration-Fact-Sheet.pdf</u>

# **COVID-19 Vaccination Status as of December 31, 2023 California vs. Medi-Cal - by Community Conditions**

#### **All Californians**

#### Vaccination Status by Group - California Population Community Conditions 10,617,643 11,000,000 More Healthy → ← Less Healthy 9,902,776 10.000.000 11.0% 9.397.006 9.298.697 16.1% 9,000,000 21.6% 25.1% 8.000.000 31.0% 21.3% 7,000,000 18.6% 7.7% 6.000.000 8.4% 8.4% 7.9% 5,000,000 4.000.000 3.000.000 54.1% 54.3% 51.9% 53.0% 2,000,000 1.000.000 Quartile 1 Quartile 2 Quartile 3 Quartile 4 Fully Vaccinated + 1,173,075 1,590,553 2,033,776 2,880,244 Received Booster Not Yet 2,667,123 2,106,196 1,745,838 714,178 Vaccinated Partially 1,036,881 831.756 740.821 780.423 Vaccinated Fully 5,740,564 5,374,271 4,876,571 4,923,852 Vaccinated

#### **Medi-Cal Beneficiaries**



## **COVID-19 Vaccination Status as of December 31, 2023 California vs. Medi-Cal - by Community Conditions**

All Californians											
Quartiles	Fully Vaccinated	Partially Vaccinated	Not Yet Vaccinated	Fully Vaccinated + Received Booster	Total	Quartiles %	Fully Vaccinated	Partially Vaccinated	Not Yet Vaccinated	Fully Vaccinated + Received Booster	Total
Quartile 1	5,740,564	1,036,881	2,667,123	1,173,075	10,617,643	Quartile 1	54.1%	9.8%	25.1%	11.0%	100%
Quartile 2	5,374,271	831,756	2,106,196	1,590,553	9,902,776	Quartile 2	54.3%	8.4%	21.3%	16.1%	100%
Quartile 3	4,876,571	740,821	1,745,838	2,033,776	9,397,006	Quartile 3	51.9%	7.9%	18.6%	21.6%	100%
Quartile 4	4,923,852	780,423	714,178	2,880,244	9,298,697	Quartile 4	53.0%	8.4%	7.7%	31.0%	100%
Total	20,915,258	3,389,881	7,233,335	7,677,648	39,216,122	Total	53.3%	8.6%	18.4%	19.6%	100%

Medi-Cal Beneficiaries											
Quartiles	Fully Vaccinated	Partially Vaccinated	Not Yet Vaccinated	Fully Vaccinated + Received Booster	Total	Quartiles %	Fully Vaccinated	Partially Vaccinated	Not Yet Vaccinated	Fully Vaccinated + Received Booster	Total
Quartile 1	1,358,874	255,722	3,282,644	1,468,607	6,365,847	Quartile 1	21.3%	4.0%	51.6%	23.1%	100%
Quartile 2	822,150	143,470	1,980,936	1,233,444	4,180,000	Quartile 2	19.7%	3.4%	47.4%	29.5%	100%
Quartile 3	452,363	81,121	1,159,256	868,028	2,560,768	Quartile 3	17.7%	3.2%	45.3%	33.9%	100%
Quartile 4	235,142	48,484	617,889	705,788	1,607,303	Quartile 4	14.6%	3.0%	38.4%	43.9%	100%
Total	2,868,529	528,797	7,040,725	4,275,867	14,713,918	Total	19.5%	3.6%	47.9%	29.1%	100%

Note: All Californians count for the "Not Yet Vaccinated" are estimates and may slightly vary from the true rate.

# **Medi-Cal COVID-19 Vaccination Status**

- » Data sources:
- DHCS Data: Eligibility data from the Medi-Cal Data Warehouse Management Information System/Decision Support System
- CDPH Data: COVID-19 vaccination data from the California Immunization Registry. Data does not include doses administered by federal agencies who received vaccines allocated directly from CDC.
- » DHCS receives COVID-19 vaccination data every Monday, links it securely to Medi-Cal eligibility data and loads it to the COVID-19 reporting module. The lag time between vaccinations and the corresponding data might be several days.