

California Secretary of State

Supplementary Report:

Voter's Choice Act (VCA) Report on Race and Ethnicity in the 2022 General Election

University of California, Los Angeles
Voting Rights Project

Utilizing Bayesian Improved Surname Geocoding (BISG) on the 2022 General Election Voter
File

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This report is also available online at www.sos.ca.gov

Secretary of State's Office Summary

About the California Secretary of State

The California Office of the Secretary of State is committed to adhering to the highest standards of integrity and transparency, supporting businesses, strengthening democracy, protecting individual rights, preserving our state's history, delivering quality services, and providing accessible resources and trusted information.

The California Secretary of State's responsibilities include:

- Serving as the state's Chief Elections Officer
- Implementing electronic filing and Internet disclosure of campaign and lobbyist financial information
- Maintaining business filings
- Commissioning notaries public
- Operating the Safe at Home confidential address program
- Maintaining the Domestic Partners and Advance Health Care Directive Registries
- Safeguarding the State Archives
- Serving as a trustee of the California Museum

Background

The Voter's Choice Act (VCA), established by Senate Bill 450 (Allen, Hertzberg, et al., Chapter 832, Statutes of 2016), aims to enhance voting accessibility in California. This legislation introduces a voter-centered model designed to increase electoral participation and provide voters with more flexible options for civic engagement.

Key features of the VCA's modernized election system include:

- Automatic mail-in ballots for all active, registered voters
- Extended in-person early voting periods of up to 10 days
- County-wide vote centers allowing ballot casting at any location within the voter's county
- Convenient, secure ballot drop box locations throughout each county

To implement this system, the VCA mandates that counties develop a comprehensive Election Administration Plan (EAP). This plan serves two primary purposes:

1. Informing voters about their expanded voting options
2. Outlining strategies for voter education and community outreach

The VCA emphasizes community involvement in the electoral process. It requires county election officials to actively seek and incorporate community input in planning and administering elections, ensuring that diverse voices are heard in shaping local voting systems.

Introduction

As part of measuring the effectiveness of the Voter's Choice Act (VCA), the California Secretary of State commissioned an extensive research report from the University of California, Los Angeles' (UCLA) Voting Rights Project to analyze voter participation by race and ethnicity during the 2022 General Election. This report divides race into five categories: White, Latino, Black, Asian American and Pacific Islander (AAPI), and voters identified as 'Other.' Additionally, the report analyzed data from voters estimated to be American Indian and Alaska Native

(AIAN) and AAPI subethnic modeling. California voters do not have to self-report race or ethnicity when they register to vote, so this report used Bayesian Improved Surname Geocoding (BISG) to assign the estimated race of an individual voter. BISG relies on census surname data and census geographic information to assign a probability of race and ethnicity to voter information.

This report presents aggregate summaries for California's 58 counties, categorized as statewide, non-VCA (31 counties), and VCA (27 counties). The report provides separate statistics for VCA counties excluding Los Angeles County, as past reports have Los Angeles County represented as over half of all VCA registered voters and could potentially skew results. While no longer the case, this approach maintains consistency with past reports and offers a more nuanced view of the Voter's Choice Act (VCA) implementation across the state during the 2022 General Election.

Previous Reports

The Secretary of State commissioned the UCLA Voting Rights Project to complete research reports exploring voter registration, voter turnout, and voter participation during the 2020 General Election, 2021 Recall Election and the 2022 Primary Election. These reports delved into these voter characteristics and organized the information by race and ethnicity. This report relied on data from California's centralized Voter Registration database, VoteCal, census information, and BISG, AAPI subethnic modeling, and self-reported data with geolocation information.

Similarities

- The 2020 General, 2021 Recall, 2022 Primary, and 2022 General Elections reports use similar methodologies to analyze VoteCal data to assign a probability of race and ethnicity.
- The 2021 Recall, 2022 Primary and 2022 General Elections reports include a breakdown by Asian American Subethnic Surnames or Asian American subethnic modeling.

Differences

- The 2020 General Election report on Race and Ethnicity did not include a primary language breakdown (UCLA did publish separate 2020 Primary and 2022 General Elections reports on language access).
- The 2021 Recall Election report on Race and Ethnicity only included analysis for the 15 VCA counties including and excluding Los Angeles County. The 2022 Primary and General Elections reports include data for all 27 VCA counties, Statewide data, and data for Non-VCA counties.
- The information presented on individual counties is organized differently in the 2022 Primary and 2022 General Elections reports on race and ethnicity.

Findings

Voter Registration: Voter registration remains a key focus for the California Secretary of State. Registration rates fluctuate due to factors such as population mobility, emigration, and mortality. The number of Voter's Choice Act (VCA) counties has increased from 15 during the 2020 General¹ and 2021 Recall Elections to 27 during the 2022 Primary and General Elections.

- Registration rates vary along racial and ethnic lines:
 - White and Black voter registration slightly decreased since the 2022 Primary Election.

¹ The SOS first published report using BISG was published to the SOS website at <https://elections.cdn.sos.ca.gov/vca/2020-vca-report/appendix-c-ucla-bisg-general.pdf>

- Latino and Asian American and Pacific Islander (AAPI) registration increased.
- In VCA counties, White, Black, and 'Other' voters have lower registration rates than their counterparts in non-VCA counties.
- Voters aged 30-49 remain the largest registered group across the state.

Race and Ethnicity: Since the 2022 Primary Election, statewide registration rates for White and Black voters slightly decreased, while Latino and Asian American and Pacific Islander (AAPI) voter registration increased. In VCA counties, White (38.4%), Black (5.2%), and Other (5.9%) voters have lower registration rates compared to their counterparts in non-VCA counties (42.8%, 5.3%, and 7.1% respectively).

Age: Voters aged 30–49 constitute the largest registered group statewide (33.1%), in VCA counties (32.2%), and in non-VCA counties (32.9%). Voters aged 18–29 represent the smallest percentage (20.0%) across all categories.

Language: In VCA counties, English-speaking voters comprise approximately 95.0% of the registered electorate, with Spanish-speaking voters accounting for 3.1%. The remaining electorate includes Vietnamese, Chinese, Korean, Tagalog, Japanese, Thai, Hindi, and Khmer-speaking voters.

Voter Turnout: Voter turnout and turnout gaps continue to be significant concerns for the California Secretary of State.

- White voters have the highest turnout rate across the state, while Latino voters have the lowest, resulting in the largest turnout gap.
- American Indian and Alaska Native (AIAN) voters had a higher turnout rate than the statewide average in the 2022 General Election.
- Turnout rates increase with a voter's age.
- In VCA counties, English-speaking voters had the only turnout rate that exceeded the county average and the overall statewide average.

Race and Ethnicity: White voters maintain the highest turnout rate (44.4%), while Latino voters have the lowest (21.2%), resulting in the largest turnout gap. American Indian and Alaska Native (AIAN) voters showed a higher turnout rate (53.4%) than the statewide average (50.4%).

Age: Voter turnout rates consistently increase with age across all county types.

Language: In VCA counties, English-speaking voters (50.9%) were the only language group to exceed both the county average (50.3%) and the statewide average (50.4%) turnout rates.

Voter Participation: Statewide, vote by mail (VBM) remains the predominant voting method, though its usage decreased slightly since the 2022 Primary Election. In-person voting at vote centers and polling places increased by 3.1% and 0.1% respectively.

- Vote by mail remains the most common method, but its usage decreased slightly since the 2022 Primary Election.
- More voters are choosing to vote in person, with increased use of vote centers and polling places.
- Voters 65 and older are most likely to vote by mail.
- Voters 30-49 are most likely to use vote centers.

- The use of mail as a ballot return method in VCA counties has steadily declined over the past three elections.

Age: Voters aged 65 and over use VBM at the highest rates statewide. Voters aged 30–49 are most likely to use vote centers, while both 30–49 and 50–64 age groups show the highest rates of polling place usage.

Vote by Mail return methods: In VCA counties, mail remains the most common ballot return method. However, its usage has steadily declined from 55.7% in the 2021 Recall Election to 44.0% in the 2022 General Election.

Recommendations

- Implement targeted outreach and education programs for voters aged 18–29 to address low voter registration and turnout rates.
- Develop innovative strategies to engage younger and future voters through:
 - Enhanced civic education in schools.
 - Increased presence on social media platforms.
 - Continue efforts to understand and address the needs of California's diverse electorate.
- Focus on reducing voter turnout gaps, particularly between White and Latino voters.
- Investigate and address barriers to voter registration to pursue a 100% voter registration rate in California.
- Monitor and adapt to changing preferences in voting methods, particularly the shift towards in-person voting in some demographics.

Conclusion

The California Secretary of State remains committed to understanding and serving the needs of its diverse electorate. Ongoing efforts will focus on addressing voter turnout gaps and removing barriers to achieve full voter participation across all demographics.

California Voter's Choice Act:

Utilizing Bayesian Improved Surname Geocoding (BISG) on the 2022 General Election Voter File

BY UCLA VOTING RIGHTS PROJECT IN PARTNERSHIP WITH THE CALIFORNIA SECRETARY OF
STATE OFFICE

This report was written by the UCLA Voting Rights Project in partnership with the California Secretary of State.

About the UCLA VRP

The UCLA Voting Rights Project (UCLA VRP) is a nonpartisan, educational project housed within the Latino Policy and Politics Initiative (LPPI) at the University of California, Los Angeles. The UCLA VRP educates undergraduate, graduate, and professional degree students through our flagship voting rights clinic. The UCLA VRP works with experts and election officials across the country to ensure equitable access to voting.

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TABLE OF CONTENTS

EXECUTIVE SUMMARY	9
Voter Trends for Voter Choice Act Counties (Excluding Los Angeles County)	20
UNDERSTANDING VOTER TURNOUT GAPS	21
INTRODUCTION	23
METHODOLOGY	24
Bayesian Improved Surname Geocoding (BISG)	24
Asian American and Pacific Islander (AAPI) Subethnic Modeling	25
American Indian and Alaska Native (AIAN) Classification	26
Data Sources	26
Additional Notes	27
VOTER CHARACTERISTICS AND PATTERNS	28
Introduction	28
Voters by Race and Ethnicity	29
Takeaways	47
Asian American and Pacific Islander (AAPI) Subethnicities	49
Takeaways	71
Voters Classified as American Indian and Alaska Native (AIAN)	72
Takeaways	81
Voters by Age Categories	83
Takeaways	98
Voters by General Language Groups	99
Takeaways	115
VOTING BY MAIL	117
Introduction	117
Takeaways	131
CONCLUSION	133

EXECUTIVE SUMMARY

This report provides a comprehensive analysis of voter registration and turnout across California and in the Voter's Choice Act (VCA) counties during the November 2022 General Election. Signed into law in 2016, the California Voter's Choice Act (VCA) ushered in an election model that expanded early voting opportunities and methods for voters to return their ballots. The purpose of this analysis is to report patterns by voter characteristics for all California voters. We evaluated the statewide voter file by race and ethnicity, age, language, voting method, and status as an American Indian and Alaska Native (AIAN) voter. The data and tables contained here are meant to be instructive on how Californians vote and to assess any differences by county and race or ethnicity. For nearly 60 years, since the passage of the Civil Rights Act and Voting Rights Act, published statistics have documented a voter turnout gap between White, non-Hispanics and Black, Latino and Asian American communities. However, outside of former jurisdictions subject to the special provisions of the Voting Rights Act of 1965 in the South, almost no other state in the nation has attempted to collect and tabulate data on voter's race or ethnicity, for the purposes of simply learning more about voter participation patterns. The efforts by the California Secretary of State, consistent with the VCA, represent the single largest effort of any non-Section 5 state to document and understand racial and ethnic voting patterns. With more than 22 million registered voters, and the most diverse population of any state, California is a critical state for policymakers to take note of how voting differs across counties, and across diverse communities.

Our analysis divides race into five categories: White, Latino, Black, Asian American and Pacific Islander (AAPI), and all 'Other.' These racial groups are similar to those used in the Census data and self-reported race California already uses in the voter files.² The major difference is that American Indian/Alaska Native and multi-racial individuals are included with 'other' due to their small population size in most VCA counties, however we do make further attempts to understand the American Indian population in this remote setting using geography.

Throughout this report, we discuss the difference in turnout between racial and ethnic groups, commonly referred to as 'the racial turnout gap' by political science scholars.³ The turnout gap is a long-documented phenomenon in voting and elections nationwide and in California. As a result of the history of exclusion and discrimination, significant differences in socioeconomic status, and lower rates of voter outreach by candidates, communities of color have experienced lower rates of registration and voting than White, non-Hispanics, a trend well-established for more than 50 years in California.⁴ This turnout gap is not unique to California and is not necessarily an outcome of the state's electoral system today. Indeed, California is taking steps to make voting more accessible and equitable through the VCA and other policies in place. Over time, voter participation is expected to increase for all Californians across race and ethnicity as awareness of the voting

² U.S. Census Bureau, "About the Topic of Race," Census.gov, March 1, 2022, <https://www.census.gov/topics/population/race/about.html>.

³ Fraga, Bernard L. *The turnout gap: Race, ethnicity, and political inequality in a diversifying America*. Cambridge University Press, 2018.

⁴ Rosenstone, Steven J., and John Mark Hansen. "Mobilization, participation, and democracy in America." (No Title) (1993).

options increases and voting is continued to be made more accessible. Already, policies such as automatic voter registration (AVR) have resulted in large increases in the number of Californians being registered to vote. Still, most political science published research points to campaign outreach, individual feelings of efficacy, and attributes such as age and education which are positively correlated with voter turnout.

To ensure voter equity across racial and ethnic groups, increased efforts and investments by the state and county election officials, as well as electoral campaigns, must be prioritized.⁵ There can be a role for election official to increase information and awareness about voting to the general public that can result in greater political participation. Still, there will be times when voters might choose not to cast a ballot because they are not interested in the electoral process or do not feel closely aligned with any candidates. Past research has found that states that are not closely contested “battlegrounds,” such as California, often experience comparatively lower turnout because would-be voters correctly predict that the statewide election contests will not be close.⁶

The objective of this report then is to provide policymakers with real data on voter turnout patterns by county and race/ethnicity, so that they can observe differences, and perhaps take account of lower rates of voting to consider increased outreach activities in a specific community, especially if that community is one that has historically experienced low voting rates. The report is not meant to cast positive or negative light on any county, or any community of voters, but instead of present objective data to inform our knowledge of voting patterns in California.

Throughout this report, we provide aggregate summaries for statewide, non-VCA, VCA counties, and VCA counties excluding Los Angeles County. Statewide aggregated statistics include all fifty-eight California counties. Non-VCA counties’ statistics refer to the thirty-one counties that had not adopted the VCA election model at the time of the 2022 General Election. Lastly, the VCA counties’ aggregated statistics include the twenty-seven counties that adopted the VCA Election model at the time of the 2022 General Election.

Estimates for VCA counties, excluding Los Angeles County, are included in the report tables and described below. Prior to the 2022 Primary and General Elections, fifteen counties adopted the VCA electoral model, and Los Angeles County comprised more than half of all VCA registered voters. As a result, we included VCA total aggregates excluding Los Angeles County because of potential skewing of results. In this report, we included the VCA total aggregates, excluding Los Angeles, to be consistent with past reports.

Our findings are divided into the five major categories that this report follows structurally: 1) all voters by race and ethnicity, 2) Asian American and Pacific Islander (AAPI) voters by subethnic groups, 3) AIAN classified

⁵ Barreto, Matt A. "The cycle of undermobilization of minority voters." *Journal of Race, Ethnicity, and Politics* 3, no. 1 (2018): 185-188.

⁶ Ramírez, Ricardo, Romelia Solano, and Bryan Wilcox-Archuleta. "Selective Recruitment or Voter Neglect? Race, Place, and Voter Mobilization in 2016." *Journal of Race, Ethnicity, and Politics* 3, no. 1 (2018): 156-184.

voters, 4) all voters by age categorization, and 5) all voters by General language group. The major findings of this report are:

I. Registered Voters by Race and Ethnicity

- i. California has a diverse electorate, with more than half of the state's registered voters collectively represented by communities of color such as Latino, AAPI, Black, and all 'Other' non-White voters. There were approximately 21.9 million registered voters at the time of the 2022 General Election. Over 8.6 million, or approximately 39.5% of registered voters, were estimated to be White, and approximately 60.5%, or 13.3 million registered voters, were estimated to be from non-White, racial/ethnic groups.**
 - Approximately 7.1 million, or 32.1%, were estimated to be Latino.
 - Approximately 3.7 million, or 17.0%, were estimated to be AAPI.
 - Approximately 1.4 million, or 6.2%, were estimated as all 'Other.'
 - Approximately 1.1 million, or 5.2%, were estimated to be Black.

- ii. Approximately 16.7 million, or 76.3%, of the statewide registered voters, were registered in VCA counties (including Los Angeles) at the time of the 2022 General Election. Over 6.4 million, or 38.4% of voters, were estimated to be White and approximately 10.3 million, 61.6%, of registered voters in VCA counties (including Los Angeles) are estimated to be from non-White, racial/ethnic groups.**
 - Among non-Whites, Latinos were the largest racial/ethnic group, representing 5.4 million, or 32.2% of registered voters in VCA counties (including Los Angeles).
 - Registered voters estimated to be AAPI represented 3.1 million, or 18.3% of registered voters in VCA counties (including Los Angeles).
 - Registered voters estimated to be 'Other' represented approximately 982 thousand, or 5.9% of registered voters in VCA counties (including Los Angeles).
 - Registered voters estimated to be Black represented approximately 874 thousand, or 5.2% of registered voters in VCA counties (including Los Angeles).

- iii. Approximately 11.1 million, or 50.9%, of the statewide registered voters, were registered in VCA counties (excluding Los Angeles) at the time of the 2022 General Election. Over 4.8 million, or 43.6% of voters, were estimated to be White and approximately 6.3 million, 56.4%, of registered voters in VCA counties (excluding Los Angeles) are estimated to be from non-White, racial/ethnic groups.**
 - Among non-Whites, Latinos were the largest racial/ethnic group, representing 3.0 million, or 27.4% of registered voters in VCA counties (excluding Los Angeles).
 - Registered voters estimated to be AAPI voters represented 2.1 million, or 19.6% of registered voters in VCA counties (excluding Los Angeles).

- Registered voters estimated to be 'Other' represented approximately 622 thousand, or 5.6% of registered voters in VCA counties (excluding Los Angeles).
- Registered voters estimated to be Black represented approximately 428 thousand, or 3.8% of registered voters in VCA counties (excluding Los Angeles).

iv. Approximately 95.0% of all registered voters in VCA counties (including Los Angeles) recorded English as their primary language.

- Spanish-speakers were the largest group of voters registered in a language other than English, making up approximately 3.10% of registered voters in VCA counties (including Los Angeles).
- Chinese-speakers represented approximately 0.64% of registered voters in VCA counties (including Los Angeles).
- Vietnamese-speakers represented approximately 0.63% of registered voters in VCA counties (including Los Angeles).
- Korean-speakers represented approximately 0.38% of registered voters in VCA counties (including Los Angeles).
- Voters who speak languages categorized as 'Other' represented approximately 0.08% of registered voters in VCA counties (including Los Angeles).
- Tagalog-speakers represented approximately 0.08% of registered voters in VCA counties (including Los Angeles).
- Japanese-speakers represented approximately 0.03% of registered voters in VCA counties (including Los Angeles).
- Thai and Khmer represented approximately 0.02% of registered voters in VCA counties (including Los Angeles), respectively.
- Hindi-speakers represented approximately 0.01% of registered voters in VCA counties (including Los Angeles).

v. Approximately 95.9% of all registered voters in VCA counties (excluding Los Angeles) recorded English as their primary language.

- Spanish-speakers were the largest group of voters registered in a language other than English, making up approximately 2.37% of registered voters in VCA counties (excluding Los Angeles).
- Vietnamese-speakers represented approximately 0.83% of registered voters in VCA counties (excluding Los Angeles).
- Chinese-speakers represented approximately 0.53% of registered voters in VCA counties (excluding Los Angeles).
- Korean-speakers represented approximately 0.24% of registered voters in VCA counties (excluding Los Angeles).
- Tagalog-speakers represented approximately 0.07% of registered voters in VCA counties (excluding Los Angeles).
- Voters who speak languages categorized as 'Other' represented approximately 0.06% of registered voters in VCA counties (excluding Los Angeles).

- Japanese and Khmer speaking voters represented 0.02% of registered voters in VCA counties (excluding Los Angeles), respectively.
- Thai and Hindi speaking voters represented 0.01% of registered voters in VCA counties (excluding Los Angeles), respectively.

vi. Statewide, more than 11 million voters participated in the 2022 General Election in California. Unlike the distribution of the registered electorate, voters estimated to be White comprised about half of the ballots cast statewide and in non-VCA and VCA counties.

- Voters estimated to be White represented approximately 5.6 million, or 50.3%, of statewide ballots cast.
- Voters estimated to be Latino represented approximately 2.5 million, or 23.0%, of statewide ballots cast.
- Voters estimated to be AAPI represented approximately 1.8 million, or 15.9%, of statewide ballots cast.
- Voters estimated to be 'Other' represented approximately 696 thousand, or 6.3%, statewide ballots cast.
- Voters estimated to be Black represented approximately 499 thousand, or 4.5%, of statewide ballots cast.

vii. About 8.4 million, or 76.2%, of statewide ballots came from voters in VCA counties (including Los Angeles) and approximately 2.6 million, or 23.8%, of ballots came from non-VCA counties.

- Voters estimated to be White represented approximately 4.2 million, or 49.2%, ballots cast in VCA counties (including Los Angeles) compared to 1.4 million, or 53.7% in non-VCA counties.
- Voters estimated to be Latino represented approximately 2.0 million, or 23.2%, ballots cast in VCA counties (including Los Angeles) compared to 588 thousand, or 22.3%, ballots cast in non-VCA counties.
- Voters estimated to be AAPI represented approximately 1.4 million, or 17.1%, ballots cast in VCA counties (including Los Angeles) compared to 322 thousand, or 12.2%, ballots cast in non-VCA counties.
- Voters estimated to be 'Other' represented approximately 503 thousand, or 6.0%, ballots cast in VCA counties (including Los Angeles) compared to 192 thousand, or 7.3% in non-VCA counties.
- Voters estimated to be Black represented approximately 382 thousand, or 4.5%, ballots cast in VCA counties (including Los Angeles) compared to 117 thousand, or 4.4%, in non-VCA counties.

viii. Across the state, there was a 50.4% turnout rate during the 2022 General Election. Voters estimated to be Latino had the lowest turnout rate of any group and routinely fell close to 10 percentage points lower than collective averages.

- Voters estimated to be White had a turnout rate of 64.3%.
- Voters estimated to be all 'Other' had a turnout rate of 51.4%.
- Voters estimated to be AAPI had a turnout rate of 47.3%.
- Voters estimated to be Black had a turnout rate of 43.5%.
- Voters estimated to be Latino had a turnout rate of 36.0%.

ix. In VCA counties (including Los Angeles), there was a turnout rate of 50.3% during the 2022 General Election compared to a 50.8% turnout rate in non-VCA counties.

- Voters estimated to be White had a turnout rate of 64.4% in VCA counties (including Los Angeles) compared to a turnout rate of 63.8% in non-VCA counties.
- Voters estimated to be 'Other' had a turnout rate of 51.2% in VCA counties (including Los Angeles) compared to a turnout rate of 52.0% non-VCA counties.
- Voters estimated to be AAPI had a turnout rate of 47.0% in VCA counties (including Los Angeles) compared to a turnout rate of 48.6% in non-VCA counties.
- Voters estimated to be Black had a turnout rate of 43.7% in VCA counties (including Los Angeles) compared to a turnout rate of 42.7% in non-VCA counties.
- Voters estimated to be Latino had a turnout rate of 36.2% in VCA counties (including Los Angeles) compared to a turnout rate of 35.5% in non-VCA counties.

x. In VCA counties (excluding Los Angeles), there was a turnout rate of 53.7% during the 2022 General Election.

- Voters estimated to be White had a turnout rate of 65.9% in VCA counties (excluding Los Angeles).
- Voters estimated to be 'Other' had a turnout rate of 56.4% in VCA counties (excluding Los Angeles).
- Voters estimated to be AAPI had a turnout rate of 48.7% in VCA counties (excluding Los Angeles).
- Voters estimated to be Black had a turnout rate of 46.3% in VCA counties (excluding Los Angeles).
- Voters estimated to be Latino had a turnout rate of 38.5% in VCA counties (excluding Los Angeles).

xi. Across the state, the vast majority of voters utilized vote-by-mail to participate in the 2022 General Election.

- Approximately 9.8 million, or 88.1%, of ballots were cast via Vote-By-Mail.
- Approximately 1.1 million, or 9.6%, of ballots were cast via Vote Center.
- Approximately 209 thousand, or 1.9%, of ballots were cast via Polling Place.
- Approximately 41 thousand, or 0.4%, of ballots were cast via provisional CVR ballot.
- Approximately 6 thousand, or 0.1% of ballots were cast via Nonprovisional CVR ballot.

- xii. In VCA counties (including Los Angeles) and non-VCA counties, the vast majority of voters also utilized vote-by-mail to participate in the 2022 General Election.**
- Approximately 7.4 million, or 87.7%, ballots cast in VCA counties (including Los Angeles) were cast via Vote-By-Mail compared to 2.4 million, or 89.5%, ballots cast in non-VCA counties.
 - Approximately 997 thousand, or 11.8%, ballots cast in VCA counties (including Los Angeles) were cast via Vote Center compared to 62 thousand, or 2.3%, ballots cast in non-VCA counties.
 - Zero ballots cast in VCA counties (including Los Angeles) were cast via Polling Place compared to 209 thousand, or 7.9%, ballots cast in non-VCA counties.
 - Approximately 37 thousand, or 0.4%, ballots cast in VCA counties (including Los Angeles) were cast via provisional CVR ballot compared to 5 thousand, or 0.2%, ballots cast in non-VCA counties.
 - Approximately 4 thousand, or 0.0%, ballots cast in VCA counties (including Los Angeles) were cast via Nonprovisional CVR ballot compared to 2 thousand, or 0.1%, ballots in non-VCA counties.

II. AAPI Voters Subethnic Group

- i. Chinese voters comprised the largest percentage of the 3.7 million registered AAPI voters statewide during the 2022 General Election.**
- Chinese voters represented over 942 thousand, or 25.3%, statewide registered AAPI voters.
 - All 'other' voters represented 672 thousand, or 18.0%, statewide registered AAPI voters.
 - Filipino voters represented 648 thousand, or 17.4%, statewide registered AAPI voters.
 - Indian voters represented 528 thousand, or 14.1%, statewide registered AAPI voters.
 - Vietnamese voters represented 506 thousand, or 13.6%, statewide registered AAPI voters.
 - Korean voters represented 290 thousand, or 7.8%, statewide registered AAPI voters.
 - Japanese voters represented 144 thousand, or 3.9%, statewide registered AAPI voters.
- ii. Chinese voters comprised the largest percentage of the 1.8 million ballots cast by AAPI voters statewide during the 2022 General Election.**
- Approximately 453 thousand, or 25.7%, of the ballots came from Chinese voters.
 - Approximately 333 thousand, or 18.9%, of the ballots came from all 'other' voters.
 - Approximately 293 thousand, or 16.6%, of the ballots came from Filipino voters.
 - Approximately 251 thousand, or 14.2%, of the ballots came from Indian voters.
 - Approximately 224 thousand, or 12.7%, of the ballots came from Vietnamese voters.
 - Approximately 129 thousand, or 7.3%, of the ballots came from Korean voters.
 - Approximately 80 thousand, or 4.5%, of the ballots came from Japanese voters.
- iii. There was significant variation in turnout across AAPI subethnic groups during the 2022 General Election.** Most notably between Japanese voters, who had the highest turnout among

subethnic AAPI groups, and Vietnamese voters, who had the lowest turnout among subethnic groups.

- Voters estimated to be Japanese had a turnout rate of 55.3%.
- Voters estimated as all 'other' had a turnout rate of 49.6%.
- Voters estimated to be Chinese had a turnout rate of 48.1%.
- Voters estimated to be Indian had a turnout rate of 47.6%.
- Voters estimated to be Filipino had a turnout rate of 45.2%.
- Voters estimated to be Korean had a turnout rate of 44.4%.
- Voters estimated to be Vietnamese had a turnout rate of 44.3%.

xiii. The vast majority of AAPI voters utilized vote-by-mail to participate in the 2022 General Election.

- Chinese voters cast approximately 413 thousand, or 91.2%, of ballots via vote-by-mail.
- Japanese voters cast approximately 72 thousand, or 91.1%, of ballots via vote-by-mail.
- Indian voters cast approximately 229 thousand, or 91.0%, of ballots via vote-by-mail.
- Filipino voters cast approximately 265 thousand, or 90.6%, of ballots via vote-by-mail.
- Korean voters cast approximately 117 thousand, or 90.5%, of ballots via vote-by-mail.
- Vietnamese voters cast approximately 202 thousand, or 90.1%, of ballots via vote-by-mail.
- 'Other' voters cast approximately 294 thousand, or 88.2%, of ballots via vote-by-mail.

III. American Indian and Alaska Native (AIAN) Classified Voters

i. AIAN-classified voters comprised 0.3% of the statewide registered electorate at the time of the 2022 General Election.⁷

- Approximately 70 thousand, or 0.3%, statewide voters were classified as AIAN.
- VCA counties accounted for 70.5% of the state's AIAN-classified voters.

ii. AIAN-classified voters accounted for approximately 38 thousand, or 0.3%, of the statewide ballots cast during the 2022 General Election.

- VCA counties accounted for 75.8% of the state's AIAN ballots cast.

iii. During the 2022 General Election, AIAN-classified voters had a statewide turnout rate of 53.4% – higher than the statewide average of 50.4%.

- In VCA counties, the AIAN turnout rate of 57.3% was 3.9 percentage points higher than the AIAN statewide turnout rate of 53.4%.

⁷ According to 2022 1-year American Community Survey (ACS) estimates from the U.S. Census Bureau, California had approximately 504 thousand American Indian and Alaska Native individuals, which accounted for 1.3% of the state's total population.

- In non-VCA counties, the AIAN turnout rate of 43.9% was 9.5 percentage points lower than the AIAN statewide turnout rate of 53.4%.

iv. Across the state, the vast majority of AIAN-classified voters utilized vote-by-mail to participate in the 2022 General Election.

- Approximately 33 thousand, or 88.8% of AIAN ballots were cast via vote-by-mail.
- Approximately 2.6 thousand, or 6.8% of AIAN ballots were cast via vote center.
- Approximately 1 thousand, or 3.7% of AIAN ballots were cast via polling place.
- Approximately 219, or 0.6% of AIAN ballots were cast via provisional CVR ballot.
- Approximately 28 AIAN ballots were cast via Nonprovisional CVR ballot.

v. In VCA counties, the vast majority of AIAN-classified voters also utilized vote-by-mail to participate in the 2022 General Election.

- Approximately 25.7 thousand, or 90.3% of AIAN ballots were cast via vote-by-mail in VCA counties compared to the approximately 7.6 thousand, or 84.4% of AIAN ballots cast via vote-by-mail in non-VCA counties.
- Approximately 2.6 thousand, or 9.0% of AIAN ballots were cast via vote center in VCA counties compared to 0 AIAN ballots cast in non-VCA counties.
- Zero AIAN ballots were cast in VCA counties via polling place compared to approximately 1.4 thousand, or 15.1% of AIAN ballots cast via polling place in non-VCA counties.
- Approximately 181, or 0.6% of AIAN ballots were cast via CVR ballot in VCA counties compared to the 38, or 0.4% of AIAN ballots cast via CVR in non-VCA counties.
- Approximately 21, or 0.1% of AIAN ballots were cast via Nonprovisional CVR ballot in VCA counties compared to 7, or 0.1% nonprovisional CVR ballots cast in non-VCA counties.

IV. Voters by Age Categorization

i. Voters aged 30 to 49 made up the largest percentage of registered voters statewide during the 2022 General Election.

- Approximately 7.3 million, or 33.1%, voters were aged 30 to 49.
- Approximately 5.2 million, or 23.7%, voters were aged 50 to 64.
- Approximately 5.1 million, or 23.2%, voters were aged 65 and over.
- Approximately 4.4 million, or 20.0%, voters were aged 18 to 29.

ii. Voters aged 65 and over accounted for the largest number of ballots cast during the 2022 General Election.

- Voters aged 18 to 29 represented approximately 1.2 million, or 11.1%, of statewide ballots cast.
- Voters aged 30 to 49 represented approximately 3.0 million or 27.7%, statewide ballots cast.
- Voters aged 50 to 64 represented approximately 3.1 million or 28.0% of statewide ballots cast.

- Voters aged 65 and over represented approximately 3.6 million or 33.1%, of statewide ballots cast.

iii. Voters aged 65 and over had a turnout rate of 72.0% – the highest of any age group during the 2022 General Election.

- Voters aged 50 to 64 had a turnout rate of 59.6%.
- Voters aged 30 to 49 had a turnout rate of 42.2%.
- Voters aged 18 to 29 had a turnout rate of 28.0%.

iv. In VCA counties (including Los Angeles), voter turnout rates increase as voters get older. Voters aged 65 and over accounted for largest voter turnout rates during the 2022 General Election.

- Voters aged 18 to 29 had a turnout rate of 28.5% compared to a voter turnout rate of 26.6% in non-VCA counties.
- Voters aged 30 to 49 had a turnout rate of 42.4% compared to a voter turnout rate of 41.7% in non-VCA counties.
- Voters aged 50 to 64 had a turnout rate of 59.4% compared to a voter turnout rate of 60.5% in non-VCA counties.
- Voters aged 65 and over had a turnout rate of 71.2% compared to a voter turnout rate of 74.6% in non-VCA counties.

v. Voters of all age groups widely preferred voting by mail to participate in the 2022 General.

- Voters aged 65 and over cast approximately 3.4 million, or 91.9%, ballots via vote-by-mail.
- Voters aged 18 to 29 cast approximately 1.1 million, or 86.1%, ballots via vote-by-mail.
- Voters aged 30 to 49 cast approximately 2.6 million, or 86.1%, ballots via vote-by-mail.
- Voters aged 50 to 64 cast approximately 2.7 million, or 86.5%, ballots via vote-by-mail.

V. Voters by Language Categorization

i. Voters registered with an English language preference made up approximately 95% of all VCA-registered voters in the 2022 General election.

- Approximately 15.9 million, or 95.0% of VCA voters were registered in English.
- Approximately 521 thousand, or 3.1% of VCA voters, were registered in Spanish.
- Approximately 839 thousand, or 5.0% of VCA voters were registered in a language other than English (including Spanish).

ii. Of the 16.7 million registered voters in VCA counties (including Los Angeles), 5.7 million, or 33.9%, were born abroad.

- Among VCA voters born abroad, 5 million, or 86.6%, were registered to vote in English. Over 764 thousand, or 13.5%, were registered to vote in a language other than English.

- Among VCA voters born in the United States, 11 million, or 99.3%, were registered to vote in English, while 75 thousand, or 0.67%, were registered to vote in a language other than English.

iii. In VCA counties (including Los Angeles), voters registered with a Vietnamese language preference had a turnout rate of 49.5% – the highest turnout of any non-English language group.

- VCA voters registered in English had a turnout rate of 50.9% compared to the 50.3% turnout rate in all VCA counties.
- VCA voters registered in Spanish had a turnout rate of 35.2% compared to the 50.3% turnout rate in all VCA counties.
- The language group with the lowest turnout was Khmer, with a turnout rate of 28% compared to the 50.3% turnout rate in all VCA counties.

iv. VCA voters registered in both English and non-English languages preferred voting by mail to participate in the 2022 General Election.

- Approximately 7.1 million, or 87.6% of VCA voters registered in English, voted by mail.
- Approximately 289 thousand, or 89.4% of VCA voters, registered in a language other than English voted by mail.

VI. Voting by Mail

i. Of the 11 million ballots cast statewide, 9.8 million, or 88.1%, were cast as a mail ballot. 4.5 million, or 45.7%, of all mail ballots were returned via mail, 34.5% or 3.3 million mail ballots were returned via Drop Box, 12.3% or 1.1 million mail ballots were returned via Vote Center Drop Off, 6.7% or 657 thousand mail ballots were returned via Drop off location, and 0.09% or 8 thousand mail ballots were returned via fax.

- Voters estimated to be White cast approximately 2.3 million, or 46.7%, mail ballots via mail.
- Voters estimated to be Black cast approximately 194 thousand, or 45.0%, mail ballots via mail.
- Voters estimated to be Latino cast approximately 915 thousand, or 42.2%, mail ballots via mail.
- Voters estimated to be AAPI cast approximately 768 thousand, or 48.2%, mail ballots via mail.
- Voters estimated to be 'Other' cast approximately 266 thousand, or 43.7%, mail ballots via mail.

Voter Trends for Voter Choice Act Counties (Excluding Los Angeles County)

Before the 2022 elections, Los Angeles County comprised more than half the registered electorate across all VCA counties. In 2022, twelve additional counties adopted the VCA model. While including Los Angeles County does not skew VCA total aggregates like in past elections, we have included a section below outlining some noteworthy trends for VCA county totals with Los Angeles excluded from the aggregates.

I. The electorate in VCA counties is more racially and ethnically diverse when Los Angeles is included in total aggregates.

- i. Of the 11 million registered voters in VCA counties (excluding Los Angeles), 43.6% are estimated to be white. This is approximately 5-points higher than in VCA counties (including Los Angeles).
- ii. The percent of total ballots cast by voters estimated to be Latino decreases from 23.2% in the VCA counties' aggregate (including Los Angeles) to 19.7% when Los Angeles County is excluded from the VCA counties' total.
- iii. The percent of total ballots cast by voters estimated to be Black decreases from 4.5% in the VCA counties' aggregate (including Los Angeles) to 3.3% when Los Angeles County is excluded from the VCA counties' total.

II. Overall turnout across VCA counties is higher when Los Angeles is excluded from total aggregates.

- i. Turnout for voters estimated to be Latino increases from 36.2% in the VCA counties' aggregate (including Los Angeles) to 38.5% when Los Angeles County is excluded from the VCA counties' total.
- ii. Turnout for voters estimated to be AAPI turnout increased from 47.0% in the VCA counties' aggregate (including Los Angeles) to 48.7% when Los Angeles County is excluded from the VCA counties' total.
- iii. Turnout for voters estimated to be Black increased from 43.7% in the VCA counties' aggregate (including Los Angeles) to 46.3% when Los Angeles County is excluded from the VCA counties' total.
- iv. Turnout for voters estimated to be white increased from 64.4% in the VCA counties' aggregate (including Los Angeles) to 65.9% when Los Angeles County is excluded from the VCA counties' total.
- v. Turnout for voters aged 18 to 29 increased from 28.5% in the VCA counties' aggregate (including Los Angeles) to 29.6% when Los Angeles County is excluded from the VCA counties' total.
- vi. Turnout for voters aged 30 to 49 increased from 42.4% in the VCA counties' aggregate (including Los Angeles) to 44.9% when Los Angeles County is excluded from the VCA counties' total.
- vii. Turnout for voters aged 50 to 64 increased from 59.4% in the VCA counties' aggregate (including Los Angeles) to 63.1% when Los Angeles County is excluded from the VCA counties' total.

- viii. Turnout for voters aged 65 and over increased from 71.2% in the VCA counties' aggregate (including Los Angeles) to 76.0% when Los Angeles County is excluded from the VCA counties' total.

UNDERSTANDING VOTER TURNOUT GAPS

The following section discusses the existence of voter turnout gaps by race and ethnicity and provides the context for voter statistics to be analyzed. This section provides an academic literature review on the topic of voter turnout gaps and is included in all VCA counties reports.⁸

Scholars of American electoral politics have sought to understand the reasons that individuals participate in elections and why turnout gaps exist between electorates of different races. These political scientists ultimately find that political campaigns often categorize racial/ethnic minorities as low-propensity voters unlikely to determine election outcomes.⁹ Other research documents that many non-White voters feel disconnected from the political system and do not see politicians as responsive to their community needs, leading to lower turnout. Voters of color are frequently regarded as low-propensity voters due to various factors. For example, because of their relative youth and foreign-born status, many Latino and AAPI voting-eligible citizens enter the electorate as first-time voters that have not previously participated in an election.

The resulting consequence is that numerous individuals of color are on the voter rolls but with little-to-no vote history. As such, they are often overlooked by campaign outreach efforts.¹⁰ In other words, when campaigns plan outreach strategies, they often direct fewer resources to less reliable voters with low vote history scores. This begins the cycle of "under mobilization," in which voters of color are less likely to be targeted for get-out-the-vote campaigns, further depressing minority voting.¹¹ While election rules and structural changes also constrain or encourage voter turnout, there has been a well-documented differential turnout rate by racial groups for the entire political history of America. Still, political scientists recommend that election administrators do what they can to make voting more accessible to encourage increased turnout and equity across groups.

The persistent turnout gap¹² suggests that more than the removal of structural barriers may be required to eliminate the gap between the turnout of White voters and other groups. County election offices and candidates

⁸ California Secretary of State. California Voter's Choice Act: Utilizing Bayesian Improved Surname Geocoding (BISG) on the 2021 Recall Election Voter File. <https://www.sos.ca.gov/voters-choice-act/vca-election-reports>.

⁹ Fraga, Bernard L. *The turnout gap: Race, ethnicity, and political inequality in a diversifying America*. Cambridge University Press, 2018.

¹⁰ *Ibid.*

¹¹ Barreto, Matt A. "The cycle of undermobilization of minority voters." *Journal of Race, Ethnicity, and Politics* 3, no. 1 (2018): 185-188.

¹² U.S. Census Bureau. "Voting Rates by Race and Hispanic Origin." [Census.gov](https://www.census.gov/library/visualizations/2017/comm/voting-rates-race-hispanic.html), October 8, 2021. <https://www.census.gov/library/visualizations/2017/comm/voting-rates-race-hispanic.html>.

for office must increase outreach and contact with Black, Latino, and AAPI voters. If voters are not regularly targeted through outreach efforts, they are less likely to vote. A Pew Research Center study found that during the 2020 Election, highly engaged voters reported they were frequently contacted by campaigns. Whereas some non-voters reported not receiving any campaign communication or only one type of communication.¹³ Furthermore, contact with minority voters must be culturally appropriate and incorporate more racially diverse contact from Black, Latino, and AAPI staff to ensure this outcome. All voters are more likely to be persuaded by outreach that comes from other community members or people they can relate to, and it helps generate a sense of inclusion, especially for historically excluded communities.

Whatever changes are implemented to the administration of California elections, including the widespread adoption of California's Voter's Choice Act (VCA), habitual voters and those voters most targeted by campaigns are likely to stay up-to-date and continue casting their ballots. By contrast, first-time and low-propensity voters are sometimes deterred by the complex and changing electoral process. Tufts University's Center for Information & Research on Civic Learning and Engagement released a poll showing that young people need timely and relevant access to voting information or may not vote.¹⁴ Even if changes are meant to encourage participation, documented research shows that voters with low awareness of political news may not understand the changes and may need more time and outreach to vote at higher rates.

¹³ Andrew Daniller and Hannah Gilberstadt, "Key findings about voter engagement in the 2020 election." Pew Research Center (Pew Research Center, December 14, 2020), <https://www.pewresearch.org/fact-tank/2020/12/14/key-findings-about-voter-engagement-in-the-2020-election/>

¹⁴ Center for Information & Research on Civic Learning and Engagement. (2020). *Poll: Young People Believe they Can Lead Change in Unprecedented Election Cycle*. Accessed February 13, 2023. <https://circle.tufts.edu/latest-research/poll-young-people-believe-they-can-lead-change-unprecedented-election-cycle>

INTRODUCTION

This report, commissioned by the California Secretary of State's office pursuant to California Elections Code, provides a comprehensive overview of voting in California Voter's Choice Act (VCA) counties during the 2022 General Election. California Elections Code Section 4005(g)(1)(A) states that, within six months of each election, the Secretary of State will report voter statistics¹⁵ across race, ethnicity, language preference, age, gender, disability, permanent vote-by-mail status, historical polling place voters, political party affiliation, and language minorities.

Signed into law in 2016, the California Voter's Choice Act (VCA) ushered in an election model used by twenty-seven counties during the 2022 General Election: Alameda; Amador; Butte; Calaveras; El Dorado; Fresno; Kings; Los Angeles; Madera; Marin; Mariposa; Merced; Napa; Nevada; Orange; Riverside; Sacramento; San Benito; San Diego; San Mateo; Santa Clara; Santa Cruz; Sonoma; Stanislaus; Tuolumne; Ventura; and Yolo. Designed to provide greater flexibility and convenience for voters, this new election model allows voters to choose how, when, and where to cast their ballot. This election model expanded early voting opportunities and methods for voters to return their ballots.

Under the VCA, each voter is mailed a ballot which they can then return by mail, to a secure drop box, or at a vote center. Voters may also cast a ballot at any vote center within their county or through other expanded in-person early voting options. Consistent with past publications¹⁶, this report evaluates voter registration and participation across essential characteristics to assess standards of equity in the General election held by VCA counties. The purpose of this analysis is to determine shortcomings in voter engagement and identify opportunities for targeted voter mobilization for future elections.

Pursuant to Proposition 14, passed in 2010, California uses a nonpartisan blanket general for its races.¹⁷ All candidates for voter-nominated offices are listed on one ballot, and only the top two vote-getters in the General election – regardless of party preference - move on to the general election. Prior to the Top Two Candidates Open General Act, the top vote-getter from each qualified political party, as well as any write-in candidate who received a certain percentage of votes, moved on to the general election. The Top Two Candidates Open General Act does not apply to candidates running for U.S. President, county central committee, or local office.

¹⁵ To the extent possible, the California Secretary of State is required to report: voter turnout, voter registration, ballot rejection rates, reasons for ballot rejection, provisional ballot use, accessible vote-by-mail ballot use, the number of votes cast at each vote center, the number of ballots returned at ballot drop off locations, the number of ballots returned by mail, the number of persons who registered to vote at a vote center, instances of voter fraud, and any other problems that became known to the county elections official or the Secretary of State during the election or canvass.

¹⁶ California Secretary of State. California Voter's Choice Act: Utilizing Bayesian Improved Surname Geocoding (BISG) on the 2021 Recall Election Voter File. <https://www.sos.ca.gov/voters-choice-act/vca-election-reports>.

¹⁷ "General Elections in California," General Elections in California :: California Secretary of State, <https://www.sos.ca.gov/elections/General-elections-california>.

Write-in candidates for voter-nominated offices can only run in the General election. A write-in candidate will only move on to the general election if the candidate is one of the top two vote-getters in the General election.

METHODOLOGY

The purpose of this report is to provide a detailed analysis of voter registration and turnout rates for the 2022 General Election in California's twenty-seven Voter's Choice Act (VCA) counties. No state requirement exists to self-report race or ethnicity when registering to vote. As a result, the state's centralized voter registration database, VoteCal, does not capture comprehensive data on voters' racial and ethnic backgrounds. At the time of the 2022 General Election, approximately 6.3 million, or 29.0%, of the 21.9 million registered voters self-reported their race and ethnicity. To provide a more accurate understanding of the electorate in California, we utilized Bayesian Improved Surname Geocoding (BISG) to improve report estimates on California voters that do not self-report race and ethnicity.

Bayesian Improved Surname Geocoding (BISG)

BISG was developed by demographic experts and has been widely published and applied in the domain of public health.¹⁸ Our BISG models are compared to self-reported race data included in the voter file to assess predictive accuracies and further improve techniques. The method relies on a combination of census surname analysis and census block-level racial demographics to provide an overall probability assessment of the voter's race or ethnicity.¹⁹ Demographers and social scientists already utilize both of these methods separately; matching census data to geographic units is widely used for understanding racial demographics and density of an area²⁰, and surname analysis is regularly used against the voter file to understand race and ethnicity.²¹ Using both data sources makes it possible to gain a more precise understanding of voter demographics—two pieces of evidence, instead of just one, provides far more reliable estimates.²²

¹⁸ Fiscella, Kevin, and Allen M. Fremont. "Use of geocoding and surname analysis to estimate race and ethnicity." *Health services research* 41, no. 4p1 (2006): 1482-1500.

¹⁹ Imai, Kosuke, and Kabir Khanna. "Improving ecological inference by predicting individual ethnicity from voter registration records." *Political Analysis* 24, no. 2 (2016): 263-272.

²⁰ Jorge Chapa, Ana Henderson, Aggie Jooyoon Noah, Werner Schinkiv, & Robert Kengle, The Chief Justice Earl Warren Institute on Law and Social Policy, *Redistricting: Estimating Citizen Voting Age Population* (2011)

²¹ Grofman, Bernard, and Jennifer R. Garcia. "Using Spanish Surname to Estimate Hispanic Voting Population in Voting Rights Litigation: A Model of Context Effects Using Bayes' Theorem." *Election Law Journal* 13, no. 3 (2014): 375-393.

²² Barreto, Matt, Michael Cohen, Loren Collingwood, Chad Dunn, and Sonni Waknin. "A novel method for showing racially polarized voting: Bayesian improved surname geocoding." *New York University Review of Law & Social Change* (2021).

BISG analysis begins by undertaking the surname analysis. Surname analysis in BISG starts by taking each last name in the voter file and checking it against the published directories created by the Census Bureau.²³ This list, assembled based on research by demographers at the Census Bureau, has created a racial/ethnic probability for each last name in the United States based on the official census records.²⁴ When a person fills out the census, they record their last name and their self-reported race and ethnicity.²⁵ The resulting probability estimate for each name can then be cross-referenced with the voter file. So, a surname database can assign a probability for nearly every last name found on a voter file.

The second step of BISG relies on the address of the voter from the publicly available voter file.²⁶ Using a procedure known as geocoding, this address information can be cross-referenced with the data from the decennial census at the block level.²⁷ The census data contains the self-reported race of residents, aggregated to the census block level. Using census statistics for the racial and ethnic composition for the block in which a voter resides, the block's racial demographic percentages can be used to refine the initial estimate of voter race by surname alone.²⁸ By using a smaller level of aggregation (i.e., census block), researchers have more precision in their racial estimates.²⁹

BISG uses the two proxy sources of voter race information—a voter's name and where they live—to generate an estimate of their race. By employing the Who Are You (WRU) R package in RStudio to estimate the probability that a voter is of a certain race, a more detailed analysis can be inferred from the combination of surname and geolocation data—as opposed to using just one or the other.^{30 31}

Asian American and Pacific Islander (AAPI) Subethnic Modeling

²³ Elliott, Marc N., Allen Fremont, Peter A. Morrison, Philip Pantoja, and Nicole Lurie. "A new method for estimating race/ethnicity and associated disparities where administrative records lack self reported race/ethnicity." *Health services research* 43, no. 5p1 (2008): 1722-1736.

²⁴ "Decennial Census Surname Files (2010, 2000)." Perma.cc. Accessed September 19, 2022. <https://perma.cc/9JLV-7NQJ>.

²⁵ Ibid.

²⁶ Amos, Brian, and Michael P. McDonald. "A Method to Audit the Assignment of Registered Voters to Districts and Precincts." *Political Analysis* 28, no. 3 (2020): 356-371.

²⁷ Ibid.

²⁸ Barreto, Matt, Michael Cohen, Loren Collingwood, Chad Dunn, and Sonni Waknin. "A novel method for showing racially polarized voting: Bayesian improved surname geocoding." *New York University Review of Law & Social Change, Forthcoming* (2021).

²⁹ Ibid.

³⁰ Khanna, Kabir, Kosuke Imai, and Maintainer Kabir Khanna. "Package 'wru':" (2019). The WRU package uses Bayes' Rule to compute the probability of each racial category for any given person.

³¹ RStudio is an integrated development environment for R, a programming language for statistical computing and graphics. R packages contain code, data, and documentation in a standardized collection format.

In addition to utilizing BISG to improve voter race and ethnicity estimates, we used AAPI subethnic modeling to report detailed estimates for Chinese, Filipino, Indian, Japanese, Korean, Vietnamese, and 'Other' AAPI subethnicities. Other AAPI subethnicities can include Hmong, Cambodian, Pakistani, Laotian, Thai, and others.

AAPI subethnic modeling begins by sorting out registered voters that self-report as AAPI and non-self-reporting voters whose highest racial/ethnic predicted probability was AAPI. We then check the birthplace of these voters to determine if they were born in an Asian country. Voters born internationally are given indicators based on their Asian country of origin.

The remaining AAPI voters' surnames are matched to a modified AAPI surname list.³² Any voters who do not match the Chinese, Filipino, Indian, Japanese, Korean, and Vietnamese surname list are given predicted subethnic probabilities that match the demographic makeup of the census tract that they live in.

American Indian and Alaska Native (AIAN) Classification

This report also describes voter participation for AIAN voters. To report these estimates, we assign an indicator for voters that self-report as American Indian and Alaska Native. Next, we conduct a spatial overlay of voters' geolocation and American Indian tribal boundaries in California. If voters are geolocated as living on an American Indian reservation, they are given an indicator to classify them as AIAN. Using a simple Pearson correlation test, we determined that voters that self-report as AIAN and live within AIAN tribal boundaries are significantly correlated with a correlation coefficient of .889 (i.e., 88.9%).

Data Sources

VoteCal Data: This report utilizes voter data from VoteCal, California's single uniform, centralized voter registration database. This data includes information about voter registration, voter participation method, voter participation, and identifying voter characteristics.

2020 Decennial Census P.L. 94-171 Redistricting Data: We use 2020 Census data which contains the joint distribution of individual characteristics, including age, gender, and race, at the levels of various geographical units. The summary file contains raw counts of individuals, which we aggregate by various geographical units, including county, tract, block group, and block levels.

2010 Census Surname List: The Census Bureau provides data on the racial distribution of surnames in the United States. In 2016, the Census Bureau released the percent of individuals who are White, Black, Latino, AAPI, and so on for each surname occurring at least 100 times in the 2010 Census. We supplement this list with

³² *Lauderdale DS, Kestenbaum B. Asian American ethnic identification by surname. Population Research and Policy Review. 2000;19:283-300.*

Census's Spanish Surname List, which contains the most common Latino surnames expanded from the 2010 Census Surname List.

Asian American Subethnic Surname List: Using a modified surname list, we provide a model for identifying Asian American voters by major subethnic groups. The derivation of the lists is from academic literature on the topic, most prominently described in *Lauderdale DS, Kestenbaum B. Asian American ethnic identification by surname. Population Research and Policy Review. 2000;19:283-300.*

2020 Census Bureau American Indian/Alaska Native/Native Hawaiian (AIANNH) Areas: In order to provide further analysis of voting patterns of Indigenous Americans, we used a spatial overlay technique that cross-referenced voter addresses with the U.S. Census Bureau TIGER/Line Shapefile, 2020, Nation, U.S., American Indian/Alaska Native/Native Hawaiian (AIANNH) Areas.

Additional Notes

Our analysis divides race into five categories: White, Black, Latino, AAPI, and Other. These racial groups are similar to those used in the Census data and self-reported race in the voter files. The major difference is that American Indian/Alaska Native and multi-racial individuals are included with Other. The groups categorized in Other jointly constitute less than 6.2% of records in the California voter file.

VOTER CHARACTERISTICS AND PATTERNS

Introduction

This section examines voter registration and participation across all California counties combined (statewide), non-Voter's Choice Act counties, and Voter's Choice Act counties. Our analysis is divided into five categories – 1) all voters by race and ethnicity, 2) AAPI voters by subethnicity, 3) AIAN-classified voters, 4) all voters by age categorization, and 5) voters by General language group. For these categories, we provide insight into the following:

- Number of registered voters
- Number of ballots cast
- Turnout rate
- Methods of participation

All BISG, AAPI subethnic, and AIAN estimates for registered voters were applied to the 2022 California General Election voter file extracted on January 24, 2023. Exact registration figures and estimates from the 2022 General Election are subject to change since the California voter file is constantly maintained as voters move and become deceased. Regardless of minor changes in the raw number of registered voters, all percent estimates should be correct within a tenth of a decimal point.

In the paragraphs for the subject tables below, we present findings for ‘*statewide*,’ which is all fifty-eight California counties aggregated; ‘*non-VCA*,’ which includes the thirty-one California counties that have not adopted the VCA voter model; and ‘*VCA (including Los Angeles)*,’ which represented the aggregated estimates across all twenty-seven VCA counties. We also include ‘*VCA (excluding Los Angeles)*,’ which includes the aggregated VCA totals that exclude Los Angeles County since it represents over 26% of the VCA registered voter count and can slightly skew observations.

Voters by Race and Ethnicity

Using self-reported data and BISG modeling, we analyzed the California electorate by race and ethnicity. We provide data on each of the fifty-eight California counties and group counties into categories of 'statewide,' non-VCA, VCA (including Los Angeles), and VCA (excluding Los Angeles).

As shown in Table 1 below, there were approximately 21.9 million registered voters during the 2022 General Election. Nearly 8.6 million, or 39.5%, of all California voters were estimated to be White. The second largest estimated group was Latinos, representing over 7.1 million, or 32.1%, of California's registered electorate. AAPI voters are estimated to be the third largest demographic in the state's registered electorate, making up nearly 3.7 million, or 17.0%. Voters estimated to be Black comprised 1.1 million, or 5.2%, of the state's registered voters. 'Other' voters, which include individuals estimated to be AIAN or multi-racial, were nearly 1.3 million, or 6.2%, of all registered voters.

Table 1 also shows that over 5.1 million registered voters lived in the thirty-one counties that have not adopted the VCA voting model, referred to below as non-VCA. Across the non-VCA counties, more than 2.2 million, or 42.8%, of voters were estimated to be White. Voters estimated to be Latino represented nearly 1.6 million, or 32.0%, of the non-VCA registered electorate. The third largest estimated demographic group was AAPI voters, who comprised over 662 thousand, or 12.8%, of non-VCA registered voters. Voters estimated to be Black were 273 thousand, or 5.3%, of the non-VCA electorate. All 'other' voters comprised nearly 400 thousand, or 7.1% of non-VCA registered voters.

VCA counties' totals are shown in Table 1 below. As of the 2022 General Election, there were nearly 16.7 million registered voters in VCA counties. The registered electorate in VCA counties was primarily comprised of voters estimated to be White, who made up over 6.4 million, or 38.4%. The second largest demographic in VCA counties were voters estimated to be Latino, with more than 5.4 million voters, or 32.2% of the electorate. Voters estimated as AAPI comprised over 3.0 million, or 18.3%, of all VCA registered voters. Black voters were estimated to comprise over 873 thousand, or 5.2%, of VCA registered voters. All 'other' voters accounted for the remaining 982 thousand, or 5.9%, of registered voters in VCA counties.

Table 1: Registered Voters by Race and Ethnicity³³

Jurisdiction	Total	White		Latino		AAPI		Black		Other	
Statewide	21,952,201	8,665,311	39.5%	7,057,357	32.1%	3,730,176	17.0%	1,147,219	5.2%	1,352,138	6.2%
Non-VCA	5,177,228	2,216,465	42.8%	1,655,244	32.0%	662,006	12.8%	273,657	5.3%	369,855	7.1%

³³ VCA counties listed in each table have an asterisk* next to them.

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Total	White		Latino		AAPI		Black		Other	
VCA (Including Los Angeles)	16,774,973	6,448,846	38.4%	5,402,113	32.2%	3,068,170	18.3%	873,562	5.2%	982,282	5.9%
VCA (Excluding Los Angeles)	11,166,854	4,865,950	43.6%	3,063,525	27.4%	2,186,974	19.6%	428,155	3.8%	622,251	5.6%
Alameda*	927,493	288,545	31.1%	147,389	15.9%	345,674	37.3%	89,305	9.6%	56,581	6.1%
Alpine	913	527	57.7%	33	3.6%	2	0.2%	7	0.8%	344	37.7%
Amador*	25,875	21,463	82.9%	2,219	8.6%	254	1.0%	158	0.6%	1,782	6.9%
Butte*	124,320	91,830	73.9%	15,825	12.7%	5,480	4.4%	1,819	1.5%	9,365	7.5%
Calaveras*	32,230	25,437	78.9%	2,910	9.0%	515	1.6%	230	0.7%	3,139	9.7%
Colusa	10,105	4,405	43.6%	5,044	49.9%	132	1.3%	76	0.7%	448	4.4%
Contra Costa	702,823	292,892	41.7%	130,370	18.5%	139,025	19.8%	54,403	7.7%	86,132	12.3%
Del Norte	14,884	10,169	68.3%	1,661	11.2%	340	2.3%	83	0.6%	2,632	17.7%
El Dorado*	138,843	109,046	78.5%	12,933	9.3%	6,495	4.7%	966	0.7%	9,403	6.8%
Fresno*	499,683	163,335	32.7%	234,662	47.0%	56,842	11.4%	21,400	4.3%	23,444	4.7%
Glenn	14,331	8,114	56.6%	4,884	34.1%	242	1.7%	68	0.5%	1,023	7.1%
Humboldt	85,070	64,214	75.5%	7,886	9.3%	1,737	2.0%	959	1.1%	10,274	12.1%
Imperial	86,891	7,727	8.9%	72,879	83.9%	904	1.0%	680	0.8%	4,700	5.4%
Inyo	10,682	7,521	70.4%	1,637	15.3%	160	1.5%	34	0.3%	1,330	12.5%
Kern	433,763	168,267	38.8%	202,669	46.7%	21,283	4.9%	20,620	4.8%	20,924	4.8%
Kings*	61,305	20,357	33.2%	32,317	52.7%	2,090	3.4%	2,223	3.6%	4,319	7.0%
Lake	36,987	26,678	72.1%	6,028	16.3%	448	1.2%	561	1.5%	3,272	8.8%
Lassen	14,642	11,483	78.4%	1,511	10.3%	159	1.1%	145	1.0%	1,345	9.2%
Los Angeles*	5,608,119	1,582,896	28.2%	2,338,588	41.7%	881,196	15.7%	445,407	7.9%	360,031	6.4%
Madera*	72,622	30,588	42.1%	34,858	48.0%	2,036	2.8%	1,209	1.7%	3,931	5.4%
Marin*	170,379	128,678	75.5%	17,949	10.5%	11,404	6.7%	2,645	1.6%	9,703	5.7%
Mariposa*	11,593	9,206	79.4%	1,067	9.2%	143	1.2%	66	0.6%	1,111	9.6%
Mendocino	52,550	37,211	70.8%	9,278	17.7%	825	1.6%	330	0.6%	4,906	9.3%
Merced*	124,907	35,790	28.7%	70,234	56.2%	10,008	8.0%	3,583	2.9%	5,291	4.2%
Modoc	5,209	4,218	81.0%	478	9.2%	42	0.8%	33	0.6%	439	8.4%
Mono	7,680	5,835	76.0%	1,223	15.9%	126	1.6%	40	0.5%	456	5.9%
Monterey	209,159	77,062	36.8%	104,280	49.9%	13,696	6.5%	3,832	1.8%	10,289	4.9%
Napa*	83,469	47,794	57.3%	23,208	27.8%	6,738	8.1%	1,413	1.7%	4,316	5.2%
Nevada*	74,309	63,733	85.8%	4,716	6.3%	836	1.1%	255	0.3%	4,769	6.4%
Orange*	1,822,728	760,537	41.7%	448,275	24.6%	508,974	27.9%	23,743	1.3%	81,199	4.5%
Placer	279,423	197,413	70.7%	30,433	10.9%	29,474	10.5%	4,152	1.5%	17,950	6.4%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Total	White		Latino		AAPI		Black		Other	
Plumas	13,749	11,742	85.4%	818	6.0%	111	0.8%	81	0.6%	997	7.3%
Riverside*	1,315,220	500,100	38.0%	577,729	43.9%	92,380	7.0%	81,533	6.2%	63,478	4.8%
Sacramento*	868,125	400,670	46.2%	160,500	18.5%	166,344	19.2%	77,505	8.9%	63,105	7.3%
San Benito*	37,617	13,100	34.8%	20,991	55.8%	1,525	4.1%	304	0.8%	1,697	4.5%
San Bernardino	1,142,517	338,554	29.6%	556,445	48.7%	97,742	8.6%	90,943	8.0%	58,833	5.1%
San Diego*	1,916,466	928,471	48.4%	552,861	28.8%	246,192	12.8%	74,765	3.9%	114,178	6.0%
San Francisco	497,115	193,933	39.0%	54,683	11.0%	200,959	40.4%	22,895	4.6%	24,644	5.0%
San Joaquin	386,441	121,192	31.4%	129,577	33.5%	70,572	18.3%	27,018	7.0%	38,082	9.9%
San Luis Obispo	181,796	132,172	72.7%	31,353	17.2%	5,263	2.9%	1,473	0.8%	11,534	6.3%
San Mateo*	433,233	173,292	40.0%	79,226	18.3%	152,366	35.2%	5,082	1.2%	23,267	5.4%
Santa Barbara	238,528	124,857	52.3%	85,127	35.7%	12,599	5.3%	3,166	1.3%	12,779	5.4%
Santa Clara*	1,012,318	284,137	28.1%	186,505	18.4%	479,190	47.3%	16,859	1.7%	45,627	4.5%
Santa Cruz*	168,009	109,547	65.2%	40,371	24.0%	6,713	4.0%	1,414	0.8%	9,963	5.9%
Shasta	111,359	90,346	81.1%	7,852	7.1%	2,662	2.4%	1,036	0.9%	9,463	8.5%
Sierra	2,212	1,860	84.1%	181	8.2%	6	0.3%	7	0.3%	158	7.1%
Siskiyou	28,611	22,251	77.8%	2,026	7.1%	631	2.2%	284	1.0%	3,419	11.9%
Solano	261,217	102,735	39.3%	56,813	21.7%	42,614	16.3%	35,608	13.6%	23,447	9.0%
Sonoma*	304,788	202,435	66.4%	53,689	17.6%	12,709	4.2%	4,002	1.3%	31,953	10.5%
Stanislaus*	281,556	114,638	40.7%	127,016	45.1%	18,391	6.5%	7,122	2.5%	14,389	5.1%
Sutter	53,004	25,206	47.6%	12,782	24.1%	10,445	19.7%	877	1.7%	3,693	7.0%
Tehama	37,161	26,876	72.3%	6,810	18.3%	373	1.0%	211	0.6%	2,891	7.8%
Trinity	7,283	6,003	82.4%	251	3.4%	258	3.5%	27	0.4%	745	10.2%
Tulare	209,829	70,913	33.8%	120,758	57.6%	6,391	3.0%	2,597	1.2%	9,170	4.4%
Tuolumne*	35,362	29,153	82.4%	2,981	8.4%	358	1.0%	133	0.4%	2,737	7.7%
Ventura*	505,994	255,915	50.6%	178,971	35.4%	38,409	7.6%	7,468	1.5%	25,231	5.0%
Yolo*	118,410	58,152	49.1%	34,123	28.8%	14,908	12.6%	2,952	2.5%	8,274	7.0%
Yuba	41,294	24,090	58.3%	9,473	22.9%	2,786	6.7%	1,409	3.4%	3,536	8.6%

Table 2 below shows that over 11 million voters across California participated in the 2022 General Election. Of those that cast a ballot, more than 5.5 million, or 50.3%, were estimated to be White. Voters estimated to be Latino accounted for nearly 2.5 million, or 23.0%, of the ballots cast statewide. AAPI estimated voters made up 1.7 million, or 15.9%, of the ballots cast in the General election. Voters estimated to be Black comprised 498 thousand, or 4.5%, of all participating voters. All ‘other’ voters made up the remaining 695 thousand, or 6.3%, of ballots cast statewide.

Table 2 below shows that nearly 2.6 million voters across non-VCA counties cast a ballot in the 2022 General Election. The largest demographic group in non-VCA counties is estimated to be White voters, who made up 1.4 million, or 53.7%, of participating voters. Voters estimated to be Latino made up 587 thousand, or 22.3%, of the ballots cast in non-VCA counties. AAPI estimated voters accounted for 321 thousand, or 12.2%, of the non-VCA ballots cast. In non-VCA counties, 116 thousand, or 4.4%, ballots were cast by voters estimated to be Black. All 'other' voters made up the final 192 thousand or 7.3% of ballots cast in non-VCA counties.

VCA counties' ballot totals are shown in Table 2 below. In the 2022 General Election, over 8.4 million ballots were cast in VCA counties. Participating voters in VCA counties were primarily comprised of voters estimated to be White, who accounted for nearly 4.1 million, or 49.2%, of ballots cast. The next largest demographic in VCA counties were voters estimated to be Latino, with nearly 1.9 million voters, or 23.2% of the ballots cast. Voters estimated as AAPI made up 1.4 million, or 17.1%, of all VCA participating voters. Black voters were estimated to make up 381 thousand, or 4.5%, of VCA ballots cast. All 'other' voters accounted for the remaining 503 thousand, or 6.0%, of ballots cast in VCA counties.

Table 2: Ballots Cast by Race and Ethnicity

Jurisdiction	Total	White		Latino		AAPI		Black		Other	
Statewide	11,069,817	5,568,889	50.3%	2,543,642	23.0%	1,763,143	15.9%	498,533	4.5%	695,610	6.3%
Non-VCA	2,631,946	1,413,575	53.7%	587,735	22.3%	321,529	12.2%	116,729	4.4%	192,377	7.3%
VCA (Including Los Angeles)	8,437,871	4,155,314	49.2%	1,955,907	23.2%	1,441,614	17.1%	381,804	4.5%	503,232	6.0%
VCA (Excluding Los Angeles)	5,998,777	3,206,392	53.5%	1,179,204	19.7%	1,064,214	17.7%	198,292	3.3%	350,676	5.8%
Alameda*	491,705	194,663	39.6%	61,254	12.5%	162,455	33.0%	41,308	8.4%	32,025	6.5%
Alpine	621	387	62.4%	18	2.9%	1	0.2%	2	0.3%	213	34.3%
Amador*	18,790	15,879	84.5%	1,410	7.5%	172	0.9%	114	0.6%	1,215	6.5%
Butte*	72,762	57,971	79.7%	6,632	9.1%	2,140	2.9%	850	1.2%	5,169	7.1%
Calaveras*	21,526	17,372	80.7%	1,653	7.7%	320	1.5%	140	0.6%	2,042	9.5%
Colusa	5,577	3,182	57.1%	2,001	35.9%	81	1.4%	46	0.8%	267	4.8%
Contra Costa	393,135	196,565	50.0%	55,323	14.1%	69,688	17.7%	25,360	6.5%	46,199	11.8%
Del Norte	8,294	6,034	72.7%	672	8.1%	134	1.6%	42	0.5%	1,413	17.0%
El Dorado*	89,474	72,774	81.3%	6,736	7.5%	3,517	3.9%	592	0.7%	5,855	6.5%
Fresno*	220,505	99,650	45.2%	81,453	36.9%	19,681	8.9%	8,147	3.7%	11,574	5.2%
Glenn	7,933	5,412	68.2%	1,860	23.4%	81	1.0%	39	0.5%	541	6.8%
Humboldt	48,423	38,423	79.3%	3,602	7.4%	758	1.6%	459	0.9%	5,182	10.7%
Imperial	30,073	4,576	15.2%	23,271	77.4%	370	1.2%	313	1.0%	1,542	5.1%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Total	White		Latino		AAPI		Black		Other	
Inyo	7,466	5,604	75.1%	906	12.1%	94	1.3%	22	0.3%	840	11.3%
Kern	188,830	96,972	51.4%	64,312	34.1%	9,771	5.2%	7,798	4.1%	9,977	5.3%
Kings*	26,903	11,770	43.8%	11,351	42.2%	904	3.4%	929	3.5%	1,949	7.2%
Lake	20,116	15,654	77.8%	2,340	11.6%	223	1.1%	274	1.4%	1,625	8.1%
Lassen	9,198	7,441	80.9%	797	8.7%	82	0.9%	79	0.9%	800	8.7%
Los Angeles*	2,439,094	948,923	38.9%	776,702	31.8%	377,400	15.5%	183,512	7.5%	152,557	6.3%
Madera*	37,105	20,236	54.5%	12,989	35.0%	986	2.7%	621	1.7%	2,273	6.1%
Marin*	120,696	95,249	78.9%	10,189	8.4%	7,115	5.9%	1,479	1.2%	6,665	5.5%
Mariposa*	7,891	6,451	81.8%	587	7.4%	83	1.1%	42	0.5%	728	9.2%
Mendocino	30,642	23,594	77.0%	3,793	12.4%	411	1.3%	183	0.6%	2,661	8.7%
Merced*	55,528	22,019	39.7%	25,219	45.4%	4,025	7.2%	1,641	3.0%	2,624	4.7%
Modoc	3,397	2,864	84.3%	224	6.6%	26	0.8%	19	0.6%	264	7.8%
Mono	4,574	3,724	81.4%	490	10.7%	77	1.7%	22	0.5%	260	5.7%
Monterey	102,664	52,440	51.1%	35,857	34.9%	6,625	6.5%	1,983	1.9%	5,759	5.6%
Napa*	50,793	33,806	66.6%	10,327	20.3%	3,270	6.4%	764	1.5%	2,627	5.2%
Nevada*	50,600	44,196	87.3%	2,679	5.3%	518	1.0%	158	0.3%	3,049	6.0%
Orange*	991,296	502,688	50.7%	174,462	17.6%	255,597	25.8%	12,138	1.2%	46,411	4.7%
Placer	183,397	136,976	74.7%	16,781	9.1%	15,992	8.7%	2,410	1.3%	11,239	6.1%
Plumas	8,654	7,600	87.8%	403	4.7%	52	0.6%	40	0.5%	559	6.5%
Riverside*	599,564	303,537	50.6%	191,534	31.9%	38,453	6.4%	35,850	6.0%	30,190	5.0%
Sacramento*	482,726	261,273	54.1%	73,566	15.2%	76,795	15.9%	36,093	7.5%	34,999	7.3%
San Benito*	19,726	8,644	43.8%	9,161	46.4%	787	4.0%	176	0.9%	959	4.9%
San Bernardino	455,006	186,172	40.9%	171,276	37.6%	38,474	8.5%	34,368	7.6%	24,716	5.4%
San Diego*	1,029,042	604,804	58.8%	209,522	20.4%	117,758	11.4%	34,181	3.3%	62,777	6.1%
San Francisco	305,341	138,122	45.2%	28,896	9.5%	111,969	36.7%	10,603	3.5%	15,750	5.2%
San Joaquin	177,406	73,426	41.4%	46,452	26.2%	28,606	16.1%	10,663	6.0%	18,260	10.3%
San Luis Obispo	120,230	93,560	77.8%	15,352	12.8%	3,071	2.6%	880	0.7%	7,366	6.1%
San Mateo*	251,297	120,431	47.9%	35,753	14.2%	78,473	31.2%	2,734	1.1%	13,905	5.5%
Santa Barbara	136,012	86,362	63.5%	34,065	25.0%	6,314	4.6%	1,776	1.3%	7,495	5.5%
Santa Clara*	549,731	192,102	34.9%	76,995	14.0%	245,395	44.6%	8,237	1.5%	27,003	4.9%
Santa Cruz*	104,998	76,316	72.7%	17,552	16.7%	4,005	3.8%	845	0.8%	6,279	6.0%
Shasta	68,697	57,600	83.8%	3,897	5.7%	1,127	1.6%	530	0.8%	5,543	8.1%
Sierra	1,579	1,342	85.0%	114	7.2%	4	0.2%	5	0.3%	114	7.2%
Siskiyou	17,604	14,362	81.6%	964	5.5%	192	1.1%	151	0.9%	1,935	11.0%
Solano	131,541	62,581	47.6%	22,402	17.0%	18,622	14.2%	16,338	12.4%	11,597	8.8%
Sonoma*	200,334	145,129	72.4%	24,629	12.3%	6,977	3.5%	2,229	1.1%	21,370	10.7%
Stanislaus*	131,314	67,458	51.4%	45,634	34.8%	7,243	5.5%	3,386	2.6%	7,592	5.8%

Jurisdiction	Total	White		Latino		AAPI		Black		Other	
Sutter	28,454	15,808	55.6%	5,088	17.9%	5,044	17.7%	432	1.5%	2,082	7.3%
Tehama	20,695	16,409	79.3%	2,427	11.7%	167	0.8%	98	0.5%	1,594	7.7%
Trinity	4,498	3,814	84.8%	141	3.1%	66	1.5%	19	0.4%	457	10.2%
Tulare	92,122	43,299	47.0%	40,750	44.2%	2,472	2.7%	1,197	1.3%	4,404	4.8%
Tuolumne*	23,383	19,684	84.2%	1,739	7.4%	224	1.0%	68	0.3%	1,667	7.1%
Ventura*	283,327	172,918	61.0%	71,673	25.3%	19,763	7.0%	4,078	1.4%	14,895	5.3%
Yolo*	67,761	39,373	58.1%	14,505	21.4%	7,557	11.2%	1,494	2.2%	4,832	7.1%
Yuba	19,767	13,271	67.1%	3,260	16.5%	933	4.7%	578	2.9%	1,724	8.7%

Table 3 below shows turnout rates for California statewide.³⁴ Across all fifty-eight California counties, voters had an overall turnout rate of 50.4%. Voters estimated to be White have the highest turnout rate among any racial/ethnic group, with 64.3% of voters participating in the 2022 General Election. Voters estimated to be Latino had a turnout rate of 36.0% – the lowest turnout rate of any group. Voters estimated to be AAPI had a turnout rate of 47.3% in the 2022 General Election. There was a 43.5% turnout rate among voters estimated to be Black. All ‘other’ voters had a turnout rate of 51.4% across the state.

Below in Table 3 are turnout rates for non-VCA counties. Across all thirty-one non-VCA counties, voters had an overall turnout rate of 50.8%. Voters estimated to be White have the highest turnout rate of any racial/ethnic group, with 63.8% of voters participating in the 2022 General Election. The lowest turnout rate of any group is among voters estimated to be Latino, with a turnout rate of 35.5%. Voters estimated to be AAPI had a turnout rate of 48.6% in the 2022 General Election. Among voters estimated as Black, there was a 42.7% turnout rate. All ‘other’ voters had a turnout rate of 52.0% in non-VCA counties.

In Table 3 are turnout rates for VCA counties. Across all twenty-seven VCA counties, voters had an overall turnout rate of 50.3%. Voters estimated to be White have the highest turnout rate among any racial/ethnic group, with 64.4% of voters participating in the 2022 General Election. Voters estimated to be Latino had a turnout rate of 36.2% – the lowest turnout rate of any group. Voters estimated to be AAPI had a turnout rate of 47.0% in the 2022 General Election. There was a 43.7% turnout rate among voters estimated to be Black. All ‘other’ voters had a turnout rate of 51.2% across VCA counties.

Table 3: Turnout by Race and Ethnicity

³⁴ Turnout is the measurement of voter participation in the election. It is calculated by dividing the number of ballots cast by the number of active registered voters for a group.

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Total	White	Latino	AAPI	Black	Other
Statewide	50.4%	64.3%	36.0%	47.3%	43.5%	51.4%
Non-VCA	50.8%	63.8%	35.5%	48.6%	42.7%	52.0%
VCA (Including Los Angeles)	50.3%	64.4%	36.2%	47.0%	43.7%	51.2%
VCA (Excluding Los Angeles)	53.7%	65.9%	38.5%	48.7%	46.3%	56.4%
Alameda*	53.0%	67.5%	41.6%	47.0%	46.3%	56.6%
Alpine	68.0%	73.5%	53.9%	61.9%	28.0%	61.9%
Amador*	72.6%	74.0%	63.6%	67.6%	72.2%	68.2%
Butte*	58.5%	63.1%	41.9%	39.0%	46.7%	55.2%
Calaveras*	66.8%	68.3%	56.8%	62.1%	60.8%	65.1%
Colusa	55.2%	72.2%	39.7%	61.4%	61.2%	59.5%
Contra Costa	55.9%	67.1%	42.4%	50.1%	46.6%	53.6%
Del Norte	55.7%	59.3%	40.4%	39.4%	51.0%	53.7%
El Dorado*	64.4%	66.7%	52.1%	54.2%	61.2%	62.3%
Fresno*	44.1%	61.0%	34.7%	34.6%	38.1%	49.4%
Glenn	55.4%	66.7%	38.1%	33.6%	57.1%	52.8%
Humboldt	56.9%	59.8%	45.7%	43.6%	47.8%	50.4%
Imperial	34.6%	59.2%	31.9%	41.0%	46.1%	32.8%
Inyo	69.9%	74.5%	55.4%	59.0%	63.6%	63.2%
Kern	43.5%	57.6%	31.7%	45.9%	37.8%	47.7%
Kings*	43.9%	57.8%	35.1%	43.2%	41.8%	45.1%
Lake	54.4%	58.7%	38.8%	49.7%	48.9%	49.7%
Lassen	62.8%	64.8%	52.8%	51.4%	54.2%	59.5%
Los Angeles*	43.5%	59.9%	33.2%	42.8%	41.2%	42.4%
Madera*	51.1%	66.2%	37.3%	48.5%	51.4%	57.8%
Marin*	70.8%	74.0%	56.8%	62.4%	55.9%	68.7%
Mariposa*	68.1%	70.1%	55.0%	58.1%	63.0%	65.5%
Mendocino	58.3%	63.4%	40.9%	49.8%	55.6%	54.2%
Merced*	44.5%	61.5%	35.9%	40.2%	45.8%	49.6%
Modoc	65.2%	67.9%	46.9%	61.7%	58.1%	60.1%
Mono	59.6%	63.8%	40.1%	61.6%	55.4%	57.0%
Monterey	49.1%	68.0%	34.4%	48.4%	51.8%	56.0%

Jurisdiction	Total	White	Latino	AAPI	Black	Other
Napa*	60.9%	70.7%	44.5%	48.5%	54.0%	60.9%
Nevada*	68.1%	69.3%	56.8%	61.9%	62.0%	63.9%
Orange*	54.4%	66.1%	38.9%	50.2%	51.1%	57.2%
Placer	65.6%	69.4%	55.1%	54.3%	58.0%	62.6%
Plumas	62.9%	64.7%	49.2%	46.6%	49.7%	56.1%
Riverside*	45.6%	60.7%	33.2%	41.6%	44.0%	47.6%
Sacramento*	55.6%	65.2%	45.8%	46.2%	46.6%	55.5%
San Benito*	52.4%	66.0%	43.6%	51.6%	57.8%	56.5%
San Bernardino	39.8%	55.0%	30.8%	39.4%	37.8%	42.0%
San Diego*	53.7%	65.1%	37.9%	47.8%	45.7%	55.0%
San Francisco	61.4%	71.2%	52.8%	55.7%	46.3%	63.9%
San Joaquin	45.9%	60.6%	35.8%	40.5%	39.5%	47.9%
San Luis Obispo	66.1%	70.8%	49.0%	58.4%	59.8%	63.9%
San Mateo*	58.0%	69.5%	45.1%	51.5%	53.8%	59.8%
Santa Barbara	57.0%	69.2%	40.0%	50.1%	56.1%	58.7%
Santa Clara*	54.3%	67.6%	41.3%	51.2%	48.9%	59.2%
Santa Cruz*	62.5%	69.7%	43.5%	59.7%	59.7%	63.0%
Shasta	61.7%	63.8%	49.6%	42.3%	51.2%	58.6%
Sierra	71.4%	72.1%	63.3%	55.0%	69.1%	72.5%
Siskiyou	61.5%	64.5%	47.6%	30.5%	53.0%	56.6%
Solano	50.4%	60.9%	39.4%	43.7%	45.9%	49.5%
Sonoma*	65.7%	71.7%	45.9%	54.9%	55.7%	66.9%
Stanislaus*	46.6%	58.8%	35.9%	39.4%	47.5%	52.8%
Sutter	53.7%	62.7%	39.8%	48.3%	49.2%	56.4%
Tehama	55.7%	61.1%	35.6%	44.8%	46.6%	55.1%
Trinity	61.8%	63.5%	56.3%	25.7%	70.8%	61.4%
Tulare	43.9%	61.1%	33.7%	38.7%	46.1%	48.0%
Tuolumne*	66.1%	67.5%	58.3%	62.6%	51.6%	60.9%
Ventura*	56.0%	67.6%	40.0%	51.5%	54.6%	59.0%
Yolo*	57.2%	67.7%	42.5%	50.7%	50.6%	58.4%
Yuba	47.9%	55.1%	34.4%	33.5%	41.0%	48.8%

Table 4 below shows the voting methods used by each racial and ethnic group during the 2022 General Election. Below the table shows that vote-by-mail was the overall preferred method of voting for statewide

voters (9.7 million or 88.1%) and preferred by White (4.9 million or 89.0%), Black (430 thousand or 86.4%), Latino (2.1 million or 85.2%), AAPI (1.5 million or 90.3%), and all 'other' voters (610 thousand or 87.7%). The following most utilized method was voting in person at a vote center, with 1.05 million or 9.6% of voters using the method statewide. Vote centers were commonly used by White (477 thousand or 8.6%), Black (55 thousand or 11.2%), Latino (319 thousand or 12.6%), AAPI (141 thousand or 8.0%), and all 'other' voters (65 thousand or 9.4%). In-person voting at a polling place and casting a nonprovisional CVR and provisional CVR were utilized at much lower rates than vote-by-mail and vote centers. Approximately 209 thousand, or 1.9%, statewide ballots were cast in a polling place. Only 6,175 ballots were cast via a non-provisional CVR ballot. The remaining 41 thousand, or 0.4%, statewide votes were cast using a CVR ballot.

In Table 4 below, we see that vote-by-mail was the overall preferred method of voting for non-VCA voters with an approximately (2.3 million or 89.5%). The preferred method by White voters was also the vote-by-mail method with approximately (1.2 million or 89.7%), Black (102 thousand or 88.2%), Latino (517 thousand or 88.0%), AAPI (295 thousand or 92.0%), and all 'other' voters (170 thousand or 88.7%) across non-VCA counties. The next most utilized method was voting in person at a polling place, with 209 thousand, or 7.9%, of voters using the method in non-VCA. Polling places were commonly used by White (116 thousand or 8.2%), Black (9 thousand or 8.1%), Latino (44 thousand or 7.5%), AAPI (21 thousand or 6.7%), and all 'other' voters (17 thousand or 9.1%) across non-VCA counties. In-person voting at a vote center and casting a nonprovisional CVR and provisional CVR were utilized at much lower rates than vote-by-mail and polling places. Approximately 4.5 thousand, or 0.2%, statewide ballots were cast using a CVR ballot. Only 63,702 ballots were cast via a non-provisional CVR ballot and vote center.

Table 4 also shows that vote-by-mail was the most selected method of voting for VCA voters (7.3 million or 87.7%) and preferred by White (3.6 million or 88.7%), Black (327 thousand or 85.9%), Latino (1.6 million or 84.3%), AAPI (1.2 million or 89.9%), and all 'other' voters (439 thousand or 87.3%) across VCA counties. Casting a ballot at a vote center was the following most utilized method, with 997 thousand, or 11.8%, of voters using the method. Vote centers were commonly used by White (451 thousand or 10.9%), Black (51 thousand or 13.6%), Latino (295 thousand or 15.1%), AAPI (137 thousand or 9.5%), and all 'other' voters (61 thousand or 12.2%) across VCA counties. In-person voting at a polling place and casting a nonprovisional CVR and provisional CVR were utilized at much lower rates than vote-by-mail and vote centers. Approximately 36 thousand, or 0.4%, statewide ballots were cast using a CVR ballot. Only 4,117 ballots were cast via a non-provisional CVR ballot. No ballots were cast using the polling place method.

Table 4: Voting Methods by Race and Ethnicity³⁵

³⁵ Definitions for voting methods: **Vote by Mail** – return ballot by mail; **Vote Center** – physical locations that offer ballot drop off, replacement ballots, accessible voting machines, in-person voting, and same day voter registration; **Provisional** - ballots cast by voters who believe they are registered to vote even though their names are not on the official voter registration list at the polling place, or instead want to vote at their polling place or a vote center, but they did not receive their mail ballot or do not have their ballot with them; and, **Polling Place** - the location of the election day polling place is provided in the county Voter Information Guide mailed by county elections officials. **CVR** - an affidavit of registration submitted at the county elections office during the fourteen days before an election or on election day. The voter is then conditionally registered to vote

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
Statewide	Total	9,754,368	88.1%	1,058,771	9.6%	209,172	1.9%	6,175	0.1%	41,331	0.4%
	White	4,955,133	89.0%	477,114	8.6%	116,564	2.1%	2,758	0.0%	17,320	0.3%
	Black	430,727	86.4%	55,811	11.2%	9,435	1.9%	232	0.0%	2,327	0.5%
	Latino	2,166,006	85.2%	319,656	12.6%	44,054	1.7%	2,293	0.1%	11,634	0.5%
	AAPI	1,592,400	90.3%	141,117	8.0%	21,559	1.2%	415	0.0%	7,651	0.4%
	Other	610,101	87.7%	65,072	9.4%	17,560	2.5%	477	0.1%	2,399	0.3%
Non-VCA	Total	2,354,563	89.5%	61,644	2.3%	209,172	7.9%	2,058	0.1%	4,509	0.2%
	White	1,268,195	89.7%	25,978	1.8%	116,564	8.2%	669	0.0%	2,168	0.2%
	Black	102,946	88.2%	4,035	3.5%	9,435	8.1%	117	0.1%	197	0.2%
	Latino	517,134	88.0%	24,416	4.2%	44,054	7.5%	915	0.2%	1,216	0.2%
	AAPI	295,740	92.0%	3,454	1.1%	21,559	6.7%	170	0.1%	605	0.2%
	Other	170,548	88.7%	3,762	2.0%	17,560	9.1%	186	0.1%	322	0.2%
VCA (Including Los Angeles)	Total	7,399,805	87.7%	997,127	11.8%	0	0.0%	4,117	0.0%	36,822	0.4%
	White	3,686,938	88.7%	451,136	10.9%	0	0.0%	2,088	0.1%	15,152	0.4%
	Black	327,781	85.9%	51,777	13.6%	0	0.0%	115	0.0%	2,130	0.6%
	Latino	1,648,872	84.3%	295,240	15.1%	0	0.0%	1,378	0.1%	10,417	0.5%
	AAPI	1,296,660	89.9%	137,663	9.5%	0	0.0%	245	0.0%	7,046	0.5%
	Other	439,554	87.3%	61,310	12.2%	0	0.0%	291	0.1%	2,077	0.4%
VCA (Excluding Los Angeles)	Total	5,433,826	90.6%	537,746	9.0%	0	0.0%	4,117	0.1%	23,088	0.4%
	White	2,913,459	90.9%	281,038	8.8%	0	0.0%	2,088	0.1%	9,807	0.3%
	Black	180,126	90.8%	16,976	8.6%	0	0.0%	115	0.1%	1,074	0.5%
	Latino	1,046,843	88.8%	124,940	10.6%	0	0.0%	1,378	0.1%	6,044	0.5%
	AAPI	976,141	91.7%	82,991	7.8%	0	0.0%	245	0.0%	4,837	0.5%
	Other	317,257	90.5%	31,801	9.1%	0	0.0%	291	0.1%	1,327	0.4%
Alameda*	Total	455,430	92.6%	33,273	6.8%	0	0.0%	0	0.0%	3,002	0.6%
	White	181,591	93.3%	12,105	6.2%	0	0.0%	0	0.0%	967	0.5%
	Black	37,731	91.3%	3,295	8.0%	0	0.0%	0	0.0%	282	0.7%
	Latino	55,518	90.6%	5,161	8.4%	0	0.0%	0	0.0%	575	0.9%
	AAPI	150,974	92.9%	10,492	6.5%	0	0.0%	0	0.0%	989	0.6%
	Other	29,616	92.5%	2,221	6.9%	0	0.0%	0	0.0%	189	0.6%
Alpine	Total	621	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

and given a CVR provisional ballot. Once the county elections office processes the affidavit of registration, determines the individual's eligibility to register, and validates the individual's information, the registration becomes permanent, and the CVR provisional ballot will be counted.

³⁶ The number of ballots cast at polling places varies between VCA and non-VCA counties, as polling places have been largely removed from VCA counties. However, in VCA counties, county election offices can serve as a 'polling place' for voters to drop off ballots.

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
	White	387	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Black	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Latino	18	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	AAPI	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	213	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Amador*	Total	17,608	93.7%	1,067	5.7%	0	0.0%	112	0.6%	3	0.0%
	White	14,917	93.9%	870	5.5%	0	0.0%	89	0.6%	2	0.0%
	Black	102	89.7%	9	8.1%	0	0.0%	3	2.3%	0	0.0%
	Latino	1,302	92.3%	99	7.0%	0	0.0%	8	0.6%	1	0.1%
	AAPI	165	96.0%	7	4.0%	0	0.0%	0	0.1%	0	0.0%
	Other	1,122	92.3%	82	6.7%	0	0.0%	12	1.0%	0	0.0%
Butte*	Total	72,178	99.2%	411	0.6%	0	0.0%	0	0.0%	173	0.2%
	White	57,587	99.3%	271	0.5%	0	0.0%	0	0.0%	112	0.2%
	Black	838	98.6%	8	1.0%	0	0.0%	0	0.0%	4	0.5%
	Latino	6,511	98.2%	84	1.3%	0	0.0%	0	0.0%	37	0.6%
	AAPI	2,113	98.8%	16	0.8%	0	0.0%	0	0.0%	10	0.5%
	Other	5,128	99.2%	31	0.6%	0	0.0%	0	0.0%	10	0.2%
Calaveras*	Total	19,327	89.8%	2,065	9.6%	0	0.0%	131	0.6%	3	0.0%
	White	15,626	90.0%	1,642	9.5%	0	0.0%	100	0.6%	3	0.0%
	Black	127	90.9%	12	8.8%	0	0.0%	0	0.3%	0	0.0%
	Latino	1,445	87.4%	195	11.8%	0	0.0%	13	0.8%	0	0.0%
	AAPI	293	91.7%	22	6.9%	0	0.0%	4	1.3%	0	0.0%
	Other	1,835	89.9%	193	9.5%	0	0.0%	13	0.6%	0	0.0%
Colusa	Total	5,053	90.6%	0	0.0%	510	9.1%	0	0.0%	14	0.3%
	White	2,898	91.1%	0	0.0%	278	8.7%	0	0.0%	7	0.2%
	Black	42	90.5%	0	0.0%	4	9.5%	0	0.0%	0	0.0%
	Latino	1,798	89.9%	0	0.0%	197	9.8%	0	0.0%	6	0.3%
	AAPI	76	94.6%	0	0.0%	4	5.4%	0	0.0%	0	0.0%
	Other	239	89.5%	0	0.0%	27	10.1%	0	0.0%	1	0.4%
Contra Costa	Total	358,008	91.1%	0	0.0%	34,520	8.8%	0	0.0%	607	0.2%
	White	179,222	91.2%	0	0.0%	17,101	8.7%	0	0.0%	242	0.1%
	Black	22,721	89.6%	0	0.0%	2,596	10.2%	0	0.0%	43	0.2%
	Latino	49,426	89.3%	0	0.0%	5,739	10.4%	0	0.0%	157	0.3%
	AAPI	64,867	93.1%	0	0.0%	4,708	6.8%	0	0.0%	113	0.2%
	Other	41,772	90.4%	0	0.0%	4,375	9.5%	0	0.0%	51	0.1%
Del Norte	Total	7,212	87.0%	0	0.0%	1,061	12.8%	0	0.0%	21	0.3%
	White	5,288	87.6%	0	0.0%	732	12.1%	0	0.0%	14	0.2%
	Black	37	87.8%	0	0.0%	5	11.5%	0	0.0%	0	0.7%
	Latino	574	85.5%	0	0.0%	95	14.1%	0	0.0%	3	0.4%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	AAPI	119	89.3%	0	0.0%	14	10.6%	0	0.0%	0	0.1%
	Other	1,194	84.5%	0	0.0%	215	15.2%	0	0.0%	4	0.3%
El Dorado*	Total	83,264	93.1%	5,850	6.5%	0	0.0%	237	0.3%	123	0.1%
	White	67,877	93.3%	4,628	6.4%	0	0.0%	181	0.2%	87	0.1%
	Black	548	92.7%	40	6.7%	0	0.0%	3	0.5%	1	0.1%
	Latino	6,199	92.0%	495	7.3%	0	0.0%	26	0.4%	16	0.2%
	AAPI	3,229	91.8%	269	7.7%	0	0.0%	8	0.2%	12	0.3%
	Other	5,411	92.4%	418	7.1%	0	0.0%	19	0.3%	7	0.1%
Fresno*	Total	192,589	87.3%	26,012	11.8%	0	0.0%	1,508	0.7%	396	0.2%
	White	87,442	87.7%	11,544	11.6%	0	0.0%	547	0.5%	117	0.1%
	Black	7,174	88.1%	889	10.9%	0	0.0%	70	0.9%	14	0.2%
	Latino	70,055	86.0%	10,516	12.9%	0	0.0%	682	0.8%	199	0.2%
	AAPI	17,915	91.0%	1,610	8.2%	0	0.0%	116	0.6%	40	0.2%
	Other	10,004	86.4%	1,453	12.6%	0	0.0%	92	0.8%	26	0.2%
Glenn	Total	7,527	94.9%	0	0.0%	392	4.9%	0	0.0%	14	0.2%
	White	5,156	95.3%	0	0.0%	251	4.6%	0	0.0%	6	0.1%
	Black	36	92.6%	0	0.0%	3	6.5%	0	0.0%	0	0.9%
	Latino	1,751	94.1%	0	0.0%	105	5.6%	0	0.0%	4	0.2%
	AAPI	75	91.9%	0	0.0%	7	8.0%	0	0.0%	0	0.1%
	Other	510	94.3%	0	0.0%	28	5.1%	0	0.0%	4	0.6%
Humboldt	Total	42,759	88.3%	0	0.0%	5,570	11.5%	0	0.0%	94	0.2%
	White	34,114	88.8%	0	0.0%	4,238	11.0%	0	0.0%	71	0.2%
	Black	398	86.9%	0	0.0%	59	12.8%	0	0.0%	2	0.3%
	Latino	3,098	86.0%	0	0.0%	497	13.8%	0	0.0%	7	0.2%
	AAPI	682	90.1%	0	0.0%	74	9.8%	0	0.0%	1	0.2%
	Other	4,466	86.2%	0	0.0%	702	13.5%	0	0.0%	14	0.3%
Imperial	Total	28,211	93.8%	0	0.0%	1,805	6.0%	0	0.0%	57	0.2%
	White	4,341	94.9%	0	0.0%	229	5.0%	0	0.0%	6	0.1%
	Black	289	92.3%	0	0.0%	23	7.4%	0	0.0%	1	0.3%
	Latino	21,780	93.6%	0	0.0%	1,442	6.2%	0	0.0%	48	0.2%
	AAPI	352	95.2%	0	0.0%	17	4.6%	0	0.0%	1	0.3%
	Other	1,449	93.9%	0	0.0%	93	6.0%	0	0.0%	0	0.0%
Inyo	Total	6,585	88.2%	0	0.0%	868	11.6%	0	0.0%	13	0.2%
	White	4,982	88.9%	0	0.0%	613	10.9%	0	0.0%	9	0.2%
	Black	19	88.3%	0	0.0%	3	11.7%	0	0.0%	0	0.0%
	Latino	778	85.9%	0	0.0%	125	13.8%	0	0.0%	3	0.3%
	AAPI	87	91.8%	0	0.0%	7	7.1%	0	0.0%	1	1.1%
	Other	719	85.5%	0	0.0%	121	14.4%	0	0.0%	0	0.0%
Kern	Total	166,911	88.4%	0	0.0%	21,590	11.4%	0	0.0%	329	0.2%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	85,181	87.8%	0	0.0%	11,679	12.0%	0	0.0%	112	0.1%
	Black	6,898	88.5%	0	0.0%	886	11.4%	0	0.0%	14	0.2%
	Latino	57,058	88.7%	0	0.0%	7,098	11.0%	0	0.0%	156	0.2%
	AAPI	9,030	92.4%	0	0.0%	705	7.2%	0	0.0%	36	0.4%
	Other	8,743	87.6%	0	0.0%	1,222	12.2%	0	0.0%	12	0.1%
Kings*	Total	24,421	90.8%	2,408	9.0%	0	0.0%	0	0.0%	74	0.3%
	White	10,773	91.5%	978	8.3%	0	0.0%	0	0.0%	20	0.2%
	Black	836	90.0%	91	9.8%	0	0.0%	0	0.0%	2	0.2%
	Latino	10,246	90.3%	1,057	9.3%	0	0.0%	0	0.0%	47	0.4%
	AAPI	812	89.8%	90	10.0%	0	0.0%	0	0.0%	2	0.2%
Lake	Other	1,755	90.0%	191	9.8%	0	0.0%	0	0.0%	3	0.2%
	Total	17,818	88.6%	0	0.0%	2,260	11.2%	0	0.0%	38	0.2%
	White	13,903	88.8%	0	0.0%	1,722	11.0%	0	0.0%	29	0.2%
	Black	247	89.9%	0	0.0%	27	9.9%	0	0.0%	0	0.2%
	Latino	2,033	86.9%	0	0.0%	303	12.9%	0	0.0%	4	0.2%
	AAPI	207	92.8%	0	0.0%	16	7.0%	0	0.0%	0	0.2%
Lassen	Other	1,430	88.0%	0	0.0%	192	11.8%	0	0.0%	3	0.2%
	Total	8,917	96.9%	0	0.0%	281	3.1%	0	0.0%	0	0.0%
	White	7,207	96.9%	0	0.0%	234	3.1%	0	0.0%	0	0.0%
	Black	78	98.8%	0	0.0%	1	1.2%	0	0.0%	0	0.0%
	Latino	775	97.2%	0	0.0%	22	2.8%	0	0.0%	0	0.0%
	AAPI	78	95.9%	0	0.0%	3	4.1%	0	0.0%	0	0.0%
Los Angeles*	Other	779	97.4%	0	0.0%	21	2.6%	0	0.0%	0	0.0%
	Total	1,965,979	80.6%	459,381	18.8%	0	0.0%	0	0.0%	13,734	0.6%
	White	773,480	81.5%	170,098	17.9%	0	0.0%	0	0.0%	5,345	0.6%
	Black	147,655	80.5%	34,801	19.0%	0	0.0%	0	0.0%	1,056	0.6%
	Latino	602,029	77.5%	170,300	21.9%	0	0.0%	0	0.0%	4,373	0.6%
	AAPI	320,519	84.9%	54,672	14.5%	0	0.0%	0	0.0%	2,209	0.6%
Madera*	Other	122,297	80.2%	29,509	19.3%	0	0.0%	0	0.0%	751	0.5%
	Total	33,869	91.3%	3,062	8.3%	0	0.0%	73	0.2%	101	0.3%
	White	18,531	91.6%	1,632	8.1%	0	0.0%	39	0.2%	34	0.2%
	Black	579	93.3%	41	6.6%	0	0.0%	0	0.0%	1	0.1%
	Latino	11,782	90.7%	1,123	8.6%	0	0.0%	25	0.2%	59	0.5%
	AAPI	911	92.3%	70	7.1%	0	0.0%	2	0.2%	4	0.4%
Marin*	Other	2,066	90.9%	196	8.6%	0	0.0%	6	0.3%	4	0.2%
	Total	112,406	93.1%	8,008	6.6%	0	0.0%	0	0.0%	282	0.2%
	White	88,780	93.2%	6,276	6.6%	0	0.0%	0	0.0%	193	0.2%
	Black	1,330	89.9%	141	9.6%	0	0.0%	0	0.0%	8	0.5%
	Latino	9,356	91.8%	787	7.7%	0	0.0%	0	0.0%	45	0.4%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	AAPI	6,746	94.8%	351	4.9%	0	0.0%	0	0.0%	18	0.2%
	Other	6,194	92.9%	453	6.8%	0	0.0%	0	0.0%	18	0.3%
Mariposa*	Total	7,869	99.7%	7	0.1%	0	0.0%	1	0.0%	14	0.2%
	White	6,434	99.7%	5	0.1%	0	0.0%	0	0.0%	12	0.2%
	Black	41	99.8%	0	0.1%	0	0.0%	0	0.0%	0	0.1%
	Latino	585	99.6%	1	0.2%	0	0.0%	1	0.1%	1	0.1%
	AAPI	83	99.9%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	726	99.7%	1	0.1%	0	0.0%	0	0.0%	1	0.2%
Mendocino	Total	29,573	96.5%	0	0.0%	1,028	3.4%	0	0.0%	41	0.1%
	White	22,833	96.8%	0	0.0%	735	3.1%	0	0.0%	26	0.1%
	Black	175	95.3%	0	0.0%	7	3.8%	0	0.0%	2	0.8%
	Latino	3,622	95.5%	0	0.0%	163	4.3%	0	0.0%	8	0.2%
	AAPI	405	98.7%	0	0.0%	5	1.3%	0	0.0%	0	0.0%
	Other	2,538	95.4%	0	0.0%	118	4.4%	0	0.0%	6	0.2%
Merced*	Total	50,635	91.2%	4,781	8.6%	0	0.0%	0	0.0%	112	0.2%
	White	20,223	91.8%	1,774	8.1%	0	0.0%	0	0.0%	22	0.1%
	Black	1,508	91.9%	126	7.7%	0	0.0%	0	0.0%	7	0.4%
	Latino	22,717	90.1%	2,431	9.6%	0	0.0%	0	0.0%	72	0.3%
	AAPI	3,806	94.6%	213	5.3%	0	0.0%	0	0.0%	6	0.2%
	Other	2,382	90.8%	238	9.1%	0	0.0%	0	0.0%	5	0.2%
Modoc	Total	3,132	92.2%	0	0.0%	261	7.7%	0	0.0%	4	0.1%
	White	2,641	92.2%	0	0.0%	220	7.7%	0	0.0%	4	0.1%
	Black	18	94.4%	0	0.0%	1	5.6%	0	0.0%	0	0.0%
	Latino	203	90.6%	0	0.0%	21	9.3%	0	0.0%	0	0.0%
	AAPI	24	93.8%	0	0.0%	2	6.2%	0	0.0%	0	0.0%
	Other	246	93.2%	0	0.0%	18	6.7%	0	0.0%	0	0.0%
Mono	Total	3,976	86.9%	0	0.0%	579	12.7%	0	0.0%	19	0.4%
	White	3,251	87.3%	0	0.0%	459	12.3%	0	0.0%	15	0.4%
	Black	20	92.6%	0	0.0%	2	7.4%	0	0.0%	0	0.0%
	Latino	402	82.0%	0	0.0%	85	17.3%	0	0.0%	3	0.7%
	AAPI	74	95.5%	0	0.0%	3	4.3%	0	0.0%	0	0.2%
	Other	229	87.8%	0	0.0%	31	11.8%	0	0.0%	1	0.3%
Monterey	Total	96,516	94.0%	0	0.0%	5,914	5.8%	0	0.0%	234	0.2%
	White	49,669	94.7%	0	0.0%	2,662	5.1%	0	0.0%	109	0.2%
	Black	1,852	93.4%	0	0.0%	123	6.2%	0	0.0%	8	0.4%
	Latino	33,268	92.8%	0	0.0%	2,508	7.0%	0	0.0%	81	0.2%
	AAPI	6,313	95.3%	0	0.0%	290	4.4%	0	0.0%	22	0.3%
	Other	5,413	94.0%	0	0.0%	331	5.7%	0	0.0%	14	0.2%
Napa*	Total	49,028	96.5%	1,496	2.9%	0	0.0%	67	0.1%	202	0.4%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
	White	32,804	97.0%	842	2.5%	0	0.0%	39	0.1%	121	0.4%
	Black	719	94.1%	39	5.2%	0	0.0%	0	0.0%	5	0.7%
	Latino	9,893	95.8%	374	3.6%	0	0.0%	20	0.2%	40	0.4%
	AAPI	3,097	94.7%	142	4.4%	0	0.0%	6	0.2%	24	0.7%
	Other	2,515	95.8%	98	3.7%	0	0.0%	2	0.1%	12	0.4%
Nevada*	Total	46,895	92.7%	3,399	6.7%	0	0.0%	0	0.0%	306	0.6%
	White	41,024	92.8%	2,912	6.6%	0	0.0%	0	0.0%	259	0.6%
	Black	148	93.8%	9	5.8%	0	0.0%	0	0.0%	1	0.3%
	Latino	2,436	90.9%	223	8.3%	0	0.0%	0	0.0%	21	0.8%
	AAPI	478	92.2%	34	6.6%	0	0.0%	0	0.0%	6	1.1%
Orange*	Total	829,198	83.6%	158,008	15.9%	0	0.0%	0	0.0%	4,090	0.4%
	White	414,875	82.5%	86,094	17.1%	0	0.0%	0	0.0%	1,719	0.3%
	Black	10,047	82.8%	2,025	16.7%	0	0.0%	0	0.0%	66	0.5%
	Latino	142,600	81.7%	30,886	17.7%	0	0.0%	0	0.0%	976	0.6%
	AAPI	223,518	87.4%	30,958	12.1%	0	0.0%	0	0.0%	1,120	0.4%
	Other	38,158	82.2%	8,045	17.3%	0	0.0%	0	0.0%	207	0.4%
Placer	Total	166,149	90.6%	0	0.0%	16,991	9.3%	0	0.0%	257	0.1%
	White	124,149	90.6%	0	0.0%	12,657	9.2%	0	0.0%	170	0.1%
	Black	2,183	90.6%	0	0.0%	223	9.2%	0	0.0%	4	0.2%
	Latino	14,988	89.3%	0	0.0%	1,760	10.5%	0	0.0%	32	0.2%
	AAPI	14,739	92.2%	0	0.0%	1,226	7.7%	0	0.0%	27	0.2%
	Other	10,090	89.8%	0	0.0%	1,125	10.0%	0	0.0%	24	0.2%
Plumas	Total	8,648	99.9%	0	0.0%	0	0.0%	0	0.0%	6	0.1%
	White	7,595	99.9%	0	0.0%	0	0.0%	0	0.0%	5	0.1%
	Black	40	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Latino	403	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	AAPI	52	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	559	99.9%	0	0.0%	0	0.0%	0	0.0%	1	0.1%
Riverside*	Total	541,610	90.3%	54,267	9.1%	0	0.0%	0	0.0%	3,687	0.6%
	White	275,626	90.8%	26,364	8.7%	0	0.0%	0	0.0%	1,547	0.5%
	Black	32,666	91.1%	2,965	8.3%	0	0.0%	0	0.0%	218	0.6%
	Latino	170,836	89.2%	19,233	10.0%	0	0.0%	0	0.0%	1,466	0.8%
	AAPI	35,434	92.1%	2,764	7.2%	0	0.0%	0	0.0%	255	0.7%
	Other	27,047	89.6%	2,941	9.7%	0	0.0%	0	0.0%	202	0.7%
Sacramento*	Total	455,321	94.3%	24,815	5.1%	0	0.0%	0	0.0%	2,590	0.5%
	White	246,708	94.4%	13,456	5.2%	0	0.0%	0	0.0%	1,108	0.4%
	Black	33,886	93.9%	1,972	5.5%	0	0.0%	0	0.0%	235	0.7%
	Latino	68,726	93.4%	4,253	5.8%	0	0.0%	0	0.0%	587	0.8%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	AAPI	73,153	95.3%	3,183	4.1%	0	0.0%	0	0.0%	459	0.6%
	Other	32,848	93.9%	1,951	5.6%	0	0.0%	0	0.0%	200	0.6%
San Benito*	Total	18,111	91.8%	1,508	7.6%	0	0.0%	105	0.5%	2	0.0%
	White	7,954	92.0%	658	7.6%	0	0.0%	32	0.4%	0	0.0%
	Black	162	91.8%	14	7.9%	0	0.0%	1	0.3%	0	0.0%
	Latino	8,392	91.6%	710	7.8%	0	0.0%	57	0.6%	2	0.0%
	AAPI	727	92.5%	51	6.5%	0	0.0%	8	1.0%	0	0.0%
	Other	877	91.4%	75	7.8%	0	0.0%	8	0.8%	0	0.0%
San Bernardino	Total	391,865	86.1%	61,644	13.5%	0	0.0%	1,497	0.3%	0	0.0%
	White	159,727	85.8%	25,978	14.0%	0	0.0%	467	0.3%	0	0.0%
	Black	30,222	87.9%	4,035	11.7%	0	0.0%	111	0.3%	0	0.0%
	Latino	146,232	85.4%	24,416	14.3%	0	0.0%	628	0.4%	0	0.0%
	AAPI	34,874	90.6%	3,454	9.0%	0	0.0%	147	0.4%	0	0.0%
	Other	20,810	84.2%	3,762	15.2%	0	0.0%	145	0.6%	0	0.0%
San Diego*	Total	933,279	90.7%	92,967	9.0%	0	0.0%	0	0.0%	2,796	0.3%
	White	550,996	91.1%	52,387	8.7%	0	0.0%	0	0.0%	1,421	0.2%
	Black	30,732	89.9%	3,341	9.8%	0	0.0%	0	0.0%	108	0.3%
	Latino	186,519	89.0%	22,297	10.6%	0	0.0%	0	0.0%	707	0.3%
	AAPI	108,408	92.1%	8,941	7.6%	0	0.0%	0	0.0%	410	0.3%
	Other	56,625	90.2%	6,002	9.6%	0	0.0%	0	0.0%	151	0.2%
San Francisco	Total	273,443	89.6%	0	0.0%	31,399	10.3%	0	0.0%	499	0.2%
	White	122,401	88.6%	0	0.0%	15,478	11.2%	0	0.0%	243	0.2%
	Black	9,169	86.5%	0	0.0%	1,410	13.3%	0	0.0%	24	0.2%
	Latino	25,121	86.9%	0	0.0%	3,720	12.9%	0	0.0%	55	0.2%
	AAPI	102,881	91.9%	0	0.0%	8,940	8.0%	0	0.0%	149	0.1%
	Other	13,871	88.1%	0	0.0%	1,851	11.8%	0	0.0%	28	0.2%
San Joaquin	Total	159,202	89.7%	0	0.0%	17,728	10.0%	0	0.0%	476	0.3%
	White	65,890	89.7%	0	0.0%	7,410	10.1%	0	0.0%	126	0.2%
	Black	9,548	89.5%	0	0.0%	1,083	10.2%	0	0.0%	31	0.3%
	Latino	41,131	88.5%	0	0.0%	5,135	11.1%	0	0.0%	186	0.4%
	AAPI	26,410	92.3%	0	0.0%	2,101	7.3%	0	0.0%	95	0.3%
	Other	16,223	88.8%	0	0.0%	1,999	10.9%	0	0.0%	38	0.2%
San Luis Obispo	Total	112,660	93.7%	0	0.0%	7,314	6.1%	0	0.0%	256	0.2%
	White	87,834	93.9%	0	0.0%	5,547	5.9%	0	0.0%	179	0.2%
	Black	815	92.6%	0	0.0%	64	7.3%	0	0.0%	1	0.1%
	Latino	14,225	92.7%	0	0.0%	1,082	7.0%	0	0.0%	45	0.3%
	AAPI	2,913	94.8%	0	0.0%	144	4.7%	0	0.0%	14	0.5%
	Other	6,874	93.3%	0	0.0%	476	6.5%	0	0.0%	16	0.2%
San Mateo*	Total	233,809	93.0%	16,685	6.6%	0	0.0%	0	0.0%	803	0.3%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
	White	112,278	93.2%	7,829	6.5%	0	0.0%	0	0.0%	324	0.3%
	Black	2,478	90.6%	244	8.9%	0	0.0%	0	0.0%	12	0.4%
	Latino	32,538	91.0%	3,061	8.6%	0	0.0%	0	0.0%	155	0.4%
	AAPI	73,683	93.9%	4,537	5.8%	0	0.0%	0	0.0%	253	0.3%
	Other	12,833	92.3%	1,014	7.3%	0	0.0%	0	0.0%	59	0.4%
Santa Barbara	Total	124,343	91.4%	0	0.0%	11,104	8.2%	0	0.0%	565	0.4%
	White	79,520	92.1%	0	0.0%	6,539	7.6%	0	0.0%	303	0.4%
	Black	1,613	90.9%	0	0.0%	156	8.8%	0	0.0%	6	0.4%
	Latino	30,698	90.1%	0	0.0%	3,210	9.4%	0	0.0%	157	0.5%
	AAPI	5,723	90.6%	0	0.0%	523	8.3%	0	0.0%	68	1.1%
Santa Clara*	Total	510,047	92.8%	37,393	6.8%	0	0.0%	0	0.0%	2,291	0.4%
	White	179,548	93.5%	11,861	6.2%	0	0.0%	0	0.0%	692	0.4%
	Black	7,395	89.8%	780	9.5%	0	0.0%	0	0.0%	61	0.7%
	Latino	69,914	90.8%	6,668	8.7%	0	0.0%	0	0.0%	413	0.5%
	AAPI	228,166	93.0%	16,203	6.6%	0	0.0%	0	0.0%	1,026	0.4%
	Other	25,024	92.7%	1,880	7.0%	0	0.0%	0	0.0%	99	0.4%
Santa Cruz*	Total	96,358	91.8%	7,850	7.5%	0	0.0%	258	0.2%	532	0.5%
	White	70,244	92.0%	5,628	7.4%	0	0.0%	174	0.2%	270	0.4%
	Black	764	90.4%	66	7.8%	0	0.0%	2	0.3%	13	1.5%
	Latino	15,917	90.7%	1,418	8.1%	0	0.0%	54	0.3%	165	0.9%
	AAPI	3,713	92.7%	232	5.8%	0	0.0%	9	0.2%	52	1.3%
Shasta	Total	60,429	88.0%	0	0.0%	8,081	11.8%	0	0.0%	187	0.3%
	White	50,750	88.1%	0	0.0%	6,698	11.6%	0	0.0%	151	0.3%
	Black	460	86.8%	0	0.0%	69	12.9%	0	0.0%	1	0.3%
	Latino	3,345	85.8%	0	0.0%	531	13.6%	0	0.0%	21	0.5%
	AAPI	1,013	89.8%	0	0.0%	113	10.0%	0	0.0%	2	0.2%
	Other	4,862	87.7%	0	0.0%	670	12.1%	0	0.0%	11	0.2%
Sierra	Total	1,578	99.9%	0	0.0%	0	0.0%	0	0.0%	1	0.1%
	White	1,341	99.9%	0	0.0%	0	0.0%	0	0.0%	1	0.1%
	Black	5	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Latino	114	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	AAPI	4	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Siskiyou	Total	15,393	87.4%	0	0.0%	2,140	12.2%	0	0.0%	71	0.4%
	White	12,622	87.9%	0	0.0%	1,688	11.8%	0	0.0%	51	0.4%
	Black	129	85.6%	0	0.0%	21	13.8%	0	0.0%	1	0.7%
	Latino	820	85.1%	0	0.0%	139	14.4%	0	0.0%	5	0.5%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
	AAPI	156	81.1%	0	0.0%	33	17.2%	0	0.0%	3	1.7%
	Other	1,666	86.1%	0	0.0%	259	13.4%	0	0.0%	11	0.6%
Solano	Total	112,103	85.2%	0	0.0%	19,068	14.5%	0	0.0%	370	0.3%
	White	53,279	85.1%	0	0.0%	9,149	14.6%	0	0.0%	154	0.2%
	Black	13,849	84.8%	0	0.0%	2,435	14.9%	0	0.0%	54	0.3%
	Latino	18,747	83.7%	0	0.0%	3,572	15.9%	0	0.0%	84	0.4%
	AAPI	16,481	88.5%	0	0.0%	2,092	11.2%	0	0.0%	49	0.3%
	Other	9,747	84.0%	0	0.0%	1,821	15.7%	0	0.0%	30	0.3%
Sonoma*	Total	190,544	95.1%	9,172	4.6%	0	0.0%	154	0.1%	464	0.2%
	White	138,424	95.4%	6,311	4.3%	0	0.0%	99	0.1%	295	0.2%
	Black	2,100	94.2%	115	5.1%	0	0.0%	6	0.3%	8	0.4%
	Latino	23,076	93.7%	1,419	5.8%	0	0.0%	26	0.1%	108	0.4%
	AAPI	6,667	95.6%	278	4.0%	0	0.0%	6	0.1%	25	0.4%
	Other	20,277	94.9%	1,049	4.9%	0	0.0%	17	0.1%	28	0.1%
Stanislaus*	Total	121,119	92.2%	9,745	7.4%	0	0.0%	0	0.0%	450	0.3%
	White	62,569	92.8%	4,703	7.0%	0	0.0%	0	0.0%	186	0.3%
	Black	3,137	92.6%	234	6.9%	0	0.0%	0	0.0%	16	0.5%
	Latino	41,575	91.1%	3,859	8.5%	0	0.0%	0	0.0%	200	0.4%
	AAPI	6,816	94.1%	400	5.5%	0	0.0%	0	0.0%	28	0.4%
	Other	7,023	92.5%	550	7.2%	0	0.0%	0	0.0%	20	0.3%
Sutter	Total	26,971	94.8%	0	0.0%	1,430	5.0%	0	0.0%	53	0.2%
	White	14,927	94.4%	0	0.0%	857	5.4%	0	0.0%	25	0.2%
	Black	409	94.8%	0	0.0%	22	5.0%	0	0.0%	1	0.2%
	Latino	4,790	94.1%	0	0.0%	286	5.6%	0	0.0%	12	0.2%
	AAPI	4,883	96.8%	0	0.0%	150	3.0%	0	0.0%	11	0.2%
	Other	1,962	94.2%	0	0.0%	116	5.6%	0	0.0%	4	0.2%
Tehama	Total	17,704	85.5%	0	0.0%	2,962	14.3%	0	0.0%	29	0.1%
	White	14,062	85.7%	0	0.0%	2,324	14.2%	0	0.0%	23	0.1%
	Black	88	89.5%	0	0.0%	10	10.4%	0	0.0%	0	0.0%
	Latino	2,051	84.5%	0	0.0%	372	15.3%	0	0.0%	4	0.2%
	AAPI	142	85.1%	0	0.0%	25	14.8%	0	0.0%	0	0.1%
	Other	1,360	85.3%	0	0.0%	232	14.5%	0	0.0%	2	0.1%
Trinity	Total	4,263	94.8%	0	0.0%	230	5.1%	0	0.0%	5	0.1%
	White	3,615	94.8%	0	0.0%	195	5.1%	0	0.0%	4	0.1%
	Black	19	98.3%	0	0.0%	0	1.7%	0	0.0%	0	0.0%
	Latino	134	95.3%	0	0.0%	7	4.7%	0	0.0%	0	0.0%
	AAPI	63	94.3%	0	0.0%	3	4.2%	0	0.0%	1	1.5%
	Other	432	94.4%	0	0.0%	25	5.6%	0	0.0%	0	0.0%
Tulare	Total	79,707	86.5%	0	0.0%	11,681	12.7%	561	0.6%	173	0.2%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Racial/Ethnic Group	Vote-By-Mail		Vote Center		Polling Place ³⁶		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	37,825	87.4%	0	0.0%	5,232	12.1%	203	0.5%	39	0.1%
	Black	1,049	87.6%	0	0.0%	142	11.8%	6	0.5%	1	0.1%
	Latino	34,912	85.7%	0	0.0%	5,434	13.3%	287	0.7%	117	0.3%
	AAPI	2,167	87.7%	0	0.0%	275	11.1%	24	1.0%	6	0.2%
	Other	3,754	85.2%	0	0.0%	599	13.6%	41	0.9%	10	0.2%
Tuolumne	Total	22,445	96.0%	889	3.8%	0	0.0%	0	0.0%	49	0.2%
	White	18,903	96.0%	740	3.8%	0	0.0%	0	0.0%	40	0.2%
	Black	66	96.0%	3	3.9%	0	0.0%	0	0.0%	0	0.1%
	Latino	1,668	95.9%	65	3.8%	0	0.0%	0	0.0%	6	0.4%
	AAPI	220	98.1%	4	1.9%	0	0.0%	0	0.0%	0	0.1%
Other	1,589	95.3%	77	4.6%	0	0.0%	0	0.0%	2	0.1%	
Ventura*	Total	253,608	89.5%	28,051	9.9%	0	0.0%	1,471	0.5%	197	0.1%
	White	154,906	89.6%	17,107	9.9%	0	0.0%	787	0.5%	118	0.1%
	Black	3,646	89.4%	397	9.7%	0	0.0%	30	0.7%	5	0.1%
	Latino	63,852	89.1%	7,311	10.2%	0	0.0%	466	0.6%	45	0.1%
	AAPI	17,996	91.1%	1,668	8.4%	0	0.0%	85	0.4%	15	0.1%
Other	13,209	88.7%	1,568	10.5%	0	0.0%	103	0.7%	14	0.1%	
Yolo*	Total	62,858	92.8%	4,557	6.7%	0	0.0%	0	0.0%	346	0.5%
	White	36,817	93.5%	2,419	6.1%	0	0.0%	0	0.0%	138	0.3%
	Black	1,367	91.5%	120	8.0%	0	0.0%	0	0.0%	7	0.5%
	Latino	13,190	90.9%	1,213	8.4%	0	0.0%	0	0.0%	102	0.7%
	AAPI	7,020	92.9%	455	6.0%	0	0.0%	0	0.0%	83	1.1%
Other	4,465	92.4%	350	7.3%	0	0.0%	0	0.0%	17	0.4%	
Yuba	Total	17,286	87.4%	0	0.0%	2,405	12.2%	0	0.0%	76	0.4%
	White	11,585	87.3%	0	0.0%	1,640	12.4%	0	0.0%	46	0.3%
	Black	515	89.0%	0	0.0%	61	10.6%	0	0.0%	2	0.4%
	Latino	2,838	87.1%	0	0.0%	406	12.5%	0	0.0%	16	0.5%
	AAPI	849	90.9%	0	0.0%	79	8.4%	0	0.0%	6	0.6%
Other	1,499	86.9%	0	0.0%	219	12.7%	0	0.0%	6	0.3%	

Takeaways

Voters in VCA counties represented approximately 16.7 million, or 76.4%, of the 21.9 million statewide registered voters. The remaining 5.1 million, or 23.6%, of California statewide voters, come from non-VCA counties. California has a diverse electorate, with more than half of the state’s registered voters collectively represented by communities of color such as Latino, AAPI, Black, and all ‘other’ non-White voters. Regardless of categorization, California statewide, non-VCA counties, or VCA counties, voters of color comprise the

majority of the state's registered electorate. Across racial/ethnic groups, White voters made up most of the registered voters, followed by Latino voters, then AAPI voters, next black voters, and finally, all 'other' voters.

More than 11 million voters participated in the 2022 General Election in California. Of those that voted, approximately 8.4 million, or 76.2%, of statewide ballots came from voters in VCA counties. The remaining 2.6 million, or 23.7%, of ballots came from non-VCA counties. Unlike the distribution of registered electorate, voters estimated to be White comprised more than half of the ballots cast statewide, and in non-VCA and VCA counties.

Theoretically, one determinant of equitable voting practices should be that groups represent the same percentage of registered voters and ballots cast. For example, if 40.0% of the registered electorate is comprised of voters estimated to be White, then 40.0% of statewide ballots should be cast by White voters. Any percentage lower would indicate underrepresentation and low engagement, and any percentage higher would indicate overrepresentation – meaning that other groups are underrepresented. Therefore, for those that cast a ballot in the General Election, California has an overrepresentation of White voters and an underrepresentation of Latino, AAPI, and Black voters. Most notably, Latinos are underrepresented by approximately 10-points in their percentage of ballots cast relative to their representation of registered voters.

Across the state, there was a 50.4% turnout rate during the 2022 General Election. There was a slight variation across county categorization, with a 50.8% turnout rate in non-VCA counties and a 50.3% turnout rate in VCA counties. On average, voters estimated to be White had a turnout rate of 64.3%. Latino, AAPI, Black, had turnout rates lower than the statewide, non-VCA, and VCA counties' averages. Most notably, voters estimated to be Latino had the lowest turnout rate of any group.

Regardless of statewide, non-VCA, or VCA categorization, the vast majority – approximately 90% or above – of voters across the state utilized vote-by-mail to participate in the 2022 General Election. There is a slight pattern of Latino and Black voters casting ballots in person at polling places and voter centers. Latino and Black voters used in-person voting at 1- to 3.5-points higher rates than their White, AAPI, and 'Other' counterparts.

Asian American and Pacific Islander (AAPI) Subethnicities

Using self-reported data and AAPI subethnic modeling, we analyzed the AAPI electorate by subethnic groups, including Chinese, Filipino, Indian, Japanese, Korean, Vietnamese, and 'Other' groups. We provide data on each of the fifty-eight California counties and group counties into categories of 'statewide,' non-VCA, VCA (including Los Angeles), and VCA (excluding Los Angeles). Our AAPI subethnic modeling is covered in greater detail in the methodology section of this report.

As shown in Table 5 below, more than 942 thousand registered voters were estimated to be Chinese, or 25.3% of all AAPI registered voters, at the time of the 2022 General Election. Approximately 647 thousand, or 17.4%, statewide AAPI registered voters were estimated to be Filipino. The third largest estimated AAPI subethnic group was Indian voters, representing 527 thousand, or 14.1%, of California's registered AAPI electorate. Voters estimated to be Vietnamese made up nearly 506 thousand, or 13.6%. Voters estimated to be Korean comprised 290 thousand, or 7.8%, of the state's registered AAPI voters. At the time of the 2022 General Election, voters estimated to be Japanese accounted for 143 thousand, or 3.9%, of statewide AAPI voters. 'Other' voters, which include individuals estimated to be Pacific Islanders or any other AAPI subethnic group not explicitly listed, were nearly 671 thousand, or 18.0%, of all registered AAPI voters.

Table 5 shows that, in non-VCA counties, approximately 194 thousand, or 29.3% of registered AAPI voters, were estimated to be Chinese. Across the non-VCA counties, 144 thousand, or 21.8%, of AAPI voters were estimated to be Filipino. Voters estimated to be Indian represented 103 thousand, or 15.6%, of the non-VCA registered AAPI electorate. More than 42 thousand, or 6.4%, of non-VCA AAPI registered voters were Vietnamese. Voters estimated to be Korean accounted for 28.5 thousand, or 4.3%, of the non-VCA AAPI electorate. Voters are estimated to be Japanese made up 18.6 thousand, or 2.8%, of AAPI registered voters. All 'other' AAPI voters comprised the final 130 thousand, or 19.7% of non-VCA AAPI registered voters.

AAPI subethnic totals for VCA counties are shown in Table 5 below. As of the 2022 General Election, 748 thousand, or 24.4% of AAPI registered voters, were estimated to be Chinese. Voters estimated to be Filipino accounted for 503 thousand, or 16.4%, of all VCA AAPI voters. Approximately 424 thousand, or 13.8%, of all AAPI registered voters were estimated to be Indian. Voters estimated as Vietnamese comprised 463 thousand, or 15.1%, of all VCA AAPI registered voters. Korean voters were estimated to make up over 261 thousand, or 8.5%, of VCA AAPI registered voters. Voters estimated to be Japanese made up 125 thousand, or 4.1%, of the registered AAPI electorate in VCA counties. All 'other' AAPI voters accounted for the remaining 541 thousand, or 17.6%, of AAPI voters in VCA counties.

Table 5: Registered Voters by AAPI Subethnic Group

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Chinese		Filipino		Indian		Vietnamese		Korean		Japanese		Other	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Statewide	942,487	25.3%	647,687	17.4%	527,743	14.1%	506,150	13.6%	290,447	7.8%	143,990	3.9%	671,672	18.0%
Non-VCA	194,127	29.3%	144,449	21.8%	103,268	15.6%	42,526	6.4%	28,592	4.3%	18,658	2.8%	130,385	19.7%
VCA (Including Los Angeles)	748,360	24.4%	503,238	16.4%	424,475	13.8%	463,624	15.1%	261,854	8.5%	125,332	4.1%	541,287	17.6%
VCA (Excluding Los Angeles)	490,955	22.45%	362,037	17%	353,989	16.2%	383,272	17.5%	140,902	6.4%	71,761	3.3%	384,058	17.6%
Alameda*	117,587	34.0%	50,668	14.7%	80,557	23.3%	31,414	9.1%	13,671	4.0%	8,583	2.5%	43,194	12.5%
Alpine	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	100.0%
Amador*	32	12.4%	77	30.2%	6	2.4%	6	2.5%	9	3.4%	9	3.4%	116	45.5%
Butte*	455	8.3%	619	11.3%	520	9.5%	184	3.4%	204	3.7%	138	2.5%	3,360	61.3%
Calaveras*	69	13.5%	166	32.2%	13	2.5%	23	4.5%	26	5.1%	6	1.1%	212	41.2%
Colusa	10	7.6%	32	24.0%	24	18.0%	2	1.8%	0	0.3%	0	0.0%	64	48.4%
Contra Costa	33,409	24.0%	32,893	23.7%	27,389	19.7%	6,356	4.6%	6,104	4.4%	4,077	2.9%	28,798	20.7%
Del Norte	57	16.7%	39	11.3%	26	7.7%	37	11.0%	28	8.1%	14	4.1%	140	41.1%
El Dorado*	940	14.5%	1,351	20.8%	1,303	20.1%	503	7.7%	398	6.1%	188	2.9%	1,812	27.9%
Fresno*	3,783	6.7%	6,234	11.0%	14,458	25.4%	2,209	3.9%	859	1.5%	1,664	2.9%	27,635	48.6%
Glenn	6	2.7%	36	14.7%	26	10.7%	2	0.9%	4	1.7%	3	1.4%	165	68.0%
Humboldt	293	16.9%	217	12.5%	79	4.5%	125	7.2%	71	4.1%	91	5.3%	861	49.6%
Imperial	240	26.5%	119	13.1%	165	18.2%	47	5.2%	89	9.8%	27	3.0%	219	24.2%
Inyo	25	15.4%	33	20.4%	12	7.6%	5	2.9%	4	2.6%	13	7.8%	69	43.2%
Kern	1,728	8.1%	6,302	29.6%	6,447	30.3%	916	4.3%	704	3.3%	342	1.6%	4,844	22.8%
Kings*	185	8.8%	838	40.1%	245	11.7%	94	4.5%	44	2.1%	141	6.7%	543	26.0%
Lake	44	9.9%	86	19.3%	29	6.5%	33	7.4%	18	4.1%	8	1.7%	229	51.1%
Lassen	31	19.4%	29	18.1%	1	0.6%	4	2.6%	5	3.4%	12	7.4%	77	48.4%
Los Angeles*	257,406	29.2%	141,200	16.0%	70,486	8.0%	80,352	9.1%	120,952	13.7%	53,570	6.1%	157,229	17.8%
Madera*	170	8.3%	300	14.8%	790	38.8%	19	0.9%	42	2.1%	42	2.1%	672	33.0%
Marin*	3,093	27.1%	1,150	10.1%	1,490	13.1%	908	8.0%	1,007	8.8%	856	7.5%	2,902	25.4%
Mariposa*	48	33.2%	15	10.6%	17	11.5%	5	3.2%	4	2.8%	4	3.1%	51	35.6%
Mendocino	213	25.8%	115	14.0%	110	13.4%	76	9.2%	47	5.7%	35	4.3%	228	27.6%
Merced*	688	6.9%	1,018	10.2%	3,088	30.9%	298	3.0%	315	3.1%	88	0.9%	4,512	45.1%
Modoc	3	6.9%	12	28.7%	1	2.4%	1	2.4%	1	2.4%	1	2.4%	23	54.8%
Mono	8	6.4%	12	9.9%	2	1.4%	23	18.0%	6	4.4%	4	2.9%	72	57.0%
Monterey	1,516	11.1%	4,363	31.9%	1,028	7.5%	1,097	8.0%	1,289	9.4%	857	6.3%	3,547	25.9%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Chinese		Filipino		Indian		Vietnamese		Korean		Japanese		Other	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Napa*	392	5.8%	3,612	53.6%	679	10.1%	242	3.6%	142	2.1%	189	2.8%	1,481	22.0%
Nevada*	213	25.4%	83	10.0%	58	6.9%	34	4.1%	48	5.7%	126	15.1%	275	32.8%
Orange*	81,091	15.9%	52,509	10.3%	44,155	8.7%	162,255	31.9%	70,128	13.8%	19,315	3.8%	79,520	15.6%
Placer	3,714	12.6%	6,913	23.5%	7,705	26.1%	2,008	6.8%	1,104	3.7%	873	3.0%	7,159	24.3%
Plumas	25	23.0%	15	13.4%	5	4.7%	0	0.0%	1	0.9%	5	4.9%	59	53.1%
Riverside*	12,062	13.1%	29,976	32.4%	9,522	10.3%	8,714	9.4%	5,610	6.1%	2,297	2.5%	24,200	26.2%
Sacramento*	27,198	16.4%	29,658	17.8%	27,302	16.4%	23,552	14.2%	4,397	2.6%	5,257	3.2%	48,979	29.4%
San Benito*	90	5.9%	637	41.8%	98	6.4%	144	9.5%	61	4.0%	100	6.5%	394	25.9%
San Bernardino	23,842	24.4%	22,128	22.6%	12,138	12.4%	10,327	10.6%	8,604	8.8%	2,940	3.0%	17,762	18.2%
San Diego*	42,580	17.3%	68,786	27.9%	26,363	10.7%	38,339	15.6%	13,805	5.6%	10,295	4.2%	46,024	18.7%
San Francisco	115,024	57.2%	21,584	10.7%	13,382	6.7%	12,393	6.2%	7,210	3.6%	5,602	2.8%	25,765	12.8%
San Joaquin	5,261	7.5%	19,990	28.3%	18,972	26.9%	5,104	7.2%	781	1.1%	882	1.2%	19,580	27.7%
San Luis Obispo	812	15.4%	1,279	24.3%	412	7.8%	312	5.9%	361	6.9%	316	6.0%	1,771	33.7%
San Mateo*	56,063	36.8%	44,247	29.0%	15,694	10.3%	3,556	2.3%	4,513	3.0%	5,029	3.3%	23,264	15.3%
Santa Barbara	2,766	22.0%	2,616	20.8%	1,028	8.2%	995	7.9%	866	6.9%	866	6.9%	3,461	27.5%
Santa Clara*	127,732	26.7%	53,195	11.1%	109,052	22.8%	104,188	21.7%	21,030	4.4%	13,345	2.8%	50,648	10.6%
Santa Cruz*	1,552	23.1%	1,194	17.8%	673	10.0%	310	4.6%	411	6.1%	743	11.1%	1,831	27.3%
Shasta	385	14.4%	438	16.5%	385	14.5%	137	5.2%	119	4.5%	86	3.2%	1,111	41.7%
Sierra	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6	100.0%
Siskiyou	145	23.0%	139	22.0%	18	2.9%	3	0.5%	19	3.0%	22	3.5%	285	45.1%
Solano	3,573	8.4%	22,117	51.9%	4,878	11.4%	1,906	4.5%	886	2.1%	1,115	2.6%	8,139	19.1%
Sonoma*	2,451	19.3%	2,008	15.8%	1,452	11.4%	1,420	11.2%	896	7.0%	709	5.6%	3,773	29.7%
Stanislaus*	1,687	9.2%	1,917	10.4%	7,324	39.8%	1,243	6.8%	360	2.0%	370	2.0%	5,489	29.8%
Sutter	188	1.8%	416	4.0%	7,972	76.3%	98	0.9%	75	0.7%	91	0.9%	1,605	15.4%
Tehama	45	12.1%	44	11.8%	46	12.4%	43	11.5%	2	0.6%	12	3.3%	180	48.3%
Trinity	56	21.7%	11	4.2%	4	1.6%	0	0.0%	3	1.1%	2	0.8%	183	70.7%
Tulare	548	8.6%	2,114	33.1%	731	11.4%	282	4.4%	178	2.8%	248	3.9%	2,290	35.8%
Tuolumne*	51	14.2%	115	32.2%	27	7.6%	4	1.0%	14	3.9%	36	10.1%	111	31.1%
Ventura*	6,325	16.5%	9,988	26.0%	6,475	16.9%	2,731	7.1%	2,142	5.6%	1,673	4.4%	9,074	23.6%
Yolo*	4,420	29.6%	1,676	11.2%	2,629	17.6%	875	5.9%	765	5.1%	558	3.7%	3,986	26.7%
Yuba	160	5.7%	360	12.9%	254	9.1%	194	7.0%	12	0.4%	113	4.1%	1,693	60.8%

In Table 6 below, we observe that 452 thousand ballots, or 25.7% of all ballots cast by AAPI voters, were cast by voters estimated to be Chinese. During the 2022 General Election, approximately 292 thousand, or 16.6%, of ballots cast by statewide AAPI registered voters were estimated to come from Filipino voters. Voters estimated

to be Indian represented 251 thousand, or 14.2%, of ballots cast by statewide AAPI voters. Approximately 224 thousand, or 12.7% of ballots cast by AAPI voters, were estimated to be Vietnamese. Voters estimated to be Korean comprised 129 thousand, or 7.3%, of the state's AAPI ballots cast. During the 2022 General Election, voters estimated to be Japanese accounted for 79 thousand, or 4.5%, of statewide AAPI ballots cast. All 'Other' AAPI subethnic voters made up the resulting 333 thousand, or 18.9%, of all registered AAPI voters.

Table 6 shows that, in non-VCA counties, approximately 99 thousand, or 30.8% of ballots cast by AAPI voters, were estimated to be Chinese. Across the non-VCA counties, 65 thousand, or 20.5%, of ballots cast by AAPI voters were estimated to be Filipino. Voters estimated to be Indian represented 48 thousand, or 15.0%, of the non-VCA registered AAPI ballots cast. Over 18 thousand, or 5.9%, of non-VCA AAPI ballots cast were from Vietnamese voters. Voters estimated to be Korean accounted for 13 thousand, or 4.2%, of the non-VCA AAPI ballots cast. Voters are estimated to be Japanese made up 10 thousand, or 3.2% of ballots cast by AAPI voters. All 'other' AAPI voters comprised the final 65 thousand, or 20.4% of non-VCA AAPI ballots cast.

AAPI subethnic totals for VCA counties are shown in Table 5 below. During the 2022 General Election, 353 thousand, or 24.5% of ballots cast from AAPI voters, were from voters estimated to be Chinese. Voters estimated to be Filipino accounted for 226 thousand, or 15.7%, of all ballots cast from AAPI voters in VCA counties. Approximately 202 thousand, or 14.1%, of all ballots cast from AAPI voters were estimated to be from Indian voters. Voters estimated as Vietnamese made up 205 thousand, or 14.2%, of all ballots cast from AAPI voters in VCA counties. Korean voters were estimated to make up over 115 thousand, or 8.0%, of VCA ballots cast from AAPI voters. Voters estimated to be Japanese made up 69 thousand, or 4.8%, of the ballots cast from the AAPI electorate in VCA counties. All 'other' AAPI subethnic voters accounted for the remaining 267 thousand, or 18.6%, of ballots cast from AAPI voters in VCA counties.

Table 6: Ballots Cast by AAPI Subethnic Group

Jurisdiction	Chinese		Filipino		Indian		Vietnamese		Korean		Japanese		Other	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Statewide	452,987	25.7%	292,741	16.6%	251,242	14.2%	224,134	12.7%	129,051	7.3%	79,583	4.5%	333,405	18.9%
Non-VCA	99,105	30.8%	65,928	20.5%	48,386	15.0%	18,858	5.9%	13,369	4.2%	10,186	3.2%	65,696	20.4%
VCA (Including Los Angeles)	353,881	24.5%	226,812	15.7%	202,857	14.1%	205,276	14.2%	115,682	8.0%	69,397	4.8%	267,708	18.6%
VCA (Excluding Los Angeles)	247,312	23.2%	166,911	15.7%	172,302	16.2%	177,037	16.6%	67,600	6.4%	39,429	3.7%	193,623	18.2%
Alameda*	55,746	34.3%	22,644	13.9%	36,949	22.7%	12,216	7.5%	6,034	3.7%	5,384	3.3%	23,483	14.5%
Alpine	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%
Amador*	19	11.1%	49	28.6%	3	1.7%	6	3.4%	5	3.0%	7	4.0%	83	48.2%
Butte*	197	9.2%	286	13.4%	189	8.8%	74	3.5%	81	3.8%	55	2.5%	1,258	58.8%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Chinese		Filipino		Indian		Vietnamese		Korean		Japanese		Other	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Calaveras*	40	12.4%	97	30.3%	8	2.5%	18	5.5%	19	6.0%	3	1.0%	135	42.3%
Colusa	5	6.1%	20	24.9%	14	17.0%	1	1.7%	0	0.4%	0	0.0%	40	49.9%
Contra Costa	17,412	25.0%	15,424	22.1%	13,348	19.2%	3,000	4.3%	3,111	4.5%	2,213	3.2%	15,180	21.8%
Del Norte	15	11.0%	22	16.2%	9	6.7%	8	6.1%	9	7.0%	8	5.9%	63	47.1%
El Dorado*	504	14.3%	715	20.3%	658	18.7%	272	7.7%	196	5.6%	109	3.1%	1,064	30.3%
Fresno*	1,532	7.8%	2,406	12.2%	4,970	25.3%	830	4.2%	326	1.7%	633	3.2%	8,985	45.7%
Glenn	3	3.9%	12	15.3%	4	5.3%	0	0.4%	4	4.9%	1	0.9%	56	69.2%
Humboldt	111	14.6%	95	12.6%	25	3.3%	50	6.6%	36	4.8%	43	5.6%	398	52.5%
Imperial	93	25.1%	54	14.5%	67	18.1%	20	5.5%	33	8.8%	10	2.7%	94	25.3%
Inyo	14	14.3%	18	18.8%	7	7.8%	2	2.4%	4	4.3%	7	7.3%	42	45.0%
Kern	786	8.0%	2,690	27.5%	3,280	33.6%	394	4.0%	304	3.1%	156	1.6%	2,163	22.1%
Kings*	80	8.8%	336	37.2%	97	10.7%	35	3.8%	17	1.9%	77	8.5%	262	29.0%
Lake	16	7.4%	41	18.4%	11	5.1%	15	6.6%	14	6.5%	4	1.8%	121	54.3%
Lassen	14	17.5%	13	15.4%	0	0.6%	2	2.0%	3	3.5%	6	7.2%	44	53.8%
Los Angeles*	106,570	28.2%	59,901	15.9%	30,555	8.1%	28,239	7.5%	48,082	12.7%	29,968	7.9%	74,086	19.6%
Madera*	86	8.7%	158	16.1%	341	34.5%	9	1.0%	22	2.2%	23	2.4%	346	35.1%
Marin*	1,923	27.0%	701	9.9%	833	11.7%	508	7.1%	616	8.7%	561	7.9%	1,973	27.7%
Mariposa*	27	32.8%	8	10.2%	9	10.2%	3	3.7%	2	2.4%	2	2.8%	32	38.0%
Mendocino	102	24.8%	57	13.8%	43	10.5%	30	7.2%	29	7.1%	23	5.5%	128	31.1%
Merced*	300	7.5%	428	10.6%	1,315	32.7%	104	2.6%	114	2.8%	36	0.9%	1,727	42.9%
Modoc	2	8.3%	6	23.3%	0	0.0%	1	3.9%	1	3.9%	1	3.9%	15	56.8%
Mono	7	9.2%	7	9.1%	1	1.9%	16	20.5%	4	5.0%	2	2.5%	40	51.8%
Monterey	791	11.9%	1,949	29.4%	483	7.3%	468	7.1%	594	9.0%	489	7.4%	1,851	27.9%
Napa*	202	6.2%	1,663	50.8%	302	9.2%	114	3.5%	79	2.4%	113	3.4%	798	24.4%
Nevada*	132	25.4%	47	9.1%	33	6.3%	17	3.3%	27	5.3%	89	17.1%	173	33.4%
Orange*	41,357	16.2%	25,957	10.2%	22,350	8.7%	79,035	30.9%	34,091	13.3%	10,017	3.9%	42,791	16.7%
Placer	2,040	12.8%	3,685	23.0%	3,839	24.0%	1,064	6.7%	598	3.7%	507	3.2%	4,259	26.6%
Plumas	9	16.6%	6	12.2%	1	1.7%	0	0.0%	1	1.9%	2	4.5%	33	63.2%
Riverside*	4,828	12.6%	12,214	31.8%	3,841	10.0%	3,506	9.1%	2,299	6.0%	979	2.5%	10,787	28.1%
Sacramento*	13,226	17.2%	13,882	18.1%	12,074	15.7%	10,417	13.6%	2,217	2.9%	2,984	3.9%	21,995	28.6%
San Benito*	46	5.9%	313	39.9%	55	6.9%	75	9.6%	33	4.3%	53	6.7%	210	26.7%
San Bernardino	8,669	22.5%	9,165	23.8%	4,469	11.6%	3,577	9.3%	3,100	8.1%	1,458	3.8%	8,036	20.9%
San Diego*	21,726	18.4%	30,575	26.0%	13,270	11.3%	16,476	14.0%	6,194	5.3%	5,902	5.0%	23,615	20.1%
San Francisco	62,830	56.1%	11,586	10.3%	7,797	7.0%	6,652	5.9%	4,072	3.6%	3,384	3.0%	15,647	14.0%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Chinese		Filipino		Indian		Vietnamese		Korean		Japanese		Other	
	Count	Turnout %	Count	Turnout %	Count	Turnout %	Count	Turnout %	Count	Turnout %	Count	Turnout %	Count	Turnout %
San Joaquin	2,111	7.4%	8,280	28.9%	8,203	28.7%	1,976	6.9%	309	1.1%	403	1.4%	7,324	25.6%
San Luis Obispo	462	15.0%	743	24.2%	212	6.9%	147	4.8%	200	6.5%	183	6.0%	1,125	36.6%
San Mateo*	28,496	36.3%	21,074	26.9%	8,662	11.0%	1,849	2.4%	2,403	3.1%	2,822	3.6%	13,166	16.8%
Santa Barbara	1,320	20.9%	1,223	19.4%	515	8.2%	463	7.3%	414	6.6%	471	7.5%	1,908	30.2%
Santa Clara*	68,156	27.8%	25,222	10.3%	58,228	23.7%	48,359	19.7%	10,499	4.3%	7,317	3.0%	27,613	11.3%
Santa Cruz*	913	22.8%	659	16.5%	390	9.7%	187	4.7%	245	6.1%	438	10.9%	1,173	29.3%
Shasta	166	14.7%	155	13.7%	126	11.2%	56	5.0%	40	3.6%	41	3.6%	544	48.2%
Sierra	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4	100.0%
Siskiyou	24	12.3%	26	13.5%	7	3.4%	0	0.0%	7	3.8%	8	4.1%	121	62.9%
Solano	1,704	9.1%	9,498	51.0%	1,774	9.5%	694	3.7%	378	2.0%	579	3.1%	3,996	21.5%
Sonoma*	1,377	19.7%	1,077	15.4%	760	10.9%	708	10.2%	460	6.6%	417	6.0%	2,177	31.2%
Stanislaus*	656	9.1%	789	10.9%	2,626	36.3%	410	5.7%	139	1.9%	216	3.0%	2,407	33.2%
Sutter	90	1.8%	206	4.1%	3,783	75.0%	50	1.0%	37	0.7%	47	0.9%	830	16.4%
Tehama	21	12.4%	21	12.5%	11	6.7%	15	8.8%	2	1.2%	5	2.9%	93	55.4%
Trinity	8	12.1%	5	8.1%	2	3.0%	0	0.0%	0	0.4%	1	1.5%	50	75.0%
Tulare	221	9.0%	771	31.2%	285	11.5%	89	3.6%	59	2.4%	97	3.9%	949	38.4%
Tuolumne*	32	14.2%	66	29.6%	16	7.2%	1	0.6%	9	3.9%	29	12.9%	71	31.5%
Ventura*	3,416	17.3%	4,700	23.8%	3,172	16.0%	1,376	7.0%	1,091	5.5%	869	4.4%	5,139	26.0%
Yolo*	2,294	30.4%	842	11.1%	1,154	15.3%	432	5.7%	382	5.1%	294	3.9%	2,159	28.6%
Yuba	62	6.6%	151	16.2%	66	7.1%	68	7.3%	6	0.6%	38	4.0%	543	58.2%

Table 7 below shows the voter turnout rate by AAPI subethnic group. Voter turnout rates are calculated by dividing the number of ballots cast by the number of registered voters for each AAPI subethnic group.

Table 7 below shows statewide turnout rates for AAPI subethnic groups. Across all fifty-eight California counties, voters estimated to be AAPI had an overall turnout rate of 47.3%. Voters estimated to be Chinese had a turnout rate of approximately 48.1% of voters participating in the 2022 General Election. Voters estimated to be Filipino had a turnout rate of 45.2%. Voters estimated to be Indian had a turnout rate of 47.6%. Voters estimated to be Vietnamese had a turnout rate of 44.3% in the 2022 General Election. There was a 44.4% turnout rate among voters estimated to be Korean. Voters estimated to be Japanese had a turnout rate of 55.3% during the 2022 General Election. All 'other' AAPI voters had a turnout rate of 49.6% across the state.

Below in Table 7 are AAPI subethnic turnout rates for non-VCA counties. Turnout in non-VCA counties for all AAPI voters was slightly higher in non-VCA counties than statewide and VCA turnout rates. Across all thirty-one non-VCA counties, AAPI voters had an overall turnout rate of 48.6%. Voters estimated to be Chinese had a turnout rate of approximately 51.1% of voters participating in the 2022 General Election. Voters estimated to be

Filipino had a turnout of 45.6% during the 2022 General Election. Voters estimated to be Indian had a turnout rate of 46.9%. Voters estimated to be Vietnamese had a turnout rate of 44.3% in the 2022 General Election. Korean-estimated voters had a turnout rate of 46.8%. Among voters estimated to be Japanese, there was a 54.6% turnout rate. All 'other' AAPI voters had a turnout rate of 50.4% in non-VCA counties.

In Table 7 are turnout rates for VCA counties. Across all VCA counties, AAPI voters had an overall turnout rate of 47.0%. Voters estimated to be Chinese had a turnout rate of approximately 47.3% of voters participating in the 2022 General Election. Filipino-estimated voters had a turnout of 45.1% during the 2022 General Election. Voters estimated to be Indian had a turnout rate of 47.8%. Voters estimated to be Vietnamese had a turnout rate of 44.3% in the 2022 General Election. There was a 44.2% turnout rate among voters estimated to be Korean. Voters estimated to be Japanese had a turnout rate of 55.4% during the General. All 'other' voters had a turnout rate of 49.5% across VCA counties.

Table 7: Turnout by AAPI Subethnic Group

Jurisdiction	Total AAPI	Chinese	Filipino	Indian	Vietnamese	Korean	Japanese	Other
Statewide	47.3%	48.1%	45.2%	47.6%	44.3%	44.4%	55.3%	49.6%
Non-VCA	48.6%	51.1%	45.6%	46.9%	44.3%	46.8%	54.6%	50.4%
VCA (Including Los Angeles)	47.0%	47.3%	45.1%	47.8%	44.3%	44.2%	55.4%	49.5%
VCA (Excluding Los Angeles)	48.7%	50.4%	46.1%	48.7%	46.2%	48.0%	54.9%	50.4%
Alameda*	47.0%	47.4%	44.7%	45.9%	38.9%	44.1%	62.7%	54.4%
Alpine	61.9%	-	-	-	-	-	-	61.9%
Amador*	67.6%	60.3%	64.0%	47.1%	91.5%	59.6%	80.0%	71.5%
Butte*	39.0%	43.2%	46.2%	36.3%	40.4%	39.9%	39.6%	37.4%
Calaveras*	62.1%	57.2%	58.5%	61.5%	75.1%	73.3%	59.9%	63.7%
Colusa	61.4%	49.5%	63.7%	58.0%	57.8%	100.0%	-	63.3%
Contra Costa	50.1%	52.1%	46.9%	48.7%	47.2%	51.0%	54.3%	52.7%
Del Norte	39.4%	25.8%	56.4%	34.0%	21.9%	33.7%	57.5%	45.2%
El Dorado*	54.2%	53.6%	52.9%	50.5%	54.0%	49.2%	57.9%	58.7%
Fresno*	34.6%	40.5%	38.6%	34.4%	37.6%	37.9%	38.0%	32.5%
Glenn	33.6%	48.6%	35.1%	16.8%	15.0%	100.0%	22.4%	34.3%
Humboldt	43.6%	37.8%	44.0%	31.5%	40.3%	50.9%	46.5%	46.2%
Imperial	41.0%	38.8%	45.3%	40.8%	43.6%	36.7%	36.5%	42.9%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Total AAPI	Chinese	Filipino	Indian	Vietnamese	Korean	Japanese	Other
Inyo	59.0%	54.9%	54.3%	61.0%	47.4%	96.7%	55.0%	61.5%
Kern	45.9%	45.5%	42.7%	50.9%	43.0%	43.1%	45.5%	44.7%
Kings*	43.2%	43.2%	40.1%	39.4%	36.7%	39.0%	54.9%	48.3%
Lake	49.7%	37.1%	47.5%	38.4%	44.1%	78.4%	54.0%	52.8%
Lassen	51.4%	46.3%	43.8%	47.4%	40.9%	51.9%	50.1%	57.1%
Los Angeles*	42.8%	41.4%	42.4%	43.3%	35.1%	39.8%	55.9%	47.1%
Madera*	48.5%	50.9%	52.7%	43.1%	49.6%	51.7%	55.6%	51.6%
Marin*	62.4%	62.2%	61.0%	55.9%	56.0%	61.1%	65.6%	68.0%
Mariposa*	58.1%	57.2%	55.9%	51.5%	67.2%	50.0%	52.6%	61.9%
Mendocino	49.8%	48.0%	49.2%	39.1%	38.8%	61.5%	63.7%	56.0%
Merced*	40.2%	43.6%	42.1%	42.6%	34.9%	36.1%	41.2%	38.3%
Modoc	61.7%	74.0%	50.0%	0.0%	100.0%	100.0%	100.0%	63.9%
Mono	61.6%	89.2%	56.3%	81.0%	70.4%	69.8%	53.7%	56.0%
Monterey	48.4%	52.2%	44.7%	47.0%	42.7%	46.0%	57.1%	52.2%
Napa*	48.5%	51.5%	46.0%	44.5%	46.9%	55.8%	59.6%	53.9%
Nevada*	61.9%	61.9%	56.7%	56.6%	50.9%	57.0%	70.1%	63.1%
Orange*	50.2%	51.0%	49.4%	50.6%	48.7%	48.6%	51.9%	53.8%
Placer	54.3%	54.9%	53.3%	49.8%	53.0%	54.2%	58.1%	59.5%
Plumas	46.6%	33.6%	42.1%	16.4%	-	100.0%	42.9%	55.4%
Riverside*	41.6%	40.0%	40.7%	40.3%	40.2%	41.0%	42.6%	44.6%
Sacramento*	46.2%	48.6%	46.8%	44.2%	44.2%	50.4%	56.8%	44.9%
San Benito*	51.6%	51.5%	49.2%	55.8%	52.2%	55.1%	53.1%	53.3%
San Bernardino	39.4%	36.4%	41.4%	36.8%	34.6%	36.0%	49.6%	45.2%
San Diego*	47.8%	51.0%	44.4%	50.3%	43.0%	44.9%	57.3%	51.3%
San Francisco	55.7%	54.6%	53.7%	58.3%	53.7%	56.5%	60.4%	60.7%
San Joaquin	40.5%	40.1%	41.4%	43.2%	38.7%	39.5%	45.7%	37.4%
San Luis Obispo	58.4%	56.9%	58.1%	51.6%	47.1%	55.4%	57.9%	63.5%
San Mateo*	51.5%	50.8%	47.6%	55.2%	52.0%	53.2%	56.1%	56.6%
Santa Barbara	50.1%	47.7%	46.7%	50.1%	46.5%	47.8%	54.4%	55.1%
Santa Clara*	51.2%	53.4%	47.4%	53.4%	46.4%	49.9%	54.8%	54.5%
Santa Cruz*	59.7%	58.9%	55.2%	58.0%	60.4%	59.5%	59.0%	64.0%
Shasta	42.3%	43.1%	35.4%	32.7%	41.0%	33.7%	47.2%	48.9%
Sierra	55.0%	-	-	-	-	-	-	55.0%
Siskiyou	30.5%	16.3%	18.8%	35.9%	0.0%	38.1%	35.6%	42.5%

Jurisdiction	Total AAPI	Chinese	Filipino	Indian	Vietnamese	Korean	Japanese	Other
Solano	43.7%	47.7%	42.9%	36.4%	36.4%	42.6%	51.9%	49.1%
Sonoma*	54.9%	56.2%	53.6%	52.3%	49.9%	51.4%	58.9%	57.7%
Stanislaus*	39.4%	38.9%	41.2%	35.9%	32.9%	38.6%	58.4%	43.9%
Sutter	48.3%	48.2%	49.6%	47.5%	50.8%	49.5%	51.7%	51.7%
Tehama	44.8%	45.9%	47.2%	24.4%	34.5%	98.1%	39.0%	51.5%
Trinity	25.7%	14.3%	50.0%	50.0%	-	10.0%	50.0%	27.3%
Tulare	38.7%	40.4%	36.5%	39.1%	31.8%	33.0%	39.2%	41.4%
Tuolumne*	62.6%	62.7%	57.7%	59.0%	38.5%	63.0%	80.3%	63.6%
Ventura*	51.5%	54.0%	47.1%	49.0%	50.4%	50.9%	51.9%	56.6%
Yolo*	50.7%	51.9%	50.3%	43.9%	49.3%	50.0%	52.6%	54.2%
Yuba	33.5%	38.6%	42.0%	26.1%	34.8%	49.3%	33.3%	32.1%

Table 8 below shows the Statewide voting methods used by AAPI subethnic groups during the 2022 General Election. Below, the table shows that vote-by-mail was the overall preferred method of voting for statewide AAPI voters (1.5 million or 90.3%) and preferred by Chinese (413 thousand or 91.2%), Indian (228 thousand or 91.0%), Filipino (265 thousand or 90.6%), Japanese (72 thousand or 91.1%), Korean (116 thousand or 90.5%), Vietnamese (202 thousand or 90.1%), and all 'other' AAPI voters (294 thousand or 88.2%). The next most utilized method was voting in person at a vote center, with 137 thousand or 7.8% of AAPI voters using the method statewide. Vote centers were commonly used by Chinese (30 thousand or 6.8%), Indian (17 thousand or 7.0%), Filipino (21 thousand or 7.3%), Japanese (6 thousand or 7.6%), Korean (10 thousand or 8.3%), Vietnamese (19 thousand or 8.8%), and all 'other' AAPI voters (31 thousand or 9.4%). In-person voting at a polling place and casting a nonprovisional CVR and provisional CVR were utilized at much lower rates than vote-by-mail and vote centers. Nearly 25 thousand, or 1.4% of AAPI voters cast a ballot in a polling place. Only 7,798 ballots were cast via a provisional CVR ballot. The remaining 269 ballots cast by AAPI voters statewide used non-provisional CVR ballots.

In Table 8 below, we see that, in non-VCA counties, vote-by-mail was the overall preferred method of voting for AAPI voters (295 thousand or 92.0%) and preferred by Chinese (92 thousand or 93.0%), Indian (44 thousand or 92.5%), Filipino (60 thousand or 92.0%), Japanese (9 thousand or 92.4%), Korean (12 thousand or 92.8%), Vietnamese (17 thousand or 92.2%), and all 'other' AAPI voters (58 thousand or 89.9%) across non-VCA counties. The next most utilized method was voting in person at a polling place, with 25 thousand or 7.8% of AAPI voters using the method in non-VCA. Polling places were commonly used by Chinese (6 thousand or 6.8%), Indian (3 thousand or 7.2%), Filipino (nearly 5 thousand or 7.8%), Japanese (750 or 7.4%), Korean (925 or 6.9%), Vietnamese (1 thousand or 7.6%), and all 'other' AAPI voters (6 thousand or 9.9%). In-person voting at a vote center and casting a nonprovisional CVR and provisional CVR were utilized at much lower rates than vote-by-mail and polling places.

Table 8 below shows that, in VCA counties, vote-by-mail was the preferred method of voting for AAPI voters (1.2 million or 89.9%) and preferred by Chinese (321 thousand or 90.7%), Indian (183 thousand or 90.7%), Filipino (204 thousand or 90.1%), Japanese (63 thousand or 90.9%), Korean (104 thousand or 90.2%), Vietnamese (184 thousand or 90.0%), and all 'other' AAPI voters (235 thousand or 87.8%) across VCA counties. The next most utilized method was voting in person at a vote center, with 137 thousand or 9.5% of AAPI voters using the method in VCA counties. Vote centers were commonly used by Chinese (30 thousand or 8.7%), Indian (17 thousand or 8.7%), Filipino (21 thousand or 9.5%), Japanese (6 thousand or 8.7%), Korean (10 thousand or 9.2%), Vietnamese (19 thousand or 9.6%), and all 'other' AAPI voters (31 thousand or 11.6%) across VCA counties. In-person voting at a polling place and casting a nonprovisional CVR and provisional CVR were utilized at much lower rates than vote-by-mail and vote centers. A total of 7,046, or 0.5%, of AAPI voters, voted using a provisional CVR.

Table 8: Voting Methods by AAPI Subethnic Group

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Statewide	AAPI	1,592,400	90.3%	137,663	7.8%	25,013	1.4%	269	0.0%	7,798	0.4%
	Chinese	413,175	91.2%	30,965	6.8%	6,776	1.5%	32	0.0%	2,038	0.4%
	Indian	228,648	91.0%	17,607	7.0%	3,499	1.4%	54	0.0%	1,434	0.6%
	Filipino	265,093	90.6%	21,436	7.3%	5,156	1.8%	55	0.0%	1,001	0.3%
	Japanese	72,480	91.1%	6,073	7.6%	750	0.9%	11	0.0%	270	0.3%
	Korean	116,774	90.5%	10,680	8.3%	925	0.7%	7	0.0%	665	0.5%
	Vietnamese	202,050	90.1%	19,727	8.8%	1,426	0.6%	18	0.0%	914	0.4%
	Other	294,179	88.2%	31,176	9.4%	6,482	1.9%	92	0.0%	1,476	0.4%
Non-VCA	AAPI	295,662	92.0%	3	0.0%	25,010	7.8%	24	0.0%	752	0.2%
	Chinese	92,133	93.0%	1	0.0%	6,776	6.8%	3	0.0%	179	0.2%
	Indian	44,735	92.5%	0	0.0%	3,499	7.2%	3	0.0%	149	0.3%
	Filipino	60,611	92.0%	0	0.0%	5,155	7.8%	5	0.0%	144	0.2%
	Japanese	9,405	92.4%	0	0.0%	750	7.4%	1	0.0%	24	0.2%
	Korean	12,404	92.8%	0	0.0%	925	6.9%	0	0.0%	38	0.3%
	Vietnamese	17,379	92.2%	0	0.0%	1,426	7.6%	2	0.0%	49	0.3%
	Other	58,994	89.9%	2	0.0%	6,480	9.9%	11	0.0%	168	0.3%
VCA (Including Los Angeles)	AAPI	1,296,739	89.9%	137,660	9.5%	3	0.0%	245	0.0%	7,046	0.5%
	Chinese	321,042	90.7%	30,964	8.7%	1	0.0%	29	0.0%	1,859	0.5%
	Indian	183,913	90.7%	17,607	8.7%	0	0.0%	51	0.0%	1,286	0.6%
	Filipino	204,482	90.1%	21,436	9.5%	0	0.0%	50	0.0%	856	0.4%
	Japanese	63,074	90.9%	6,073	8.7%	0	0.0%	10	0.0%	246	0.4%
	Korean	104,371	90.2%	10,680	9.2%	0	0.0%	7	0.0%	628	0.5%
	Vietnamese	184,670	90.0%	19,727	9.6%	0	0.0%	16	0.0%	864	0.4%
	Other	235,186	87.8%	31,174	11.6%	2	0.0%	81	0.0%	1,308	0.5%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
VCA (Excluding Los Angeles)	AAPI	976,220	91.7%	82,987	7.8%	3	0.0%	245	0.0%	4,837	0.5%
	Chinese	229,238	92.7%	16,836	6.8%	1	0.0%	29	0.0%	1,222	0.5%
	Indian	158,565	92.0%	12,707	7.4%	0	0.0%	51	0.0%	980	0.6%
	Filipino	153,859	92.2%	12,431	7.4%	0	0.0%	50	0.0%	583	0.3%
	Japanese	36,535	92.6%	2,738	6.9%	0	0.0%	10	0.0%	152	0.4%
	Korean	61,805	91.4%	5,449	8.1%	0	0.0%	7	0.0%	341	0.5%
	Vietnamese	160,836	90.8%	15,478	8.7%	0	0.0%	16	0.0%	708	0.4%
	Other	175,381	90.6%	17,348	9.0%	2	0.0%	81	0.0%	852	0.4%
Alameda*	AAPI	150,974	92.9%	10,492	6.5%	0	0.0%	0	0.0%	989	0.6%
	Chinese	52,379	94.0%	3,067	5.5%	0	0.0%	0	0.0%	300	0.5%
	Indian	33,785	91.4%	2,873	7.8%	0	0.0%	0	0.0%	291	0.8%
	Filipino	21,009	92.8%	1,550	6.8%	0	0.0%	0	0.0%	84	0.4%
	Japanese	5,156	95.8%	208	3.9%	0	0.0%	0	0.0%	20	0.4%
	Korean	5,644	93.5%	325	5.4%	0	0.0%	0	0.0%	66	1.1%
	Vietnamese	11,365	93.0%	785	6.4%	0	0.0%	0	0.0%	66	0.5%
	Other	21,636	92.1%	1,684	7.2%	0	0.0%	0	0.0%	163	0.7%
Alpine	AAPI	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Chinese	0	-	0	-	0	-	0	-	0	-
	Indian	0	-	0	-	0	-	0	-	0	-
	Filipino	0	-	0	-	0	-	0	-	0	-
	Japanese	0	-	0	-	0	-	0	-	0	-
	Korean	0	-	0	-	0	-	0	-	0	-
	Vietnamese	0	-	0	-	0	-	0	-	0	-
	Other	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Amador*	AAPI	165	96.0%	7	4.0%	0	0.0%	0	0.1%	0	0.0%
	Chinese	19	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Indian	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	48	98.0%	1	2.0%	0	0.0%	0	0.0%	0	0.0%
	Japanese	7	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	5	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	77	92.8%	6	7.0%	0	0.0%	0	0.1%	0	0.0%
Butte*	AAPI	2,113	98.8%	16	0.8%	0	0.0%	0	0.0%	10	0.5%
	Chinese	194	98.4%	2	1.0%	0	0.0%	0	0.0%	1	0.5%
	Indian	188	99.5%	1	0.5%	0	0.0%	0	0.0%	0	0.1%
	Filipino	282	98.4%	2	0.8%	0	0.0%	0	0.0%	2	0.8%
	Japanese	53	98.0%	1	1.2%	0	0.0%	0	0.0%	0	0.8%
	Korean	80	98.4%	1	1.2%	0	0.0%	0	0.0%	0	0.5%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Vietnamese	74	99.0%	0	0.1%	0	0.0%	0	0.0%	1	0.9%
	Other	1,243	98.8%	10	0.8%	0	0.0%	0	0.0%	5	0.4%
Calaveras*	AAPI	293	91.7%	22	6.9%	0	0.0%	4	1.3%	0	0.0%
	Chinese	37	92.9%	3	7.1%	0	0.0%	0	0.0%	0	0.0%
	Indian	8	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	89	92.2%	6	6.1%	0	0.0%	2	1.7%	0	0.0%
	Japanese	3	99.1%	0	0.9%	0	0.0%	0	0.0%	0	0.0%
	Korean	17	90.5%	2	9.5%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	16	93.9%	1	2.9%	0	0.0%	1	3.1%	0	0.0%
	Other	122	90.2%	11	8.2%	0	0.0%	2	1.6%	0	0.0%
Colusa	AAPI	76	94.6%	0	0.0%	4	5.4%	0	0.0%	0	0.0%
	Chinese	5	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Indian	13	92.7%	0	0.0%	1	7.3%	0	0.0%	0	0.0%
	Filipino	20	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Japanese	0	-	0	-	0	-	0	-	0	-
	Korean	0	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	37	91.6%	0	0.0%	3	8.4%	0	0.0%	0	0.0%
Contra Costa	AAPI	64,867	93.1%	0	0.0%	4,708	6.8%	0	0.0%	113	0.2%
	Chinese	16,393	94.1%	0	0.0%	997	5.7%	0	0.0%	22	0.1%
	Indian	12,382	92.8%	0	0.0%	944	7.1%	0	0.0%	22	0.2%
	Filipino	14,382	93.2%	0	0.0%	1,021	6.6%	0	0.0%	21	0.1%
	Japanese	2,089	94.4%	0	0.0%	120	5.4%	0	0.0%	4	0.2%
	Korean	2,923	94.0%	0	0.0%	181	5.8%	0	0.0%	6	0.2%
	Vietnamese	2,763	92.1%	0	0.0%	232	7.7%	0	0.0%	4	0.1%
	Other	13,935	91.8%	0	0.0%	1,212	8.0%	0	0.0%	33	0.2%
Del Norte	AAPI	119	89.3%	0	0.0%	14	10.6%	0	0.0%	0	0.1%
	Chinese	14	92.6%	0	0.0%	1	7.4%	0	0.0%	0	0.0%
	Indian	9	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	18	80.9%	0	0.0%	4	19.1%	0	0.0%	0	0.0%
	Japanese	8	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	9	98.5%	0	0.0%	0	1.5%	0	0.0%	0	0.0%
	Vietnamese	7	89.6%	0	0.0%	1	10.4%	0	0.0%	0	0.0%
	Other	55	87.1%	0	0.0%	8	12.6%	0	0.0%	0	0.3%
El Dorado*	AAPI	3,229	91.8%	269	7.7%	0	0.0%	8	0.2%	12	0.3%
	Chinese	468	92.9%	34	6.8%	0	0.0%	1	0.1%	1	0.2%
	Indian	608	92.4%	47	7.1%	0	0.0%	1	0.2%	3	0.4%
	Filipino	651	91.1%	59	8.3%	0	0.0%	2	0.3%	2	0.3%
	Japanese	102	93.9%	6	5.1%	0	0.0%	0	0.0%	1	1.0%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Korean	177	90.4%	16	8.3%	0	0.0%	1	0.5%	1	0.7%
	Vietnamese	241	88.6%	30	11.0%	0	0.0%	0	0.1%	1	0.2%
	Other	981	92.2%	77	7.2%	0	0.0%	2	0.2%	3	0.3%
Fresno*	AAPI	17,915	91.0%	1,610	8.2%	0	0.0%	116	0.6%	40	0.2%
	Chinese	1,412	92.1%	107	7.0%	0	0.0%	9	0.6%	5	0.3%
	Indian	4,625	93.1%	306	6.2%	0	0.0%	27	0.5%	12	0.2%
	Filipino	2,185	90.8%	197	8.2%	0	0.0%	18	0.7%	7	0.3%
	Japanese	581	91.8%	46	7.3%	0	0.0%	5	0.7%	1	0.1%
	Korean	295	90.6%	29	9.0%	0	0.0%	1	0.4%	0	0.1%
	Vietnamese	759	91.5%	64	7.8%	0	0.0%	5	0.6%	0	0.1%
	Other	8,058	89.7%	860	9.6%	0	0.0%	51	0.6%	15	0.2%
Glenn	AAPI	75	91.9%	0	0.0%	7	8.0%	0	0.0%	0	0.1%
	Chinese	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Indian	4	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	12	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Japanese	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	2	50.0%	0	0.0%	2	50.0%	0	0.0%	0	0.0%
	Vietnamese	0	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	52	91.9%	0	0.0%	5	8.0%	0	0.0%	0	0.1%
Humboldt	AAPI	682	90.1%	0	0.0%	74	9.8%	0	0.0%	1	0.2%
	Chinese	101	91.2%	0	0.0%	10	8.8%	0	0.0%	0	0.0%
	Indian	23	92.8%	0	0.0%	2	7.2%	0	0.0%	0	0.1%
	Filipino	83	86.9%	0	0.0%	12	13.1%	0	0.0%	0	0.0%
	Japanese	40	94.5%	0	0.0%	2	5.5%	0	0.0%	0	0.0%
	Korean	33	91.8%	0	0.0%	3	8.0%	0	0.0%	0	0.2%
	Vietnamese	45	88.9%	0	0.0%	6	11.1%	0	0.0%	0	0.0%
	Other	357	89.8%	0	0.0%	39	9.9%	0	0.0%	1	0.3%
Imperial	AAPI	352	95.2%	0	0.0%	17	4.6%	0	0.0%	1	0.3%
	Chinese	88	94.7%	0	0.0%	4	4.3%	0	0.0%	1	1.1%
	Indian	67	99.6%	0	0.0%	0	0.4%	0	0.0%	0	0.0%
	Filipino	49	91.6%	0	0.0%	4	8.4%	0	0.0%	0	0.0%
	Japanese	10	97.4%	0	0.0%	0	2.6%	0	0.0%	0	0.0%
	Korean	31	95.9%	0	0.0%	1	4.1%	0	0.0%	0	0.0%
	Vietnamese	19	94.5%	0	0.0%	1	5.5%	0	0.0%	0	0.0%
	Other	88	94.1%	0	0.0%	5	5.9%	0	0.0%	0	0.1%
Inyo	AAPI	87	91.8%	0	0.0%	7	7.1%	0	0.0%	1	1.1%
	Chinese	12	91.6%	0	0.0%	1	5.6%	0	0.0%	0	2.8%
	Indian	7	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	16	92.0%	0	0.0%	1	7.2%	0	0.0%	0	0.8%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Japanese	7	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	4	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	2	82.1%	0	0.0%	0	12.1%	0	0.0%	0	5.8%
	Other	38	88.8%	0	0.0%	4	10.4%	0	0.0%	0	0.8%
Kern	AAPI	9,030	92.4%	0	0.0%	705	7.2%	0	0.0%	36	0.4%
	Chinese	730	92.9%	0	0.0%	52	6.6%	0	0.0%	3	0.4%
	Indian	3,092	94.3%	0	0.0%	165	5.0%	0	0.0%	23	0.7%
	Filipino	2,479	92.2%	0	0.0%	208	7.7%	0	0.0%	3	0.1%
	Japanese	140	89.6%	0	0.0%	16	10.2%	0	0.0%	0	0.2%
	Korean	282	92.7%	0	0.0%	22	7.1%	0	0.0%	1	0.2%
	Vietnamese	361	91.7%	0	0.0%	32	8.2%	0	0.0%	0	0.1%
	Other	1,948	90.1%	0	0.0%	210	9.7%	0	0.0%	5	0.2%
Kings*	AAPI	812	89.8%	90	10.0%	0	0.0%	0	0.0%	2	0.2%
	Chinese	79	99.0%	1	1.0%	0	0.0%	0	0.0%	0	0.0%
	Indian	94	96.9%	3	3.1%	0	0.0%	0	0.0%	0	0.0%
	Filipino	290	86.2%	47	13.8%	0	0.0%	0	0.0%	0	0.0%
	Japanese	72	93.4%	5	6.6%	0	0.0%	0	0.0%	0	0.0%
	Korean	17	96.6%	1	3.4%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	23	67.8%	10	29.3%	0	0.0%	0	0.0%	1	2.9%
	Other	237	90.5%	24	9.2%	0	0.0%	0	0.0%	1	0.3%
Lake	AAPI	207	92.8%	0	0.0%	16	7.0%	0	0.0%	0	0.2%
	Chinese	15	94.3%	0	0.0%	1	5.7%	0	0.0%	0	0.0%
	Indian	11	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	39	95.1%	0	0.0%	2	4.9%	0	0.0%	0	0.0%
	Japanese	4	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	14	94.2%	0	0.0%	1	5.8%	0	0.0%	0	0.0%
	Vietnamese	14	93.0%	0	0.0%	1	7.0%	0	0.0%	0	0.0%
	Other	110	90.7%	0	0.0%	11	9.0%	0	0.0%	0	0.3%
Lassen	AAPI	78	95.9%	0	0.0%	3	4.1%	0	0.0%	0	0.0%
	Chinese	14	95.6%	0	0.0%	1	4.4%	0	0.0%	0	0.0%
	Indian	0	74.5%	0	0.0%	0	25.5%	0	0.0%	0	0.0%
	Filipino	12	97.6%	0	0.0%	0	2.4%	0	0.0%	0	0.0%
	Japanese	6	98.8%	0	0.0%	0	1.2%	0	0.0%	0	0.0%
	Korean	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	42	95.0%	0	0.0%	2	5.0%	0	0.0%	0	0.0%
Los Angeles*	AAPI	320,519	84.9%	54,672	14.5%	0	0.0%	0	0.0%	2,209	0.6%
	Chinese	91,805	86.1%	14,128	13.3%	0	0.0%	0	0.0%	637	0.6%
	Indian	25,348	83.0%	4,900	16.0%	0	0.0%	0	0.0%	306	1.0%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Filipino	50,623	84.5%	9,005	15.0%	0	0.0%	0	0.0%	273	0.5%
	Japanese	26,540	88.6%	3,335	11.1%	0	0.0%	0	0.0%	94	0.3%
	Korean	42,565	88.5%	5,230	10.9%	0	0.0%	0	0.0%	286	0.6%
	Vietnamese	23,834	84.4%	4,249	15.0%	0	0.0%	0	0.0%	157	0.6%
	Other	59,804	80.7%	13,826	18.7%	0	0.0%	0	0.0%	456	0.6%
Madera*	AAPI	911	92.3%	70	7.1%	0	0.0%	2	0.2%	4	0.4%
	Chinese	82	94.5%	4	4.1%	0	0.0%	1	0.9%	0	0.6%
	Indian	318	93.5%	21	6.0%	0	0.0%	1	0.3%	1	0.1%
	Filipino	148	93.3%	10	6.2%	0	0.0%	0	0.0%	1	0.4%
	Japanese	23	96.0%	1	4.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	20	93.7%	1	4.6%	0	0.0%	0	0.0%	0	1.7%
	Vietnamese	4	45.9%	4	43.5%	0	0.0%	0	0.0%	1	10.6%
	Other	316	91.1%	30	8.6%	0	0.0%	0	0.1%	1	0.1%
Marin*	AAPI	6,746	94.8%	351	4.9%	0	0.0%	0	0.0%	18	0.2%
	Chinese	1,836	95.5%	83	4.3%	0	0.0%	0	0.0%	3	0.2%
	Indian	789	94.7%	42	5.0%	0	0.0%	0	0.0%	2	0.3%
	Filipino	665	94.8%	34	4.9%	0	0.0%	0	0.0%	2	0.3%
	Japanese	539	96.1%	21	3.7%	0	0.0%	0	0.0%	1	0.3%
	Korean	589	95.8%	23	3.8%	0	0.0%	0	0.0%	3	0.4%
	Vietnamese	481	94.6%	27	5.3%	0	0.0%	0	0.0%	1	0.1%
	Other	1,847	93.6%	121	6.1%	0	0.0%	0	0.0%	5	0.3%
Mariposa*	AAPI	83	99.9%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Chinese	27	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Indian	9	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	8	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Japanese	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	32	99.8%	0	0.0%	0	0.0%	0	0.1%	0	0.1%
Mendocino	AAPI	405	98.7%	0	0.0%	5	1.3%	0	0.0%	0	0.0%
	Chinese	101	99.2%	0	0.0%	1	0.8%	0	0.0%	0	0.0%
	Indian	43	99.4%	0	0.0%	0	0.6%	0	0.0%	0	0.0%
	Filipino	57	99.9%	0	0.0%	0	0.1%	0	0.0%	0	0.0%
	Japanese	22	99.0%	0	0.0%	0	1.0%	0	0.0%	0	0.0%
	Korean	29	98.8%	0	0.0%	0	1.2%	0	0.0%	0	0.0%
	Vietnamese	30	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	124	97.1%	0	0.0%	4	2.9%	0	0.0%	0	0.0%
Merced*	AAPI	3,806	94.6%	213	5.3%	0	0.0%	0	0.0%	6	0.2%
	Chinese	282	93.9%	17	5.7%	0	0.0%	0	0.0%	1	0.4%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Indian	1,254	95.3%	59	4.5%	0	0.0%	0	0.0%	2	0.2%
	Filipino	406	94.8%	22	5.2%	0	0.0%	0	0.0%	0	0.0%
	Japanese	35	96.5%	1	3.3%	0	0.0%	0	0.0%	0	0.2%
	Korean	105	92.7%	8	7.2%	0	0.0%	0	0.0%	0	0.1%
	Vietnamese	98	94.0%	6	5.9%	0	0.0%	0	0.0%	0	0.1%
	Other	1,626	94.1%	99	5.7%	0	0.0%	0	0.0%	2	0.1%
Modoc	AAPI	24	93.8%	0	0.0%	2	6.2%	0	0.0%	0	0.0%
	Chinese	1	53.3%	0	0.0%	1	46.7%	0	0.0%	0	0.0%
	Indian	0	-	0	-	0	-	0	-	0	-
	Filipino	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Japanese	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	14	95.8%	0	0.0%	1	4.2%	0	0.0%	0	0.0%
Mono	AAPI	74	95.5%	0	0.0%	3	4.3%	0	0.0%	0	0.2%
	Chinese	7	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Indian	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	7	99.6%	0	0.0%	0	0.4%	0	0.0%	0	0.0%
	Japanese	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	3	74.4%	0	0.0%	1	25.6%	0	0.0%	0	0.0%
	Vietnamese	16	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	38	93.9%	0	0.0%	2	5.8%	0	0.0%	0	0.3%
Monterey	AAPI	6,313	95.3%	0	0.0%	290	4.4%	0	0.0%	22	0.3%
	Chinese	758	95.8%	0	0.0%	30	3.8%	0	0.0%	3	0.4%
	Indian	465	96.3%	0	0.0%	17	3.5%	0	0.0%	1	0.3%
	Filipino	1,858	95.3%	0	0.0%	86	4.4%	0	0.0%	6	0.3%
	Japanese	466	95.1%	0	0.0%	21	4.4%	0	0.0%	2	0.5%
	Korean	570	96.1%	0	0.0%	20	3.3%	0	0.0%	4	0.6%
	Vietnamese	448	95.8%	0	0.0%	19	4.0%	0	0.0%	1	0.2%
	Other	1,748	94.4%	0	0.0%	98	5.3%	0	0.0%	5	0.3%
Napa*	AAPI	3,097	94.7%	142	4.4%	0	0.0%	6	0.2%	24	0.7%
	Chinese	193	95.4%	8	3.9%	0	0.0%	0	0.1%	1	0.6%
	Indian	286	94.6%	13	4.4%	0	0.0%	0	0.1%	3	0.9%
	Filipino	1,560	93.8%	84	5.1%	0	0.0%	4	0.2%	15	0.9%
	Japanese	108	96.0%	2	2.1%	0	0.0%	0	0.3%	2	1.6%
	Korean	75	95.0%	3	4.0%	0	0.0%	0	0.0%	1	1.0%
	Vietnamese	109	95.5%	3	2.7%	0	0.0%	1	0.6%	1	1.2%
	Other	768	96.2%	28	3.5%	0	0.0%	1	0.1%	2	0.2%
Nevada*	AAPI	478	92.2%	34	6.6%	0	0.0%	0	0.0%	6	1.1%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Chinese	121	91.9%	9	6.6%	0	0.0%	0	0.0%	2	1.5%
	Indian	25	75.4%	6	18.4%	0	0.0%	0	0.0%	2	6.1%
	Filipino	47	99.6%	0	0.4%	0	0.0%	0	0.0%	0	0.0%
	Japanese	82	92.6%	6	6.2%	0	0.0%	0	0.0%	1	1.1%
	Korean	26	96.3%	1	3.7%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	16	94.2%	1	5.8%	0	0.0%	0	0.0%	0	0.0%
	Other	160	92.6%	12	7.0%	0	0.0%	0	0.0%	1	0.5%
Orange*	AAPI	223,518	87.4%	30,958	12.1%	0	0.0%	0	0.0%	1,120	0.4%
	Chinese	36,193	87.5%	4,940	11.9%	0	0.0%	0	0.0%	225	0.5%
	Indian	19,558	87.5%	2,677	12.0%	0	0.0%	0	0.0%	115	0.5%
	Filipino	22,659	87.3%	3,188	12.3%	0	0.0%	0	0.0%	109	0.4%
	Japanese	8,773	87.6%	1,200	12.0%	0	0.0%	0	0.0%	44	0.4%
	Korean	30,426	89.3%	3,531	10.4%	0	0.0%	0	0.0%	133	0.4%
	Vietnamese	70,009	88.6%	8,700	11.0%	0	0.0%	0	0.0%	326	0.4%
	Other	35,901	83.9%	6,723	15.7%	0	0.0%	0	0.0%	167	0.4%
Placer	AAPI	14,739	92.2%	0	0.0%	1,226	7.7%	0	0.0%	27	0.2%
	Chinese	1,893	92.8%	0	0.0%	142	6.9%	0	0.0%	5	0.3%
	Indian	3,542	92.2%	0	0.0%	292	7.6%	0	0.0%	5	0.1%
	Filipino	3,417	92.7%	0	0.0%	260	7.1%	0	0.0%	8	0.2%
	Japanese	470	92.7%	0	0.0%	36	7.1%	0	0.0%	1	0.2%
	Korean	552	92.4%	0	0.0%	44	7.4%	0	0.0%	1	0.2%
	Vietnamese	992	93.2%	0	0.0%	71	6.7%	0	0.0%	2	0.2%
	Other	3,874	91.0%	0	0.0%	381	8.9%	0	0.0%	4	0.1%
Plumas	AAPI	52	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Chinese	9	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Indian	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Japanese	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	0	-	0	-	0	-	0	-	0	-
	Other	33	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Riverside*	AAPI	35,434	92.1%	2,764	7.2%	0	0.0%	0	0.0%	255	0.7%
	Chinese	4,456	92.3%	326	6.7%	0	0.0%	0	0.0%	47	1.0%
	Indian	3,590	93.5%	221	5.8%	0	0.0%	0	0.0%	29	0.8%
	Filipino	11,325	92.7%	823	6.7%	0	0.0%	0	0.0%	66	0.5%
	Japanese	914	93.4%	59	6.0%	0	0.0%	0	0.0%	6	0.6%
	Korean	2,130	92.7%	154	6.7%	0	0.0%	0	0.0%	15	0.6%
	Vietnamese	3,224	91.9%	260	7.4%	0	0.0%	0	0.0%	22	0.6%
	Other	9,796	90.8%	921	8.5%	0	0.0%	0	0.0%	71	0.7%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Sacramento*	AAPI	73,153	95.3%	3,183	4.1%	0	0.0%	0	0.0%	459	0.6%
	Chinese	12,674	95.8%	483	3.7%	0	0.0%	0	0.0%	69	0.5%
	Indian	11,506	95.3%	483	4.0%	0	0.0%	0	0.0%	85	0.7%
	Filipino	13,218	95.2%	582	4.2%	0	0.0%	0	0.0%	82	0.6%
	Japanese	2,874	96.3%	98	3.3%	0	0.0%	0	0.0%	13	0.4%
	Korean	2,129	96.0%	75	3.4%	0	0.0%	0	0.0%	13	0.6%
	Vietnamese	9,929	95.3%	436	4.2%	0	0.0%	0	0.0%	52	0.5%
	Other	20,824	94.7%	1,025	4.7%	0	0.0%	0	0.0%	146	0.7%
San Benito*	AAPI	727	92.5%	51	6.5%	0	0.0%	8	1.0%	0	0.0%
	Chinese	43	91.5%	4	8.4%	0	0.0%	0	0.1%	0	0.0%
	Indian	49	89.4%	3	6.2%	0	0.0%	2	4.5%	0	0.0%
	Filipino	291	92.9%	21	6.6%	0	0.0%	2	0.5%	0	0.0%
	Japanese	51	95.9%	2	3.5%	0	0.0%	0	0.7%	0	0.0%
	Korean	32	94.2%	2	4.7%	0	0.0%	0	1.1%	0	0.0%
	Vietnamese	68	90.7%	6	8.4%	0	0.0%	1	0.8%	0	0.0%
	Other	194	92.3%	14	6.5%	0	0.0%	3	1.2%	0	0.0%
San Bernardino	AAPI	34,874	90.6%	0	0.0%	3,454	9.0%	0	0.0%	147	0.4%
	Chinese	7,977	92.0%	0	0.0%	654	7.5%	0	0.0%	38	0.4%
	Indian	4,026	90.1%	0	0.0%	424	9.5%	0	0.0%	19	0.4%
	Filipino	8,322	90.8%	0	0.0%	806	8.8%	0	0.0%	37	0.4%
	Japanese	1,337	91.7%	0	0.0%	115	7.9%	0	0.0%	6	0.4%
	Korean	2,902	93.6%	0	0.0%	189	6.1%	0	0.0%	9	0.3%
	Vietnamese	3,294	92.1%	0	0.0%	264	7.4%	0	0.0%	19	0.5%
	Other	7,017	87.3%	0	0.0%	1,001	12.5%	0	0.0%	19	0.2%
San Diego*	AAPI	108,408	92.1%	8,941	7.6%	0	0.0%	0	0.0%	410	0.3%
	Chinese	20,225	93.1%	1,392	6.4%	0	0.0%	0	0.0%	109	0.5%
	Indian	12,196	91.9%	1,011	7.6%	0	0.0%	0	0.0%	63	0.5%
	Filipino	28,074	91.8%	2,450	8.0%	0	0.0%	0	0.0%	50	0.2%
	Japanese	5,499	93.2%	388	6.6%	0	0.0%	0	0.0%	16	0.3%
	Korean	5,752	92.9%	408	6.6%	0	0.0%	0	0.0%	34	0.5%
	Vietnamese	15,178	92.1%	1,239	7.5%	0	0.0%	0	0.0%	58	0.4%
	Other	21,483	91.0%	2,053	8.7%	0	0.0%	0	0.0%	80	0.3%
San Francisco	AAPI	102,881	91.9%	0	0.0%	8,940	8.0%	0	0.0%	149	0.1%
	Chinese	58,391	92.9%	0	0.0%	4,377	7.0%	0	0.0%	62	0.1%
	Indian	7,052	90.4%	0	0.0%	720	9.2%	0	0.0%	26	0.3%
	Filipino	10,671	92.1%	0	0.0%	903	7.8%	0	0.0%	13	0.1%
	Japanese	3,093	91.4%	0	0.0%	286	8.4%	0	0.0%	5	0.1%
	Korean	3,706	91.0%	0	0.0%	358	8.8%	0	0.0%	8	0.2%
	Vietnamese	6,118	92.0%	0	0.0%	525	7.9%	0	0.0%	9	0.1%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Other	13,850	88.5%	0	0.0%	1,772	11.3%	0	0.0%	25	0.2%
San Joaquin	AAPI	26,410	92.3%	0	0.0%	2,101	7.3%	0	0.0%	95	0.3%
	Chinese	1,956	92.7%	0	0.0%	146	6.9%	0	0.0%	8	0.4%
	Indian	7,637	93.1%	0	0.0%	535	6.5%	0	0.0%	31	0.4%
	Filipino	7,674	92.7%	0	0.0%	586	7.1%	0	0.0%	20	0.2%
	Japanese	378	93.7%	0	0.0%	25	6.1%	0	0.0%	1	0.2%
	Korean	293	94.8%	0	0.0%	15	4.8%	0	0.0%	1	0.4%
	Vietnamese	1,830	92.6%	0	0.0%	139	7.1%	0	0.0%	7	0.4%
	Other	6,643	90.7%	0	0.0%	654	8.9%	0	0.0%	27	0.4%
San Luis Obispo	AAPI	2,913	94.8%	0	0.0%	144	4.7%	0	0.0%	14	0.5%
	Chinese	441	95.5%	0	0.0%	17	3.7%	0	0.0%	4	0.8%
	Indian	204	96.1%	0	0.0%	7	3.4%	0	0.0%	1	0.5%
	Filipino	702	94.5%	0	0.0%	38	5.1%	0	0.0%	3	0.4%
	Japanese	171	93.3%	0	0.0%	11	6.0%	0	0.0%	1	0.7%
	Korean	191	95.4%	0	0.0%	8	4.2%	0	0.0%	1	0.5%
	Vietnamese	140	95.4%	0	0.0%	5	3.6%	0	0.0%	1	1.0%
	Other	1,064	94.6%	0	0.0%	58	5.1%	0	0.0%	3	0.3%
San Mateo*	AAPI	73,683	93.9%	4,537	5.8%	0	0.0%	0	0.0%	253	0.3%
	Chinese	26,841	94.2%	1,556	5.5%	0	0.0%	0	0.0%	99	0.3%
	Indian	8,056	93.0%	568	6.6%	0	0.0%	0	0.0%	38	0.4%
	Filipino	19,845	94.2%	1,171	5.6%	0	0.0%	0	0.0%	58	0.3%
	Japanese	2,658	94.2%	154	5.4%	0	0.0%	0	0.0%	10	0.4%
	Korean	2,265	94.3%	129	5.4%	0	0.0%	0	0.0%	9	0.4%
	Vietnamese	1,730	93.5%	115	6.2%	0	0.0%	0	0.0%	5	0.3%
	Other	12,288	93.3%	844	6.4%	0	0.0%	0	0.0%	34	0.3%
Santa Barbara	AAPI	5,723	90.6%	0	0.0%	523	8.3%	0	0.0%	68	1.1%
	Chinese	1,176	89.1%	0	0.0%	118	8.9%	0	0.0%	26	1.9%
	Indian	460	89.4%	0	0.0%	49	9.5%	0	0.0%	6	1.1%
	Filipino	1,132	92.6%	0	0.0%	85	6.9%	0	0.0%	6	0.5%
	Japanese	438	92.9%	0	0.0%	31	6.6%	0	0.0%	2	0.5%
	Korean	377	90.9%	0	0.0%	33	8.0%	0	0.0%	5	1.2%
	Vietnamese	423	91.4%	0	0.0%	37	8.0%	0	0.0%	3	0.7%
	Other	1,717	90.0%	0	0.0%	170	8.9%	0	0.0%	21	1.1%
Santa Clara*	AAPI	228,166	93.0%	16,203	6.6%	0	0.0%	0	0.0%	1,026	0.4%
	Chinese	63,563	93.3%	4,288	6.3%	0	0.0%	0	0.0%	305	0.4%
	Indian	54,044	92.8%	3,880	6.7%	0	0.0%	0	0.0%	303	0.5%
	Filipino	23,552	93.4%	1,593	6.3%	0	0.0%	0	0.0%	78	0.3%
	Japanese	6,872	93.9%	416	5.7%	0	0.0%	0	0.0%	29	0.4%
	Korean	9,841	93.7%	604	5.8%	0	0.0%	0	0.0%	53	0.5%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Vietnamese	44,616	92.3%	3,582	7.4%	0	0.0%	0	0.0%	161	0.3%
	Other	25,677	93.0%	1,841	6.7%	0	0.0%	0	0.0%	95	0.3%
Santa Cruz*	AAPI	3,713	92.7%	232	5.8%	0	0.0%	9	0.2%	52	1.3%
	Chinese	847	92.8%	47	5.1%	0	0.0%	3	0.3%	17	1.8%
	Indian	357	91.4%	25	6.5%	0	0.0%	1	0.2%	7	1.9%
	Filipino	621	94.2%	32	4.8%	0	0.0%	2	0.3%	5	0.8%
	Japanese	410	93.6%	24	5.5%	0	0.0%	1	0.2%	3	0.7%
	Korean	230	94.2%	11	4.5%	0	0.0%	1	0.2%	3	1.1%
	Vietnamese	173	92.7%	11	6.1%	0	0.0%	0	0.1%	2	1.1%
	Other	1,074	91.6%	81	6.9%	0	0.0%	2	0.2%	15	1.3%
Shasta	AAPI	1,013	89.8%	0	0.0%	113	10.0%	0	0.0%	2	0.2%
	Chinese	145	87.7%	0	0.0%	20	12.3%	0	0.0%	0	0.0%
	Indian	117	92.6%	0	0.0%	9	7.4%	0	0.0%	0	0.0%
	Filipino	144	92.6%	0	0.0%	11	7.3%	0	0.0%	0	0.0%
	Japanese	39	95.2%	0	0.0%	2	4.6%	0	0.0%	0	0.1%
	Korean	36	89.6%	0	0.0%	4	10.3%	0	0.0%	0	0.1%
	Vietnamese	51	90.9%	0	0.0%	5	8.9%	0	0.0%	0	0.1%
	Other	481	88.5%	0	0.0%	61	11.2%	0	0.0%	2	0.3%
Sierra	AAPI	4	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Chinese	0	-	0	-	0	-	0	-	0	-
	Indian	0	-	0	-	0	-	0	-	0	-
	Filipino	0	-	0	-	0	-	0	-	0	-
	Japanese	0	-	0	-	0	-	0	-	0	-
	Korean	0	-	0	-	0	-	0	-	0	-
	Vietnamese	0	-	0	-	0	-	0	-	0	-
	Other	4	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Siskiyou	AAPI	156	81.1%	0	0.0%	33	17.2%	0	0.0%	3	1.7%
	Chinese	19	81.9%	0	0.0%	3	13.8%	0	0.0%	1	4.2%
	Indian	4	64.0%	0	0.0%	2	36.0%	0	0.0%	0	0.0%
	Filipino	19	74.8%	0	0.0%	6	21.8%	0	0.0%	1	3.5%
	Japanese	5	59.7%	0	0.0%	3	40.3%	0	0.0%	0	0.0%
	Korean	6	86.2%	0	0.0%	0	0.0%	0	0.0%	1	13.8%
	Vietnamese	0	-	0	-	0	-	0	-	0	-
	Other	102	84.3%	0	0.0%	19	15.4%	0	0.0%	0	0.3%
Solano	AAPI	16,481	88.5%	0	0.0%	2,092	11.2%	0	0.0%	49	0.3%
	Chinese	1,538	90.3%	0	0.0%	164	9.6%	0	0.0%	2	0.1%
	Indian	1,563	88.1%	0	0.0%	207	11.7%	0	0.0%	5	0.3%
	Filipino	8,461	89.1%	0	0.0%	1,012	10.7%	0	0.0%	25	0.3%
	Japanese	514	88.9%	0	0.0%	64	11.1%	0	0.0%	1	0.1%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Korean	343	90.8%	0	0.0%	34	8.9%	0	0.0%	1	0.3%
	Vietnamese	621	89.6%	0	0.0%	71	10.2%	0	0.0%	2	0.2%
	Other	3,441	86.1%	0	0.0%	541	13.5%	0	0.0%	14	0.3%
Sonoma*	AAPI	6,667	95.6%	278	4.0%	0	0.0%	6	0.1%	25	0.4%
	Chinese	1,324	96.1%	50	3.6%	0	0.0%	0	0.0%	3	0.2%
	Indian	725	95.5%	29	3.8%	0	0.0%	2	0.2%	4	0.5%
	Filipino	1,024	95.1%	49	4.5%	0	0.0%	1	0.1%	3	0.3%
	Japanese	399	95.7%	16	4.0%	0	0.0%	0	0.0%	1	0.3%
	Korean	442	96.1%	16	3.4%	0	0.0%	0	0.0%	3	0.5%
	Vietnamese	680	96.0%	23	3.3%	0	0.0%	2	0.3%	4	0.5%
	Other	2,072	95.2%	96	4.4%	0	0.0%	1	0.1%	8	0.4%
Stanislaus*	AAPI	6,816	94.1%	400	5.5%	0	0.0%	0	0.0%	28	0.4%
	Chinese	620	94.6%	32	4.9%	0	0.0%	0	0.0%	3	0.5%
	Indian	2,509	95.5%	109	4.2%	0	0.0%	0	0.0%	8	0.3%
	Filipino	730	92.5%	54	6.9%	0	0.0%	0	0.0%	5	0.6%
	Japanese	208	96.1%	8	3.7%	0	0.0%	0	0.0%	0	0.1%
	Korean	132	95.1%	6	4.2%	0	0.0%	0	0.0%	1	0.7%
	Vietnamese	383	93.5%	25	6.1%	0	0.0%	0	0.0%	2	0.4%
	Other	2,233	92.8%	165	6.8%	0	0.0%	0	0.0%	9	0.4%
Sutter	AAPI	4,883	96.8%	0	0.0%	150	3.0%	0	0.0%	11	0.2%
	Chinese	85	94.5%	0	0.0%	5	5.2%	0	0.0%	0	0.3%
	Indian	3,678	97.2%	0	0.0%	96	2.5%	0	0.0%	9	0.2%
	Filipino	201	97.3%	0	0.0%	5	2.6%	0	0.0%	0	0.1%
	Japanese	45	94.5%	0	0.0%	3	5.3%	0	0.0%	0	0.2%
	Korean	35	95.0%	0	0.0%	2	5.0%	0	0.0%	0	0.0%
	Vietnamese	46	92.8%	0	0.0%	4	7.1%	0	0.0%	0	0.1%
	Other	792	95.4%	0	0.0%	36	4.4%	0	0.0%	2	0.2%
Tehama	AAPI	142	85.1%	0	0.0%	25	14.8%	0	0.0%	0	0.1%
	Chinese	20	96.6%	0	0.0%	1	3.4%	0	0.0%	0	0.0%
	Indian	11	96.2%	0	0.0%	0	3.8%	0	0.0%	0	0.0%
	Filipino	15	71.8%	0	0.0%	6	28.2%	0	0.0%	0	0.0%
	Japanese	5	97.9%	0	0.0%	0	2.1%	0	0.0%	0	0.0%
	Korean	1	51.5%	0	0.0%	1	48.5%	0	0.0%	0	0.0%
	Vietnamese	12	80.5%	0	0.0%	3	19.5%	0	0.0%	0	0.0%
	Other	79	85.0%	0	0.0%	14	14.9%	0	0.0%	0	0.1%
Trinity	AAPI	63	94.3%	0	0.0%	3	4.2%	0	0.0%	1	1.5%
	Chinese	7	87.5%	0	0.0%	0	0.0%	0	0.0%	1	12.5%
	Indian	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Filipino	5	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Japanese	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	0	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	0	-	0	-	0	-	0	-	0	-
	Other	47	94.4%	0	0.0%	3	5.6%	0	0.0%	0	0.0%
Tulare	AAPI	2,167	87.7%	0	0.0%	275	11.1%	24	1.0%	6	0.2%
	Chinese	190	85.9%	0	0.0%	27	12.4%	3	1.3%	1	0.5%
	Indian	256	89.8%	0	0.0%	25	8.8%	3	1.1%	1	0.4%
	Filipino	679	88.1%	0	0.0%	86	11.2%	5	0.6%	1	0.1%
	Japanese	84	86.7%	0	0.0%	12	12.5%	1	0.8%	0	0.0%
	Korean	54	91.5%	0	0.0%	5	7.9%	0	0.5%	0	0.1%
	Vietnamese	82	91.4%	0	0.0%	6	6.5%	2	1.8%	0	0.3%
	Other	822	86.7%	0	0.0%	114	12.0%	11	1.1%	2	0.3%
Tuolumne*	AAPI	220	98.1%	4	1.9%	0	0.0%	0	0.0%	0	0.1%
	Chinese	32	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Indian	15	93.8%	1	6.2%	0	0.0%	0	0.0%	0	0.0%
	Filipino	65	98.1%	1	1.9%	0	0.0%	0	0.0%	0	0.0%
	Japanese	29	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Korean	9	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Vietnamese	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Other	69	97.0%	2	2.7%	0	0.0%	0	0.0%	0	0.3%
Ventura*	AAPI	17,996	91.1%	1,668	8.4%	0	0.0%	85	0.4%	15	0.1%
	Chinese	3,152	92.3%	247	7.2%	0	0.0%	15	0.5%	2	0.0%
	Indian	2,888	91.1%	264	8.3%	0	0.0%	17	0.5%	3	0.1%
	Filipino	4,273	90.9%	403	8.6%	0	0.0%	20	0.4%	4	0.1%
	Japanese	803	92.4%	62	7.1%	0	0.0%	4	0.4%	1	0.1%
	Korean	1,006	92.2%	80	7.3%	0	0.0%	4	0.3%	2	0.2%
	Vietnamese	1,244	90.4%	125	9.1%	0	0.0%	7	0.5%	1	0.0%
	Other	4,630	90.1%	487	9.5%	0	0.0%	19	0.4%	4	0.1%
Yolo*	AAPI	7,020	92.9%	455	6.0%	0	0.0%	0	0.0%	83	1.1%
	Chinese	2,127	92.7%	138	6.0%	0	0.0%	0	0.0%	29	1.3%
	Indian	1,082	93.8%	64	5.6%	0	0.0%	0	0.0%	8	0.7%
	Filipino	781	92.7%	51	6.0%	0	0.0%	0	0.0%	11	1.3%
	Japanese	275	93.7%	16	5.5%	0	0.0%	0	0.0%	3	0.9%
	Korean	354	92.7%	24	6.4%	0	0.0%	0	0.0%	4	1.0%
	Vietnamese	404	93.7%	24	5.5%	0	0.0%	0	0.0%	3	0.8%
	Other	1,996	92.4%	138	6.4%	0	0.0%	0	0.0%	26	1.2%
Yuba	AAPI	849	90.9%	0	0.0%	79	8.4%	0	0.0%	6	0.6%
	Chinese	56	90.6%	0	0.0%	4	6.9%	0	0.0%	2	2.6%
	Indian	65	97.5%	0	0.0%	1	2.2%	0	0.0%	0	0.3%

Jurisdiction	Subethnic Group	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Filipino	138	91.4%	0	0.0%	13	8.3%	0	0.0%	0	0.3%
	Japanese	35	93.0%	0	0.0%	2	6.4%	0	0.0%	0	0.7%
	Korean	5	93.1%	0	0.0%	0	6.9%	0	0.0%	0	0.0%
	Vietnamese	63	92.9%	0	0.0%	5	6.8%	0	0.0%	0	0.4%
	Other	487	89.6%	0	0.0%	53	9.8%	0	0.0%	3	0.6%

Takeaways

There were approximately 3.7 million registered AAPI voters statewide. We estimate that Chinese voters represented over 942 thousand or 25.3% of statewide registered AAPI voters. The number of registered Chinese voters is even more significant in non-VCA counties, comprising 29.3% of all non-VCA registered AAPI voters. Regardless of categorization, California statewide, non-VCA counties, or VCA counties, AAPI voters are well distributed. After Chinese voters, the next largest subethnic groups are all ‘other’ voters, followed by Filipino voters, then Indian Voters and Vietnamese voters, next Korean voters, and Japanese voters.

More than 1.7 million AAPI voters participated in the 2022 General Election in California. Approximately 452 thousand, or 25.7%, of the ballots of AAPI voters, came from Chinese voters.

There was a 47.3% turnout rate for voters estimated to be AAPI during the 2022 General Election. There is a significant variation in turnout across AAPI subethnic groups. The highest turnout rate among AAPI subethnic voters was Japanese voters with approximately 55.3% statewide. Chinese voters had a turnout rate of 48.1% across the state, 51.1% in non-VCA counties, and 47.3% in VCA counties including Los Angeles. In contrast, Vietnamese voters had the lowest turnout rate among any AAPI subethnic group. Indian voters had a turnout rate of 47.6% across the state, 46.9% in non-VCA counties, and 47.8% in VCA counties.

Regardless of statewide, non-VCA, or VCA categorization, the vast majority – 90% or above – of AAPI subethnic voters across the state utilized vote-by-mail to participate in the 2022 General Election. The only difference within AAPI subethnic groups is that ‘Other’ voters used in-person voting at 1- to 2.5-points higher rates than their other subethnic counterparts.

Voters Classified as American Indian and Alaska Native (AIAN)

Using self-reported data and AIAN geographic boundary spatial analysis, we analyzed the AIAN-classified electorate by voters who self-reported as AIAN and non-self-reporting voters who were geolocated to live within federal and state-recognized boundaries. We provide data on each of the fifty-eight California counties, as well as grouping counties into categories of 'statewide,' non-VCA, VCA (including Los Angeles), and VCA (excluding Los Angeles). Our AIAN classification analysis is covered in greater detail in the methodology section of this report.

As shown in Table 9 below, there were 70,442 registered voters estimated to be AIAN, or 0.3% of all statewide registered voters at the time of the 2022 General Election.

Also presented in Table 9, 20,754, or 0.4% of non-VCA registered voters were estimated to be AIAN.

Table 9 shows that 49,688, or 0.3% of VCA registered voters were estimated to be AIAN.

Table 9: Registered Voters by AIAN Classification

Jurisdiction	Total	AIAN	
Statewide	21,952,201	70,442	0.32%
Non-VCA	5,177,228	20,754	0.40%
VCA (Including Los Angeles)	16,774,973	49,688	0.30%
VCA (Excluding Los Angeles)	11,166,854	44,971	0.40%
Alameda*	927,493	808	0.09%
Alpine	913	120	13.14%
Amador*	25,875	160	0.62%
Butte*	124,320	2,660	2.14%
Calaveras*	32,230	172	0.53%
Colusa	10,105	75	0.74%
Contra Costa	702,823	969	0.14%
Del Norte	14,884	715	4.80%
El Dorado*	138,843	527	0.38%
Fresno*	499,683	1,304	0.26%
Glenn	14,331	131	0.91%

Jurisdiction	Total	AIAN	
Humboldt	85,070	2,278	2.68%
Imperial	86,891	570	0.66%
Inyo	10,682	923	8.64%
Kern	433,763	1,486	0.34%
Kings*	61,305	508	0.83%
Lake	36,987	526	1.42%
Lassen	14,642	300	2.05%
Los Angeles*	5,608,119	4,717	0.08%
Madera*	72,622	316	0.44%
Marin*	170,379	154	0.09%
Mariposa*	11,593	80	0.69%
Mendocino	52,550	1,136	2.16%
Merced*	124,907	323	0.26%
Modoc	5,209	82	1.57%
Mono	7,680	82	1.07%
Monterey	209,159	381	0.18%
Napa*	83,469	107	0.13%
Nevada*	74,309	214	0.29%
Orange*	1,822,728	1,948	0.11%
Placer	279,423	719	0.26%
Plumas	13,749	89	0.65%
Riverside*	1,315,220	24,450	1.86%
Sacramento*	868,125	2,165	0.25%
San Benito*	37,617	95	0.25%
San Bernardino	1,142,517	4,087	0.36%
San Diego*	1,916,466	4,701	0.25%
San Francisco	497,115	523	0.11%
San Joaquin	386,441	1,140	0.29%
San Luis Obispo	181,796	369	0.20%
San Mateo*	433,233	414	0.10%
Santa Barbara	238,528	727	0.30%
Santa Clara*	1,012,318	958	0.09%
Santa Cruz*	168,009	325	0.19%
Shasta	111,359	865	0.78%

Jurisdiction	Total	AIAN	
Sierra	2,212	3	0.14%
Siskiyou	28,611	427	1.49%
Solano	261,217	461	0.18%
Sonoma*	304,788	1,089	0.36%
Stanislaus*	281,556	23	0.01%
Sutter	53,004	189	0.36%
Tehama	37,161	210	0.57%
Trinity	7,283	55	0.76%
Tulare	209,829	1,096	0.52%
Tuolumne*	35,362	297	0.84%
Ventura*	505,994	805	0.16%
Yolo*	118,410	368	0.31%
Yuba	41,294	20	0.05%

Table 10 below shows the total number of ballots cast by AIAN-classified voters and the percentage of total ballots cast that they represented. Shown in Table 10 below, there were 37,591 participating voters estimated to be AIAN or 0.3% of all statewide ballots cast during the 2022 General Election.

Additionally, as shown in Table 10, an estimated 9,110 ballots, or 0.3% of the total ballots cast in non-VCA counties, were attributed to AIAN voters.

Table 10 additionally indicates that an estimated 28,481 ballots, representing 0.3% of the total ballots cast in VCA counties, were attributed to AIAN voters.

Table 10: Ballots Cast by AIAN Classification

Jurisdiction	Total	AIAN	
Statewide	11,069,817	37,591	0.3%
Non-VCA	2,631,946	9,110	0.3%
VCA (Including Los Angeles)	8,437,871	28,481	0.3%
VCA (Excluding Los Angeles)	5,998,777	26,418	0.4%
Alameda*	491,705	376	0.1%

Jurisdiction	Total	AIAN	
Alpine	621	35	5.6%
Amador*	18,790	98	0.5%
Butte*	72,762	1,264	1.7%
Calaveras*	21,526	92	0.4%
Colusa	5,577	35	0.6%
Contra Costa	393,135	498	0.1%
Del Norte	8,294	385	4.6%
El Dorado*	89,474	280	0.3%
Fresno*	220,505	519	0.2%
Glenn	7,933	50	0.6%
Humboldt	48,423	728	1.5%
Imperial	30,073	141	0.5%
Inyo	7,466	521	7.0%
Kern	188,830	702	0.4%
Kings*	26,903	131	0.5%
Lake	20,116	218	1.1%
Lassen	9,198	120	1.3%
Los Angeles*	2,439,094	2,063	0.1%
Madera*	37,105	138	0.4%
Marin*	120,696	88	0.1%
Mariposa*	7,891	44	0.6%
Mendocino	30,642	443	1.4%
Merced*	55,528	161	0.3%
Modoc	3,397	32	0.9%
Mono	4,574	30	0.7%
Monterey	102,664	191	0.2%
Napa*	50,793	43	0.1%
Nevada*	50,600	119	0.2%
Orange*	991,296	889	0.1%
Placer	183,397	390	0.2%
Plumas	8,654	34	0.4%
Riverside*	599,564	16,567	2.8%
Sacramento*	482,726	1,075	0.2%
San Benito*	19,726	49	0.2%
San Bernardino	455,006	1,740	0.4%
San Diego*	1,029,042	2,372	0.2%

Jurisdiction	Total	AIAN	
		Count	Percentage
San Francisco	305,341	304	0.1%
San Joaquin	177,406	492	0.3%
San Luis Obispo	120,230	215	0.2%
San Mateo*	251,297	219	0.1%
Santa Barbara	136,012	345	0.3%
Santa Clara*	549,731	420	0.1%
Santa Cruz*	104,998	164	0.2%
Shasta	68,697	402	0.6%
Sierra	1,579	3	0.2%
Siskiyou	17,604	189	1.1%
Solano	131,541	228	0.2%
Sonoma*	200,334	556	0.3%
Stanislaus*	131,314	12	0.0%
Sutter	28,454	80	0.3%
Tehama	20,695	104	0.5%
Trinity	4,498	26	0.6%
Tulare	92,122	418	0.5%
Tuolumne*	23,383	153	0.7%
Ventura*	283,327	410	0.1%
Yolo*	67,761	179	0.3%
Yuba	19,767	11	0.1%

Table 11 below shows the voter turnout rate by AIAN classification. Voter turnout rates are calculated by dividing the number of ballots cast by the number of registered voters for voters classified as AIAN.

Shown in Table 11 below are turnout rates for California statewide. Across all fifty-eight California counties, voters had an overall turnout rate of 50.4%. Non-AIAN classified voters had a turnout rate of 50.4%. Voters estimated to be AIAN in VCA counties had a turnout rate of 53.4% – approximately the same turnout average than the statewide average and non-AIAN turnout rate during the 2022 General Election.

Below in Table 11 are turnout rates for non-VCA counties. Turnout in non-VCA counties across all racial and ethnic groups was 50.8%. Non-AIAN classified voters had a rate of 50.9% of voters participating in the 2022 General Election. There was a 43.9% turnout rate among voters estimated to be AIAN.

In Table 11 are turnout rates for VCA counties. Across all VCA counties, voters had an overall turnout rate of 50.3%. Non-AIAN estimated voters also had a turnout rate of 50.3%. Voters estimated to be AIAN had a

turnout rate of 57.3% – higher than the statewide average and non-AIAN turnout rate during the 2022 General Election.

Table 11: Turnout by AIAN Classification

Jurisdiction	Total	Non-AIAN	AIAN
Statewide	50.4%	50.4%	53.4%
Non-VCA	50.8%	50.9%	43.9%
VCA (Including Los Angeles)	50.3%	50.3%	57.3%
VCA (Excluding Los Angeles)	53.7%	53.7%	58.7%
Alameda*	53.0%	53.0%	46.5%
Alpine	68.0%	73.9%	29.2%
Amador*	72.6%	72.7%	61.3%
Butte*	58.5%	58.8%	47.5%
Calaveras*	66.8%	66.9%	53.5%
Colusa	55.2%	55.3%	46.7%
Contra Costa	55.9%	55.9%	51.4%
Del Norte	55.7%	55.8%	53.8%
El Dorado*	64.4%	64.5%	53.1%
Fresno*	44.1%	44.1%	39.8%
Glenn	55.4%	55.5%	38.2%
Humboldt	56.9%	57.6%	32.0%
Imperial	34.6%	34.7%	24.7%
Inyo	69.9%	71.2%	56.4%
Kern	43.5%	43.5%	47.2%
Kings*	43.9%	44.0%	25.8%
Lake	54.4%	54.6%	41.4%
Lassen	62.8%	63.3%	40.0%
Los Angeles*	43.5%	43.5%	43.7%
Madera*	51.1%	51.1%	43.7%
Marin*	70.8%	70.9%	57.1%
Mariposa*	68.1%	68.2%	55.0%
Mendocino	58.3%	58.7%	39.0%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Total	Non-AIAN	AIAN
Merced*	44.5%	44.4%	49.8%
Modoc	65.2%	65.6%	39.0%
Mono	59.6%	59.8%	36.6%
Monterey	49.1%	49.1%	50.1%
Napa*	60.9%	60.9%	40.2%
Nevada*	68.1%	68.1%	55.6%
Orange*	54.4%	54.4%	45.6%
Placer	65.6%	65.7%	54.2%
Plumas	62.9%	63.1%	38.2%
Riverside*	45.6%	45.2%	67.8%
Sacramento*	55.6%	55.6%	49.7%
San Benito*	52.4%	52.4%	51.6%
San Bernardino	39.8%	39.8%	42.6%
San Diego*	53.7%	53.7%	50.5%
San Francisco	61.4%	61.4%	58.1%
San Joaquin	45.9%	45.9%	43.2%
San Luis Obispo	66.1%	66.2%	58.3%
San Mateo*	58.0%	58.0%	52.9%
Santa Barbara	57.0%	57.1%	47.5%
Santa Clara*	54.3%	54.3%	43.8%
Santa Cruz*	62.5%	62.5%	50.5%
Shasta	61.7%	61.8%	46.5%
Sierra	71.4%	71.3%	100.0%
Siskiyou	61.5%	61.8%	44.3%
Solano	50.4%	50.4%	49.5%
Sonoma*	65.7%	65.8%	51.1%
Stanislaus*	46.6%	46.6%	52.2%
Sutter	53.7%	53.7%	42.3%
Tehama	55.7%	55.7%	49.5%
Trinity	61.8%	61.9%	47.3%
Tulare	43.9%	43.9%	38.1%
Tuolumne*	66.1%	66.2%	51.5%
Ventura*	56.0%	56.0%	50.9%
Yolo*	57.2%	57.3%	48.6%

Jurisdiction	Total	Non-AIAN	AIAN
Yuba	47.9%	47.9%	55.0%

Table 12 below shows the voting methods used by AIAN-classified voters during the 2022 General Election. Below, the table shows that vote-by-mail was the overall preferred method of voting for statewide AIAN voters, with 33 thousand, or 88.8%, using a mail ballot. The next most utilized method for AIAN classified voters was in-person vote centers, with 2,569, or 6.8%, casting their ballot with the method. A total of 1,380, or 3.7% of ballots cast by AIAN voters, were done so via an in-person polling place. The remaining 247 votes cast by AIAN classified voters were using provisional and nonprovisional CVR ballots.

Table 12 below shows the voting methods used by AIAN-classified voters during the 2022 General Election. Below, the table shows that vote-by-mail was the overall preferred method of voting for non-VCA counties' AIAN voters, with 7 thousand, or 84.4%, using a mail ballot. The next most utilized method for AIAN classified voters was in-person polling places, with 1,380, or 15.1%, casting their ballot with the method. The remaining 45 votes cast by AIAN classified voters were using provisional CVR ballots and nonprovisional CVR ballots.

Table 12 below shows the voting methods used by AIAN-classified voters during the 2022 General Election. Below, the table shows that vote-by-mail was the overall preferred method of voting for VCA counties' AIAN voters, with 25 thousand, or 90.3%, using a mail ballot. The next most utilized method for AIAN classified voters was in-person vote centers, with 2,569, or 9.0%, casting their ballot with the method. The remaining 202 votes cast by AIAN classified voters were using provisional and nonprovisional CVR ballots.

Table 12: Voting Methods by AIAN Classification

Jurisdiction	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
Statewide	33,395	88.8%	2,569	6.8%	1380	3.7%	28	0.1%	219	0.6%
Non-VCA	7,685	84.4%	0	0.0%	1380	15.1%	7	0.1%	38	0.4%
VCA (Including Los Angeles)	25,710	90.3%	2,569	9.0%	0	0.0%	21	0.1%	181	0.6%
VCA (Excluding Los Angeles)	24,164	91.5%	2068	7.8%	0	0.0%	21	0.1%	165	0.6%
Alameda*	338	89.9%	38	10.1%	0	0.0%	0	0.0%	0	0.0%
Alpine	35	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Amador*	79	80.6%	16	16.3%	0	0.0%	3	3.1%	0	0.0%
Butte*	1253	99.1%	5	0.4%	0	0.0%	0	0.0%	6	0.5%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
Calaveras*	70	76.1%	18	19.6%	0	0.0%	4	4.3%	0	0.0%
Colusa	33	94.3%	0	0.0%	2	5.7%	0	0.0%	0	0.0%
Contra Costa	437	87.8%	0	0.0%	60	12.0%	0	0.0%	1	0.2%
Del Norte	304	79.0%	0	0.0%	79	20.5%	0	0.0%	2	0.5%
El Dorado*	246	87.9%	33	11.8%	0	0.0%	1	0.4%	0	0.0%
Fresno*	430	82.9%	82	15.8%	0	0.0%	5	1.0%	2	0.4%
Glenn	46	92.0%	0	0.0%	3	6.0%	0	0.0%	1	2.0%
Humboldt	563	77.3%	0	0.0%	163	22.4%	0	0.0%	2	0.3%
Imperial	118	83.7%	0	0.0%	21	14.9%	0	0.0%	2	1.4%
Inyo	417	80.0%	0	0.0%	104	20.0%	0	0.0%	0	0.0%
Kern	629	89.6%	0	0.0%	72	10.3%	0	0.0%	1	0.1%
Kings*	104	79.4%	27	20.6%	0	0.0%	0	0.0%	0	0.0%
Lake	168	77.1%	0	0.0%	50	22.9%	0	0.0%	0	0.0%
Lassen	118	98.3%	0	0.0%	2	1.7%	0	0.0%	0	0.0%
Los Angeles*	1546	74.9%	501	24.3%	0	0.0%	0	0.0%	16	0.8%
Madera*	114	82.6%	24	17.4%	0	0.0%	0	0.0%	0	0.0%
Marin*	77	87.5%	11	12.5%	0	0.0%	0	0.0%	0	0.0%
Mariposa*	44	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mendocino	412	93.0%	0	0.0%	29	6.5%	0	0.0%	2	0.5%
Merced*	141	87.6%	20	12.4%	0	0.0%	0	0.0%	0	0.0%
Modoc	31	96.9%	0	0.0%	1	3.1%	0	0.0%	0	0.0%
Mono	25	83.3%	0	0.0%	5	16.7%	0	0.0%	0	0.0%
Monterey	176	92.1%	0	0.0%	14	7.3%	0	0.0%	1	0.5%
Napa*	38	88.4%	4	9.3%	0	0.0%	0	0.0%	1	2.3%
Nevada*	103	86.6%	16	13.4%	0	0.0%	0	0.0%	0	0.0%
Orange*	679	76.4%	204	22.9%	0	0.0%	0	0.0%	6	0.7%
Placer	341	87.4%	0	0.0%	48	12.3%	0	0.0%	1	0.3%
Plumas	34	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Riverside*	15,537	93.8%	912	5.5%	0	0.0%	0	0.0%	118	0.7%
Sacramento*	964	89.7%	101	9.4%	0	0.0%	0	0.0%	10	0.9%
San Benito*	43	87.8%	5	10.2%	0	0.0%	1	2.0%	0	0.0%
San Bernardino	1412	81.1%	0	0.0%	314	18.0%	0	0.0%	14	0.8%
San Diego*	2,037	85.9%	328	13.8%	0	0.0%	0	0.0%	7	0.3%
San Francisco	262	86.2%	0	0.0%	42	13.8%	0	0.0%	0	0.0%
San Joaquin	402	81.7%	0	0.0%	89	18.1%	0	0.0%	1	0.2%
San Luis Obispo	196	91.2%	0	0.0%	17	7.9%	0	0.0%	2	0.9%

Jurisdiction	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
San Mateo*	196	89.5%	21	9.6%	0	0.0%	0	0.0%	2	0.9%
Santa Barbara	321	93.0%	0	0.0%	24	7.0%	0	0.0%	0	0.0%
Santa Clara*	372	88.6%	42	10.0%	0	0.0%	0	0.0%	6	1.4%
Santa Cruz*	136	82.9%	24	14.6%	0	0.0%	2	1.2%	2	1.2%
Shasta	351	87.3%	0	0.0%	49	12.2%	0	0.0%	2	0.5%
Sierra	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Siskiyou	154	81.5%	0	0.0%	33	17.5%	0	0.0%	2	1.1%
Solano	192	84.2%	0	0.0%	35	15.4%	0	0.0%	1	0.4%
Sonoma*	509	91.5%	42	7.6%	0	0.0%	1	0.2%	4	0.7%
Stanislaus*	11	91.7%	1	8.3%	0	0.0%	0	0.0%	0	0.0%
Sutter	72	90.0%	0	0.0%	8	10.0%	0	0.0%	0	0.0%
Tehama	87	83.7%	0	0.0%	17	16.3%	0	0.0%	0	0.0%
Trinity	26	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Tulare	309	73.9%	0	0.0%	99	23.7%	7	1.7%	3	0.7%
Tuolumne*	135	88.2%	18	11.8%	0	0.0%	0	0.0%	0	0.0%
Ventura*	355	86.6%	50	12.2%	0	0.0%	4	1.0%	1	0.2%
Yolo*	153	85.5%	26	14.5%	0	0.0%	0	0.0%	0	0.0%
Yuba	11	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Takeaways

There were more than 21.9 million registered voters across California during the 2022 General Election. We classified nearly 70 thousand, or 0.3%, of statewide voters as AIAN. AIAN-classified voters in VCA counties accounted for less than a percentage point of the statewide registered electorate.

AIAN-classified voters are proportionally represented in their percentage of ballots cast as they were in the number of registered voters. Of the 11 million statewide votes, AIAN-classified voters accounted for approximately 37 thousand, or 0.3%. Of the VCA counties, Riverside County had the largest share of AIAN-classified voters with 2.8% of the county's ballots cast by AIAN-classified voters.

The statewide turnout rate was 50.4% during the 2022 General Election. Across the state, AIAN-classified voters had a turnout rate of 53.4%. AIAN turnout was as high as 57.3% in VCA counties. In non-VCA counties, turnout was 43.9%. While the 2022 General Election is a small sample size, VCA counties are evidently conducting effective outreach to the AIAN electorate.

Similar to other groups, AIAN-classified voters widely preferred voting by mail, with 88.8% of all votes cast via mail ballot. An additional 6.8% of all votes cast by AIAN-classified voters were in person at a vote center or 3.7% at a polling center.

It is important to note that estimating AIAN individuals is a persistent challenge faced by social scientists as there is no existing reliable AIAN surname list. While we estimated the AIAN electorate using self-reported race and residence on an AIAN tribal ground or reservation, it is possible that there are more AIAN voters that our methods did not capture.

Voters by Age Categories

Using voter date of birth and the election date of November 8, 2022, we analyzed the California electorate by age categories, including groups aged 18 to 29, 30 to 49 years old, 50 to 64 years old, and 65 years old and over. We provide data on each of the fifty-eight California counties, as well as grouping counties into categories of 'statewide,' non-VCA, VCA (including Los Angeles), and VCA (excluding Los Angeles).

Covered in earlier sections, there were approximately 21.9 million registered voters at the time of the 2022 General Election. As shown in Table 13 below, approximately 4.4 million, or 20.0% of all registered voters, were aged 18 to 29 during the 2022 General Election. More than 7.2 million, or 33.1%, of all California voters, were aged 30 to 49 – the largest age group among categories. The second largest estimated group was voters aged 50 to 64, representing over 5.2 million, or 23.7%, of California's registered electorate. Voters aged 65 and over made up the remaining 5 million, or 23.2%, of all California registered voters at the time of the 2022 General Election.

Table 13 also shows that over 1.0 million, or 20.0%, of all non-VCA registered voters were aged 18 to 29. Across the non-VCA counties, more than 1.7 million, or 32.9%, of registered voters were aged 30 to 49 – the largest age demographic at the time of the General election. Voters aged 50 to 64 represented over 1.2 million, or 23.7%, of the non-VCA registered electorate. Voters aged 65 and over comprised the final 1.2 million, or 23.7% of non-VCA registered voters.

VCA counties' totals are shown in Table 13 below. As of the 2022 General Election, voters aged 18 to 29 made up nearly 3.3 million, or 20.0%, of registered voters in VCA counties. The registered electorate in VCA counties was primarily comprised of voters aged 30 to 49, which made up over 5.5 million, or 33.1%. The second largest demographic in VCA counties were voters aged 50 to 64, with more than 3.9 million voters, or 23.8% of the electorate. Voters aged 65 and over accounted for the remaining 3.8 million, or 23.0%, of registered voters in VCA counties.

Table 13: Registered Voters by Age Categories

Jurisdiction	18 to 29		30 to 49		50 to 64		65 and Over	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Statewide	4,399,106	20.0%	7,261,501	33.1%	5,202,715	23.7%	5,088,877	23.2%
Non-VCA	1,038,011	20.0%	1,705,207	32.9%	1,209,327	23.4%	1,224,682	23.7%
VCA (Including Los Angeles)	3,361,095	20.0%	5,556,294	33.1%	3,993,388	23.8%	3,864,195	23.0%
VCA (Excluding Los Angeles)	2,196,843	19.7%	3,597,145	32.2%	2,710,859	24.3%	2,662,006	23.8%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	18 to 29		30 to 49		50 to 64		65 and Over	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Alameda*	168,644	18.2%	328,586	35.4%	225,183	24.3%	205,080	22.1%
Alpine	93	10.2%	237	26.0%	259	28.4%	324	35.5%
Amador*	2,871	11.1%	6,217	24.0%	6,769	26.2%	10,018	38.7%
Butte*	23,948	19.3%	37,926	30.5%	27,655	22.2%	34,791	28.0%
Calaveras*	3,749	11.6%	7,940	24.6%	8,645	26.8%	11,896	36.9%
Colusa	2,231	22.1%	3,064	30.3%	2,162	21.4%	2,648	26.2%
Contra Costa	122,626	17.4%	226,121	32.2%	179,725	25.6%	174,351	24.8%
Del Norte	2,017	13.6%	4,268	28.7%	3,801	25.5%	4,798	32.2%
El Dorado*	19,088	13.7%	39,649	28.6%	37,680	27.1%	42,426	30.6%
Fresno*	112,823	22.6%	173,501	34.7%	106,175	21.2%	107,184	21.5%
Glenn	2,663	18.6%	4,369	30.5%	3,320	23.2%	3,979	27.8%
Humboldt	14,152	16.6%	28,432	33.4%	18,545	21.8%	23,941	28.1%
Imperial	20,261	23.3%	29,666	34.1%	18,915	21.8%	18,049	20.8%
Inyo	1,325	12.4%	3,042	28.5%	2,647	24.8%	3,668	34.3%
Kern	101,707	23.4%	151,287	34.9%	94,229	21.7%	86,539	20.0%
Kings*	14,265	23.3%	21,837	35.6%	13,093	21.4%	12,110	19.8%
Lake	4,832	13.1%	9,903	26.8%	9,694	26.2%	12,558	34.0%
Lassen	2,054	14.0%	4,482	30.6%	3,775	25.8%	4,331	29.6%
Los Angeles*	1,164,252	20.8%	1,959,149	34.9%	1,282,529	22.9%	1,202,189	21.4%
Madera*	16,412	22.6%	22,340	30.8%	15,629	21.5%	18,241	25.1%
Marin*	22,692	13.3%	44,356	26.0%	47,343	27.8%	55,988	32.9%
Mariposa*	1,280	11.0%	2,894	25.0%	3,117	26.9%	4,302	37.1%
Mendocino	6,955	13.2%	15,026	28.6%	12,108	23.0%	18,461	35.1%
Merced*	32,558	26.1%	41,261	33.0%	26,487	21.2%	24,601	19.7%
Modoc	569	10.9%	1,242	23.8%	1,383	26.6%	2,015	38.7%
Mono	1,089	14.2%	2,582	33.6%	2,021	26.3%	1,988	25.9%
Monterey	45,332	21.7%	63,576	30.4%	47,057	22.5%	53,194	25.4%
Napa*	14,001	16.8%	24,019	28.8%	20,574	24.6%	24,875	29.8%
Nevada*	8,286	11.2%	21,095	28.4%	17,981	24.2%	26,946	36.3%
Orange*	377,749	20.7%	557,825	30.6%	454,229	24.9%	432,925	23.8%
Placer	44,231	15.8%	86,430	30.9%	69,919	25.0%	78,843	28.2%
Plumas	1,609	11.7%	3,240	23.6%	3,359	24.4%	5,541	40.3%
Riverside*	286,539	21.8%	422,827	32.1%	307,524	23.4%	298,330	22.7%
Sacramento*	165,928	19.1%	296,591	34.2%	207,696	23.9%	197,910	22.8%
San Benito*	7,889	21.0%	12,811	34.1%	9,198	24.5%	7,719	20.5%
San Bernardino	264,697	23.2%	391,889	34.3%	262,918	23.0%	223,013	19.5%

Jurisdiction	18 to 29		30 to 49		50 to 64		65 and Over	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
San Diego*	370,160	19.3%	650,756	34.0%	456,653	23.8%	438,897	22.9%
San Francisco	88,994	17.9%	189,846	38.2%	109,466	22.0%	108,809	21.9%
San Joaquin	84,942	22.0%	127,521	33.0%	91,371	23.6%	82,607	21.4%
San Luis Obispo	28,691	15.8%	50,859	28.0%	42,865	23.6%	59,381	32.7%
San Mateo*	73,801	17.0%	138,843	32.0%	110,248	25.4%	110,341	25.5%
Santa Barbara	53,278	22.3%	67,370	28.2%	52,990	22.2%	64,890	27.2%
Santa Clara*	203,859	20.1%	316,143	31.2%	266,381	26.3%	225,935	22.3%
Santa Cruz*	30,602	18.2%	50,388	30.0%	40,514	24.1%	46,505	27.7%
Shasta	16,366	14.7%	32,564	29.2%	27,542	24.7%	34,887	31.3%
Sierra	198	9.0%	547	24.7%	590	26.7%	877	39.6%
Siskiyou	3,219	11.3%	7,278	25.4%	7,124	24.9%	10,990	38.4%
Solano	45,185	17.3%	84,404	32.3%	65,089	24.9%	66,539	25.5%
Sonoma*	48,403	15.9%	87,396	28.7%	74,065	24.3%	94,924	31.1%
Stanislaus*	61,424	21.8%	94,352	33.5%	64,472	22.9%	61,308	21.8%
Sutter	10,319	19.5%	17,138	32.3%	12,724	24.0%	12,823	24.2%
Tehama	5,895	15.9%	10,694	28.8%	9,322	25.1%	11,250	30.3%
Trinity	684	9.4%	1,968	27.0%	1,836	25.2%	2,795	38.4%
Tulare	53,974	25.7%	71,528	34.1%	42,710	20.4%	41,617	19.8%
Tuolumne*	4,111	11.6%	9,015	25.5%	8,721	24.7%	13,515	38.2%
Ventura*	99,160	19.6%	150,556	29.8%	128,118	25.3%	128,160	25.3%
Yolo*	26,601	22.5%	38,021	32.1%	26,709	22.6%	27,079	22.9%
Yuba	7,823	18.9%	14,634	35.4%	9,861	23.9%	8,976	21.7%

As mentioned in an earlier section, approximately 11 million ballots were cast during the 2022 General Election. As shown in Table 14 below, approximately 1.2 million, or 11.1% of all ballots cast, were from voters aged 18 to 29. During the General election, more than 3.0 million, or 27.1%, of all California ballots were cast from voters aged 30 to 49. Voters aged 50 to 64 represented over 3.1 million, or 28.0%, of California's cast ballots. Voters aged 65 and over made up the remaining 3.6 million, or 33.1%, of all ballots cast in California during the 2022 General Election. – the largest number among age group categories.

Table 14 also shows that approximately 275 thousand, or 10.5% of all non-VCA ballots cast, were from voters aged 18 to 29. Across the non-VCA counties, more than 711 thousand, or 21.0%, of ballots cast were from voters aged 30 to 49. Voters aged 50 to 64 represented over 731 thousand, or 27.8%, of the non-VCA cast ballots. During the 2022 General Election, voters aged 65 and over comprised the final 913 thousand, or 34.7% of non-VCA ballots cast – the most among any age category.

VCA counties' totals are shown in Table 14 below. During the 2022 General Election, voters aged 18 to 29 cast approximately 957 thousand, or 11.4%, of the VCA counties' ballots. Nearly 2.3 million, or 27.9%, of the ballots cast in VCA counties, came from voters aged 30 to 49. Voters aged 50 to 64 cast more than 2.3 million, or 28.1%, of the ballots in VCA counties. The ballots cast in VCA counties were primarily from voters aged 65 and over, which made up to 2.7 million, or 32.6%.

Table 14: Ballots Cast by Age Categories

Jurisdiction	18 to 29		30 to 49		50 to 64		65 and over	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Statewide	1,233,802	11.1%	3,067,253	27.7%	3,102,748	28.0%	3,666,013	33.1%
Non-VCA	275,814	10.5%	711,480	27.0%	731,469	27.8%	913,182	34.7%
VCA (Including Los Angeles)	957,988	11.4%	2,355,773	27.9%	2,371,279	28.1%	2,752,831	32.6%
VCA (Excluding Los Angeles)	650,001	10.8%	1,614,734	26.9%	1,710,711	28.5%	2,023,331	33.7%
Alameda*	55,632	11.3%	157,894	32.1%	135,474	27.6%	142,705	29.0%
Alpine	25	4.0%	124	20.0%	194	31.2%	278	44.8%
Amador*	1,166	6.2%	3,641	19.4%	5,156	27.4%	8,827	47.0%
Butte*	7,067	9.7%	18,516	25.4%	18,635	25.6%	28,544	39.2%
Calaveras*	1,245	5.8%	3,934	18.3%	6,226	28.9%	10,121	47.0%
Colusa	598	10.7%	1,399	25.1%	1,451	26.0%	2,129	38.2%
Contra Costa	37,734	9.6%	105,562	26.9%	115,713	29.4%	134,126	34.1%
Del Norte	476	5.7%	1,794	21.6%	2,372	28.6%	3,652	44.0%
El Dorado*	6,657	7.4%	20,571	23.0%	27,172	30.4%	35,074	39.2%
Fresno*	25,701	11.7%	59,468	27.0%	59,361	26.9%	75,975	34.5%
Glenn	713	9.0%	1,971	24.8%	2,103	26.5%	3,146	39.7%
Humboldt	4,416	9.1%	12,907	26.7%	11,959	24.7%	19,141	39.5%
Imperial	3,692	12.3%	7,900	26.3%	8,551	28.4%	9,930	33.0%
Inyo	473	6.3%	1,842	24.7%	1,979	26.5%	3,172	42.5%
Kern	22,111	11.7%	52,243	27.7%	53,065	28.1%	61,410	32.5%
Kings*	3,153	11.7%	7,602	28.3%	7,530	28.0%	8,618	32.0%
Lake	1,047	5.2%	3,705	18.4%	5,797	28.8%	9,567	47.6%
Lassen	701	7.6%	2,418	26.3%	2,665	29.0%	3,414	37.1%
Los Angeles*	307,987	12.6%	741,039	30.4%	660,568	27.1%	729,500	29.9%
Madera*	3,937	10.6%	8,973	24.2%	9,893	26.7%	14,302	38.5%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	18 to 29		30 to 49		50 to 64		65 and over	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Marin*	8,923	7.4%	27,569	22.8%	36,014	29.8%	48,190	39.9%
Mariposa*	443	5.6%	1,579	20.0%	2,216	28.1%	3,653	46.3%
Mendocino	1,799	5.9%	6,600	21.5%	7,450	24.3%	14,793	48.3%
Merced*	7,632	13.7%	14,954	26.9%	15,151	27.3%	17,791	32.0%
Modoc	199	5.9%	630	18.5%	917	27.0%	1,651	48.6%
Mono	305	6.7%	1,291	28.2%	1,385	30.3%	1,593	34.8%
Monterey	10,599	10.3%	24,018	23.4%	27,965	27.2%	40,082	39.0%
Napa*	4,562	9.0%	12,066	23.8%	14,162	27.9%	20,003	39.4%
Nevada*	2,921	5.8%	11,332	22.4%	13,265	26.2%	23,082	45.6%
Orange*	117,277	11.8%	255,590	25.8%	289,836	29.2%	328,593	33.1%
Placer	16,000	8.7%	48,472	26.4%	51,813	28.3%	67,112	36.6%
Plumas	393	4.5%	1,510	17.4%	2,319	26.8%	4,432	51.2%
Riverside*	62,232	10.4%	150,026	25.0%	171,814	28.7%	215,492	35.9%
Sacramento*	51,970	10.8%	139,799	29.0%	135,226	28.0%	155,731	32.3%
San Benito*	2,158	10.9%	5,685	28.8%	5,909	30.0%	5,974	30.3%
San Bernardino	52,897	11.6%	122,894	27.0%	132,553	29.1%	146,662	32.2%
San Diego*	110,376	10.7%	292,133	28.4%	289,814	28.2%	336,719	32.7%
San Francisco	41,448	13.6%	112,747	36.9%	73,248	24.0%	77,898	25.5%
San Joaquin	19,547	11.0%	46,104	26.0%	52,318	29.5%	59,437	33.5%
San Luis Obispo	10,043	8.4%	27,683	23.0%	31,412	26.1%	51,092	42.5%
San Mateo*	25,815	10.3%	70,977	28.2%	72,764	29.0%	81,741	32.5%
Santa Barbara	15,479	11.4%	32,042	23.6%	35,718	26.3%	52,773	38.8%
Santa Clara*	66,866	12.2%	149,388	27.2%	168,000	30.6%	165,477	30.1%
Santa Cruz*	11,476	10.9%	26,488	25.2%	28,672	27.3%	38,362	36.5%
Shasta	5,009	7.3%	15,938	23.2%	19,021	27.7%	28,729	41.8%
Sierra	67	4.2%	315	19.9%	444	28.1%	753	47.7%
Siskiyou	914	5.2%	3,268	18.6%	4,647	26.4%	8,775	49.8%
Solano	11,322	8.6%	32,409	24.6%	38,671	29.4%	49,139	37.4%
Sonoma*	16,737	8.4%	48,225	24.1%	53,896	26.9%	81,476	40.7%
Stanislaus*	14,721	11.2%	35,061	26.7%	37,044	28.2%	44,488	33.9%
Sutter	3,069	10.8%	7,513	26.4%	8,069	28.4%	9,803	34.5%
Tehama	1,455	7.0%	4,457	21.5%	5,958	28.8%	8,825	42.6%
Trinity	189	4.2%	836	18.6%	1,173	26.1%	2,300	51.1%
Tulare	11,306	12.3%	25,329	27.5%	24,761	26.9%	30,726	33.4%

Jurisdiction	18 to 29		30 to 49		50 to 64		65 and over	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
Tuolumne*	1,320	5.6%	4,590	19.6%	6,118	26.2%	11,355	48.6%
Ventura*	30,694	10.8%	69,223	24.4%	83,574	29.5%	99,836	35.2%
Yolo*	9,320	13.8%	19,450	28.7%	17,789	26.3%	21,202	31.3%
Yuba	1,788	9.0%	5,559	28.1%	5,778	29.2%	6,642	33.6%

Table 15, displayed below, provides insight into voter turnout rates categorized by age. These rates are calculated by dividing the number of ballots cast by the number of registered voters within each age group. Within the context of California statewide, the table unveils compelling statistics. As previously discussed, across all fifty-eight California counties, there was an overall turnout rate of 50.4% among voters.

Specifically, the table illustrates that voters aged 18 to 29 displayed the lowest turnout rate at 28.0%. In contrast, voters within the age range of 30 to 49 achieved a turnout rate of 42.2% during the 2022 General Election. Notably, voters aged 50 to 64 exhibited a solid turnout rate of 59.6%. Impressively, among all age groups in the 2022 General Election, voters aged 65 and over recorded the highest turnout rate across the state, reaching an impressive 72.0%.

In Table 15, you will find the turnout rates for non-VCA counties. Among the thirty-one non-VCA counties, voters aged 18 to 29 exhibited the lowest turnout rate, standing at 26.6%. Meanwhile, voters aged 30 to 49 recorded a turnout rate of 41.7%. Notably, during the 2022 General Election, voters aged 50 to 64 displayed a turnout rate of 60.5%. Impressively, among voters aged 65 and over, the highest turnout rate of any age group in the 2022 General Election was observed at 74.6%.

Table 15 displays the turnout rates for VCA counties, encompassing all twenty-nine counties. Among these counties, voters aged 18 to 29 registered the lowest turnout rate at 28.5%. In contrast, voters aged 30 to 49 exhibited a turnout rate of 42.4%. Notably, during the 2022 General Election, voters aged 50 to 64 displayed a turnout rate of 59.4%. Remarkably, the highest turnout rate among all age groups was recorded among voters aged 65 and over, reaching an impressive 71.2%.

Table 15 presents the voter turnout rates for VCA counties (excluding Los Angeles). Among the twenty-eight VCA counties, the turnout rate for voters aged 18 to 29 stood at 29.6%, marking the lowest turnout rate within any age group. Meanwhile, voters aged 30 to 49 exhibited a turnout rate of 44.9%, and in the 2022 General Election, voters aged 50 to 64 displayed an impressive turnout rate of 63.1%. Notably, the highest turnout rate among all age groups was observed among voters aged 65 and over, reaching a remarkable 76.0%.

Table 15: Turnout by Age Categories

Jurisdiction	18 to 29	30 to 49	50 to 64	65 and Over
Statewide	28.0%	42.2%	59.6%	72.0%
Non-VCA	26.6%	41.7%	60.5%	74.6%
VCA (Including Los Angeles)	28.5%	42.4%	59.4%	71.2%
VCA (Excluding Los Angeles)	29.6%	44.9%	63.1%	76.0%
Alameda*	33.0%	48.1%	60.2%	69.6%
Alpine	26.9%	52.3%	74.9%	85.8%
Amador*	40.6%	58.6%	76.2%	88.1%
Butte*	29.5%	48.8%	67.4%	82.0%
Calaveras*	33.2%	49.5%	72.0%	85.1%
Colusa	26.8%	45.7%	67.1%	80.4%
Contra Costa	30.8%	46.7%	64.4%	76.9%
Del Norte	23.6%	42.0%	62.4%	76.1%
El Dorado*	34.9%	51.9%	72.1%	82.7%
Fresno*	22.8%	34.3%	55.9%	70.9%
Glenn	26.8%	45.1%	63.3%	79.1%
Humboldt	31.2%	45.4%	64.5%	80.0%
Imperial	18.2%	26.6%	45.2%	55.0%
Inyo	35.7%	60.6%	74.8%	86.5%
Kern	21.7%	34.5%	56.3%	71.0%
Kings*	22.1%	34.8%	57.5%	71.2%
Lake	21.7%	37.4%	59.8%	76.2%
Lassen	34.1%	53.9%	70.6%	78.8%
Los Angeles*	26.5%	37.8%	51.5%	60.7%
Madera*	24.0%	40.2%	63.3%	78.4%
Marin*	39.3%	62.2%	76.1%	86.1%
Mariposa*	34.6%	54.6%	71.1%	84.9%
Mendocino	25.9%	43.9%	61.5%	80.1%
Merced*	23.4%	36.2%	57.2%	72.3%
Modoc	35.0%	50.7%	66.3%	81.9%
Mono	28.0%	50.0%	68.5%	80.1%
Monterey	23.4%	37.8%	59.4%	75.4%

Jurisdiction	18 to 29	30 to 49	50 to 64	65 and Over
Napa*	32.6%	50.2%	68.8%	80.4%
Nevada*	35.3%	53.7%	73.8%	85.7%
Orange*	31.0%	45.8%	63.8%	75.9%
Placer	36.2%	56.1%	74.1%	85.1%
Plumas	24.4%	46.6%	69.0%	80.0%
Riverside*	21.7%	35.5%	55.9%	72.2%
Sacramento*	31.3%	47.1%	65.1%	78.7%
San Benito*	27.4%	44.4%	64.2%	77.4%
San Bernardino	20.0%	31.4%	50.4%	65.8%
San Diego*	29.8%	44.9%	63.5%	76.7%
San Francisco	46.6%	59.4%	66.9%	71.6%
San Joaquin	23.0%	36.2%	57.3%	72.0%
San Luis Obispo	35.0%	54.4%	73.3%	86.0%
San Mateo*	35.0%	51.1%	66.0%	74.1%
Santa Barbara	29.1%	47.6%	67.4%	81.3%
Santa Clara*	32.8%	47.3%	63.1%	73.2%
Santa Cruz*	37.5%	52.6%	70.8%	82.5%
Shasta	30.6%	48.9%	69.1%	82.3%
Sierra	33.8%	57.6%	75.3%	85.9%
Siskiyou	28.4%	44.9%	65.2%	79.8%
Solano	25.1%	38.4%	59.4%	73.8%
Sonoma*	34.6%	55.2%	72.8%	85.8%
Stanislaus*	24.0%	37.2%	57.5%	72.6%
Sutter	29.7%	43.8%	63.4%	76.4%
Tehama	24.7%	41.7%	63.9%	78.4%
Trinity	27.6%	42.5%	63.9%	82.3%
Tulare	20.9%	35.4%	58.0%	73.8%
Tuolumne*	32.1%	50.9%	70.2%	84.0%
Ventura*	31.0%	46.0%	65.2%	77.9%
Yolo*	35.0%	51.2%	66.6%	78.3%
Yuba	22.9%	38.0%	58.6%	74.0%

Table 16 below shows the voting methods used by each age category during the 2022 General Election. As covered in prior sections, vote-by-mail was the overall preferred method of voting for statewide voters, with approximately 9.7 million, or 88.1%, of votes cast via a mail ballot. Below the table shows that vote-by-mail

was the overall preferred method of voting for voters aged 18 to 29 (1.06 million or 86.1%), voters aged 30 to 49 (2.6 million or 86.1%), voters aged 50 to 64 (2.6 million or 86.5%), and voters aged 65 and over (3.3 million or 91.9%) across California. The next most utilized method across all age groups was voting in person at a vote center. Vote centers were commonly used by voters aged 18 to 29 (121 thousand or 9.8%), voters aged 30 to 49 (325 thousand or 10.6%), voters aged 50 to 64 (323 thousand or 10.4%), and voters aged 65 and over (226 thousand or 6.2%) across California. Polling places were also used among voters of different age groups, with voters aged 18 to 29 (29 thousand or 2.4%), voters aged 30 to 49 (nearly 86 thousand or 2.8%), voters aged 50 to 64 (87 thousand or 2.8%), and voters aged 65 and over (66 thousand or 1.8%) using the method. A nonprovisional and provisional CVR were utilized at much lower rates than vote-by-mail, vote centers, and polling places.

Table 16 below, the table shows that vote-by-mail was the overall preferred method of voting non-VCA voters aged 18 to 29 (243 thousand or 88.2%), voters aged 30 to 49 (622 thousand or 87.6%), voters aged 50 to 64 (642 thousand or 87.9%), and voters aged 65 and over (845 thousand or 92.6%) across California. The next most utilized method across all age groups was voting in person at a polling place. Polling places were commonly used by voters aged 18 to 29 (29 thousand or 10.8%), voters aged 30 to 49 (86 thousand or 12.2%), voters aged 50 to 64 (87 thousand or 12.0%), and voters aged 65 and over (66 thousand or 7.3%) across California. Voting in person at a voting center and casting a nonprovisional CVR and provisional CVR were utilized at much lower rates than vote-by-mail polling places.

Table 16 below, the table shows that vote-by-mail was the overall preferred method of voting for VCA voters aged 18 to 29 (818 thousand or 85.5%), voters aged 30 to 49 (2.0 million or 85.6%), voters aged 50 to 64 (nearly 2.0 million or 86.1%), and voters aged 65 and over (2.5 million or 91.6%) across California. The next most utilized method across all age groups was voting in person at a vote center. Vote centers were commonly used by voters aged 18 to 29 (121 thousand or 12.6%), voters aged 30 to 49 (325 thousand or 13.8%), voters aged 50 to 64 (323 thousand or 13.6%), and voters aged 65 and over (226 thousand or 8.2%) across California. Casting a provisional CVR ballot was also done among voters of different age groups, with voters aged 18 to 29 (16 thousand or 1.8%), voters aged 30 to 49 (11 thousand or 0.5%), voters aged 50 to 64 (4.9 thousand or 0.2%), and voters aged 65 and over (3 thousand or 0.1%) using the method. Voting at a polling place or casting a nonprovisional CVR ballot were utilized at much lower rates than vote-by-mail, vote centers, and CVR ballots.

Table 16: Voting Methods by Age Classification

Jurisdiction	Age Category	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Statewide	18 to 29	1,062,141	86.1%	121,087	9.8%	29,742	2.4%	1,228	0.1%	19,604	1.6%
	30 to 49	2,639,949	86.1%	325,561	10.6%	86,485	2.8%	1,881	0.1%	13,377	0.4%
	50 to 64	2,684,768	86.5%	323,488	10.4%	87,649	2.8%	994	0.0%	5,849	0.2%
	65 and over	3,367,510	91.9%	226,991	6.2%	66,940	1.8%	575	0.0%	3,997	0.1%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Age Category	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Non-VCA	18 to 29	243,274	88.2%	0	0.0%	29,742	10.8%	152	0.1%	2,646	1.0%
	30 to 49	622,936	87.6%	0	0.0%	86,485	12.2%	236	0.0%	1,823	0.3%
	50 to 64	642,797	87.9%	0	0.0%	87,649	12.0%	107	0.0%	916	0.1%
	65 and over	845,556	92.6%	0	0.0%	66,940	7.3%	66	0.0%	620	0.1%
VCA (Including Los Angeles)	18 to 29	818,867	85.5%	121,087	12.6%	0	0.0%	1,076	0.1%	16,958	1.8%
	30 to 49	2,017,013	85.6%	325,561	13.8%	0	0.0%	1,645	0.1%	11,554	0.5%
	50 to 64	2,041,971	86.1%	323,488	13.6%	0	0.0%	887	0.0%	4,933	0.2%
	65 and over	2,521,954	91.6%	226,991	8.2%	0	0.0%	509	0.0%	3,377	0.1%
VCA (Excluding Los Angeles)	18 to 29	576,353	88.7%	62,431	9.6%	0	0.0%	1,076	0.2%	10,141	1.6%
	30 to 49	1,433,672	88.8%	172,073	10.7%	0	0.0%	1,645	0.1%	7,344	0.5%
	50 to 64	1,527,582	89.3%	178,953	10.5%	0	0.0%	887	0.1%	3,289	0.2%
	65 and over	1,896,219	93.7%	124,289	6.1%	0	0.0%	509	0.0%	2,314	0.1%
Alameda*	18 to 29	50,088	90.0%	4,019	7.2%	0	0.0%	0	0.0%	1,525	2.7%
	30 to 49	145,020	91.8%	11,832	7.5%	0	0.0%	0	0.0%	1,042	0.7%
	50 to 64	124,646	92.0%	10,560	7.8%	0	0.0%	0	0.0%	268	0.2%
	65 and over	135,676	95.1%	6,862	4.8%	0	0.0%	0	0.0%	167	0.1%
Alpine	18 to 29	25	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	30 to 49	124	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	50 to 64	194	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	65 and over	278	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Amador*	18 to 29	1,054	90.4%	88	7.5%	0	0.0%	24	2.1%	0	0.0%
	30 to 49	3,262	89.6%	339	9.3%	0	0.0%	39	1.1%	1	0.0%
	50 to 64	4,758	92.3%	366	7.1%	0	0.0%	31	0.6%	1	0.0%
	65 and over	8,534	96.7%	274	3.1%	0	0.0%	18	0.2%	1	0.0%
Butte*	18 to 29	6,753	95.6%	201	2.8%	0	0.0%	0	0.0%	113	1.6%
	30 to 49	18,377	99.2%	109	0.6%	0	0.0%	0	0.0%	30	0.2%
	50 to 64	18,567	99.6%	51	0.3%	0	0.0%	0	0.0%	17	0.1%
	65 and over	28,481	99.8%	50	0.2%	0	0.0%	0	0.0%	13	0.0%
Calaveras*	18 to 29	1,095	88.0%	123	9.9%	0	0.0%	26	2.1%	1	0.1%
	30 to 49	3,311	84.2%	573	14.6%	0	0.0%	49	1.2%	1	0.0%
	50 to 64	5,504	88.4%	685	11.0%	0	0.0%	37	0.6%	0	0.0%
	65 and over	9,417	93.0%	684	6.8%	0	0.0%	19	0.2%	1	0.0%
Colusa	18 to 29	550	92.0%	0	0.0%	41	6.9%	0	0.0%	7	1.2%
	30 to 49	1,221	87.3%	0	0.0%	175	12.5%	0	0.0%	3	0.2%
	50 to 64	1,305	89.9%	0	0.0%	146	10.1%	0	0.0%	0	0.0%
	65 and over	1,977	92.9%	0	0.0%	148	7.0%	0	0.0%	4	0.2%
Contra Costa	18 to 29	34,641	91.8%	0	0.0%	2,870	7.6%	0	0.0%	223	0.6%
	30 to 49	94,621	89.6%	0	0.0%	10,736	10.2%	0	0.0%	205	0.2%
	50 to 64	103,108	89.1%	0	0.0%	12,496	10.8%	0	0.0%	109	0.1%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Age Category	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
	65 and over	125,638	93.7%	0	0.0%	8,418	6.3%	0	0.0%	70	0.1%
Del Norte	18 to 29	413	86.8%	0	0.0%	55	11.6%	0	0.0%	8	1.7%
	30 to 49	1,506	83.9%	0	0.0%	281	15.7%	0	0.0%	7	0.4%
	50 to 64	2,019	85.1%	0	0.0%	349	14.7%	0	0.0%	4	0.2%
	65 and over	3,274	89.6%	0	0.0%	376	10.3%	0	0.0%	2	0.1%
El Dorado*	18 to 29	6,141	92.2%	437	6.6%	0	0.0%	38	0.6%	41	0.6%
	30 to 49	18,561	90.2%	1,862	9.1%	0	0.0%	102	0.5%	46	0.2%
	50 to 64	24,994	92.0%	2,090	7.7%	0	0.0%	64	0.2%	24	0.1%
	65 and over	33,568	95.7%	1,461	4.2%	0	0.0%	33	0.1%	12	0.0%
Fresno*	18 to 29	21,747	84.6%	3,363	13.1%	0	0.0%	399	1.6%	192	0.7%
	30 to 49	49,948	84.0%	8,834	14.9%	0	0.0%	584	1.0%	102	0.2%
	50 to 64	51,005	85.9%	7,970	13.4%	0	0.0%	321	0.5%	65	0.1%
	65 and over	69,889	92.0%	5,845	7.7%	0	0.0%	204	0.3%	37	0.0%
Glenn	18 to 29	668	93.7%	0	0.0%	41	5.8%	0	0.0%	4	0.6%
	30 to 49	1,836	93.2%	0	0.0%	131	6.6%	0	0.0%	4	0.2%
	50 to 64	1,974	93.9%	0	0.0%	125	5.9%	0	0.0%	4	0.2%
	65 and over	3,049	96.9%	0	0.0%	95	3.0%	0	0.0%	2	0.1%
Humboldt	18 to 29	3,692	83.6%	0	0.0%	692	15.7%	0	0.0%	32	0.7%
	30 to 49	11,064	85.7%	0	0.0%	1,807	14.0%	0	0.0%	36	0.3%
	50 to 64	10,279	86.0%	0	0.0%	1,663	13.9%	0	0.0%	17	0.1%
	65 and over	17,724	92.6%	0	0.0%	1,408	7.4%	0	0.0%	9	0.0%
Imperial	18 to 29	3,473	94.1%	0	0.0%	201	5.4%	0	0.0%	18	0.5%
	30 to 49	7,287	92.2%	0	0.0%	595	7.5%	0	0.0%	18	0.2%
	50 to 64	7,937	92.8%	0	0.0%	603	7.1%	0	0.0%	11	0.1%
	65 and over	9,514	95.8%	0	0.0%	406	4.1%	0	0.0%	10	0.1%
Inyo	18 to 29	407	86.0%	0	0.0%	64	13.5%	0	0.0%	2	0.4%
	30 to 49	1,583	85.9%	0	0.0%	253	13.7%	0	0.0%	6	0.3%
	50 to 64	1,686	85.2%	0	0.0%	290	14.7%	0	0.0%	3	0.2%
	65 and over	2,909	91.7%	0	0.0%	261	8.2%	0	0.0%	2	0.1%
Kern	18 to 29	19,595	88.6%	0	0.0%	2,372	10.7%	0	0.0%	144	0.7%
	30 to 49	45,397	86.9%	0	0.0%	6,763	12.9%	0	0.0%	83	0.2%
	50 to 64	46,086	86.8%	0	0.0%	6,914	13.0%	0	0.0%	65	0.1%
	65 and over	55,833	90.9%	0	0.0%	5,541	9.0%	0	0.0%	36	0.1%
Kings*	18 to 29	2,806	89.0%	306	9.7%	0	0.0%	0	0.0%	41	1.3%
	30 to 49	6,715	88.3%	873	11.5%	0	0.0%	0	0.0%	14	0.2%
	50 to 64	6,769	89.9%	751	10.0%	0	0.0%	0	0.0%	10	0.1%
	65 and over	8,131	94.3%	478	5.5%	0	0.0%	0	0.0%	9	0.1%
Lake	18 to 29	886	84.6%	0	0.0%	145	13.8%	0	0.0%	16	1.5%
	30 to 49	3,184	85.9%	0	0.0%	513	13.8%	0	0.0%	8	0.2%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Age Category	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	50 to 64	5,030	86.8%	0	0.0%	759	13.1%	0	0.0%	8	0.1%
	65 and over	8,718	91.1%	0	0.0%	843	8.8%	0	0.0%	6	0.1%
Lassen	18 to 29	675	96.3%	0	0.0%	26	3.7%	0	0.0%	0	0.0%
	30 to 49	2,339	96.7%	0	0.0%	79	3.3%	0	0.0%	0	0.0%
	50 to 64	2,564	96.2%	0	0.0%	101	3.8%	0	0.0%	0	0.0%
	65 and over	3,339	97.8%	0	0.0%	75	2.2%	0	0.0%	0	0.0%
Los Angeles*	18 to 29	242,514	78.7%	58,656	19.0%	0	0.0%	0	0.0%	6,817	2.2%
	30 to 49	583,341	78.7%	153,488	20.7%	0	0.0%	0	0.0%	4,210	0.6%
	50 to 64	514,389	77.9%	144,535	21.9%	0	0.0%	0	0.0%	1,644	0.2%
	65 and over	625,735	85.8%	102,702	14.1%	0	0.0%	0	0.0%	1,063	0.1%
Madera*	18 to 29	3,501	88.9%	380	9.7%	0	0.0%	13	0.3%	43	1.1%
	30 to 49	7,905	88.1%	1,013	11.3%	0	0.0%	35	0.4%	20	0.2%
	50 to 64	8,895	89.9%	961	9.7%	0	0.0%	15	0.2%	22	0.2%
	65 and over	13,568	94.9%	708	5.0%	0	0.0%	10	0.1%	16	0.1%
Marin*	18 to 29	8,354	93.6%	503	5.6%	0	0.0%	0	0.0%	66	0.7%
	30 to 49	25,294	91.7%	2,175	7.9%	0	0.0%	0	0.0%	100	0.4%
	50 to 64	33,086	91.9%	2,865	8.0%	0	0.0%	0	0.0%	63	0.2%
	65 and over	45,672	94.8%	2,465	5.1%	0	0.0%	0	0.0%	53	0.1%
Mariposa*	18 to 29	439	99.1%	0	0.0%	0	0.0%	0	0.0%	4	0.9%
	30 to 49	1,568	99.3%	3	0.2%	0	0.0%	0	0.0%	8	0.5%
	50 to 64	2,212	99.8%	3	0.1%	0	0.0%	1	0.0%	0	0.0%
	65 and over	3,650	99.9%	1	0.0%	0	0.0%	0	0.0%	2	0.1%
Mendocino	18 to 29	1,722	95.7%	0	0.0%	70	3.9%	0	0.0%	7	0.4%
	30 to 49	6,264	94.9%	0	0.0%	320	4.8%	0	0.0%	16	0.2%
	50 to 64	7,144	95.9%	0	0.0%	296	4.0%	0	0.0%	10	0.1%
	65 and over	14,443	97.6%	0	0.0%	342	2.3%	0	0.0%	8	0.1%
Merced*	18 to 29	6,900	90.4%	683	8.9%	0	0.0%	0	0.0%	49	0.6%
	30 to 49	13,285	88.8%	1,642	11.0%	0	0.0%	0	0.0%	27	0.2%
	50 to 64	13,675	90.3%	1,449	9.6%	0	0.0%	0	0.0%	27	0.2%
	65 and over	16,775	94.3%	1,007	5.7%	0	0.0%	0	0.0%	9	0.1%
Modoc	18 to 29	178	89.4%	0	0.0%	20	10.1%	0	0.0%	1	0.5%
	30 to 49	570	90.5%	0	0.0%	60	9.5%	0	0.0%	0	0.0%
	50 to 64	825	90.0%	0	0.0%	91	9.9%	0	0.0%	1	0.1%
	65 and over	1,559	94.4%	0	0.0%	90	5.5%	0	0.0%	2	0.1%
Mono	18 to 29	262	85.9%	0	0.0%	42	13.8%	0	0.0%	1	0.3%
	30 to 49	1,075	83.3%	0	0.0%	208	16.1%	0	0.0%	8	0.6%
	50 to 64	1,186	85.6%	0	0.0%	190	13.7%	0	0.0%	9	0.6%
	65 and over	1,453	91.2%	0	0.0%	139	8.7%	0	0.0%	1	0.1%
Monterey	18 to 29	9,737	91.9%	0	0.0%	765	7.2%	0	0.0%	97	0.9%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Age Category	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	30 to 49	22,241	92.6%	0	0.0%	1,703	7.1%	0	0.0%	74	0.3%
	50 to 64	26,093	93.3%	0	0.0%	1,835	6.6%	0	0.0%	37	0.1%
	65 and over	38,445	95.9%	0	0.0%	1,611	4.0%	0	0.0%	26	0.1%
Napa*	18 to 29	4,307	94.4%	183	4.0%	0	0.0%	13	0.3%	59	1.3%
	30 to 49	11,396	94.4%	557	4.6%	0	0.0%	35	0.3%	78	0.6%
	50 to 64	13,700	96.7%	420	3.0%	0	0.0%	11	0.1%	31	0.2%
	65 and over	19,625	98.1%	336	1.7%	0	0.0%	8	0.0%	34	0.2%
Nevada*	18 to 29	2,594	88.8%	248	8.5%	0	0.0%	0	0.0%	79	2.7%
	30 to 49	10,093	89.1%	1,096	9.7%	0	0.0%	0	0.0%	143	1.3%
	50 to 64	12,114	91.3%	1,098	8.3%	0	0.0%	0	0.0%	53	0.4%
	65 and over	22,094	95.7%	957	4.1%	0	0.0%	0	0.0%	31	0.1%
Orange*	18 to 29	97,604	83.2%	17,916	15.3%	0	0.0%	0	0.0%	1,757	1.5%
	30 to 49	206,846	80.9%	47,492	18.6%	0	0.0%	0	0.0%	1,252	0.5%
	50 to 64	233,903	80.7%	55,278	19.1%	0	0.0%	0	0.0%	655	0.2%
	65 and over	290,845	88.5%	37,322	11.4%	0	0.0%	0	0.0%	426	0.1%
Placer	18 to 29	14,453	90.3%	0	0.0%	1,446	9.0%	0	0.0%	101	0.6%
	30 to 49	43,054	88.8%	0	0.0%	5,315	11.0%	0	0.0%	103	0.2%
	50 to 64	45,932	88.6%	0	0.0%	5,850	11.3%	0	0.0%	31	0.1%
	65 and over	62,710	93.4%	0	0.0%	4,380	6.5%	0	0.0%	22	0.0%
Plumas	18 to 29	391	99.5%	0	0.0%	0	0.0%	0	0.0%	2	0.5%
	30 to 49	1,508	99.9%	0	0.0%	0	0.0%	0	0.0%	2	0.1%
	50 to 64	2,318	100.0%	0	0.0%	0	0.0%	0	0.0%	1	0.0%
	65 and over	4,431	100.0%	0	0.0%	0	0.0%	0	0.0%	1	0.0%
Riverside*	18 to 29	55,676	89.5%	5,522	8.9%	0	0.0%	0	0.0%	1,034	1.7%
	30 to 49	130,984	87.3%	17,860	11.9%	0	0.0%	0	0.0%	1,182	0.8%
	50 to 64	153,045	89.1%	17,986	10.5%	0	0.0%	0	0.0%	783	0.5%
	65 and over	201,905	93.7%	12,899	6.0%	0	0.0%	0	0.0%	688	0.3%
Sacramento*	18 to 29	47,848	92.1%	3,079	5.9%	0	0.0%	0	0.0%	1,043	2.0%
	30 to 49	129,691	92.8%	9,120	6.5%	0	0.0%	0	0.0%	988	0.7%
	50 to 64	127,128	94.0%	7,754	5.7%	0	0.0%	0	0.0%	344	0.3%
	65 and over	150,654	96.7%	4,862	3.1%	0	0.0%	0	0.0%	215	0.1%
San Benito*	18 to 29	1,967	91.1%	164	7.6%	0	0.0%	26	1.2%	1	0.0%
	30 to 49	5,111	89.9%	533	9.4%	0	0.0%	40	0.7%	1	0.0%
	50 to 64	5,369	90.9%	516	8.7%	0	0.0%	24	0.4%	0	0.0%
	65 and over	5,664	94.8%	295	4.9%	0	0.0%	15	0.3%	0	0.0%
San Bernardino	18 to 29	45,377	85.8%	0	0.0%	6,915	13.1%	0	0.0%	605	1.1%
	30 to 49	101,417	82.5%	0	0.0%	20,983	17.1%	0	0.0%	494	0.4%
	50 to 64	112,559	84.9%	0	0.0%	19,757	14.9%	0	0.0%	237	0.2%
	65 and over	132,512	90.4%	0	0.0%	13,989	9.5%	0	0.0%	161	0.1%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Age Category	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
San Diego*	18 to 29	97,356	88.2%	11,508	10.4%	0	0.0%	0	0.0%	1,512	1.4%
	30 to 49	260,815	89.3%	30,584	10.5%	0	0.0%	0	0.0%	734	0.3%
	50 to 64	259,400	89.5%	30,095	10.4%	0	0.0%	0	0.0%	319	0.1%
	65 and over	315,708	93.8%	20,780	6.2%	0	0.0%	0	0.0%	231	0.1%
San Francisco	18 to 29	35,724	86.2%	0	0.0%	5,392	13.0%	0	0.0%	332	0.8%
	30 to 49	101,291	89.8%	0	0.0%	11,350	10.1%	0	0.0%	106	0.1%
	50 to 64	64,778	88.4%	0	0.0%	8,436	11.5%	0	0.0%	34	0.0%
	65 and over	71,650	92.0%	0	0.0%	6,221	8.0%	0	0.0%	27	0.0%
San Joaquin	18 to 29	17,638	90.2%	0	0.0%	1,748	8.9%	0	0.0%	161	0.8%
	30 to 49	40,097	87.0%	0	0.0%	5,830	12.6%	0	0.0%	177	0.4%
	50 to 64	46,151	88.2%	0	0.0%	6,074	11.6%	0	0.0%	93	0.2%
	65 and over	55,316	93.1%	0	0.0%	4,076	6.9%	0	0.0%	45	0.1%
San Luis Obispo	18 to 29	9,228	91.9%	0	0.0%	661	6.6%	0	0.0%	154	1.5%
	30 to 49	25,674	92.7%	0	0.0%	1,962	7.1%	0	0.0%	47	0.2%
	50 to 64	29,062	92.5%	0	0.0%	2,319	7.4%	0	0.0%	31	0.1%
	65 and over	48,696	95.3%	0	0.0%	2,372	4.6%	0	0.0%	24	0.0%
San Mateo*	18 to 29	23,683	91.7%	1,813	7.0%	0	0.0%	0	0.0%	319	1.2%
	30 to 49	65,472	92.2%	5,202	7.3%	0	0.0%	0	0.0%	303	0.4%
	50 to 64	66,918	92.0%	5,742	7.9%	0	0.0%	0	0.0%	104	0.1%
	65 and over	77,736	95.1%	3,928	4.8%	0	0.0%	0	0.0%	77	0.1%
Santa Barbara	18 to 29	13,190	85.2%	0	0.0%	1,894	12.2%	0	0.0%	395	2.6%
	30 to 49	29,198	91.1%	0	0.0%	2,749	8.6%	0	0.0%	95	0.3%
	50 to 64	32,281	90.4%	0	0.0%	3,394	9.5%	0	0.0%	43	0.1%
	65 and over	49,674	94.1%	0	0.0%	3,067	5.8%	0	0.0%	32	0.1%
Santa Clara*	18 to 29	60,631	90.7%	5,065	7.6%	0	0.0%	0	0.0%	1,170	1.7%
	30 to 49	136,481	91.4%	12,143	8.1%	0	0.0%	0	0.0%	764	0.5%
	50 to 64	155,275	92.4%	12,498	7.4%	0	0.0%	0	0.0%	227	0.1%
	65 and over	157,660	95.3%	7,687	4.6%	0	0.0%	0	0.0%	130	0.1%
Santa Cruz*	18 to 29	10,125	88.2%	890	7.8%	0	0.0%	68	0.6%	393	3.4%
	30 to 49	24,080	90.9%	2,207	8.3%	0	0.0%	126	0.5%	75	0.3%
	50 to 64	26,071	90.9%	2,520	8.8%	0	0.0%	41	0.1%	40	0.1%
	65 and over	36,082	94.1%	2,233	5.8%	0	0.0%	23	0.1%	24	0.1%
Shasta	18 to 29	4,328	86.4%	0	0.0%	612	12.2%	0	0.0%	69	1.4%
	30 to 49	13,459	84.4%	0	0.0%	2,414	15.1%	0	0.0%	65	0.4%
	50 to 64	16,266	85.5%	0	0.0%	2,730	14.4%	0	0.0%	25	0.1%
	65 and over	26,376	91.8%	0	0.0%	2,325	8.1%	0	0.0%	28	0.1%
Sierra	18 to 29	67	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	30 to 49	315	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	50 to 64	444	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Age Category	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	65 and over	752	99.9%	0	0.0%	0	0.0%	0	0.0%	1	0.1%
Siskiyou	18 to 29	775	84.8%	0	0.0%	117	12.8%	0	0.0%	22	2.4%
	30 to 49	2,808	85.9%	0	0.0%	432	13.2%	0	0.0%	28	0.9%
	50 to 64	3,916	84.3%	0	0.0%	717	15.4%	0	0.0%	14	0.3%
	65 and over	7,894	90.0%	0	0.0%	874	10.0%	0	0.0%	7	0.1%
Solano	18 to 29	9,547	84.3%	0	0.0%	1,663	14.7%	0	0.0%	112	1.0%
	30 to 49	26,529	81.9%	0	0.0%	5,744	17.7%	0	0.0%	136	0.4%
	50 to 64	32,019	82.8%	0	0.0%	6,583	17.0%	0	0.0%	69	0.2%
	65 and over	44,008	89.6%	0	0.0%	5,078	10.3%	0	0.0%	53	0.1%
Sonoma*	18 to 29	15,576	93.1%	963	5.8%	0	0.0%	28	0.2%	170	1.0%
	30 to 49	45,277	93.9%	2,733	5.7%	0	0.0%	59	0.1%	156	0.3%
	50 to 64	50,883	94.4%	2,891	5.4%	0	0.0%	33	0.1%	89	0.2%
	65 and over	78,808	96.7%	2,585	3.2%	0	0.0%	34	0.0%	49	0.1%
Stanislaus*	18 to 29	13,338	90.6%	1,203	8.2%	0	0.0%	0	0.0%	180	1.2%
	30 to 49	31,342	89.4%	3,565	10.2%	0	0.0%	0	0.0%	154	0.4%
	50 to 64	33,917	91.6%	3,055	8.2%	0	0.0%	0	0.0%	72	0.2%
	65 and over	42,522	95.6%	1,922	4.3%	0	0.0%	0	0.0%	44	0.1%
Sutter	18 to 29	2,898	94.4%	0	0.0%	147	4.8%	0	0.0%	24	0.8%
	30 to 49	7,029	93.6%	0	0.0%	472	6.3%	0	0.0%	12	0.2%
	50 to 64	7,592	94.1%	0	0.0%	465	5.8%	0	0.0%	12	0.1%
	65 and over	9,452	96.4%	0	0.0%	346	3.5%	0	0.0%	5	0.1%
Tehama	18 to 29	1,245	85.6%	0	0.0%	197	13.5%	0	0.0%	13	0.9%
	30 to 49	3,645	81.8%	0	0.0%	805	18.1%	0	0.0%	7	0.2%
	50 to 64	4,939	82.9%	0	0.0%	1,012	17.0%	0	0.0%	7	0.1%
	65 and over	7,875	89.2%	0	0.0%	948	10.7%	0	0.0%	2	0.0%
Trinity	18 to 29	178	94.2%	0	0.0%	10	5.3%	0	0.0%	1	0.5%
	30 to 49	783	93.7%	0	0.0%	51	6.1%	0	0.0%	2	0.2%
	50 to 64	1,094	93.3%	0	0.0%	78	6.6%	0	0.0%	1	0.1%
	65 and over	2,208	96.0%	0	0.0%	91	4.0%	0	0.0%	1	0.0%
Tulare	18 to 29	9,783	86.5%	0	0.0%	1,307	11.6%	152	1.3%	64	0.6%
	30 to 49	21,115	83.4%	0	0.0%	3,920	15.5%	236	0.9%	58	0.2%
	50 to 64	21,008	84.8%	0	0.0%	3,620	14.6%	107	0.4%	26	0.1%
	65 and over	27,801	90.5%	0	0.0%	2,834	9.2%	66	0.2%	25	0.1%
Tuolumne*	18 to 29	1,242	94.1%	62	4.7%	0	0.0%	0	0.0%	16	1.2%
	30 to 49	4,297	93.6%	280	6.1%	0	0.0%	0	0.0%	13	0.3%
	50 to 64	5,829	95.3%	280	4.6%	0	0.0%	0	0.0%	9	0.1%
	65 and over	11,077	97.6%	267	2.4%	0	0.0%	0	0.0%	11	0.1%
Ventura*	18 to 29	27,358	89.1%	2,816	9.2%	0	0.0%	441	1.4%	79	0.3%
	30 to 49	60,593	87.5%	8,002	11.6%	0	0.0%	576	0.8%	52	0.1%

Jurisdiction	Age Category	Vote-By-Mail		Vote Center		Polling Place		Nonprovisional CVR		CVR	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	50 to 64	73,441	87.9%	9,779	11.7%	0	0.0%	309	0.4%	45	0.1%
	65 and over	92,216	92.4%	7,454	7.5%	0	0.0%	145	0.1%	21	0.0%
Yolo*	18 to 29	8,170	87.7%	896	9.6%	0	0.0%	0	0.0%	254	2.7%
	30 to 49	17,948	92.3%	1,444	7.4%	0	0.0%	0	0.0%	58	0.3%
	50 to 64	16,478	92.6%	1,290	7.3%	0	0.0%	0	0.0%	21	0.1%
	65 and over	20,262	95.6%	927	4.4%	0	0.0%	0	0.0%	13	0.1%
Yuba	18 to 29	1,528	85.5%	0	0.0%	229	12.8%	0	0.0%	31	1.7%
	30 to 49	4,702	84.6%	0	0.0%	834	15.0%	0	0.0%	23	0.4%
	50 to 64	5,008	86.7%	0	0.0%	756	13.1%	0	0.0%	14	0.2%
	65 and over	6,048	91.1%	0	0.0%	586	8.8%	0	0.0%	8	0.1%

Takeaways

There were 21.9 million registered voters across California during the 2022 General Election. Voters aged 30 to 49 made up approximately 7.2 million, or 33.1%, of the state's registered electorate. The next largest age demographic was voters aged 50 to 64, followed by those aged 65 and over, and then those aged 18 to 29.

While voters aged 65 and over were the third largest age demographic, this age group represented approximately 33.1% of the ballots cast during the 2022 General Election. In contrast, voters aged 30 to 49 comprised the largest share of the registered electorate but had the third lowest percentage of ballots cast at approximately 27.7%.

The statewide turnout rate was 50.4% during the 2022 General Election. Voters aged 65 and over not only comprised the largest share of ballots cast but also had the highest turnout rates. Our analysis shows that older portions of the electorate will likely participate in elections at rates that can even double average turnout rates. Conversely, the younger the voting demographic, are less likely they are to participate in an election. Voters aged 18 to 29 and 30 to 49 had turnout rates lower than overall averages. While low turnout among young voters is a historical and national phenomenon, the turnout rates discussed above indicate that outreach needs to be targeted to younger voting demographics.

Resembling the trends discussed in previous sections, voters of all age groups widely preferred voting by mail. One noteworthy observation is that voters aged 65 and over favored voting by mail at about 5-points higher rates than other age groups.

Voters by General Language Groups

Language access has been a cornerstone of ensuring equitable access to the franchise. Federal and California state laws govern language access in all counties in California, including VCA Counties. Using self-reported data on registration language, we analyzed registration, voting, and turnout trends for voters that registered in English and non-English languages, including Spanish, Vietnamese, Chinese, Korean, Tagalog, Japanese, Thai, Hindi, and Khmer. We provide data on each of the 27 VCA counties and group counties into a combined total category that includes Los Angeles and a combined total category that excludes Los Angeles.

As shown in Table 17 below, the age group with the fewest non-English registrants was those 18 to 29 years, with over 33 thousand, or 0.99%, of VCA voters registered in a language other than English. More than 132 thousand, or 2.33%, of voters in VCA counties aged 30 to 49 registered in a language other than English. More than 304 thousand, or 7.09%, of voters ages 50 to 64 registered in a language other than English. The largest non-English age group was voters 65 years and older, with over 368 thousand, or 8.70% non-English registration.

Table 17: Age Category by English and Non-English Registered Voters Across VCA Counties

Jurisdiction	Age Category	Total Registered Voters	English		Non-English	
Total (Los Angeles Included)	18 to 29	3,394,574	3,361,095	99.01%	33,479	0.99%
	30 to 49	5,688,990	5,556,294	97.67%	132,696	2.33%
	50 to 64	4,298,189	3,993,388	92.91%	304,801	7.09%
	65 and over	4,232,346	3,864,195	91.30%	368,151	8.70%
Total (Los Angeles Excluded)	18 to 29	2,219,642	2,196,843	98.97%	22,799	1.03%
	30 to 49	3,680,937	3,597,145	97.72%	83,792	2.28%
	50 to 64	2,881,792	2,710,859	94.07%	170,933	5.93%
	65 and over	2,848,273	2,662,006	93.46%	186,267	6.54%
Alameda*	18 to 29	170,146	168,644	99.12%	1,502	0.88%
	30 to 49	336,415	328,586	97.67%	7,829	2.33%
	50 to 64	239,758	225,183	93.92%	14,575	6.08%
	65 and over	223,151	205,080	91.90%	18,071	8.10%
Amador*	18 to 29	2,875	2,871	99.86%	4	0.14%
	30 to 49	6,233	6,217	99.74%	16	0.26%
	50 to 64	6,796	6,769	99.60%	27	0.40%
	65 and over	10,039	10,018	99.79%	21	0.21%
Butte*	18 to 29	23,981	23,948	99.86%	33	0.14%
	30 to 49	38,036	37,926	99.71%	110	0.29%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Age Category	Total Registered Voters	English		Non-English	
	50 to 64	27,802	27,655	99.47%	147	0.53%
	65 and over	34,910	34,791	99.66%	119	0.34%
Calaveras*	18 to 29	3,754	3,749	99.87%	5	0.13%
	30 to 49	7,967	7,940	99.66%	27	0.34%
	50 to 64	8,677	8,645	99.63%	32	0.37%
	65 and over	11,925	11,896	99.76%	29	0.24%
El Dorado*	18 to 29	19,154	19,088	99.66%	66	0.34%
	30 to 49	39,790	39,649	99.65%	141	0.35%
	50 to 64	37,926	37,680	99.35%	246	0.65%
	65 and over	42,617	42,426	99.55%	191	0.45%
Fresno*	18 to 29	113,900	112,823	99.05%	1,077	0.95%
	30 to 49	176,602	173,501	98.24%	3,101	1.76%
	50 to 64	111,982	106,175	94.81%	5,807	5.19%
	65 and over	113,090	107,184	94.78%	5,906	5.22%
Kings*	18 to 29	14,359	14,265	99.35%	94	0.65%
	30 to 49	22,223	21,837	98.26%	386	1.74%
	50 to 64	13,850	13,093	94.53%	757	5.47%
	65 and over	12,866	12,110	94.12%	756	5.88%
Los Angeles*	18 to 29	1,174,932	1,164,252	99.09%	10,680	0.91%
	30 to 49	2,008,053	1,959,149	97.56%	48,904	2.44%
	50 to 64	1,416,397	1,282,529	90.55%	133,868	9.45%
	65 and over	1,384,073	1,202,189	86.86%	181,884	13.14%
Madera*	18 to 29	16,590	16,412	98.93%	178	1.07%
	30 to 49	22,904	22,340	97.54%	564	2.46%
	50 to 64	16,656	15,629	93.83%	1,027	6.17%
	65 and over	19,277	18,241	94.63%	1,036	5.37%
Marin*	18 to 29	22,796	22,692	99.54%	104	0.46%
	30 to 49	44,731	44,356	99.16%	375	0.84%
	50 to 64	47,939	47,343	98.76%	596	1.24%
	65 and over	56,452	55,988	99.18%	464	0.82%
Mariposa*	18 to 29	1,284	1,280	99.69%	4	0.31%
	30 to 49	2,900	2,894	99.79%	6	0.21%
	50 to 64	3,135	3,117	99.43%	18	0.57%
	65 and over	4,312	4,302	99.77%	10	0.23%
Merced*	18 to 29	32,993	32,558	98.68%	435	1.32%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Age Category	Total Registered Voters	English		Non-English	
	30 to 49	42,623	41,261	96.80%	1,362	3.20%
	50 to 64	28,914	26,487	91.61%	2,427	8.39%
	65 and over	26,647	24,601	92.32%	2,046	7.68%
Napa*	18 to 29	14,203	14,001	98.58%	202	1.42%
	30 to 49	24,735	24,019	97.11%	716	2.89%
	50 to 64	21,721	20,574	94.72%	1,147	5.28%
	65 and over	25,725	24,875	96.70%	850	3.30%
Nevada*	18 to 29	8,319	8,286	99.60%	33	0.40%
	30 to 49	21,138	21,095	99.80%	43	0.20%
	50 to 64	18,034	17,981	99.71%	53	0.29%
	65 and over	26,977	26,946	99.89%	31	0.11%
Orange*	18 to 29	381,525	377,749	99.01%	3,776	0.99%
	30 to 49	573,493	557,825	97.27%	15,668	2.73%
	50 to 64	495,200	454,229	91.73%	40,971	8.27%
	65 and over	484,758	432,925	89.31%	51,833	10.69%
Riverside*	18 to 29	289,440	286,539	99.00%	2,901	1.00%
	30 to 49	432,792	422,827	97.70%	9,965	2.30%
	50 to 64	329,181	307,524	93.42%	21,657	6.58%
	65 and over	316,912	298,330	94.14%	18,582	5.86%
Sacramento*	18 to 29	167,062	165,928	99.32%	1,134	0.68%
	30 to 49	301,118	296,591	98.50%	4,527	1.50%
	50 to 64	214,789	207,696	96.70%	7,093	3.30%
	65 and over	205,734	197,910	96.20%	7,824	3.80%
San Benito*	18 to 29	7,988	7,889	98.76%	99	1.24%
	30 to 49	13,132	12,811	97.56%	321	2.44%
	50 to 64	9,749	9,198	94.35%	551	5.65%
	65 and over	8,190	7,719	94.25%	471	5.75%
San Diego*	18 to 29	376,343	370,160	98.36%	6,183	1.64%
	30 to 49	667,341	650,756	97.51%	16,585	2.49%
	50 to 64	483,415	456,653	94.46%	26,762	5.54%
	65 and over	464,692	438,897	94.45%	25,795	5.55%
San Mateo*	18 to 29	74,341	73,801	99.27%	540	0.73%
	30 to 49	141,513	138,843	98.11%	2,670	1.89%
	50 to 64	115,508	110,248	95.45%	5,260	4.55%
	65 and over	117,232	110,341	94.12%	6,891	5.88%

Jurisdiction	Age Category	Total Registered Voters	English		Non-English	
			Count	Percentage	Count	Percentage
Santa Clara*	18 to 29	205,942	203,859	98.99%	2,083	1.01%
	30 to 49	327,390	316,143	96.56%	11,247	3.44%
	50 to 64	292,926	266,381	90.94%	26,545	9.06%
	65 and over	257,416	225,935	87.77%	31,481	12.23%
Santa Cruz*	18 to 29	30,882	30,602	99.09%	280	0.91%
	30 to 49	51,245	50,388	98.33%	857	1.67%
	50 to 64	42,088	40,514	96.26%	1,574	3.74%
	65 and over	48,011	46,505	96.86%	1,506	3.14%
Sonoma*	18 to 29	48,796	48,403	99.19%	393	0.81%
	30 to 49	88,628	87,396	98.61%	1,232	1.39%
	50 to 64	76,044	74,065	97.40%	1,979	2.60%
	65 and over	96,067	94,924	98.81%	1,143	1.19%
Stanislaus*	18 to 29	62,065	61,424	98.97%	641	1.03%
	30 to 49	96,593	94,352	97.68%	2,241	2.32%
	50 to 64	67,910	64,472	94.94%	3,438	5.06%
	65 and over	64,501	61,308	95.05%	3,193	4.95%
Tuolumne*	18 to 29	4,120	4,111	99.78%	9	0.22%
	30 to 49	9,027	9,015	99.87%	12	0.13%
	50 to 64	8,745	8,721	99.73%	24	0.27%
	65 and over	13,533	13,515	99.87%	18	0.13%
Ventura*	18 to 29	100,013	99,160	99.15%	853	0.85%
	30 to 49	153,793	150,556	97.90%	3,237	2.10%
	50 to 64	135,437	128,118	94.60%	7,319	5.40%
	65 and over	135,400	128,160	94.65%	7,240	5.35%
Yolo*	18 to 29	26,771	26,601	99.36%	170	0.64%
	30 to 49	38,575	38,021	98.56%	554	1.44%
	50 to 64	27,610	26,709	96.74%	901	3.26%
	65 and over	27,839	27,079	97.27%	760	2.73%

Table 18 below shows the total number of registered voters for each of the ten languages we have data on, as well as an “Other” category. As shown in Table 18 below, more than 15.9 million VCA voters registered in English. Of the non-English registered voters, over 520 thousand registered in Spanish. The next largest non-English group was Chinese, with over 107 thousand registered voters. The fourth largest language group was Vietnamese, with 105 thousand registered VCA voters. Over 64 thousand voters in VCA registered in Korean, and more than 13 thousand registered in Tagalog. There were more than 5 thousand Japanese-speaking voters registered at the time of the 2022 General Election. Thai, Hindi, and Khmer had 4,135, 2,287, and 2,971 voters

registered in each language group, respectively. The remaining 13,559 VCA voters were registered in a language other than those listed in the table.

Table 18: Language for Registered Voters Across VCA Counties

Jurisdiction	Total Registered	English	Spanish	Vietnamese	Chinese	Korean	Tagalog	Other (Not Listed)	Japanese	Thai	Hindi	Khmer
Total (Los Angeles Included)	16,774,973	15,935,846	520,676	105,398	107,520	64,290	13,236	13,559	5,055	4,135	2,287	2,971
Total (Los Angeles Excluded)	11,166,854	10,703,063	264,704	92,484	58,752	26,549	7,489	7,061	2,036	1,354	998	2,364
Alameda*	927,493	885,516	14,111	4,118	20,546	1,434	876	52	130	123	128	459
Amador*	25,875	25,807	53	4	3	2	1	1	3	-	-	1
Butte*	124,320	123,911	313	24	24	9	2	15	7	7	2	6
Calaveras*	32,230	32,137	70	2	5	3	-	1	4	2	3	3
El Dorado*	138,843	138,199	405	32	84	56	18	15	12	10	2	10
Fresno*	499,683	483,792	13,887	397	295	127	67	1,023	-	-	95	-
Kings*	61,305	59,312	1,919	15	16	6	24	NA	4	2	2	5
Los Angeles*	5,608,119	5,232,783	255,972	12,914	48,768	37,741	5,747	6,498	3,019	2,781	1,289	607
Madera*	72,622	69,817	2,697	14	19	9	4	33	3	6	1	19
Marin*	170,379	168,840	1,061	146	150	92	5	14	29	21	8	13
Mariposa*	11,593	11,555	30	-	2	6	NA	NA	-	-	-	-
Merced*	124,907	118,637	5,959	47	47	20	20	86	6	7	3	75
Napa*	83,469	80,554	2,730	49	36	19	47	3	6	9	5	11
Nevada*	74,309	74,149	129	5	14	-	1	-	2	5	2	2
Orange*	1,822,728	1,710,480	41,021	43,487	8,262	16,978	538	516	645	303	218	280
Riverside*	1,315,220	1,262,115	46,478	1,547	398	1,605	445	2,066	110	189	108	159
Sacramento*	868,125	847,547	9,575	3,925	3,370	856	573	1,540	107	116	55	461
San Benito*	37,617	36,175	1,395	14	9	9	7	2	2	2	1	1
San Diego*	1,916,466	1,841,141	60,734	7,139	3,082	1,397	1,975	292	324	191	101	90
San Mateo*	433,233	417,872	8,023	240	5,681	398	594	134	151	79	11	50
Santa Clara*	1,012,318	940,962	18,305	30,419	15,558	2,939	2,035	993	375	109	146	477
Santa Cruz*	168,009	163,792	3,983	18	87	48	21	7	16	22	13	2
Sonoma*	304,788	300,041	4,070	216	207	82	26	29	20	39	28	30
Stanislaus*	281,556	272,043	8,737	197	161	32	45	138	5	18	50	130
Tuolumne*	35,362	35,299	51	1	4	4	1	-	-	1	-	1
Ventura*	505,994	487,345	17,008	376	478	371	151	62	57	84	8	54
Yolo*	118,410	116,025	1,960	52	214	47	13	39	18	9	8	25

Like Table 18 above, Table 19 shows voters registered in language groups represented as percentages. Below, English-speaking voters represent 95.0% of all VCA registered voters. Spanish is the next largest language group, representing 3.1% of the VCA registered electorate. At the time of the 2022 General Election, no other language group comprised more than 1% of the registered voters in VCA counties.

Table 19: Percent Language for Registered Voters Across VCA Counties

Jurisdiction	Total Registered	English	Spanish	Vietnamese	Chinese	Korean	Tagalog	Other (Not Listed)	Japanese	Thai	Hindi	Khmer
Total (Los Angeles Included)	16,774,973	95.00%	3.10%	0.63%	0.64%	0.38%	0.08%	0.08%	0.03%	0.02%	0.01%	0.02%
Total (Los Angeles Excluded)	11,166,854	95.85%	2.37%	0.83%	0.53%	0.24%	0.07%	0.06%	0.02%	0.01%	0.01%	0.02%
Alameda*	927,493	95.47%	1.52%	0.44%	2.22%	0.15%	0.09%	0.01%	0.01%	0.01%	0.01%	0.05%
Amador*	25,875	99.74%	0.20%	0.02%	0.01%	0.01%	0.00%	0.00%	0.01%	-	-	0.00%
Butte*	124,320	99.67%	0.25%	0.02%	0.02%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%
Calaveras*	32,230	99.71%	0.22%	0.01%	0.02%	0.01%	-	0.00%	0.01%	0.01%	0.01%	0.01%
El Dorado*	138,843	99.54%	0.29%	0.02%	0.06%	0.04%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%
Fresno*	499,683	96.82%	2.78%	0.08%	0.06%	0.03%	0.01%	0.20%	-	-	0.02%	-
Kings*	61,305	96.75%	3.13%	0.02%	0.03%	0.01%	0.04%	-	0.01%	0.00%	0.00%	0.01%
Los Angeles*	5,608,119	93.31%	4.56%	0.23%	0.87%	0.67%	0.10%	0.12%	0.05%	0.05%	0.02%	0.01%
Madera*	72,622	96.14%	3.71%	0.02%	0.03%	0.01%	0.01%	0.05%	0.00%	0.01%	0.00%	0.03%
Marin*	170,379	99.10%	0.62%	0.09%	0.09%	0.05%	0.00%	0.01%	0.02%	0.01%	0.00%	0.01%
Mariposa*	11,593	99.67%	0.26%	-	0.02%	0.05%	-	-	-	-	-	-
Merced*	124,907	94.98%	4.77%	0.04%	0.04%	0.02%	0.02%	0.07%	0.00%	0.01%	0.00%	0.06%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Total Registered	English	Spanish	Vietnamese	Chinese	Korean	Tagalog	Other (Not Listed)	Japanese	Thai	Hindi	Khmer
Napa*	83,469	96.51%	3.27%	0.06%	0.04%	0.02%	0.06%	0.00%	0.01%	0.01%	0.01%	0.01%
Nevada*	74,309	99.78%	0.17%	0.01%	0.02%	-	0.00%	-	0.00%	0.01%	0.00%	0.00%
Orange*	1,822,728	93.84%	2.25%	2.39%	0.45%	0.93%	0.03%	0.03%	0.04%	0.02%	0.01%	0.02%
Riverside*	1,315,220	95.96%	3.53%	0.12%	0.03%	0.12%	0.03%	0.16%	0.01%	0.01%	0.01%	0.01%
Sacramento*	868,125	97.63%	1.10%	0.45%	0.39%	0.10%	0.07%	0.18%	0.01%	0.01%	0.01%	0.05%
San Benito*	37,617	96.17%	3.71%	0.04%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.00%	0.00%
San Diego*	1,916,466	96.07%	3.17%	0.37%	0.16%	0.07%	0.10%	0.02%	0.02%	0.01%	0.01%	0.00%
San Mateo*	433,233	96.45%	1.85%	0.06%	1.31%	0.09%	0.14%	0.03%	0.03%	0.02%	0.00%	0.01%
Santa Clara*	1,012,318	92.95%	1.81%	3.00%	1.54%	0.29%	0.20%	0.10%	0.04%	0.01%	0.01%	0.05%
Santa Cruz*	168,009	97.49%	2.37%	0.01%	0.05%	0.03%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%
Sonoma*	304,788	98.44%	1.34%	0.07%	0.07%	0.03%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Stanislaus*	281,556	96.62%	3.10%	0.07%	0.06%	0.01%	0.02%	0.05%	0.00%	0.01%	0.02%	0.05%
Tuolumne*	35,362	99.82%	0.14%	0.00%	0.01%	0.01%	0.00%	-	-	0.00%	-	0.00%
Ventura*	505,994	96.31%	3.36%	0.07%	0.09%	0.07%	0.03%	0.01%	0.01%	0.02%	0.00%	0.01%
Yolo*	118,410	97.99%	1.66%	0.04%	0.18%	0.04%	0.01%	0.03%	0.02%	0.01%	0.01%	0.02%

Table 20 below shows nativity by English and non-English registered status for voters across VCA counties at the time of the 2022 General Election. When an individual registers to vote, they self-report their place of birth by U.S. state or country. The table below cross-analyzes this nativity data with English-language voter registration status.

As shown in Table 20, of the 11.1 million VCA voters born in the United States, 11.0 million, or 99.3%, are registered to vote in English. The remaining 75 thousand, or 0.7%, are registered to vote in a language other than English. In comparison, of the nearly 5.6 million VCA voters born U.S. abroad, 4.9 million, or 86.6%, were registered to vote in English. The remaining 765 thousand voters born outside the U.S., or 13.5%, were registered to vote in a language other than English.

Table 20: Birthplace by English and Non-English Registered Voters Across VCA Counties

Jurisdiction	Birthplace	Total Registered	English		Non-English	
			Count	Percentage	Count	Percentage
Total (Los Angeles Included)	U.S.	11,092,235	11,017,653	99.33%	74,582	0.67%
	Abroad	5,682,738	4,918,193	86.55%	764,545	13.45%
Total (Los Angeles Excluded)	U.S.	7,731,898	7,678,274	99.31%	53,624	0.69%
	Abroad	3,434,956	3,024,789	88.06%	410,167	11.94%
Alameda*	U.S.	551,961	550,030	99.65%	1,931	0.35%
	Abroad	375,532	335,486	89.34%	40,046	10.66%
Amador*	U.S.	21,875	21,860	99.93%	15	0.07%
	Abroad	4,000	3,947	98.68%	53	1.33%
Butte*	U.S.	117,531	117,351	99.85%	180	0.15%
	Abroad	6,789	6,560	96.63%	229	3.37%
Calaveras*	U.S.	26,766	26,754	99.96%	12	0.04%
	Abroad	5,464	5,383	98.52%	81	1.48%
El Dorado*	U.S.	108,562	108,487	99.93%	75	0.07%
	Abroad	30,281	29,712	98.12%	569	1.88%
Fresno*	U.S.	354,824	353,342	99.58%	1,482	0.42%
	Abroad	144,859	130,450	90.05%	14,409	9.95%
Kings*	U.S.	41,767	41,585	99.56%	182	0.44%
	Abroad	19,538	17,727	90.73%	1,811	9.27%
Los Angeles*	U.S.	3,360,337	3,339,379	99.38%	20,958	0.62%
	Abroad	2,247,782	1,893,404	84.23%	354,378	15.77%
Madera*	U.S.	65,368	64,297	98.36%	1,071	1.64%
	Abroad	7,254	5,520	76.10%	1,734	23.90%
Marin*	U.S.	134,068	133,930	99.90%	138	0.10%
	Abroad	36,311	34,910	96.14%	1,401	3.86%
Mariposa*	U.S.	9,458	9,456	99.98%	2	0.02%
	Abroad	2,135	2,099	98.31%	36	1.69%
Merced*	U.S.	73,275	72,747	99.28%	528	0.72%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Birthplace	Total Registered	English		Non-English	
	Abroad	51,632	45,890	88.88%	5,742	11.12%
Napa*	U.S.	57,669	57,495	99.70%	174	0.30%
	Abroad	25,800	23,059	89.38%	2,741	10.62%
Nevada*	U.S.	60,474	60,447	99.96%	27	0.04%
	Abroad	13,835	13,702	99.04%	133	0.96%
Orange*	U.S.	1,174,505	1,167,956	99.44%	6,549	0.56%
	Abroad	648,223	542,524	83.69%	105,699	16.31%
Riverside*	U.S.	959,537	950,717	99.08%	8,820	0.92%
	Abroad	355,683	311,398	87.55%	44,285	12.45%
Sacramento*	U.S.	607,473	605,766	99.72%	1,707	0.28%
	Abroad	260,652	241,781	92.76%	18,871	7.24%
San Benito*	U.S.	25,864	25,733	99.49%	131	0.51%
	Abroad	11,753	10,442	88.85%	1,311	11.15%
San Diego*	U.S.	1,293,815	1,285,896	99.39%	7,919	0.61%
	Abroad	622,651	555,245	89.17%	67,406	10.83%
San Mateo*	U.S.	267,440	266,303	99.57%	1,137	0.43%
	Abroad	165,793	151,569	91.42%	14,224	8.58%
Santa Clara*	U.S.	713,556	696,414	97.60%	17,142	2.40%
	Abroad	298,762	244,548	81.85%	54,214	18.15%
Santa Cruz*	U.S.	133,080	132,700	99.71%	380	0.29%
	Abroad	34,929	31,092	89.01%	3,837	10.99%
Sonoma*	U.S.	242,263	241,876	99.84%	387	0.16%
	Abroad	62,525	58,165	93.03%	4,360	6.97%
Stanislaus*	U.S.	186,590	185,744	99.55%	846	0.45%
	Abroad	94,966	86,299	90.87%	8,667	9.13%
Tuolumne*	U.S.	27,806	27,799	99.97%	7	0.03%
	Abroad	7,556	7,500	99.26%	56	0.74%
Ventura*	U.S.	394,262	391,680	99.35%	2,582	0.65%
	Abroad	111,732	95,665	85.62%	16,067	14.38%
Yolo*	U.S.	82,109	81,909	99.76%	200	0.24%
	Abroad	36,301	34,116	93.98%	2,185	6.02%

Table 21 below shows the voter turnout rate by the languages listed on the California voter file. Voter turnout rates are calculated by dividing the number of ballots cast by the number of registered voters for each language group.

As shown in Table 21 below, the total turnout rate for all VCA counties was 50.3%. English-speaking VCA voters had a turnout rate of 50.9% while Spanish-speaking voters had a turnout rate of 35.2%. VCA voters registered in Vietnamese had a turnout rate of 49.5%, while Chinese-speaking voters had a turnout rate of 39.8%. Voters registered in Korean had a turnout rate of 45.0%, and Tagalog-speaking voters had a turnout rate of 41.0%. Japanese, Thai, Hindi, and Khmer voters had turnout rates of 43.9%, 36.0%, 37.2%, and 28.2%, respectively. Those VCA voters registered in a language other than those listed had a turnout rate of 40.8%.

Table 21: Turnout by Language Across VCA Counties

Jurisdiction	Category	Total	English	Spanish	Vietnamese	Chinese	Korean	Tagalog	Other	Japanese	Thai	Hindi	Khmer
Total (Los Angeles Included)	Registered	16,774,973	15,935,846	520,676	105,398	107,520	64,290	13,236	13,559	5,055	4,135	2,971	2,287
	Voted	8,437,871	8,114,287	183,218	52,217	42,775	28,959	5,431	5,530	2,218	1,487	1,104	645
	Turnout Rate	50.3%	50.9%	35.2%	49.5%	39.8%	45.0%	41.0%	40.8%	43.9%	36.0%	37.2%	28.2%
Total (Los Angeles Excluded)	Registered	11,166,854	10,703,063	264,704	92,484	58,752	26,549	7,489	7,061	2,036	1,354	2,364	998
	Voted	5,998,777	5,811,656	92,584	47,616	25,897	12,445	3,186	2,723	966	511	909	284
	Turnout Rate	53.7%	54.3%	35.0%	51.5%	44.1%	46.9%	42.5%	38.6%	47.4%	37.7%	38.5%	28.5%
Alameda*	Registered	927,493	885,516	14,111	4,118	20,546	1,434	876	52	130	123	459	128
	Voted	491,705	476,108	4,908	1,567	7,991	457	347	18	53	48	169	39
	Turnout Rate	53.01%	53.8%	34.8%	38.1%	38.9%	31.9%	39.6%	34.6%	40.8%	39.0%	36.8%	30.5%
Amador*	Registered	25,875	25,807	53	4	3	2	1	1	3	0	1	0
	Voted	18,790	18,760	21	0	1	2	1	1	3	0	1	0
	Turnout Rate	72.62%	72.7%	39.6%	0.0%	33.3%	100.0%	100.0%	100.0%	100.0%	-	100.0%	-
Butte*	Registered	124,320	123,911	313	24	24	9	2	15	7	7	6	2
	Voted	72,762	72,635	100	6	5	2	2	4	3	3	2	0
	Turnout Rate	58.53%	58.6%	31.9%	25.0%	20.8%	22.2%	100.0%	26.7%	42.9%	42.9%	33.3%	0.0%
Calaveras*	Registered	32,230	32,137	70	2	5	3	0	1	4	2	3	3
	Voted	21,526	21,492	20	2	3	2	0	0	3	1	1	2
	Turnout Rate	66.79%	66.9%	28.6%	100.0%	60.0%	66.7%	-	0.0%	75.0%	50.0%	33.3%	66.7%
El Dorado*	Registered	138,843	138,199	405	32	84	56	18	15	12	10	10	2
	Voted	89,474	89,247	119	19	38	22	6	7	8	4	3	1
	Turnout Rate	64.44%	64.6%	29.4%	59.4%	45.2%	39.3%	33.3%	46.7%	66.7%	40.0%	30.0%	50.0%
Fresno*	Registered	499,683	483,792	13,887	397	295	127	67	1,023	0	0	0	95
	Voted	220,505	214,218	5,498	150	111	33	29	443	0	0	0	23
	Turnout Rate	44.13%	44.3%	39.6%	37.8%	37.6%	26.0%	43.3%	43.3%	-	-	-	24.2%
Kings*	Registered	61,305	59,312	1,919	15	16	6	24	0	4	2	5	2
	Voted	26,903	26,125	755	2	6	4	6	0	3	1	1	0
	Turnout Rate	43.88%	44.0%	39.3%	13.3%	37.5%	66.7%	25.0%	-	75.0%	50.0%	20.0%	0.0%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Category	Total	English	Spanish	Vietnamese	Chinese	Korean	Tagalog	Other	Japanese	Thai	Hindi	Khmer
Los Angeles*	Registered	5,608,119	5,232,783	255,972	12,914	48,768	37,741	5,747	6,498	3,019	2,781	607	1,289
	Voted	2,439,094	2,302,631	90,634	4,601	16,878	16,514	2,245	2,807	1,252	976	195	361
	Turnout Rate	43.49%	44.0%	35.4%	35.6%	34.6%	43.8%	39.1%	43.2%	41.5%	35.1%	32.1%	28.0%
Madera*	Registered	72,622	69,817	2,697	14	19	9	4	33	3	6	19	1
	Voted	37,105	35,916	1,132	4	12	4	2	19	2	4	10	0
	Turnout Rate	51.09%	51.4%	42.0%	28.6%	63.2%	44.4%	50.0%	57.6%	66.7%	66.7%	52.6%	0.0%
Marin*	Registered	170,379	168,840	1,061	146	150	92	5	14	29	21	13	8
	Voted	120,696	120,080	409	56	75	30	0	9	19	11	3	4
	Turnout Rate	70.84%	71.1%	38.5%	38.4%	50.0%	32.6%	0.0%	64.3%	65.5%	52.4%	23.1%	50.0%
Mariposa*	Registered	11,593	11,555	30	0	2	6	0	0	0	0	0	0
	Voted	7,891	7,885	4	0	1	1	0	0	0	0	0	0
	Turnout Rate	68.07%	68.2%	13.3%	-	50.0%	16.7%	-	-	-	-	-	-
Merced*	Registered	124,907	118,637	5,959	47	47	20	20	86	6	7	75	3
	Voted	55,528	53,094	2,302	18	19	10	11	38	0	4	32	0
	Turnout Rate	44.46%	44.8%	38.6%	38.3%	40.4%	50.0%	55.0%	44.2%	0.0%	57.1%	42.7%	0.0%
Napa*	Registered	83,469	80,554	2,730	49	36	19	47	3	6	9	11	5
	Voted	50,793	49,686	1,017	21	19	9	22	1	3	5	7	3
	Turnout Rate	60.85%	61.7%	37.3%	42.9%	52.8%	47.4%	46.8%	33.3%	50.0%	55.6%	63.6%	60.0%
Nevada*	Registered	74,309	74,149	129	5	14	0	1	0	2	5	2	2
	Voted	50,600	50,557	33	2	7	0	0	0	0	0	1	0
	Turnout Rate	68.09%	68.2%	25.6%	40.0%	50.0%	-	0.0%	-	0.0%	0.0%	50.0%	0.0%
Orange*	Registered	1,822,728	1,710,480	41,021	43,487	8,262	16,978	538	516	645	303	280	218
	Voted	991,296	938,620	15,005	24,195	3,733	8,795	214	181	295	110	93	55
	Turnout Rate	54.39%	54.9%	36.6%	55.6%	45.2%	51.8%	39.8%	35.1%	45.7%	36.3%	33.2%	25.2%
Riverside*	Registered	1,315,220	1,262,115	46,478	1,547	398	1,605	445	2,066	110	189	159	108
	Voted	599,564	582,811	14,506	552	130	582	144	633	51	71	55	29
	Turnout Rate	45.59%	46.2%	31.2%	35.7%	32.7%	36.3%	32.4%	30.6%	46.4%	37.6%	34.6%	26.9%
Sacramento*	Registered	868,125	847,547	9,575	3,925	3,370	856	573	1,540	107	116	461	55
	Voted	482,726	473,553	4,030	1,931	1,463	408	305	716	68	48	187	17
	Turnout Rate	55.61%	55.9%	42.1%	49.2%	43.4%	47.7%	53.2%	46.5%	63.6%	41.4%	40.6%	30.9%
San Benito*	Registered	37,617	36,175	1,395	14	9	9	7	2	2	2	1	1
	Voted	19,726	19,177	527	8	5	3	4	0	2	0	0	0
	Turnout Rate	52.44%	53.0%	37.8%	57.1%	55.6%	33.3%	57.1%	0.0%	100.0%	0.0%	0.0%	0.0%
San Diego*	Registered	1,916,466	1,841,141	60,734	7,139	3,082	1,397	1,975	292	324	191	90	101
	Voted	1,029,042	1,003,686	19,012	3,270	1,327	516	848	89	149	64	43	38

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Category	Total	English	Spanish	Vietnamese	Chinese	Korean	Tagalog	Other	Japanese	Thai	Hindi	Khmer
	Turnout Rate	53.69%	54.5%	31.3%	45.8%	43.1%	36.9%	42.9%	30.5%	46.0%	33.5%	47.8%	37.6%
San Mateo*	Registered	433,233	417,872	8,023	240	5,681	398	594	134	151	79	50	11
	Voted	251,297	245,163	3,248	100	2,231	151	234	47	73	29	19	2
	Turnout Rate	58.01%	58.7%	40.5%	41.7%	39.3%	37.9%	39.4%	35.1%	48.3%	36.7%	38.0%	18.2%
Santa Clara*	Registered	1,012,318	940,962	18,305	30,419	15,558	2,939	2,035	993	375	109	477	146
	Voted	549,731	515,783	7,378	15,357	8,256	1,177	899	414	173	44	205	45
	Turnout Rate	54.30%	54.8%	40.3%	50.5%	53.1%	40.0%	44.2%	41.7%	46.1%	40.4%	43.0%	30.8%
Santa Cruz*	Registered	168,009	163,792	3,983	18	87	48	21	7	16	22	2	13
	Voted	104,998	103,414	1,493	9	33	15	11	1	6	11	1	4
	Turnout Rate	62.50%	63.1%	37.5%	50.0%	37.9%	31.3%	52.4%	14.3%	37.5%	50.0%	50.0%	30.8%
Sonoma*	Registered	304,788	300,041	4,070	216	207	82	26	29	20	39	30	28
	Voted	200,334	198,669	1,363	100	98	35	14	13	11	14	6	11
	Turnout Rate	65.73%	66.2%	33.5%	46.3%	47.3%	42.7%	53.8%	44.8%	55.0%	35.9%	20.0%	39.3%
Stanislaus*	Registered	281,556	272,043	8,737	197	161	32	45	138	5	18	130	50
	Voted	131,314	127,953	3,091	75	56	12	20	47	4	4	46	6
	Turnout Rate	46.64%	47.0%	35.4%	38.1%	34.8%	37.5%	44.4%	34.1%	80.0%	22.2%	35.4%	12.0%
Tuolumne*	Registered	35,362	35,299	51	1	4	4	1	0	0	1	1	0
	Voted	23,383	23,369	12	1	1	0	0	0	0	0	0	0
	Turnout Rate	66.12%	66.2%	23.5%	100.0%	25.0%	0.0%	0.0%	-	-	0.0%	0.0%	-
Ventura*	Registered	505,994	487,345	17,008	376	478	371	151	62	57	84	54	8
	Voted	283,327	276,742	5,924	151	189	154	62	28	28	30	17	2
	Turnout Rate	55.99%	56.8%	34.8%	40.2%	39.5%	41.5%	41.1%	45.2%	49.1%	35.7%	31.5%	25.0%
Yolo*	Registered	118,410	116,025	1,960	52	214	47	13	39	18	9	25	8
	Voted	67,761	66,913	677	20	87	21	5	14	9	5	7	3
	Turnout Rate	57.23%	57.7%	34.5%	38.5%	40.7%	44.7%	38.5%	35.9%	50.0%	55.6%	28.0%	37.5%

Table 22 below shows the voting methods utilized by voters registered in English and non-English languages. At the time of the 2022 General Election, vote-by-mail was widely the preferred method of casting ballots statewide. Below, the table shows that of the 8.1 million English-speaking VCA voters, more than 7.1 million, or 87.6%, voted by mail. The next most utilized voting method was casting a ballot in-person at a vote center with 964 thousand, or 11.9%, of VCA ballots. The remaining 4,020 (0.01%) and 35,705 (0.4%) ballots were cast using non-provisional CVR and CVR, respectively.

Table 22 also shows that of more than 323 thousand VCA voters registered in a language other than English, over 289 thousand, or 89.4%, voted by mail. The second preferred method for non-English speaking voters was

voting in person at a vote center, with more than 33 thousand, or 10.2%, choosing this method. The remaining 97 (0.01%) and 1,117 (0.3%) ballots were cast using a non-provisional CVR and CVR, respectively.

Table 22: Voting Method by Language Across VCA Counties

Jurisdiction	Voting Method	English		Non-English	
Total (Los Angeles Included)	Total Voted	8,114,287	-	323,584	-
	Vote-By-Mail	7,110,491	87.6%	289,314	89.4%
	Vote Center	964,071	11.9%	33,056	10.2%
	Nonprovisional CVR	4,020	0.0%	97	0.0%
	CVR	35,705	0.4%	1,117	0.3%
Total (Los Angeles Excluded)	Total Voted	5,811,656	-	187,121	-
	Vote-By-Mail	5,260,798	90.5%	173,028	92.5%
	Vote Center	524,555	9.0%	13,191	7.0%
	Nonprovisional CVR	4,020	0.1%	97	0.1%
	CVR	22,283	0.4%	805	0.4%
Alameda*	Total Voted	476,108	-	15,597	-
	Vote-By-Mail	440,686	92.6%	14,744	94.5%
	Vote Center	32,514	6.8%	759	4.9%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	2,908	0.6%	94	0.6%
Amador*	Total Voted	18,760	-	30	-
	Vote-By-Mail	17,580	93.7%	28	93.3%
	Vote Center	1,065	5.7%	2	6.7%
	Nonprovisional CVR	112	0.6%	0	0.0%
	CVR	3	0.0%	0	0.0%
Butte*	Total Voted	72,635	-	127	-
	Vote-By-Mail	72,052	99.2%	126	99.2%
	Vote Center	411	0.6%	0	0.0%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	172	0.2%	1	0.8%
Calaveras*	Total Voted	21,492	-	34	-
	Vote-By-Mail	19,300	89.8%	27	79.4%
	Vote Center	2,059	9.6%	6	17.6%
	Nonprovisional CVR	130	0.6%	1	2.9%
	CVR	3	0.0%	0	0.0%
El Dorado*	Total Voted	89,247	-	227	-

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Voting Method	English		Non-English	
	Vote-By-Mail	83,051	93.1%	213	93.8%
	Vote Center	5,840	6.5%	10	4.4%
	Nonprovisional CVR	234	0.3%	3	1.3%
	CVR	122	0.1%	1	0.4%
Fresno*	Total Voted	214,218	-	6,287	-
	Vote-By-Mail	186,961	87.3%	5,628	89.5%
	Vote Center	25,427	11.9%	585	9.3%
	Nonprovisional CVR	1,467	0.7%	41	0.7%
	CVR	363	0.2%	33	0.5%
Kings*	Total Voted	26,125	-	778	-
	Vote-By-Mail	23,697	90.7%	724	93.1%
	Vote Center	2,356	9.0%	52	6.7%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	72	0.3%	2	0.3%
Los Angeles*	Total Voted	2,302,631	-	136,463	-
	Vote-By-Mail	1,849,693	80.3%	116,286	85.2%
	Vote Center	439,516	19.1%	19,865	14.6%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	13,422	0.6%	312	0.2%
Madera*	Total Voted	35,916	-	1,189	-
	Vote-By-Mail	32,767	91.2%	1,102	92.7%
	Vote Center	2,982	8.3%	80	6.7%
	Nonprovisional CVR	70	0.2%	3	0.3%
	CVR	97	0.3%	4	0.3%
Marin*	Total Voted	120,080	-	616	-
	Vote-By-Mail	111,843	93.1%	563	91.4%
	Vote Center	7,961	6.6%	47	7.6%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	276	0.2%	6	1.0%
Mariposa*	Total Voted	7,885	-	6	-
	Vote-By-Mail	7,863	99.7%	6	100.0%
	Vote Center	7	0.1%	0	0.0%
	Nonprovisional CVR	1	0.0%	0	0.0%
	CVR	14	0.2%	0	0.0%
Merced*	Total Voted	53,094	-	2,434	-
	Vote-By-Mail	48,426	91.2%	2,209	90.8%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Voting Method	English		Non-English	
	Vote Center	4,569	8.6%	212	8.7%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	99	0.2%	13	0.5%
Napa*	Total Voted	49,686	-	1,107	-
	Vote-By-Mail	47,959	96.5%	1,069	96.6%
	Vote Center	1,469	3.0%	27	2.4%
	Nonprovisional CVR	66	0.1%	1	0.1%
	CVR	192	0.4%	10	0.9%
Nevada*	Total Voted	50,557	-	43	-
	Vote-By-Mail	46,856	92.7%	39	90.7%
	Vote Center	3,398	6.7%	1	2.3%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	303	0.6%	3	7.0%
Orange*	Total Voted	938,620	-	52,676	-
	Vote-By-Mail	780,924	83.2%	48,274	91.6%
	Vote Center	153,883	16.4%	4,125	7.8%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	3,813	0.4%	277	0.5%
Riverside*	Total Voted	582,811	-	16,753	-
	Vote-By-Mail	526,103	90.3%	15,507	92.6%
	Vote Center	53,122	9.1%	1,145	6.8%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	3,586	0.6%	101	0.6%
Sacramento*	Total Voted	473,553	-	9,173	-
	Vote-By-Mail	446,468	94.3%	8,853	96.5%
	Vote Center	24,528	5.2%	287	3.1%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	2,557	0.5%	33	0.4%
San Benito*	Total Voted	19,177	-	549	-
	Vote-By-Mail	17,606	91.8%	505	92.0%
	Vote Center	1,468	7.7%	40	7.3%
	Nonprovisional CVR	101	0.5%	4	0.7%
	CVR	2	0.0%	0	0.0%
San Diego*	Total Voted	1,003,686	-	25,356	-
	Vote-By-Mail	910,031	90.7%	23,248	91.7%
	Vote Center	90,878	9.1%	2,089	8.2%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Voting Method	English		Non-English	
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	2,777	0.3%	19	0.1%
San Mateo*	Total Voted	245,163	-	6,134	-
	Vote-By-Mail	228,092	93.0%	5,717	93.2%
	Vote Center	16,289	6.6%	396	6.5%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	782	0.3%	21	0.3%
Santa Clara*	Total Voted	515,783	-	33,948	-
	Vote-By-Mail	478,591	92.8%	31,456	92.7%
	Vote Center	35,055	6.8%	2,338	6.9%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	2,137	0.4%	154	0.5%
Santa Cruz*	Total Voted	103,414	-	1,584	-
	Vote-By-Mail	94,896	91.8%	1,462	92.3%
	Vote Center	7,734	7.5%	116	7.3%
	Nonprovisional CVR	255	0.2%	3	0.2%
	CVR	529	0.5%	3	0.2%
Sonoma*	Total Voted	198,669	-	1,665	-
	Vote-By-Mail	188,957	95.1%	1,587	95.3%
	Vote Center	9,100	4.6%	72	4.3%
	Nonprovisional CVR	151	0.1%	3	0.2%
	CVR	461	0.2%	3	0.2%
Stanislaus*	Total Voted	127,953	-	3,361	-
	Vote-By-Mail	117,991	92.2%	3,128	93.1%
	Vote Center	9,530	7.4%	215	6.4%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	432	0.3%	18	0.5%
Tuolumne*	Total Voted	23,369	-	14	-
	Vote-By-Mail	22,432	96.0%	13	92.9%
	Vote Center	888	3.8%	1	7.1%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	49	0.2%	0	0.0%
Ventura*	Total Voted	276,742	-	6,585	-
	Vote-By-Mail	247,612	89.5%	5,996	91.1%
	Vote Center	27,509	9.9%	542	8.2%
	Nonprovisional CVR	1,433	0.5%	38	0.6%

Jurisdiction	Voting Method	English		Non-English	
	CVR	188	0.1%	9	0.1%
Yolo*	Total Voted	66,913	-	848	-
	Vote-By-Mail	62,054	92.7%	804	94.8%
	Vote Center	4,513	6.7%	44	5.2%
	Nonprovisional CVR	0	0.0%	0	0.0%
	CVR	346	0.5%	0	0.0%

Takeaways

There were almost 16.8 million registered voters across California VCA counties at the time of the 2022 General Election. The registered electorate in VCA counties was largely comprised of English-speaking voters. Voters registered in English accounted to nearly 16 million, or 95.0% of all VCA registered voters. The next largest language group was Spanish, which comprised over 520 thousand, or 3.1% of the VCA registered electorate. No other single language group accounted for more than 1% of the overall VCA registered electorate.

Non-English registered voters were more likely to belong to older age categories. For example, in VCA counties, there were over ten times as many non-English registered voters aged 65 and over (368,151) as there were non-English registered voters aged 18 to 29 (33,479).

Another key takeaway is that foreign-born voters were more likely to register in a language other than English compared to voters born in the United States. In VCA counties, over 765 thousand, or 13.5% of foreign-born voters registered in a language other than English. In contrast, only 74 thousand, or 0.7% of U.S.-born voters registered in a language other than English.

Turnout across language groups varied significantly. VCA voters registered in English had the highest turnout rate (50.9%), followed by Vietnamese voters (49.5%) and Korean-speaking voters (45.0%). Khmer-speaking voters had the lowest turnout rate (28.2%), followed by Spanish-speaking voters (35.2%) and Thai-speaking voters (36.0%). While low turnout among immigrant voters is a historical and national phenomenon, the turnout rates discussed above indicate that outreach needs to be targeted to non-English voters – particularly Spanish-speaking voters, given that they are the second largest language group in California.

VCA voters registered in both English and non-English languages largely preferred voting by mail. One notable observation is that non-English-speaking voters had a 1 percentage point higher rate of voting by mail than English-speaking voters, suggesting that voting by mail may be slightly more accessible for non-English-speaking voters than their English-speaking counterparts.

VOTING BY MAIL

Introduction

Voting by mail has been a popular method of voting among California voters and has accounted for more than half of the State's ballots cast since the 2012 General Election.³⁷ Beginning in 2020, the coronavirus pandemic presented threats to voter safety. In-person voting became a risk of transmitting the virus and threatened access to the ballot for millions of voters across the U.S. To minimize in-person contact, many states implemented policies to encourage higher levels of voting by mail. California was a state that took even further precautions, committing to sending every registered voter a vote-by-mail ballot by default during the pandemic. Signed into law in 2016, before the COVID-19 threat, California counties have adopted the Voter's Choice Act (VCA) electoral model, which – among other priorities – sends a mail ballot to registered voters in counties that adopted the model.

Given the necessity and popularity of voting by mail, this section will analyze the methods California voters used to cast mail ballots during the 2022 General Election. Voters had the option to return their mail ballot via mail, county-issued drop boxes, vote center drop-offs, additional drop-off locations, and FAX. Our analysis also includes mail ballots that voters returned but were either non-deliverable or rejected by county election officials.

As shown in Table 23 below, more than 9.7 million mail ballots were cast by California voters during the 2022 General Election. Over 4.4 million, or 45.7%, of all mail ballots were returned via mail. The second most popular method to return mail ballots was via county-issued drop boxes, with over 3.3 million, or 34.5%, mail ballots. Vote center drop-off locations are estimated to be the third most utilized method of returning mail ballots, accounting for more than 1.2 million, or 12.3%. Additional drop-off locations accounted for almost 655 thousand, or 6.7%, of the State's mail ballots cast. Returning mail ballots via fax had the lowest utilization rate, with 8,998, or 0.09%, of all mail ballots returned using this method. Just over 78 thousand mail ballots were deemed non-deliverable or were rejected by county election officials, leading to a statewide mail ballot rejection rate of 0.8%.

Table 23 also shows that over 2.3 million mail ballots were cast by voters living in the thirty-one non-VCA counties. Across the non-VCA counties, more than 1.2 million, or 51.0%, mail ballots were cast via mail. Mail ballots cast at a county-issued drop box represented over 614 thousand, or 26.1%, of the non-VCA registered electorate. The third most utilized method of casting mail ballots was via additional drop-off locations, which comprised nearly 518 thousand, or 22.0%, of non-VCA mail ballots cast. Returning mail ballots via fax had the lowest utilization rate, with 2,139, or 0.09%, of all mail ballots returned using this method. More than 19 thousand mail ballots were deemed non-deliverable or were rejected by county election officials, leading to a non-VCA county mail ballot rejection rate of 0.8%.

³⁷ "Historical Vote-by-Mail (Absentee) Ballot Use in California," Historical Vote-By-Mail (Absentee) Ballot Use in California :: California Secretary of State, <https://www.sos.ca.gov/elections/historical-absentee>.

Finally, VCA counties' totals are also shown in Table 23. As of the 2022 General Election, almost 7.4 million mail ballots were cast in VCA counties. The mail ballots cast in VCA counties were primarily by mail, which made up nearly 3.2 million, or 44.0%. The second most preferred method of casting mail ballots in VCA counties was via county-issued drop boxes, with nearly 2.7 million voters, or 37.1% of the mail ballots. Mail ballots cast by vote centers drop-offs comprised almost 1.2 million, or 16.2%, of all mail ballots cast. Additional drop-off locations accounted for 137 thousand, or 1.8%, of mail ballots cast. The remaining 6,859 mail ballots, or 0.09%, were cast via FAX. Approximately, 59,094 thousand mail ballots were non-deliverable or rejected by county election officials, equating to a VCA county mail ballot rejection rate of 0.8%.

Table 23: Mail Ballot Return Methods

Jurisdiction	Total Mail Ballots	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
Statewide	9,754,368	4,454,549	45.7%	3,361,870	34.5%	1,196,012	12.3%	654,747	6.7%	8,998	0.09%	78,192	0.80%
Non-VCA	2,354,563	1,201,109	51.0%	614,124	26.1%	0	0.0%	518,093	22.0%	2,139	0.09%	19,098	0.81%
VCA (Excluding Los Angeles)	5,433,826	2,493,154	45.9%	1,865,977	34.3%	894,037	16.5%	135,361	2.5%	5,108	0.09%	40,189	0.74%
VCA (Including Los Angeles)	7,399,805	3,253,440	44.0%	2,747,746	37.1%	1,196,012	16.2%	136,654	1.8%	6,859	0.09%	59,094	0.80%
Alameda*	455,430	161,143	35.4%	210,255	46.2%	47,430	10.4%	32,558	7.1%	652	0.14%	3,392	0.74%
Alpine	621	405	65.2%	213	34.3%	0	0.0%	3	0.5%	0	0.00%	0	0.00%
Amador*	17,608	6,696	38.0%	8,642	49.1%	2,104	11.9%	1	0.0%	12	0.07%	153	0.87%
Butte*	72,178	32,096	44.5%	22,742	31.5%	9,765	13.5%	2,474	3.4%	112	0.16%	4,989	6.91%
Calaveras*	19,327	8,471	43.8%	8,607	44.5%	1,361	7.0%	785	4.1%	8	0.04%	95	0.49%
Colusa	5,053	2,288	45.3%	1,348	26.7%	0	0.0%	1,380	27.3%	3	0.06%	34	0.67%
Contra Costa	358,008	177,726	49.6%	127,127	35.5%	0	0.0%	50,682	14.2%	51	0.01%	2,422	0.68%
Del Norte	7,212	3,327	46.1%	0	0.0%	0	0.0%	3,792	52.6%	2	0.03%	91	1.26%
El Dorado*	83,264	33,496	40.2%	35,916	43.1%	10,129	12.2%	3,215	3.9%	37	0.04%	471	0.57%
Fresno*	192,589	82,010	42.6%	81,112	42.1%	27,139	14.1%	0	0.0%	173	0.09%	2,155	1.12%
Glenn	7,527	3,588	47.7%	3,682	48.9%	0	0.0%	177	2.4%	1	0.01%	79	1.05%
Humboldt	42,759	21,874	51.2%	13,268	31.0%	0	0.0%	7,197	16.8%	49	0.11%	371	0.87%
Imperial	28,211	11,906	42.2%	8,566	30.4%	0	0.0%	7,559	26.8%	0	0.00%	180	0.64%
Inyo	6,585	3,480	52.8%	1,954	29.7%	0	0.0%	1,116	16.9%	8	0.12%	27	0.41%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Total Mail Ballots	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
Kern	166,911	92,087	55.2%	28,611	17.1%	0	0.0%	45,181	27.1%	36	0.02%	996	0.60%
Kings*	24,421	9,272	38.0%	11,964	49.0%	2,165	8.9%	833	3.4%	6	0.02%	181	0.74%
Lake	17,818	10,646	59.7%	2,421	13.6%	0	0.0%	4,514	25.3%	3	0.02%	234	1.31%
Lassen	8,917	3,740	41.9%	1,849	20.7%	0	0.0%	3,224	36.2%	0	0.00%	104	1.17%
Los Angeles*	1,965,979	760,286	38.7%	881,769	44.9%	301,975	15.4%	1,293	0.1%	1,751	0.09%	18,905	0.96%
Madera*	33,869	16,001	47.2%	13,115	38.7%	4,392	13.0%	116	0.3%	34	0.10%	211	0.62%
Marin*	112,406	63,234	56.3%	42,000	37.4%	6,232	5.5%	0	0.0%	287	0.26%	653	0.58%
Mariposa*	7,869	2,573	32.7%	4,205	53.4%	988	12.6%	0	0.0%	9	0.11%	94	1.19%
Mendocino	29,573	13,096	44.3%	15,730	53.2%	0	0.0%	382	1.3%	64	0.22%	301	1.02%
Merced*	50,635	23,729	46.9%	15,017	29.7%	8,605	17.0%	1,063	2.1%	27	0.05%	2,194	4.33%
Modoc	3,132	1,534	49.0%	880	28.1%	0	0.0%	701	22.4%	1	0.03%	16	0.51%
Mono	3,976	1,998	50.3%	1,469	36.9%	0	0.0%	473	11.9%	8	0.20%	28	0.70%
Monterey	96,516	68,799	71.3%	15,230	15.8%	0	0.0%	11,441	11.9%	210	0.22%	836	0.87%
Napa*	49,028	21,646	44.2%	16,184	33.0%	3,168	6.5%	7,674	15.7%	59	0.12%	297	0.61%
Nevada*	46,895	18,736	40.0%	10,763	23.0%	4,486	9.6%	12,501	26.7%	73	0.16%	336	0.72%
Orange*	829,198	362,850	43.8%	302,572	36.5%	158,752	19.1%	2,391	0.3%	645	0.08%	1,988	0.24%
Placer	166,149	70,051	42.2%	70,976	42.7%	0	0.0%	23,662	14.2%	80	0.05%	1,380	0.83%
Plumas	8,648	6,120	70.8%	2,160	25.0%	0	0.0%	296	3.4%	1	0.01%	71	0.82%
Riverside*	541,610	311,922	57.6%	10,147	1.9%	182,478	33.7%	33,431	6.2%	281	0.05%	3,351	0.62%
Sacramento*	455,321	210,030	46.1%	125,368	27.5%	113,627	25.0%	2,954	0.6%	210	0.05%	3,132	0.69%
San Benito*	18,111	5,211	28.8%	9,728	53.7%	3,095	17.1%	0	0.0%	6	0.03%	71	0.39%
San Bernardino	391,865	197,893	50.5%	77,160	19.7%	0	0.0%	113,667	29.0%	262	0.07%	2,883	0.74%
San Diego*	933,279	461,926	49.5%	312,444	33.5%	152,907	16.4%	0	0.0%	966	0.10%	5,036	0.54%
San Francisco	273,443	146,370	53.5%	54,407	19.9%	0	0.0%	68,776	25.2%	821	0.30%	3,069	1.12%
San Joaquin	159,202	83,762	52.6%	50,277	31.6%	0	0.0%	23,722	14.9%	20	0.01%	1,421	0.89%
San Luis Obispo	112,660	61,705	54.8%	19,944	17.7%	0	0.0%	29,912	26.6%	143	0.13%	956	0.85%
San Mateo*	233,809	119,312	51.0%	87,259	37.3%	25,025	10.7%	3	0.0%	373	0.16%	1,837	0.79%
Santa Barbara	124,343	60,189	48.4%	49,385	39.7%	0	0.0%	13,345	10.7%	231	0.19%	1,193	0.96%
Santa Clara*	510,047	230,530	45.2%	205,581	40.3%	69,590	13.6%	1	0.0%	237	0.05%	4,108	0.81%
Santa Cruz*	96,358	39,468	41.0%	41,622	43.2%	12,354	12.8%	1,887	2.0%	280	0.29%	747	0.78%
Shasta	60,429	20,778	34.4%	19,831	32.8%	0	0.0%	19,264	31.9%	20	0.03%	536	0.89%
Sierra	1,578	1,389	88.0%	93	5.9%	0	0.0%	85	5.4%	0	0.00%	11	0.70%
Siskiyou	15,393	9,503	61.7%	2,418	15.7%	0	0.0%	3,294	21.4%	10	0.06%	168	1.09%
Solano	112,103	56,008	50.0%	452	0.4%	0	0.0%	54,930	49.0%	69	0.06%	644	0.57%
Sonoma*	190,544	91,337	47.9%	73,078	38.4%	18,246	9.6%	6,142	3.2%	240	0.13%	1,501	0.79%
Stanislaus*	121,119	60,015	49.6%	37,047	30.6%	9	0.0%	23,130	19.1%	32	0.03%	886	0.73%

Jurisdiction	Total Mail Ballots	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Sutter	26,971	11,817	43.8%	9,612	35.6%	0	0.0%	5,344	19.8%	11	0.04%	187	0.69%
Tehama	17,704	6,998	39.5%	6,731	38.0%	0	0.0%	3,858	21.8%	5	0.03%	112	0.63%
Trinity	4,263	2,078	48.7%	1,753	41.1%	0	0.0%	412	9.7%	5	0.12%	15	0.35%
Tulare	79,707	41,821	52.5%	21,664	27.2%	0	0.0%	15,566	19.5%	20	0.03%	636	0.80%
Tuolumne*	22,445	9,976	44.4%	6,882	30.7%	1,438	6.4%	3,810	17.0%	11	0.05%	328	1.46%
Ventura*	253,608	86,825	34.2%	136,355	53.8%	28,416	11.2%	392	0.2%	239	0.09%	1,381	0.54%
Yolo*	62,858	24,649	39.2%	37,372	59.5%	136	0.2%	0	0.0%	99	0.16%	602	0.96%
Yuba	17,286	8,133	47.0%	4,913	28.4%	0	0.0%	4,138	23.9%	5	0.03%	97	0.56%

Table 24 below shows the mail ballot return methods used by each racial/ethnic group during the 2022 General Election. Below, the table indicates that casting a mail ballot via mail was the overall preferred method for all voters (4.5 million or 45.7%), voters estimated to be White (2.3 million or 46.7%), voters estimated to be Black (194 thousand or 45.0%), voters estimated to be Latino (915 thousand or 42.2%), voters estimated to be AAPI (768 thousand or 48.2%), and voters estimated as ‘Other’ (266 thousand or 43.7%). The next most preferred method across all racial/ethnic groups was casting a mail ballot by county-issued drop boxes. Drop boxes were commonly used by voters estimated to be White (1.7 million or 34.3%), voters estimated to be Black (137 thousand or 31.9%), voters estimated to be Latino (751 thousand or 34.7%), voters estimated to be AAPI (556 thousand or 34.9%), and voters estimated as ‘Other’ (218 thousand or 35.7%). Vote centers drop-offs and additional drop-off locations were utilized by mail ballot voters but at lower rates than casting a mail ballot via mail and county-issued drop boxes. Using fax to cast a mail ballot was not utilized at a rate over 0.12% for any racial/ethnic group in California. Ballots deemed undeliverable or rejected by county election officials did not exceed 1.0% for any racial/ethnic group in California.

In non-VCA counties, vote centers were unavailable to drop off mail ballots. As a result, mail ballot return methods were utilized at different rates compared to the statewide numbers discussed in the paragraph above. Table 24 below shows that casting a mail ballot via mail was the overall preferred method for all non-VCA voters (1.2 million or 51.0%), voters estimated to be White (649 thousand or 51.2%), voters estimated to be Black (53 thousand or 51.5%), voters estimated to be Latino (252 thousand or 48.7%), voters estimated to be AAPI (163 thousand or 55.1%), and voters estimated as ‘Other’ (84 thousand or 49.4%). The following most preferred method across all racial/ethnic groups was casting a mail ballot by county-issued drop boxes. Drop boxes were commonly used by voters estimated to be White (344 thousand or 27.1%), voters estimated to be Black (22 thousand or 21.7%), voters estimated to be Latino (129 thousand or 25.0%), voters estimated to be AAPI (71 thousand or 24.2%), and voters estimated as ‘Other’ (47 thousand or 27.6%) across non-VCA counties in California. Similar to statewide rates, using fax to cast a mail ballot was not utilized at a rate over 0.2% for any racial/ethnic group in non-VCA counties. Across all racial/ethnic groups, ballots deemed undeliverable or rejected by county election officials exceeded 1.0% only for Black voters (1.07%).

Table 24 below also shows that casting a mail ballot via mail was the overall preferred method for VCA voters (3.3 million or 44.0%), voters estimated to be White (1.7 million or 45.1%), voters estimated to be Black (141 thousand or 42.9%), voters estimated to be Latino (663 thousand or 40.2%), voters estimated to be AAPI (605 thousand or 46.7%), and voters estimated as 'Other' (182 thousand or 41.4%). Like statewide estimates, the next most utilized method across all racial/ethnic groups was casting a mail ballot by county-issued drop boxes in VCA counties. Drop boxes were commonly used by voters estimated to be White (1.4 million or 36.8%), voters estimated to be Black (115 thousand or 35.1%), voters estimated to be Latino (662 thousand or 37.7%), voters estimated to be AAPI (484 thousand or 37.4%), and voters estimated as 'Other' (171 thousand or 38.9%) across VCA counties. Vote center drop-offs and additional drop-off locations were utilized by mail ballot voters but at lower rates than casting a mail ballot via mail and county-issued drop boxes. Using fax to cast a mail ballot was not utilized at a rate over 0.2% for any racial/ethnic group in California. Ballots deemed undeliverable or rejected by county election officials did not exceed 1.0% for any racial/ethnic group in California.

Table 24: Mail Ballot Return Methods by Race and Ethnicity

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
Statewide	Total	4,454,549	45.7%	3,361,870	34.5%	1,196,012	12.3%	654,747	6.7%	8,998	0.09%	78,192	0.80%
	White	2,311,833	46.7%	1,699,250	34.3%	558,228	11.3%	339,416	6.8%	6,094	0.12%	40,312	0.81%
	Black	193,785	45.0%	137,472	31.9%	60,764	14.1%	34,139	7.9%	250	0.06%	4,317	1.00%
	Latino	914,743	42.2%	751,245	34.7%	321,662	14.9%	160,694	7.4%	955	0.04%	16,706	0.77%
	AAPI	767,823	48.2%	555,957	34.9%	182,003	11.4%	74,017	4.6%	1,146	0.07%	11,454	0.72%
	Other	266,364	43.7%	217,946	35.7%	73,355	12.0%	46,480	7.6%	553	0.09%	5,403	0.89%
Non-VCA	Total	1,201,109	51.0%	614,124	26.1%	0	0.0%	518,093	22.0%	2,139	0.09%	19,098	0.81%
	White	649,012	51.2%	344,135	27.1%	0	0.0%	263,381	20.8%	1,469	0.12%	10,198	0.80%
	Black	53,056	51.5%	22,295	21.7%	0	0.0%	26,445	25.7%	52	0.05%	1,098	1.07%
	Latino	251,965	48.7%	129,070	25.0%	0	0.0%	131,807	25.5%	210	0.04%	4,081	0.79%
	AAPI	162,894	55.1%	71,620	24.2%	0	0.0%	58,698	19.8%	269	0.09%	2,259	0.76%
	Other	84,182	49.4%	47,003	27.6%	0	0.0%	37,762	22.1%	138	0.08%	1,462	0.86%
VCA (Including Los Angeles)	Total	3,253,440	44.0%	2,747,746	37.1%	1,196,012	16.2%	136,654	1.8%	6,859	0.09%	59,094	0.80%
	White	1,662,821	45.1%	1,355,115	36.8%	558,228	15.1%	76,035	2.1%	4,625	0.13%	30,114	0.82%
	Black	140,730	42.9%	115,177	35.1%	60,764	18.5%	7,694	2.3%	197	0.06%	3,219	0.98%
	Latino	662,778	40.2%	622,174	37.7%	321,662	19.5%	28,887	1.8%	745	0.05%	12,625	0.77%
	AAPI	604,929	46.7%	484,337	37.4%	182,003	14.0%	15,319	1.2%	877	0.07%	9,196	0.71%
	Other	182,182	41.4%	170,943	38.9%	73,355	16.7%	8,719	2.0%	415	0.09%	3,941	0.90%
VCA (Excluding Los Angeles)	Total	2,493,154	45.9%	1,865,977	34.3%	894,037	16.5%	135,361	2.5%	5,108	0.09%	40,189	0.74%
	White	1,359,138	46.7%	1,000,658	34.3%	452,398	15.5%	75,653	2.6%	3,554	0.12%	22,058	0.76%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	Black	81,715	45.4%	53,403	29.6%	35,567	19.7%	7,600	4.2%	126	0.07%	1,716	0.95%
	Latino	450,970	43.1%	347,534	33.2%	211,804	20.2%	28,395	2.7%	475	0.05%	7,664	0.73%
	AAPI	461,580	47.3%	351,523	36.0%	141,214	14.5%	15,097	1.5%	636	0.07%	6,090	0.62%
	Other	139,751	44.0%	112,858	35.6%	53,054	16.7%	8,616	2.7%	317	0.10%	2,661	0.84%
Alameda*	Total	161,143	35.4%	210,255	46.2%	47,430	10.4%	32,558	7.1%	652	0.14%	3,392	0.74%
	White	61,313	33.8%	89,260	49.2%	17,600	9.7%	11,599	6.4%	413	0.23%	1,406	0.77%
	Black	13,547	35.9%	14,341	38.0%	4,986	13.2%	4,414	11.7%	39	0.10%	404	1.07%
	Latino	19,489	35.1%	24,487	44.1%	7,157	12.9%	3,972	7.2%	33	0.06%	380	0.68%
	AAPI	57,207	37.9%	68,087	45.1%	14,442	9.6%	10,180	6.7%	119	0.08%	938	0.62%
	Other	9,587	32.4%	14,080	47.5%	3,245	11.0%	2,393	8.1%	48	0.16%	263	0.89%
Alpine	Total	405	65.2%	213	34.3%	0	0.0%	3	0.5%	0	0.00%	0	0.00%
	White	237	61.3%	147	38.0%	0	0.0%	3	0.7%	0	0.00%	0	0.00%
	Black	2	79.5%	0	20.5%	0	0.0%	0	0.0%	0	0.00%	0	0.00%
	Latino	10	58.1%	7	41.9%	0	0.0%	0	0.0%	0	0.00%	0	0.00%
	AAPI	1	68.0%	0	32.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%
	Other	155	72.9%	58	27.1%	0	0.0%	0	0.1%	0	0.00%	0	0.00%
Amador*	Total	6,696	38.0%	8,642	49.1%	2,104	11.9%	1	0.0%	12	0.07%	153	0.87%
	White	5,707	38.3%	7,305	49.0%	1,766	11.8%	1	0.0%	11	0.08%	127	0.85%
	Black	44	42.8%	46	44.7%	11	11.0%	0	0.0%	0	0.00%	2	1.50%
	Latino	464	35.6%	665	51.1%	159	12.2%	0	0.0%	0	0.02%	13	1.02%
	AAPI	71	43.3%	70	42.5%	22	13.3%	0	0.0%	0	0.09%	1	0.80%
	Other	409	36.5%	556	49.6%	145	13.0%	0	0.0%	0	0.04%	10	0.89%
Butte*	Total	32,096	44.5%	22,742	31.5%	9,765	13.5%	2,474	3.4%	112	0.16%	4,989	6.91%
	White	25,994	45.1%	18,040	31.3%	7,599	13.2%	1,937	3.4%	97	0.17%	3,921	6.81%
	Black	360	43.0%	260	31.1%	114	13.6%	34	4.1%	1	0.17%	68	8.07%
	Latino	2,581	39.6%	2,097	32.2%	1,113	17.1%	192	2.9%	4	0.07%	524	8.05%
	AAPI	949	44.9%	688	32.6%	261	12.3%	82	3.9%	4	0.17%	130	6.15%
	Other	2,212	43.1%	1,657	32.3%	679	13.2%	229	4.5%	6	0.12%	346	6.74%
Calaveras*	Total	8,471	43.8%	8,607	44.5%	1,361	7.0%	785	4.1%	8	0.04%	95	0.49%
	White	6,887	44.1%	6,912	44.2%	1,100	7.0%	642	4.1%	8	0.05%	78	0.50%
	Black	54	42.2%	63	49.5%	5	4.0%	4	3.3%	0	0.00%	1	0.99%
	Latino	595	41.2%	683	47.3%	106	7.3%	53	3.6%	0	0.01%	8	0.57%
	AAPI	136	46.5%	140	47.8%	9	3.1%	7	2.4%	0	0.00%	0	0.15%
	Other	799	43.5%	809	44.1%	141	7.7%	80	4.3%	0	0.01%	8	0.41%
Colusa	Total	2,288	45.3%	1,348	26.7%	0	0.0%	1,380	27.3%	3	0.06%	34	0.67%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	1,277	44.1%	824	28.5%	0	0.0%	775	26.7%	3	0.10%	19	0.65%
	Black	25	59.5%	9	21.8%	0	0.0%	7	17.5%	0	0.00%	1	1.19%
	Latino	855	47.5%	408	22.7%	0	0.0%	523	29.1%	0	0.00%	12	0.67%
	AAPI	33	42.6%	27	34.7%	0	0.0%	16	20.8%	0	0.00%	1	1.86%
	Other	99	41.4%	80	33.5%	0	0.0%	59	24.5%	0	0.00%	1	0.58%
Contra Costa	Total	177,726	49.6%	127,127	35.5%	0	0.0%	50,682	14.2%	51	0.01%	2,422	0.68%
	White	89,808	50.1%	64,842	36.2%	0	0.0%	23,345	13.0%	30	0.02%	1,197	0.67%
	Black	11,460	50.4%	7,133	31.4%	0	0.0%	3,962	17.4%	1	0.01%	165	0.73%
	Latino	23,346	47.2%	16,862	34.1%	0	0.0%	8,871	17.9%	2	0.00%	344	0.70%
	AAPI	32,761	50.5%	23,754	36.6%	0	0.0%	7,893	12.2%	11	0.02%	449	0.69%
	Other	20,351	48.7%	14,536	34.8%	0	0.0%	6,611	15.8%	7	0.02%	267	0.64%
Del Norte	Total	3,327	46.1%	0	0.0%	0	0.0%	3,792	52.6%	2	0.03%	91	1.26%
	White	2,420	45.8%	0	0.0%	0	0.0%	2,806	53.1%	1	0.03%	60	1.14%
	Black	19	50.2%	0	0.0%	0	0.0%	18	48.6%	0	0.00%	0	1.22%
	Latino	254	44.3%	0	0.0%	0	0.0%	309	53.8%	0	0.00%	11	1.99%
	AAPI	61	51.0%	0	0.0%	0	0.0%	57	47.5%	0	0.00%	2	1.43%
	Other	574	48.1%	0	0.0%	0	0.0%	602	50.4%	1	0.06%	17	1.43%
El Dorado*	Total	33,496	40.2%	35,916	43.1%	10,129	12.2%	3,215	3.9%	37	0.04%	471	0.57%
	White	27,415	40.4%	29,187	43.0%	8,223	12.1%	2,646	3.9%	30	0.04%	377	0.56%
	Black	209	38.2%	246	44.9%	68	12.3%	21	3.9%	1	0.19%	3	0.53%
	Latino	2,395	38.6%	2,733	44.1%	795	12.8%	229	3.7%	4	0.07%	43	0.69%
	AAPI	1,348	41.8%	1,374	42.6%	372	11.5%	117	3.6%	0	0.00%	16	0.51%
	Other	2,129	39.4%	2,375	43.9%	671	12.4%	201	3.7%	2	0.04%	32	0.59%
Fresno*	Total	82,010	42.6%	81,112	42.1%	27,139	14.1%	0	0.0%	173	0.09%	2,155	1.12%
	White	38,269	43.8%	36,599	41.9%	11,544	13.2%	0	0.0%	122	0.14%	908	1.04%
	Black	3,057	42.6%	3,023	42.1%	970	13.5%	0	0.0%	5	0.07%	118	1.65%
	Latino	27,695	39.5%	30,486	43.5%	11,005	15.7%	0	0.0%	25	0.04%	844	1.21%
	AAPI	8,831	49.3%	6,714	37.5%	2,186	12.2%	0	0.0%	10	0.05%	174	0.97%
	Other	4,157	41.6%	4,290	42.9%	1,434	14.3%	0	0.0%	11	0.11%	111	1.11%
Glenn	Total	3,588	47.7%	3,682	48.9%	0	0.0%	177	2.4%	1	0.01%	79	1.05%
	White	2,416	46.9%	2,549	49.4%	0	0.0%	142	2.8%	0	0.00%	49	0.95%
	Black	16	45.5%	19	52.0%	0	0.0%	1	1.5%	0	0.11%	0	0.95%
	Latino	878	50.1%	828	47.3%	0	0.0%	23	1.3%	1	0.04%	22	1.26%
	AAPI	41	55.0%	31	41.7%	0	0.0%	2	2.5%	0	0.15%	1	0.68%
	Other	238	46.6%	255	50.1%	0	0.0%	10	1.9%	0	0.01%	7	1.41%
Humboldt	Total	21,874	51.2%	13,268	31.0%	0	0.0%	7,197	16.8%	49	0.11%	371	0.87%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	17,545	51.4%	10,653	31.2%	0	0.0%	5,589	16.4%	37	0.11%	291	0.85%
	Black	207	52.0%	120	30.2%	0	0.0%	67	16.9%	0	0.01%	3	0.87%
	Latino	1,439	46.4%	974	31.5%	0	0.0%	653	21.1%	4	0.14%	28	0.89%
	AAPI	354	51.9%	214	31.4%	0	0.0%	104	15.2%	3	0.45%	7	1.05%
	Other	2,329	52.1%	1,307	29.3%	0	0.0%	784	17.6%	5	0.11%	42	0.94%
Imperial	Total	11,906	42.2%	8,566	30.4%	0	0.0%	7,559	26.8%	0	0.00%	180	0.64%
	White	1,962	45.2%	1,212	27.9%	0	0.0%	1,143	26.3%	0	0.00%	23	0.52%
	Black	125	43.4%	85	29.5%	0	0.0%	77	26.6%	0	0.00%	2	0.54%
	Latino	9,080	41.7%	6,731	30.9%	0	0.0%	5,828	26.8%	0	0.00%	141	0.65%
	AAPI	172	48.8%	92	26.1%	0	0.0%	85	24.2%	0	0.00%	4	1.02%
	Other	567	39.1%	445	30.7%	0	0.0%	426	29.4%	0	0.00%	11	0.75%
Inyo	Total	3,480	52.8%	1,954	29.7%	0	0.0%	1,116	16.9%	8	0.12%	27	0.41%
	White	2,703	54.3%	1,415	28.4%	0	0.0%	837	16.8%	6	0.12%	21	0.42%
	Black	12	62.8%	4	21.2%	0	0.0%	3	13.8%	0	0.00%	0	2.16%
	Latino	398	51.1%	222	28.5%	0	0.0%	155	20.0%	2	0.23%	1	0.16%
	AAPI	48	55.7%	27	31.6%	0	0.0%	11	12.6%	0	0.00%	0	0.13%
	Other	319	44.4%	285	39.7%	0	0.0%	110	15.3%	0	0.03%	5	0.63%
Kern	Total	92,087	55.2%	28,611	17.1%	0	0.0%	45,181	27.1%	36	0.02%	996	0.60%
	White	47,360	55.6%	13,845	16.3%	0	0.0%	23,497	27.6%	27	0.03%	451	0.53%
	Black	3,996	57.9%	1,181	17.1%	0	0.0%	1,667	24.2%	1	0.01%	53	0.77%
	Latino	30,108	52.8%	10,605	18.6%	0	0.0%	15,962	28.0%	5	0.01%	379	0.66%
	AAPI	5,822	64.5%	1,460	16.2%	0	0.0%	1,683	18.6%	2	0.02%	63	0.70%
	Other	4,801	54.9%	1,519	17.4%	0	0.0%	2,372	27.1%	1	0.01%	50	0.57%
Kings*	Total	9,272	38.0%	11,964	49.0%	2,165	8.9%	833	3.4%	6	0.02%	181	0.74%
	White	3,992	37.1%	5,442	50.5%	838	7.8%	427	4.0%	3	0.03%	72	0.67%
	Black	336	40.2%	391	46.8%	76	9.1%	24	2.8%	0	0.00%	9	1.09%
	Latino	3,916	38.2%	4,916	48.0%	1,012	9.9%	315	3.1%	3	0.03%	85	0.83%
	AAPI	392	48.2%	329	40.6%	70	8.6%	16	2.0%	0	0.00%	5	0.62%
	Other	637	36.3%	886	50.5%	170	9.7%	52	3.0%	0	0.00%	10	0.55%
Lake	Total	10,646	59.7%	2,421	13.6%	0	0.0%	4,514	25.3%	3	0.02%	234	1.31%
	White	8,357	60.1%	1,883	13.5%	0	0.0%	3,478	25.0%	2	0.02%	182	1.31%
	Black	163	66.0%	31	12.6%	0	0.0%	50	20.2%	0	0.00%	3	1.16%
	Latino	1,164	57.3%	283	13.9%	0	0.0%	559	27.5%	0	0.00%	26	1.30%
	AAPI	122	58.9%	37	17.7%	0	0.0%	47	22.6%	0	0.00%	2	0.87%
	Other	840	58.8%	187	13.1%	0	0.0%	380	26.6%	1	0.04%	21	1.45%
Lassen	Total	3,740	41.9%	1,849	20.7%	0	0.0%	3,224	36.2%	0	0.00%	104	1.17%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	3,068	42.6%	1,502	20.8%	0	0.0%	2,555	35.4%	0	0.00%	82	1.14%
	Black	37	48.1%	13	16.9%	0	0.0%	26	33.3%	0	0.00%	1	1.83%
	Latino	299	38.5%	157	20.3%	0	0.0%	308	39.8%	0	0.00%	11	1.45%
	AAPI	22	28.5%	14	18.1%	0	0.0%	41	52.7%	0	0.00%	1	0.70%
	Other	314	40.3%	162	20.8%	0	0.0%	294	37.8%	0	0.00%	9	1.14%
Los Angeles*	Total	760,286	38.7%	881,769	44.9%	301,975	15.4%	1,293	0.1%	1,751	0.09%	18,905	0.96%
	White	303,684	39.3%	354,457	45.8%	105,830	13.7%	382	0.0%	1,071	0.14%	8,056	1.04%
	Black	59,015	40.0%	61,774	41.8%	25,197	17.1%	95	0.1%	72	0.05%	1,503	1.02%
	Latino	211,808	35.2%	274,640	45.6%	109,858	18.2%	492	0.1%	269	0.04%	4,961	0.82%
	AAPI	143,349	44.7%	132,813	41.4%	40,789	12.7%	221	0.1%	241	0.08%	3,106	0.97%
	Other	42,431	34.7%	58,084	47.5%	20,301	16.6%	103	0.1%	98	0.08%	1,280	1.05%
Madera*	Total	16,001	47.2%	13,115	38.7%	4,392	13.0%	116	0.3%	34	0.10%	211	0.62%
	White	9,207	49.7%	6,339	34.2%	2,807	15.1%	41	0.2%	29	0.16%	107	0.58%
	Black	267	46.1%	249	43.0%	56	9.6%	4	0.6%	0	0.01%	4	0.70%
	Latino	5,001	42.4%	5,467	46.4%	1,171	9.9%	65	0.6%	2	0.02%	75	0.64%
	AAPI	499	54.7%	332	36.5%	67	7.3%	1	0.1%	1	0.14%	11	1.19%
	Other	1,027	49.7%	727	35.2%	291	14.1%	5	0.3%	1	0.07%	13	0.65%
Marin*	Total	63,234	56.3%	42,000	37.4%	6,232	5.5%	0	0.0%	287	0.26%	653	0.58%
	White	50,403	56.8%	32,870	37.0%	4,776	5.4%	0	0.0%	232	0.26%	499	0.56%
	Black	718	54.0%	527	39.6%	73	5.5%	0	0.0%	4	0.26%	8	0.63%
	Latino	4,904	52.4%	3,690	39.4%	688	7.4%	0	0.0%	19	0.21%	54	0.58%
	AAPI	3,778	56.0%	2,574	38.2%	329	4.9%	0	0.0%	20	0.30%	44	0.65%
	Other	3,430	55.4%	2,339	37.8%	366	5.9%	0	0.0%	12	0.19%	47	0.76%
Mariposa*	Total	2,573	32.7%	4,205	53.4%	988	12.6%	0	0.0%	9	0.11%	94	1.19%
	White	2,092	32.5%	3,454	53.7%	809	12.6%	0	0.0%	8	0.12%	70	1.09%
	Black	16	37.5%	19	46.3%	5	12.7%	0	0.0%	0	0.31%	1	3.19%
	Latino	191	32.7%	304	52.0%	78	13.4%	0	0.0%	0	0.02%	11	1.85%
	AAPI	32	38.1%	45	54.6%	6	6.9%	0	0.0%	0	0.01%	0	0.34%
	Other	243	33.4%	382	52.6%	89	12.3%	0	0.0%	1	0.10%	11	1.53%
Mendocino	Total	13,096	44.3%	15,730	53.2%	0	0.0%	382	1.3%	64	0.22%	301	1.02%
	White	10,339	45.3%	11,905	52.1%	0	0.0%	315	1.4%	52	0.23%	221	0.97%
	Black	80	45.5%	88	50.5%	0	0.0%	4	2.0%	0	0.18%	3	1.80%
	Latino	1,420	39.2%	2,118	58.5%	0	0.0%	36	1.0%	5	0.15%	43	1.18%
	AAPI	188	46.3%	207	51.1%	0	0.0%	4	1.0%	2	0.38%	5	1.20%
	Other	1,070	42.2%	1,411	55.6%	0	0.0%	23	0.9%	5	0.18%	29	1.16%
Merced*	Total	23,729	46.9%	15,017	29.7%	8,605	17.0%	1,063	2.1%	27	0.05%	2,194	4.33%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
	White	9,308	46.0%	6,323	31.3%	3,178	15.7%	496	2.5%	14	0.07%	903	4.46%
	Black	696	46.1%	535	35.5%	166	11.0%	37	2.5%	1	0.07%	73	4.86%
	Latino	10,484	46.2%	6,372	28.0%	4,521	19.9%	413	1.8%	5	0.02%	922	4.06%
	AAPI	2,179	57.3%	1,038	27.3%	370	9.7%	50	1.3%	0	0.00%	169	4.44%
	Other	1,062	44.6%	749	31.5%	370	15.5%	67	2.8%	7	0.28%	127	5.34%
Modoc	Total	1,534	49.0%	880	28.1%	0	0.0%	701	22.4%	1	0.03%	16	0.51%
	White	1,296	49.1%	743	28.1%	0	0.0%	588	22.3%	1	0.03%	13	0.50%
	Black	7	41.3%	6	34.6%	0	0.0%	4	23.7%	0	0.00%	0	0.44%
	Latino	90	44.1%	57	28.0%	0	0.0%	55	27.1%	0	0.01%	1	0.69%
	AAPI	10	41.0%	13	52.9%	0	0.0%	1	5.6%	0	0.00%	0	0.54%
	Other	131	53.4%	61	24.7%	0	0.0%	53	21.4%	0	0.05%	1	0.46%
Mono	Total	1,998	50.3%	1,469	36.9%	0	0.0%	473	11.9%	8	0.20%	28	0.70%
	White	1,643	50.5%	1,208	37.2%	0	0.0%	369	11.3%	7	0.21%	24	0.74%
	Black	13	62.8%	6	29.0%	0	0.0%	2	7.9%	0	0.24%	0	0.05%
	Latino	192	47.8%	139	34.5%	0	0.0%	69	17.1%	1	0.25%	2	0.39%
	AAPI	36	48.9%	30	40.8%	0	0.0%	8	10.2%	0	0.03%	0	0.11%
	Other	114	49.8%	86	37.6%	0	0.0%	26	11.6%	0	0.07%	2	1.01%
Monterey	Total	68,799	71.3%	15,230	15.8%	0	0.0%	11,441	11.9%	210	0.22%	836	0.87%
	White	37,265	75.0%	7,457	15.0%	0	0.0%	4,350	8.8%	165	0.33%	433	0.87%
	Black	1,321	71.3%	294	15.9%	0	0.0%	210	11.3%	4	0.19%	24	1.30%
	Latino	21,714	65.3%	5,622	16.9%	0	0.0%	5,630	16.9%	18	0.06%	284	0.85%
	AAPI	4,617	73.1%	952	15.1%	0	0.0%	684	10.8%	8	0.13%	51	0.80%
	Other	3,883	71.7%	905	16.7%	0	0.0%	567	10.5%	15	0.27%	45	0.82%
Napa*	Total	21,646	44.2%	16,184	33.0%	3,168	6.5%	7,674	15.7%	59	0.12%	297	0.61%
	White	14,876	45.3%	10,656	32.5%	1,933	5.9%	5,091	15.5%	46	0.14%	203	0.62%
	Black	322	44.7%	249	34.6%	73	10.2%	72	10.1%	0	0.03%	3	0.36%
	Latino	3,808	38.5%	3,466	35.0%	676	6.8%	1,875	18.9%	9	0.09%	59	0.60%
	AAPI	1,495	48.3%	1,018	32.9%	322	10.4%	245	7.9%	1	0.05%	16	0.53%
	Other	1,146	45.5%	795	31.6%	164	6.5%	392	15.6%	3	0.11%	16	0.63%
Nevada*	Total	18,736	40.0%	10,763	23.0%	4,486	9.6%	12,501	26.7%	73	0.16%	336	0.72%
	White	16,449	40.1%	9,458	23.1%	3,888	9.5%	10,878	26.5%	62	0.15%	290	0.71%
	Black	60	40.7%	32	21.6%	11	7.7%	43	29.1%	1	0.42%	1	0.50%
	Latino	933	38.3%	539	22.1%	276	11.3%	662	27.2%	5	0.21%	20	0.81%
	AAPI	188	39.4%	94	19.6%	35	7.3%	155	32.4%	2	0.48%	4	0.79%
	Other	1,105	39.3%	641	22.8%	275	9.8%	763	27.2%	4	0.12%	22	0.78%
Orange*	Total	362,850	43.8%	302,572	36.5%	158,752	19.1%	2,391	0.3%	645	0.08%	1,988	0.24%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	180,071	43.4%	152,846	36.8%	79,392	19.1%	1,171	0.3%	414	0.10%	980	0.24%
	Black	4,272	42.5%	3,777	37.6%	1,914	19.0%	47	0.5%	4	0.04%	32	0.32%
	Latino	53,955	37.8%	56,021	39.3%	31,788	22.3%	493	0.3%	65	0.05%	277	0.19%
	AAPI	108,884	48.7%	75,398	33.7%	37,933	17.0%	556	0.2%	130	0.06%	618	0.28%
	Other	15,668	41.1%	14,529	38.1%	7,726	20.2%	124	0.3%	31	0.08%	80	0.21%
Placer	Total	70,051	42.2%	70,976	42.7%	0	0.0%	23,662	14.2%	80	0.05%	1,380	0.83%
	White	52,536	42.3%	53,017	42.7%	0	0.0%	17,496	14.1%	59	0.05%	1,041	0.84%
	Black	907	41.6%	945	43.3%	0	0.0%	307	14.1%	2	0.09%	21	0.97%
	Latino	5,731	38.2%	6,730	44.9%	0	0.0%	2,395	16.0%	7	0.05%	126	0.84%
	AAPI	6,731	45.7%	5,940	40.3%	0	0.0%	1,960	13.3%	6	0.04%	101	0.69%
	Other	4,146	41.1%	4,344	43.0%	0	0.0%	1,504	14.9%	6	0.06%	91	0.90%
Plumas	Total	6,120	70.8%	2,160	25.0%	0	0.0%	296	3.4%	1	0.01%	71	0.82%
	White	5,400	71.1%	1,874	24.7%	0	0.0%	258	3.4%	1	0.01%	63	0.82%
	Black	27	66.8%	11	28.3%	0	0.0%	2	4.6%	0	0.00%	0	0.25%
	Latino	283	70.4%	104	25.8%	0	0.0%	14	3.6%	0	0.00%	1	0.29%
	AAPI	39	75.9%	8	16.2%	0	0.0%	2	4.5%	0	0.00%	2	3.45%
	Other	371	66.4%	163	29.1%	0	0.0%	20	3.5%	0	0.01%	5	0.96%
Riverside*	Total	311,922	57.6%	10,147	1.9%	182,478	33.7%	33,431	6.2%	281	0.05%	3,351	0.62%
	White	164,352	59.6%	5,849	2.1%	84,015	30.5%	19,502	7.1%	181	0.07%	1,726	0.63%
	Black	18,121	55.5%	824	2.5%	11,565	35.4%	1,909	5.8%	13	0.04%	235	0.72%
	Latino	92,069	53.9%	2,535	1.5%	66,651	39.0%	8,520	5.0%	56	0.03%	1,005	0.59%
	AAPI	22,378	63.2%	467	1.3%	10,548	29.8%	1,827	5.2%	17	0.05%	197	0.56%
	Other	15,003	55.5%	472	1.7%	9,699	35.9%	1,672	6.2%	14	0.05%	188	0.69%
Sacramento*	Total	210,030	46.1%	125,368	27.5%	113,627	25.0%	2,954	0.6%	210	0.05%	3,132	0.69%
	White	114,139	46.3%	67,133	27.2%	62,444	25.3%	1,259	0.5%	143	0.06%	1,589	0.64%
	Black	14,994	44.2%	9,736	28.7%	8,446	24.9%	352	1.0%	11	0.03%	348	1.03%
	Latino	29,771	43.3%	18,735	27.3%	19,161	27.9%	566	0.8%	16	0.02%	477	0.69%
	AAPI	36,348	49.7%	20,714	28.3%	15,059	20.6%	553	0.8%	22	0.03%	457	0.62%
	Other	14,778	45.0%	9,050	27.6%	8,517	25.9%	224	0.7%	17	0.05%	261	0.79%
San Benito*	Total	5,211	28.8%	9,728	53.7%	3,095	17.1%	0	0.0%	6	0.03%	71	0.39%
	White	2,432	30.6%	4,208	52.9%	1,275	16.0%	0	0.0%	5	0.06%	34	0.42%
	Black	49	30.1%	88	54.6%	23	14.3%	0	0.0%	0	0.04%	2	1.00%
	Latino	2,220	26.4%	4,600	54.8%	1,539	18.3%	0	0.0%	0	0.00%	33	0.39%
	AAPI	258	35.5%	357	49.0%	110	15.1%	0	0.0%	1	0.14%	1	0.17%
	Other	252	28.8%	474	54.1%	148	16.9%	0	0.0%	0	0.02%	2	0.22%
San Bernardino	Total	197,893	50.5%	77,160	19.7%	0	0.0%	113,667	29.0%	262	0.07%	2,883	0.74%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	83,621	52.4%	30,100	18.8%	0	0.0%	44,724	28.0%	140	0.09%	1,142	0.71%
	Black	15,684	51.9%	5,870	19.4%	0	0.0%	8,306	27.5%	15	0.05%	346	1.14%
	Latino	68,647	46.9%	29,662	20.3%	0	0.0%	46,884	32.1%	53	0.04%	986	0.67%
	AAPI	19,727	56.6%	7,294	20.9%	0	0.0%	7,603	21.8%	33	0.10%	217	0.62%
	Other	10,213	49.1%	4,233	20.3%	0	0.0%	6,150	29.6%	21	0.10%	192	0.92%
San Diego*	Total	461,926	49.5%	312,444	33.5%	152,907	16.4%	0	0.0%	966	0.10%	5,036	0.54%
	White	277,438	50.4%	183,570	33.3%	86,326	15.7%	0	0.0%	666	0.12%	2,996	0.54%
	Black	15,541	50.6%	9,911	32.3%	5,053	16.4%	0	0.0%	27	0.09%	200	0.65%
	Latino	87,185	46.7%	62,565	33.5%	35,752	19.2%	0	0.0%	114	0.06%	903	0.48%
	AAPI	54,977	50.7%	36,652	33.8%	16,098	14.8%	0	0.0%	99	0.09%	582	0.54%
	Other	26,785	47.3%	19,746	34.9%	9,679	17.1%	0	0.0%	59	0.10%	356	0.63%
San Francisco	Total	146,370	53.5%	54,407	19.9%	0	0.0%	68,776	25.2%	821	0.30%	3,069	1.12%
	White	64,447	52.7%	25,709	21.0%	0	0.0%	30,220	24.7%	524	0.43%	1,502	1.23%
	Black	4,737	51.7%	1,738	19.0%	0	0.0%	2,518	27.5%	21	0.23%	155	1.69%
	Latino	12,056	48.0%	5,130	20.4%	0	0.0%	7,571	30.1%	54	0.21%	311	1.24%
	AAPI	58,227	56.6%	18,862	18.3%	0	0.0%	24,712	24.0%	172	0.17%	908	0.88%
	Other	6,904	49.8%	2,968	21.4%	0	0.0%	3,757	27.1%	50	0.36%	192	1.39%
San Joaquin	Total	83,762	52.6%	50,277	31.6%	0	0.0%	23,722	14.9%	20	0.01%	1,421	0.89%
	White	34,225	51.9%	21,436	32.5%	0	0.0%	9,676	14.7%	8	0.01%	544	0.83%
	Black	4,994	52.3%	2,965	31.0%	0	0.0%	1,443	15.1%	0	0.00%	147	1.54%
	Latino	20,411	49.6%	13,513	32.9%	0	0.0%	6,816	16.6%	5	0.01%	385	0.94%
	AAPI	15,774	59.7%	7,247	27.4%	0	0.0%	3,191	12.1%	5	0.02%	191	0.72%
	Other	8,358	51.5%	5,116	31.5%	0	0.0%	2,594	16.0%	1	0.01%	154	0.95%
San Luis Obispo	Total	61,705	54.8%	19,944	17.7%	0	0.0%	29,912	26.6%	143	0.13%	956	0.85%
	White	48,606	55.3%	15,691	17.9%	0	0.0%	22,680	25.8%	119	0.14%	737	0.84%
	Black	442	54.2%	148	18.2%	0	0.0%	213	26.2%	1	0.13%	11	1.36%
	Latino	7,320	51.5%	2,384	16.8%	0	0.0%	4,384	30.8%	12	0.08%	125	0.88%
	AAPI	1,692	58.1%	504	17.3%	0	0.0%	688	23.6%	5	0.18%	24	0.81%
	Other	3,645	53.0%	1,217	17.7%	0	0.0%	1,947	28.3%	5	0.08%	59	0.86%
San Mateo*	Total	119,312	51.0%	87,259	37.3%	25,025	10.7%	3	0.0%	373	0.16%	1,837	0.79%
	White	57,226	51.0%	41,865	37.3%	12,051	10.7%	1	0.0%	248	0.22%	887	0.79%
	Black	1,267	51.1%	909	36.7%	278	11.2%	0	0.0%	2	0.08%	22	0.87%
	Latino	15,286	47.0%	13,145	40.4%	3,846	11.8%	0	0.0%	20	0.06%	241	0.74%
	AAPI	39,250	53.3%	26,345	35.8%	7,439	10.1%	2	0.0%	80	0.11%	568	0.77%
	Other	6,283	49.0%	4,996	38.9%	1,412	11.0%	0	0.0%	23	0.18%	119	0.93%
Santa Barbara	Total	60,189	48.4%	49,385	39.7%	0	0.0%	13,345	10.7%	231	0.19%	1,193	0.96%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	39,566	49.8%	31,069	39.1%	0	0.0%	8,015	10.1%	180	0.23%	690	0.87%
	Black	767	47.6%	658	40.8%	0	0.0%	161	10.0%	3	0.17%	25	1.55%
	Latino	13,789	44.9%	12,688	41.3%	0	0.0%	3,873	12.6%	27	0.09%	320	1.04%
	AAPI	2,876	50.3%	2,190	38.3%	0	0.0%	567	9.9%	10	0.18%	79	1.38%
	Other	3,191	47.0%	2,779	40.9%	0	0.0%	729	10.7%	10	0.15%	79	1.17%
Santa Clara*	Total	230,530	45.2%	205,581	40.3%	69,590	13.6%	1	0.0%	237	0.05%	4,108	0.81%
	White	85,129	47.4%	71,498	39.8%	21,440	11.9%	0	0.0%	123	0.07%	1,358	0.76%
	Black	3,178	43.0%	3,112	42.1%	1,021	13.8%	0	0.0%	3	0.05%	80	1.08%
	Latino	27,485	39.3%	30,818	44.1%	10,988	15.7%	0	0.0%	14	0.02%	608	0.87%
	AAPI	103,740	45.5%	89,821	39.4%	32,678	14.3%	1	0.0%	84	0.04%	1,842	0.81%
	Other	10,998	43.9%	10,331	41.3%	3,462	13.8%	0	0.0%	13	0.05%	220	0.88%
Santa Cruz*	Total	39,468	41.0%	41,622	43.2%	12,354	12.8%	1,887	2.0%	280	0.29%	747	0.78%
	White	29,202	41.6%	30,737	43.8%	8,234	11.7%	1,297	1.8%	233	0.33%	542	0.77%
	Black	304	39.8%	338	44.2%	92	12.1%	18	2.3%	3	0.41%	9	1.18%
	Latino	6,083	38.2%	6,462	40.6%	2,851	17.9%	385	2.4%	20	0.13%	116	0.73%
	AAPI	1,589	42.8%	1,555	41.9%	467	12.6%	67	1.8%	9	0.25%	25	0.68%
	Other	2,290	40.0%	2,530	44.2%	710	12.4%	121	2.1%	15	0.25%	55	0.95%
Shasta	Total	20,778	34.4%	19,831	32.8%	0	0.0%	19,264	31.9%	20	0.03%	536	0.89%
	White	17,519	34.5%	16,571	32.7%	0	0.0%	16,200	31.9%	16	0.03%	444	0.87%
	Black	156	33.8%	167	36.3%	0	0.0%	133	28.8%	0	0.01%	5	0.99%
	Latino	1,063	31.8%	1,156	34.5%	0	0.0%	1,094	32.7%	0	0.01%	31	0.94%
	AAPI	398	39.3%	301	29.7%	0	0.0%	299	29.6%	2	0.20%	12	1.23%
	Other	1,642	33.8%	1,636	33.7%	0	0.0%	1,538	31.6%	2	0.03%	44	0.90%
Sierra	Total	1,389	88.0%	93	5.9%	0	0.0%	85	5.4%	0	0.00%	11	0.70%
	White	1,191	88.8%	77	5.8%	0	0.0%	65	4.8%	0	0.00%	8	0.61%
	Black	5	90.6%	0	2.0%	0	0.0%	0	7.4%	0	0.00%	0	0.00%
	Latino	97	85.1%	9	8.1%	0	0.0%	6	5.7%	0	0.00%	1	1.16%
	AAPI	3	90.1%	0	3.1%	0	0.0%	0	6.2%	0	0.00%	0	0.56%
	Other	93	81.7%	6	5.6%	0	0.0%	13	11.5%	0	0.00%	1	1.25%
Siskiyou	Total	9,503	61.7%	2,418	15.7%	0	0.0%	3,294	21.4%	10	0.06%	168	1.09%
	White	7,825	62.0%	1,976	15.7%	0	0.0%	2,675	21.2%	8	0.06%	139	1.10%
	Black	84	65.3%	17	12.9%	0	0.0%	26	20.5%	0	0.00%	2	1.35%
	Latino	522	63.6%	110	13.5%	0	0.0%	180	21.9%	1	0.12%	8	0.93%
	AAPI	85	54.2%	21	13.7%	0	0.0%	48	30.5%	0	0.04%	2	1.58%
	Other	988	59.3%	294	17.6%	0	0.0%	365	21.9%	1	0.07%	17	1.04%
Solano	Total	56,008	50.0%	452	0.4%	0	0.0%	54,930	49.0%	69	0.06%	644	0.57%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	27,168	51.0%	218	0.4%	0	0.0%	25,571	48.0%	48	0.09%	274	0.51%
	Black	6,760	48.8%	83	0.6%	0	0.0%	6,888	49.7%	4	0.03%	115	0.83%
	Latino	8,713	46.5%	74	0.4%	0	0.0%	9,850	52.5%	6	0.03%	105	0.56%
	AAPI	8,748	53.1%	35	0.2%	0	0.0%	7,597	46.1%	7	0.04%	95	0.57%
	Other	4,619	47.4%	42	0.4%	0	0.0%	5,025	51.6%	5	0.05%	56	0.57%
Sonoma*	Total	91,337	47.9%	73,078	38.4%	18,246	9.6%	6,142	3.2%	240	0.13%	1,501	0.79%
	White	67,744	48.9%	52,242	37.7%	12,997	9.4%	4,172	3.0%	187	0.14%	1,082	0.78%
	Black	940	44.8%	840	40.0%	196	9.4%	97	4.6%	5	0.23%	21	1.02%
	Latino	9,791	42.4%	9,703	42.0%	2,473	10.7%	923	4.0%	16	0.07%	169	0.73%
	AAPI	3,396	50.9%	2,447	36.7%	537	8.1%	219	3.3%	3	0.04%	63	0.95%
	Other	9,465	46.7%	7,845	38.7%	2,042	10.1%	730	3.6%	29	0.14%	165	0.81%
Stanislaus*	Total	60,015	49.6%	37,047	30.6%	9	0.0%	23,130	19.1%	32	0.03%	886	0.73%
	White	32,017	51.2%	19,011	30.4%	6	0.0%	11,080	17.7%	21	0.03%	435	0.69%
	Black	1,544	49.2%	1,049	33.4%	0	0.0%	510	16.2%	1	0.03%	33	1.04%
	Latino	19,113	46.0%	12,801	30.8%	2	0.0%	9,328	22.4%	6	0.01%	325	0.78%
	AAPI	3,804	55.8%	2,005	29.4%	1	0.0%	964	14.1%	2	0.02%	41	0.60%
	Other	3,537	50.4%	2,181	31.1%	0	0.0%	1,249	17.8%	2	0.03%	53	0.75%
Sutter	Total	11,817	43.8%	9,612	35.6%	0	0.0%	5,344	19.8%	11	0.04%	187	0.69%
	White	6,313	42.3%	5,621	37.7%	0	0.0%	2,879	19.3%	6	0.04%	108	0.72%
	Black	174	42.4%	148	36.1%	0	0.0%	85	20.7%	0	0.01%	3	0.78%
	Latino	2,026	42.3%	1,586	33.1%	0	0.0%	1,134	23.7%	2	0.04%	42	0.88%
	AAPI	2,465	50.5%	1,525	31.2%	0	0.0%	872	17.9%	0	0.01%	20	0.40%
	Other	838	42.7%	733	37.3%	0	0.0%	374	19.1%	3	0.13%	14	0.73%
Tehama	Total	6,998	39.5%	6,731	38.0%	0	0.0%	3,858	21.8%	5	0.03%	112	0.63%
	White	5,505	39.1%	5,396	38.4%	0	0.0%	3,070	21.8%	3	0.02%	88	0.63%
	Black	37	42.6%	36	41.2%	0	0.0%	14	15.8%	0	0.00%	0	0.42%
	Latino	843	41.1%	730	35.6%	0	0.0%	463	22.6%	1	0.05%	14	0.68%
	AAPI	75	52.8%	47	32.9%	0	0.0%	20	13.9%	0	0.28%	0	0.12%
	Other	538	39.5%	521	38.3%	0	0.0%	291	21.4%	0	0.03%	10	0.70%
Trinity	Total	2,078	48.7%	1,753	41.1%	0	0.0%	412	9.7%	5	0.12%	15	0.35%
	White	1,751	48.4%	1,491	41.2%	0	0.0%	355	9.8%	5	0.13%	14	0.39%
	Black	9	49.4%	7	39.9%	0	0.0%	2	10.6%	0	0.00%	0	0.11%
	Latino	62	46.3%	54	40.5%	0	0.0%	18	13.2%	0	0.01%	0	0.04%
	AAPI	39	62.2%	22	34.8%	0	0.0%	2	3.0%	0	0.02%	0	0.03%
	Other	217	50.2%	178	41.3%	0	0.0%	35	8.2%	0	0.06%	1	0.17%
Tulare	Total	41,821	52.5%	21,664	27.2%	0	0.0%	15,566	19.5%	20	0.03%	636	0.80%

Voter's Choice Act Report on the 2022 General Election
California Secretary of State | October 2024

Jurisdiction	Subethnic Group	Mail		Drop Box		Vote Center Drop Off		Drop Off Location		Fax		Non-Deliverable / Rejected	
		Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
	White	20,184	53.4%	10,438	27.6%	0	0.0%	6,914	18.3%	15	0.04%	274	0.72%
	Black	551	52.6%	334	31.8%	0	0.0%	155	14.8%	0	0.01%	9	0.81%
	Latino	17,867	51.2%	9,315	26.7%	0	0.0%	7,423	21.3%	4	0.01%	303	0.87%
	AAPI	1,263	58.3%	551	25.4%	0	0.0%	334	15.4%	0	0.00%	19	0.86%
	Other	1,956	52.1%	1,026	27.3%	0	0.0%	739	19.7%	1	0.03%	32	0.85%
Tuolumne*	Total	9,976	44.4%	6,882	30.7%	1,438	6.4%	3,810	17.0%	11	0.05%	328	1.46%
	White	8,431	44.6%	5,848	30.9%	1,193	6.3%	3,158	16.7%	9	0.05%	264	1.40%
	Black	34	52.4%	16	24.3%	7	10.0%	8	11.9%	0	0.05%	1	1.34%
	Latino	709	42.5%	500	30.0%	112	6.7%	315	18.9%	0	0.00%	32	1.93%
	AAPI	109	49.4%	54	24.5%	14	6.6%	37	16.8%	1	0.48%	5	2.16%
	Other	693	43.6%	464	29.2%	112	7.1%	292	18.4%	0	0.03%	26	1.66%
Ventura*	Total	86,825	34.2%	136,355	53.8%	28,416	11.2%	392	0.2%	239	0.09%	1,381	0.54%
	White	54,248	35.0%	82,489	53.3%	16,879	10.9%	255	0.2%	175	0.11%	860	0.56%
	Black	1,241	34.0%	2,017	55.3%	357	9.8%	6	0.2%	2	0.04%	23	0.64%
	Latino	20,208	31.6%	35,343	55.4%	7,856	12.3%	90	0.1%	30	0.05%	325	0.51%
	AAPI	6,795	37.8%	9,235	51.3%	1,825	10.1%	20	0.1%	22	0.12%	100	0.55%
	Other	4,334	32.8%	7,271	55.0%	1,499	11.3%	22	0.2%	11	0.09%	73	0.55%
Yolo*	Total	24,649	39.2%	37,372	59.5%	136	0.2%	0	0.0%	99	0.16%	602	0.96%
	White	14,797	40.2%	21,519	58.4%	85	0.2%	0	0.0%	73	0.20%	343	0.93%
	Black	544	39.8%	803	58.7%	3	0.2%	0	0.0%	2	0.16%	15	1.09%
	Latino	4,639	35.2%	8,401	63.7%	28	0.2%	0	0.0%	9	0.07%	114	0.87%
	AAPI	2,948	42.0%	3,968	56.5%	13	0.2%	0	0.0%	8	0.12%	82	1.17%
	Other	1,721	38.5%	2,681	60.0%	7	0.2%	0	0.0%	7	0.16%	48	1.08%
Yuba	Total	8,133	47.0%	4,913	28.4%	0	0.0%	4,138	23.9%	5	0.03%	97	0.56%
	White	5,461	47.1%	3,262	28.2%	0	0.0%	2,793	24.1%	4	0.03%	66	0.57%
	Black	239	46.5%	177	34.3%	0	0.0%	95	18.5%	0	0.00%	4	0.74%
	Latino	1,290	45.4%	813	28.7%	0	0.0%	719	25.3%	0	0.00%	16	0.56%
	AAPI	463	54.5%	213	25.1%	0	0.0%	168	19.8%	1	0.12%	4	0.44%
	Other	681	45.4%	448	29.9%	0	0.0%	363	24.2%	0	0.01%	7	0.48%

Takeaways

Across California, there were more than 11 million ballots cast in the 2022 General Election. Of the votes cast statewide, 9.8 million, or 88.1%, were cast as a mail ballot. Given the popularity of vote-by-mail, it is important

to highlight that over 4.5 million, or 45.7%, of all mail ballots were returned via mail. Returning mail ballots via mail was the most utilized return method among non-VCA and VCA county voters.

Across almost all racial/ethnic groups, casting a ballot via a county-issued drop-box was at least 10 percentage points higher in VCA counties compared to non-VCA counties. This difference could be because VCA counties may provide more drop boxes or make them more accessible than their non-VCA counterparts. While vote centers were unavailable to return mail ballots in non-VCA counties, they were adequately utilized by voters in VCA counties to drop off mail ballots. With an overall utilization rate of 16.2% in VCA counties and 0.0% in non-VCA counties, vote centers have proved to be an important factor for voting in person and by mail ballot.

While the rate of mail ballots deemed undeliverable or rejected by county election officials remains under 1.0%, there is a slight disparity against Black voters across the State, non-VCA counties, and VCA counties. The scope of this analysis does not include why mail ballots were deemed undeliverable or rejected by county election officials, but this topic could be further investigated in future research.

CONCLUSION

California had 21.9 million registered voters at the time of the 2022 General Election. This is a slight decrease from the 22.0 million at the time of the 2020 General Election (a Presidential election) and an increase of over two million since the 2018 General Election.^{38 39} As California's diverse electorate continues to grow, it will be imperative for election officials to continue to address the turnout gap described at the beginning of this report. Culturally appropriate and frequent outreach, accessible voting methods, and increased investment on infrequent voters are all recommended to counter the cycle of under- mobilization.

White registered voters in VCA counties turned out at a considerably higher percentage than any other group during the 2022 General Election. While White turnout reached 64.4%, neither Latino, AAPI, nor Black turnout reached 50%. In VCA counties, the turnout gap between White and Latino voters was especially large as White turnout was almost than double that of Latino turnout (64.4% compared to 36.2%). Although this is not a novel trend, state and county elections officials, as well as electoral campaigns, must continue to address these turnout gaps.

Turnout gaps also existed across age groups in VCA counties during the 2022 General Election. While nearly 71.2% of registered voters older than 65 voted, turnout for voters aged 18 to 29 was 28.5% – meaning that California's oldest registered electorate was nearly 2.5 times as likely to vote compared to its youngest registered electorate.

Another key observation is that there are about one million voters registered in a language other than English with Spanish-speakers being the second largest language group. Turnout across language groups ranged from 28.2% (Khmer) to 49.5% (Vietnamese). For California's two largest language groups, turnout for English-speaking voters (50.9%) was more than 15.7 percentage points higher than Spanish-speaking voters (35.2%).

Finally, there was a high utilization of vote-by-mail in the 2022 General Election. Approximately 9.7 million, or 88.1% of Californians voted by mail during the General. In VCA counties (excluding Los Angeles), VBM is especially common with 90.6% of votes being cast by mail. This estimate suggests that voters outside of Los Angeles County had a slight preference for voting by mail. The reason for this preference is outside the scope of this report but should be investigated in the future.

Given these conclusions, our policy recommendations remain the same as those discussed in the 2022 Primary Election report.

³⁸ Report of Registration – October 19, 2020 :: California Secretary of State, <https://www.sos.ca.gov/elections/report-registration/15day-gen-2020>.

³⁹ Report of Registration – October 22, 2018 :: California Secretary of State, <https://www.sos.ca.gov/elections/report-registration/15-day-gen-2018>.

Below are our top recommendations:

1. All counties should invest in mobilization through social contact.
 - i. Door-to-door canvassing - especially when done by trusted community groups, is a proven method of increasing turnout among non-habitual voters.⁴⁰
2. All counties should work to expand civic education in schools.
 - i. There is evidence that Black and Latino teens having less access to civic education than their White counterparts.⁴¹ By partnering with local schools, county elections offices can mobilize youth and help close the age-based and racial turnout gaps.
3. All counties should increase community outreach and partnerships to engage with non-English speaking voters continually during election cycles.
 - i. This includes more robust engagement with Language Accessibility Advisory Committees (LAAC), which most counties already utilize to advise and assist county registrars with implementation of state and federal law.

⁴⁰ Bedolla, L. G., & Michelson, M. R. (2012). *Mobilizing inclusion: Transforming the electorate through get-out-the-vote campaigns*. Yale University Press.

⁴¹ Kiesa et al., Tufts University, CIRCLE: Growing Voters Building Institutions and Community Ecosystems for Equitable Election Participation, https://circle.tufts.edu/sites/default/files/2022-08/circle_growing_voters.pdf.