

California Election Data Guide

Last updated: July 30, 2026

California provides statewide and county-level data on election results, voter registration, turnout, and voting equipment, published on the [Elections Statistics](#) page through the [Elections Division of the California Secretary of State](#). Most datasets are posted on dedicated webpages as .pdf or .xlsx files.

California's individual-level voter file is not published online, but state law [allows access](#) for certain groups and individuals. The Secretary of State does not publish precinct-level results. Those results are compiled by the [Statewide Database](#) (California's official redistricting database), and published individually by county election offices.

In the data descriptions below, we identify the locations of the data and their dedicated webpages. The variables provided by the state and by Los Angeles, San Diego, Orange, and Santa Clara counties are detailed below.

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Statewide

Statement of Vote

Description

The Statement of Vote is California’s official canvass of a statewide election. For each election, the Secretary of State publishes a complete Statement of Vote as a .pdf

alongside individual reports for each statewide contest, reported by county and by political district within county, either as .pdf, .xlsx, or both. Two spreadsheets, one covering candidate contests and one covering state ballot measures, provide county-level vote totals for the whole election in .xlsx files in CSV format. The archive covers statewide primary, general, presidential primary, and special elections from 1990 through the June 2, 2026 primary.

Dedicated Webpage

Statewide election results archive: <https://www.sos.ca.gov/elections/prior-elections/statewide-election-results>. This page lists every statewide election back to 1990; each election links to its own Statement of Vote page.

Special election results: <https://www.sos.ca.gov/elections/prior-elections/special-elections>

Variables

Candidates

The candidate spreadsheet contains:

- + Election Date
- + Election Name [e.g. “November 5, 2024, General Election”]
- + County ID
- + County Name
- + Contest ID
- + Contest Name
- + Candidate ID
- + Candidate Name
- + Incumbent Flag [Y/N]
- + Write-in Flag [Y/N]
- + Party ID

- + Party Name
- + Vote Total

Ballot Measures

The ballot measure spreadsheet contains:

- + Election Date
- + Election Name
- + County ID
- + County Name
- + Ballot Measure ID
- + Ballot Measure Name [e.g. "Proposition 2"]
- + Ballot Measure Title
- + Yes Votes
- + No Votes

Notes for use

- + The candidate and ballot measure spreadsheets first appear with the November 8, 2016 general election; earlier elections provide per-contest files only.
- + Files are Excel workbooks: .xls through 2018 and .xlsx from 2020 (specific files may differ).
- + Each statewide contest is published separately in both PDF and XLSX, and broken out several ways: statewide summary by county, political districts within counties, and counties by congressional, senate, assembly, and Board of Equalization district.

Precinct-Level Results (Statewide Database)

Description

The Secretary of State does not publish precinct-level election results. These results are compiled by the Statewide Database, California's official redistricting database, hosted and operated at the UC Berkeley School of Law on behalf of the State of California. The Statewide Database standardizes each county's precinct returns into a common format, provides registration and turnout by precinct alongside the vote counts, and supplies conversion files that map precincts to census blocks and districts. Election coverage runs from 2000 through 2025 for general, primary, and special elections, plus the 2003 recall; data from 1992 to 2000 are available at census block level only, as precinct-level data are unavailable for those years.

Dedicated Webpage

Election data: <https://statewidedatabase.org/election.html>

Variables

Each election is published as a set of related files rather than a single table. The dataset types are:

- + Statement of Vote (SOV) State [CONTEST, FIELD, DISTRICT_TYPE, DISTRICT, NAME]
- + SOV Local [COUNTY, FIPS, CONTEST, ELECTION, GEO_TYPE (geographic unit ex. precinct), JURISDICTION, OFFICE, DISTRICT, CANDIDATE, VOTES]
- + Registration [Registration by precinct]
- + Vote by MAIL [Vote-by-mail voter counts]
- + POLL Voters [In-person polling place voters]
- + Voters [Total voter counts]

Files are published at several precinct geographies: SV (statewide voter) precincts, SR (statewide redistricting) precincts, RG and RR registration precincts, and the 2020 census block level. Data are available at the county and statewide levels.

Notes for use

- + Files are available as CSV and DBF, with statewide aggregations distributed as ZIP archives. Codebooks are provided in both text and CSV.
- + Small precincts are masked. Precincts with fewer than ten voters are suppressed for privacy, with counts asterisked or zeroed depending on the file format.
- + The multiple precinct geographies exist because registration precincts and voting precincts do not always align; the conversion tables allow precinct results to be matched to census geography and to districts.

Voter Registration Information File

Description

California's statewide voter file is not published online, but it is [available on mail application](#) to a defined set of requesters, including researchers. Under [state law](#), the Secretary of State may release voter registration information to any candidate for federal, state, or local office, any committee for or against an initiative or referendum, "any person for election, scholarly, journalistic, or political purposes," and any person for governmental purposes as determined by the Secretary of State.

Dedicated Webpage

<https://www.sos.ca.gov/elections/voter-registration/voter-registration-information-file-request>. This page describes eligibility, permitted uses, the fee schedule, and what the files contain.

Variables

Voter Registration Data File

- + Name
- + Date of birth
- + Registration date
- + Residential address
- + Mailing address
- + Precinct
- + Contact information
- + Political party preference

Voter Participation History File (by request)

- + Election type
- + Election date
- + Voting method

Political Districts File (by request)

- + Precinct number
- + District number
- + District type

Notes for use

- + Scholarly research is an explicitly permitted purpose, so this file is obtainable for academic work. The statewide application fee is \$100. Requests limited to a single county are priced by that county, and single-voter lookups are \$30 per record up to a \$100 maximum for as many as ten voters. The Secretary of State states that applications take 7–14 business days to review and process.
- + The released file excludes driver's license number, identification card number, the last four digits of the Social Security number, the voter's unique identifier,

and any signature or digitized signature image, per Elections Code section 2194(b).

- + Confidential voter records and the pre-registration records of 16- and 17-year-olds are excluded.
- + Files are delivered as tab-delimited plain text.

Report of Registration

Description

The Report of Registration (ROR) is California's official voter registration series. [State law](#) requires the Secretary of State to report registration levels at fixed intervals before each statewide election and once during each odd-numbered year. Each report is published as a set of tables covering registration by county, age range, district, and political subdivision, plus pre-registration counts for 16- and 17-year-olds. Reports are typically issued 154 days, 60 days, and 15 days before an election (the longest-lead report is sometimes dated 88, 123, or 124 days out instead), with an additional report each odd-numbered year dated February 10. The series runs back to 2002.

Dedicated Webpage

<https://www.sos.ca.gov/elections/voter-registration/voter-registration-statistics>. This page lists every Report of Registration by election, each linking to its own page of tables.

Variables

Registration by County

- + County
- + Eligible [Residents eligible to register]
- + Total Registered
- + Democratic

- + Republican
- + American Independent
- + Green
- + Libertarian
- + Peace and Freedom
- + Unknown
- + Other
- + No Party Preference

Registration by Age Range by County

- + County
- + Total Registered
- + 17.5 - 25 [Includes 17-year-olds who will be 18 in an upcoming election]
- + 26 - 35
- + 36 - 45
- + 46 - 55
- + 56 - 65
- + 66+

Pre-Registration by County

- + County
- + Total Pre-Registered [16- and 17-year-olds who have pre-registered]
- + Democratic, Republican, American Independent, Green, Libertarian, Peace and Freedom, Unknown, Other, No Party Preference [same party columns as Registration by County]

Notes for use

- + Each report also includes the same-party breakdown aggregated by U.S. Congressional District, State Senate District, State Assembly District, State Board of Equalization District, County Supervisorial District, and Political

Subdivision by County, plus a Registration by Political Bodies Attempting to Qualify table.

- + Most ROR tables are available as both PDF and XLSX, which makes this the most practical source for registration figures in machine-readable form.
- + The “Voter Registration Statistics by County” table published inside each Statement of Vote is the 15-Day Report of Registration for that election, reproduced as a PDF, with the same twelve columns as Registration by County above. If you want that data in a spreadsheet, take it from the Report of Registration rather than the Statement of Vote.
- + Counties publish their own registration reports, all PDF-only; this file supersedes most of them. San Diego’s is the exception, being monthly from April 2000 rather than the state’s per-election cadence; [see the San Diego County section below](#). Los Angeles publishes reports back to February 2003, but from October 2016 its figures are identical to this file, so they are only useful for 2003 to mid-2016.
- + Older reports use in-house numeric party codes that are not stable across years, e.g. code 04 means American Independent in 2012 but Green in 2016. Orange County’s is current-only and overwritten in place with no archive.

National Voter Registration Act (NVRA) Voter Registration Reports

Description

A set of reports tracking where voter registrations originate: the Department of Motor Vehicles, public assistance agencies, armed forces recruitment offices, other designated agencies, California’s online voter registration system (COVR), and the national mail form. The series is published under the National Voter Registration Act and includes both monthly/yearly operational tables and the biennial reports California files with the U.S. Election Assistance Commission. Coverage varies by report: agency totals run from 1995 to present; non-DMV totals broken out by county and category from April 2008; DMV New Motor Voter transactions from April 2018; and COVR from April 2014.

Dedicated Webpage

<https://www.sos.ca.gov/elections/voter-registration/nvra/reports>

Variables

All NVRA Voter Registration Agencies: Yearly and Monthly Totals, 1995 to Present

- + Year
- + Month
- + DMV
- + All Other NVRA Agencies
- + National Form
- + Total

Non-DMV Voter Registration Agencies: Monthly Totals by County and Category, April 2008 to Present

- + County
- + Public Assistance Agencies
- + State-Funded Agencies Serving Persons with Disabilities
- + Armed Forces Recruitment Offices
- + Other Agencies Designated
- + Unable to Distinguish Category
- + Totals

Notes for use

- + Reports are provided as Excel workbooks; the biennial EAC reports are available in both Excel and PDF.
- + The monthly county/category workbook stores each month in a separate worksheet (“April 08”, “May 08”, and so on), so a full time series requires iterating across worksheets rather than reading a single table. The workbook now holds well over a decade of monthly sheets.

- + Monthly figures are not available for the earliest years of the 1995-to-present series, which records “monthly totals not available” and reports annual totals only.
- + Companion reports cover DMV New Motor Voter transactions by category and by county (April 2018 to present), COVR by NVRA agency (April 2014 to present) and by county (February 2017 to present), university and college offices for students with disabilities, and other designated agencies.
- + Reports predating April 2018 for DMV registration are published separately (1995 to March 2018) and in the older .xls format.

Voter Participation Statistics by County

Description

A county-level turnout table published with each Statement of Vote, giving precinct and vote-by-mail voter counts, total voters, and turnout as a share of both registered voters and eligible residents.

Dedicated Webpage

Published as .pdf within each election’s Statement of Vote (see above), and indexed at <https://www.sos.ca.gov/elections/statistics/voter-participation-stats-county>

Variables

- + County Name
- + Number of Precincts
- + Number of Residents Eligible to Register to Vote
- + Total Registered Voters
- + Number of Precinct Voters
- + Number of Vote-By-Mail Voters
- + Total Voters
- + Percent of Vote-By-Mail Voters

- + Percent Turnout of Registered Voters
- + Percent Turnout of Eligible Voters

Notes for use

- + Provided as a PDF only, under the “Registration and Participation” heading of each Statement of Vote.
- + Counties are footnoted where they conduct elections under the Voter’s Choice Act (vote centers rather than precinct polling places), which affects how the precinct voter column should be read; some counties report zero precinct voters as a result.

Historical Voter Registration and Participation

Description

Two long-run statewide time series giving registration by party and turnout for every statewide election. One covers general and special elections back to 1910; a companion file covers primary elections back to 1914. Both are state-level and available as .pdf only.

Dedicated Webpage

Historical Voter Registration and Participation in Statewide General and Special Elections, 1910–2025: <https://elections.cdn.sos.ca.gov/sov/2025-special/sov/04-historical-voter-reg-general.pdf>

Historical Voter Registration and Participation in Statewide Primary Elections, 1914–2026: <https://elections.cdn.sos.ca.gov/sov/2026-primary/sov/04-historical-voter-reg-general.pdf>

Variables

General and Special Elections (1910–2025)

- + Election Date

- + Eligible
- + Democratic
- + Republican
- + Other
- + Total [Total registered]
- + Total Voters
- + Turnout Registered [Percent of registered voters]
- + Turnout Eligible [Percent of eligible residents]

Primary Elections (1914–2026)

- + Primary Date
- + Eligible
- + Democratic
- + Republican
- + Other
- + No Party Preference [not present in the general and special elections file]
- + Total [Total registered]
- + Total Votes
- + Turnout Registered
- + Turnout Eligible

Notes for use

- + Provided as PDFs only.
- + The file naming may be misleading. Both series use the filename 04-historical-voter-reg-general.pdf (or 05-historical-voter-reg-primary.pdf), and the file archived under a primary election’s Statement of Vote contains the *primary* series despite the “general” filename and despite being labeled “Statewide General Elections” in the link text.

- + The SOS link labels also disagree with the documents: the Elections Statistics page describes the primary series as “1910-2024” while the PDF is titled 1914–2024 and begins with the August 25, 1914 primary.
- + Each Statement of Vote archives a snapshot of the series current to that election, so older SOV pages link to older, shorter versions. For the latest data, use the Elections Statistics page.
- + Party registration columns are unavailable for the earliest elections.

Voting Technology

Description

Two county-level tables published as .pdf with each Statement of Vote documenting the voting equipment each county used in that election. “Voting Systems Used By Counties” covers tabulation and accessible ballot-marking equipment and appears in Statements of Vote as far back as the November 1990 general election. “Other Voting Technology Used By Counties” covers ballot-on-demand printing, remote accessible vote-by-mail, and electronic pollbooks, and begins with the March 3, 2020 presidential primary.

Dedicated Webpage

Published within each election’s Statement of Vote (<https://www.sos.ca.gov/elections/prior-elections/statewide-election-results>). Additional voting system certification information is available from the Office of Voting Systems Technology Assessment: <https://www.sos.ca.gov/elections/ovsta/>

Variables

Voting Systems Used By Counties

- + County
- + Central Tabulation System [e.g. “Dominion ICC 5.10A”]
- + Vote Center/Polling Place Tabulator [or “Central Tabulation Only”]

- + Accessibility Support [Accessible ballot-marking device]

Other Voting Technology Used By Counties

- + County
- + Ballot on Demand Elections Office [Printing system]
- + Ballot on Demand VoteCenter/Polling Place [Printing system]
- + Remote Accessible Vote by Mail System
- + Electronic Pollbook

Notes for use

- + Both tables are provided as PDFs only.
- + The two tables have different coverage: Voting Systems Used By Counties appears as far back as 1990, while Other Voting Technology Used By Counties begins in 2020.
- + Neither table appears in every Statement of Vote. The June 5, 2018 primary, for example, includes neither.

Los Angeles County

Los Angeles County elections are administered by the Registrar-Recorder/County Clerk (RR/CC), which publishes results, turnout, and registration data across several sites. The county runs its own publicly-owned voting system, Voting Solutions for All People (VSAP), and reports results through an in-house system.

Statement of Votes Cast

Description

The Statement of Votes Cast (SVC) is Los Angeles County's precinct-level canvass. Each election is distributed as a ZIP archive containing one Excel file per contest, with every precinct reported three times: once for in-person ballots, once for the vote-by-mail

portion, and once as a total. Registered voters and ballots cast are reported alongside the vote counts. Archives are available for elections from 2007 through 2026.

Dedicated Webpage

Past election results: <https://www.lavote.gov/home/voting-elections/current-elections/election-results/past-election-results>

Variables

Each contest file carries eight fixed columns followed by one column per candidate (or YES and NO for ballot measures):

- + LOCATION
- + PRECINCT
- + SERIAL
- + BALLOT GROUP
- + VOTE BY MAIL ONLY [Y/N]
- + REGISTRATION [Registered voters; populated only on TOTAL rows]
- + TYPE [POLLING PLACE, VBM PORTION, or TOTAL]
- + BALLOTS CAST
- + [One column per candidate, or YES / NO for measures]

Notes for use

- + Files are legacy .xls workbooks inside a ZIP, one file per contest, 369 of them for the November 2024 general (14 MB compressed, 70 MB unzipped). The column header sits on the third row, not the first.
- + “POLLING PLACE” is a misnomer after 2020. Los Angeles moved to vote centers under the Voter’s Choice Act, but the label never changed; from 2020 onward it means in-person voting at a vote center.
- + Filename codes identify contest type: -cc#### for candidate contests, -bmc#### for ballot measures, -rc#### for recalls.

- + Totals match the countywide JSON, but candidate names are punctuated differently between the two (“DONALD J TRUMP” in the SVC, “DONALD J. TRUMP” in the JSON), so naive name joins will fail.
- + Pre-2014 machine-readable results are unavailable. The downloads page still links 76 legacy .ets files covering 1996–2012, but they are hosted on a domain that no longer resolves and are not archived; 2008 survives as a PDF only.

Election Results JSON

Description

Countywide vote totals for each election, served as a single JSON document per election. This is the most convenient source for county-level results and covers 70+ elections, backfilled to 2013.

Dedicated Webpage

File downloads index: <https://www.lavote.gov/home/voting-elections/current-elections/election-results-file-downloads>

Variables

The payload nests Election, then ContestGroups[], then Contests[], then Candidates[].

The November 2024 general election has 15 contest groups.

- + Election.ID [Join key to the Statement of Votes Cast filenames]
- + Election.Date
- + Election.Title
- + ContestGroups[].Name
- + Contests[].Title
- + Contests[].Type [Candidate, Measure, or Presidential]
- + Contests[].AdditionalText
- + Contests[].MeasureText

- + Contests[].MeasurePassRate
- + Contests[].VoteFor
- + Candidates[].Name
- + Candidates[].Party
- + Candidates[].Votes
- + Timestamp

Notes for use

- + Countywide totals only, with no precinct breakdown and no turnout or registration figures.
- + The endpoint answers GET but returns 405 to HEAD requests. A JSON Schema for the payload is published inline in a collapsible section of the downloads page rather than as a separate file.
- + JSON replaced the older ETS/XML feeds in February 2021 and was backfilled to 2013.

Election Statistics

Description

Countywide turnout figures for each election: registration, ballots cast, and the split between vote-by-mail and vote center ballots.

Dedicated Webpage

<https://results.lavote.gov/text-results/{electionid}>. For example,
<https://results.lavote.gov/text-results/4324> (November 2024 general)

Variables

- + Total Registrations
- + Total Precincts
- + Voted [and turnout percentage]

- + Remaining Eligible Voters
- + Vote by Mail Ballots [and percentage of ballots cast]
- + Vote Center Ballots [and percentage of ballots cast]

Notes for use

- + Provided as an HTML page only; there is no CSV or API for these figures, and they are not included in the results JSON. They must be scraped.
- + The turnout denominator is not Election Day registration. The page states that the voter registration figure reflects registrations 29 days before the election, so turnout percentages are computed against a 29-day-prior denominator.

Voter File and Street Index

Description

Individual-level registration and voting history for Los Angeles County voters, available by purchase to requesters who qualify under state law.

Dedicated Webpage

Layout of file: <https://www.lavote.gov/docs/rrcc/documents/CDLayouts.pdf?v=2>

Variables

The published layout, “Voter Multipurpose File Layout,” documents 54 fixed-width fields in a 764-character record:

- + VOTER ID
- + STATUS [A = Active]
- + REASON [Status reason code]
- + AFFIDAVIT [Affidavit number]
- + LAST VOTED [Last method voted]
- + PREFIX
- + VOTERS NAME: LAST

- + VOTERS NAME: FIRST
- + VOTERS NAME: MIDDLE
- + VOTERS NAME: SUFFIX
- + HOUSE NUMBER
- + HOUSE FRACTION
- + PRE DIR
- + STREET
- + TYPE [Street type]
- + POST DIR
- + APT DESIGNATOR
- + APT NUMBER
- + VOTERS CITY
- + VOTERS STATE
- + VOTERS ZIP
- + PRECINCT
- + PORTION
- + CONSOLIDATION
- + SPLIT RANGE
- + PARTY
- + REG DATE
- + IMAGE ID
- + PHONE 1
- + PHONE 2
- + MILITARY [Y, N, or blank]
- + GENDER [F, M]
- + PERMANENT AV [Y/N]
- + NVRA SOURCE [Type of registration]
- + BIRTHPLACE
- + BIRTH DATE
- + MAIL IN CARE OF

- + MAIL STREET
- + MAIL CITY
- + MAIL STATE
- + MAIL ZIP
- + MAIL COUNTRY
- + LAST TRANSACTION DATE
- + LANGUAGE [Released only when allowed]
- + DMV NUMBER [Released only when allowed]
- + EMAIL Address
- + Original Registration Date
- + PAV Category [Permanent absentee category]
- + CONFIDENTIAL FLAG
- + ID REQUIRED
- + CITIZEN
- + UNDERAGE
- + VOTER HISTORY [160 characters; each election coded V (voted at polls), A (vote by mail), or N/blank (did not vote)]
- + CR/LF [Record terminator]

Notes for use

- + Access is gated by a paper application, payment, and proof of eligibility. Voter history is priced separately per name, and street indexes are sold for political purposes only. Files are delivered as plain text and remain available for seven days.
- + Researchers wanting statewide coverage should compare this against the Secretary of State's statewide voter file request, which covers all counties including Los Angeles under the same statutory purposes.

The published record layout is dated December 2003 and describes the county's pre-VoteCal Diebold system. Whether files delivered today still match that layout, and which fields a scholarly purchaser actually receives, is not confirmed.

San Diego County

San Diego County elections are administered by the Registrar of Voters (ROV). The county maintains an archive of published election reports, 186 elections reaching back to 1968, and reports live results through a third-party election night reporting platform that also exposes bulk CSV exports.

Election Results Archive

Description

The Registrar of Voters publishes an index of every election report it has released, covering 186 elections from June 1968 through June 2026. For each election the index links to a results bulletin and, where available, a canvass. The canvass is the precinct-level Statement of Votes Cast; the bulletin is a countywide contest-level summary. The form the canvass takes has changed over time: tab-delimited text exports for 2004–2018, PDFs throughout, and Excel workbooks from 2024 onward.

Dedicated Webpage

Past election information: <https://www.sdvote.com/content/rov/en/past-election-info.html>

Variables

Canvass text export (2004–2018)

The main results table is in long format, one row per precinct × contest × candidate × count type:

- + county_id [Always 37; not the county FIPS code, which is 073]
- + Consolidation_name [Consolidation # and area name joined, e.g. "105000-RANCHO BERNARDO"]

- + consolidation_id [Internal per-election key, not the consolidation number and not stable across elections]
- + stats_contest [Contest name]
- + contest_id [Joins to contest.txt]
- + stats_candidate [Candidate name, or a statistic label]
- + contest_id_cand_id [Composite contest_id:candidate_id, e.g. "5:9633"]
- + party
- + count_type [Poll Ballots, Mail Ballots, or Total]
- + stats_votes [Poll Ballots, Mail Ballots, or Total; spelled "Polls Ballots" in 2018]

The archive also bundles lookup tables (contest, candidate, contest_candidate), a consolidation-to-precinct map, and a precinct/district file.

Precinct turnout spreadsheet (bundled with the canvass)

- + Seq# [Row index for the listing, not a precinct identifier—join on Consolidation]
- + Consolidation [Group of home precincts sharing a polling place, the reporting unit]
- + Area Name [Community or city label for the consolidation, not an official jurisdiction]
- + Registered Voters
- + Mail Ballot Voters
- + Polls Voters
- + Ballots Cast
- + Overall Turnout%
- + Mail Ballot %
- + Polls Ballot %

Statement of Votes Cast (2024–2026)

- + Precinct [e.g. “0001-100000-SAN PASQUAL”]
- + Breakdown [Vote Centers, Mail, or Total]
- + Registered Voters
- + Voters Cast

- + Turnout (%)
- + [One column per candidate, labeled “PARTY - CANDIDATE NAME”]

Notes for use

- + Terminology changes across the Voter’s Choice Act transition. Count types are “Poll Ballots” / “Mail Ballots” / “Total” before 2018 and “Vote Centers” / “Mail” / “Total” afterward, the same concept under different labels. The precinct universe also changes (2,175 consolidated precincts in 2016 versus 1,976 in 2026).
- + There is a gap in tidy machine-readable canvass data for roughly 2019–2022; only the election night CSVs (2020 onward) and PDF canvasses cover that window.
- + The November 2016 election used two ballot cards per voter, so registration-to-cards-cast ratios can exceed 100% and totals differ between cards. The bundled readme documents this.

Election Night Results

Description

San Diego County reports live and recent election results through an external election night reporting platform. Alongside the dashboard, the platform exposes bulk CSV and XML exports covering results by contest and by precinct, with a mail versus vote center split. Exports are available for elections from March 2020 through June 2026.

Dedicated Webpage

Most recent results:

https://www.livevoterturnout.com/ENR/sandiegocaenr/24/en/Index_24.html

Bulk exports follow the pattern

https://www.livevoterturnout.com/ENR/sandiegocaenr/{id}/summary_{id}.csv (also [precincts_{id}.csv](#), [contests_{id}.csv](#), and [summary_{id}.xml](#)).

Variables

summary_{id}.csv

- + Contest Name
- + Candidate Name
- + Party
- + Mail Ballots Votes
- + Vote Center Ballots Votes
- + Provisional Votes
- + Total Votes
- + Number Of Precincts
- + Precincts Reported
- + Ballots Cast

precincts_{id}.csv

- + Precinct
- + Contest Name
- + Candidate Name
- + Votes
- + Voter Turnout

contests_{id}.csv

- + Contest Name
- + Number Of Precincts
- + Precincts Reported
- + Ballots Cast

Notes for use

- + The first two lines of each CSV are a title block, so the header is on the third line.

- + The same platform carries Orange County's election night results, as well as Riverside's and Imperial's, so the notes here may apply when working with their data.
- + The summary export is the only tidy modern source that carries a mail versus vote center split. Election IDs 8 and 15 through 24 correspond to elections from March 2020 to June 2026.
- + Several exports have potential data quality issues. The March 2020 summary duplicates every row, reports party as a numeric code rather than DEM/REP, and records zero mail ballots with all votes assigned to vote centers. The mail/in-person split for that election should not be trusted. The June 2022 summary reports zero precincts reported despite being final. The Provisional Votes column is zero in every election checked and appears never to be populated.

Voter Voted / Non-Voted Summary

Description

A precinct-level turnout report broken out by party, the only San Diego source that combines turnout, vote-by-mail, and party registration at precinct level. Published for elections from 2004 through 2022.

Dedicated Webpage

Linked from the past election information index; files follow the pattern

<https://www.sdvote.com/content/dam/rov/en/archive/{YYYYMM}vnv.pdf>. For example, <https://www.sdvote.com/content/dam/rov/en/archive/202211vnv.pdf>

Variables

The report is a cross-tab: for each consolidated precinct, every row block below is reported as a count and a percentage across every party column.

- + Registration
- + Voted

- + Non-Voted
- + Polls - Voted
- + AV Issued [Absentee/vote-by-mail ballots issued]
- + AV Voted [Absentee/vote-by-mail ballots voted]
- + REP
- + DEM
- + AI [American Independent]
- + LIB [Libertarian]
- + GRN [Green]
- + P/F [Peace and Freedom]
- + NPP [No Party Preference]
- + TOTAL

Each precinct block is headed by Consolidation and Consolidation Name.

Notes for use

- + PDF only; there is no CSV or spreadsheet equivalent, and the reports are long (635 pages for November 2022). Extraction requires PDF table parsing, and the layout interleaves count and percentage lines.
- + The series ends in 2022; there is no equivalent report for more recent elections.

Report of Registration

Description

A monthly county report of registration by party across state reporting districts: supervisorial, congressional, senate, and assembly. Published monthly from April 2000 through the present.

Dedicated Webpage

Reports page: <https://www.sdvote.com/content/rov/en/elections/report-query.html>

Files follow the pattern

<https://www.sdvote.com/content/dam/rov/en/reports/{YYYYMM}.pdf>

Variables

- + 00 AI [American Independent]
- + 01 DEM
- + 02 REP
- + 04 GRN [Green]
- + 05 LIB [Libertarian]
- + 06 PF [Peace and Freedom]
- + 08 MISC [Miscellaneous]
- + 09 DECL [Declined to state / No party preference]
- + Total

Each report also carries a Registration Close Date and a Run Date.

Notes for use

- + PDF only, with no CSV or API. Roughly 237 monthly files are posted.
- + The county also publishes an “Active Registered Voters” Power BI dashboard on the same page showing registration by party and by age group (18-24, 25-39, 40-54, 55-69, 70-84, 85+).

Past Voter Turnout Report

Description

A single 4-page report as .pdf giving countywide registration, turnout, and vote-by-mail figures for every election from 1980 through 2025, 174 elections in one table.

Dedicated Webpage

<https://www.sdvote.com/content/dam/rov/en/reports/voter-turnouts.pdf>

Variables

- + Election Date
- + Election Title
- + Registered Voters
- + Total Votes Cast
- + % of Turnout
- + Absentee Issued
- + Absentee Voted
- + % of AV Voted [AV = Active Voters]
- + Absentee Voted % of Total
- + Requested Absentee Issued
- + Requested Absentee Voted
- + % of Requested AV Voted
- + Declared Absentee Issued
- + Declared Absentee Voted
- + Declared Absentee %
- + Perm Absentee Issued
- + Perm Absentee Voted
- + Perm Absentee %

Orange County

Orange County elections are administered by the Registrar of Voters (OC ROV), which publishes the most extensive machine-readable election data of the three counties covered here. Precinct-level results with vote-mode breakdowns are freely downloadable back to 2012, and several useful endpoints exist that are not linked on the site. Live results are reported through the same third-party election night platform San Diego uses. The Registrar also maintains an [election library](#) of roughly 85 reports.

The interactive [Previous Election Results](#) archive year dropdown advertises 1982 through 2025, but contest data only returns for elections through 2001. For 2002 onward use the Statement of Votes PDFs or the plain-text extracts. Where it does work, it returns countywide totals only, not precinct-level, as legacy HTML with Absentee Votes and Total Votes columns.

Precinct-Level Results

Description

Orange County publishes a plain-text extract of each election's results, described on the site as the extract "for data analysis," as a small ZIP containing a single delimited text file. Each row is a precinct × contest × choice, reporting registered voters, ballots cast, turnout, and votes broken out by voting mode, including overvotes, undervotes, and invalid votes for each mode. This is the most detailed and most usable results product any of the three counties offers. Extracts are available for 36 elections from November 2012 through June 2026, including specials and recalls.

Dedicated Webpage

Archived Statement of Votes: <https://ocvote.gov/data/election-results-archives/archived-statement-of-votes/>

Variables

2022–2026

- + .Precinct [note the leading period in the header]
- + Precinct ID
- + Precinct Reporting
- + Registered Voters
- + Ballots Cast
- + Turnout Percentage

- + Contest Title
- + Contest ID
- + Contest Party
- + Choice Name1 [or “Choice Name” in some elections]
- + Choice ID
- + Choice Party
- + Total Votes
- + Total Overvotes
- + Total Undervotes
- + Total Invalid Votes
- + Vote Center Votes
- + Vote Center Overvotes
- + Vote Center Undervotes
- + Vote Center Invalid Votes
- + Vote by Mail Votes
- + Vote by Mail Overvotes
- + Vote by Mail Undervotes
- + Vote by Mail Invalid Votes

2020–2021

The same identifying columns as the 2022–2026 era, but with the voting mode split three ways rather than two:

- + Early Vote Center Votes
- + Early Vote Center Overvotes
- + Early Vote Center Undervotes
- + Early Vote Center Invalid Votes
- + Election Day Vote Center Votes
- + Election Day Vote Center Overvotes
- + Election Day Vote Center Undervotes
- + Election Day Vote Center Invalid Votes
- + Vote by Mail Votes

- + Vote by Mail Overvotes
- + Vote by Mail Undervotes
- + Vote by Mail Invalid Votes

2012–2019

- + Precinct_Name
- + Split_Name
- + precinct_splitId
- + Reg_voters
- + Ballots
- + Reporting
- + Contest_id
- + Contest_title
- + Contest_party
- + Choice_id
- + Candidate_name
- + Choice_party
- + Candidate_Type
- + Absentee_votes
- + Early_votes
- + Election_Votes

Notes for use

- + There are three incompatible schema eras, and a single parser will not read all of them. The files differ in delimiter, column count, and header conventions.
- + Column naming drifts even within an era: “Choice Name1” in some elections and “Choice Name” in others; “Vote-by-Mail Votes” with hyphens in the 2021 recall versus “Vote by Mail Votes” with spaces from 2022 on.
- + Files from 2020–2021 begin with a junk first line (#FormatVersion 1); the real header is the second line and is prefixed with a #. Some values are space-padded.

- + Presidential primaries carry additional party-specific registration and turnout blocks (registered voters, ballots cast, and turnout percentage per party)
- + Machine-readable coverage begins with the November 2012 general. Earlier elections have a Statement of Votes PDF but no extract.

Election Night Results

Description

Live and recent results reported through an external election night reporting platform, with .csv, .xml, and .pdf exports of countywide contest and candidate totals. Exports cover elections from January 2020 through June 2026.

Dedicated Webpage

Current results: <https://ocvote.gov/results/current-election-results>

Exports follow the pattern

https://www.livevoterturnout.com/ENR/orangecaenr/{id}/summary_{id}.csv (also [contests_{id}.csv](#), [summary_{id}.xml](#), and [summary_{id}.pdf](#)).

Variables

`summary_{id}.csv`

- + Contest Name
- + Candidate Name
- + Party
- + Vote-by-Mail Ballots Votes
- + Vote Center Ballots Votes
- + Total Votes
- + Number Of Precincts
- + Precincts Reported
- + Ballots Cast

- + Under Votes
- + Vote For

summary_{id}.xml

The XML export is richer than the CSV. At the top level:

- + TotalBallotsCast
- + VoterTurnout
- + RegisteredVoters
- + GeneratedDate

And per row:

- + ElectionID
- + RaceID
- + RaceName
- + VoteFor
- + NumPositions
- + NonPartisanRace
- + ContestWithdrawn
- + RunOff
- + MajorPercent
- + MinimumVotes
- + ContestantID
- + ContestantName
- + Party
- + PartyName
- + EarlyVotingBallotsVotes
- + VotebyMailBallotsVotes
- + VoteCenterBallotsVotes
- + ProvisionalVotes

Notes for use

- + This is the same platform San Diego uses; the notes under San Diego's Election Night Results apply here, including the undocumented endpoints and the two preamble lines before the header.
- + An addressable archive of past elections exists but is not linked from the county site. Election IDs 1 through 23 (excluding 8 and 15) resolve, spanning January 2020 to June 2026 and including both unofficial and official snapshots.
- + These exports are countywide contest and candidate totals only.

Registration and Ballot Return Statistics

Description

Orange County publishes daily registration and vote-by-mail return statistics through a set of dashboards. The dashboards expose no export buttons, but they are driven by a plain JSON endpoint that returns the same figures.

Dedicated Webpage

Data Central: <https://ocvote.gov/datacentral/> (tabs for registration, ballots, results, maps, petitions, and visualizations)

Returned ballot data: <https://ocvote.gov/returned-ballot-data>

Endpoint: <https://ocvote.gov/datacentral/bin/get.php?q={query}&p={param}>

Variables

- + party-counts: Registered Voters by Party [Party, Registered Voters]
- + total-party-counts: the same plus a total active voters row
- + vbm-trend-issued: Vote-by-Mail Ballots Issued by Date [Date, Ballots]
- + vbm-trend-returned: Vote-by-Mail Ballots Returned by Date [Date, Ballots]
- + pre-count: Precinct Status for the County [Status, Count]

- + pre-counts-all: Precinct Status, All Precincts [Precinct, Polling Place Name, Address, Status]
- + pre-counts-by-city, pre-counts-cities-detail: precinct status by city

Notes for use

- + The p parameter takes option IDs scraped from the tab's HTML: roughly 35 cities (with *0 for countywide) and 115 districts.
- + This endpoint is undocumented and unversioned and could change without notice. Values are returned pre-formatted as strings with thousands separators, alongside raw numeric values under a separate key.
- + This is the cleanest machine-readable path to Orange County's daily registration and vote-by-mail return time series; the dashboards themselves offer no download.
- + The Visualizations tab is a Power BI embed with no bulk export.

Voter Data for Purchase (Voter Record and Voter History Data)

Description

Individual-level registration and voting history for Orange County voters, available by application. Commercial use is prohibited by law. The file layout is published online even though the data is not.

Dedicated Webpage

<https://ocvote.gov/data/voter-data-available-for-purchase>

Registered Voter File Layout: https://ocvote.gov/sites/default/files/2023-VDS/Registered_Voter_File_Layout.pdf

Variables

The published layout documents two tab-delimited files with column headings in the first row.

Voter Record

- + lVoterUniqueID [County voter ID]
- + sAffNumber [Affidavit number]
- + szStateVoterID [State-assigned ID]
- + sVoterTitle [Mr., Mrs., Ms., Miss]
- + szNameLast
- + szNameFirst
- + szNameMiddle
- + szNameSuffix
- + sGender
- + szSitusAddress [Residential address]
- + szSitusCity
- + sHouseNum
- + sUnitAbbr
- + sUnitNum
- + szStreetName
- + sPreDir
- + sPostDir
- + szMailAddress1-4 [Mailing address, across four fields]
- + szMailZip
- + szPhone
- + szEmailAddress
- + dtBirthDate
- + sBirthPlace
- + dtRegDate [Registration date]
- + dtOrigRegDate [Original registration date]

- + dtLastUpdate_dt
- + sStatusCode [Registration status; 'A' = Active]
- + szStatusReasonDesc [Text describing the voter's current state]
- + sUserCode1 [County-defined code]
- + sUserCode2 [County-defined code]
- + iDuplicateIDFlag [Marks voters sharing a name and birth date; rare]
- + szLanguageName
- + szPartyName [Party the voter registered with]
- + szAVStatusAbbr [Vote-by-mail program status, abbreviated]
- + szAVStatusDesc [Vote-by-mail program status, full text]
- + szPrecinctName
- + sPrecinctID
- + sPrecinctPortion
- + sDistrictID_0-5 [Six district fields]
- + iSubDistrict_0-5
- + szDistrictName_0-5

Voter History

- + lVoterUniqueID
- + sElecTypeDesc [Election type]
- + sElectionAbbr [Abbreviated election identifier]
- + szElectionDesc [Full legal name of the election]
- + dtElectionDate [MM/DD/YYYY]
- + sVotingPrecinct
- + szVotingMethod
- + sPartyAbbr
- + szPartyName
- + iCountedFlag [Whether the ballot was counted]

Notes for use

- + Access requires an application submitted in person or by mail.

Santa Clara County

Santa Clara County elections are administered by the Registrar of Voters (ROV), which conducts elections under the Voter's Choice Act (vote centers rather than precinct polling places). The ROV publishes precinct- and district-level canvasses, summary results, registration and turnout reports, and precinct boundary data across its own website and the county open data portal, and reports live results through a third-party election night platform. Santa Clara posts its full precinct-level Statement of Vote as a free Excel download for every recent election, so the most detailed county results do not have to be purchased or scraped.

Statement of Vote

Description

The Statement of Vote is the county's precinct-level canvass of every contest. Since the November 2022 general it ships as two Excel workbooks per election, a Precinct canvass and a District canvass, each with one worksheet per contest and a Document map index sheet. Every precinct (or, in the District workbook, every geography) is reported three times: in-person, vote-by-mail, and total, alongside registered voters, ballots cast, and turnout. Excel canvasses run back to 2010; the decade archive pages carry Summary Results and PDF or Excel Statements of Vote to the 1950s. Each election also posts Summary Results, Write-In Results, and a Precinct Consolidations list.

Dedicated Webpage

Past election results, 2020 to present: <https://vote.santaclaracounty.gov/elections/past-election-information-and-results>

Older elections are on decade archive pages linked from the top of that page (2010-2019, 2000-2009, and back to 1950-1959).

Variables

Precinct and District Canvass (November 2022 to present)

One worksheet per contest, plus a Document map sheet linking them. Each contest sheet carries, per precinct (or per geography in the District workbook):

- + Geographic unit [Precinct number in the Precinct Canvass; district or jurisdiction name in the District Canvass]
- + Voting Method [In-Person, Mail Voting, and Total; labeled Precinct, Vote by Mail, and Total before 2024]
- + Registered Voters
- + Voters Cast [Votes cast, not a typo as it appears across years]
- + Turnout (%)
- + one column per candidate, headed party then name [e.g. DEM - Katie Porter, REP - Steve Hilton]

Notes for use

- + There are two incompatible layouts: the pre-2020 Crystal Reports .xls (four sheets per contest, candidate columns unprefixed) and the 2022-on canvass .xlsx (one sheet per contest, candidate columns prefixed with a party). The 2020-2021 elections are a mix of the two.
- + A few elections post only a PDF Statement of Vote, with no spreadsheet, including the September 2021 gubernatorial recall.
- + The November 7, 2017 "Statement of Vote" link points to a file on stanvote.com, Stanislaus County's site, due to the election having a shared jurisdiction.

Election Night Reporting

Description

Live and official results are reported on a Clarity/ScytI platform, linked from the county site as "View Official Election Results" and "Summary Results." Each election offers a

countywide summary and a precinct-level detail export in .csv, .xml, and fixed-width text. Clarity results are linked back to 2010.

Dedicated Webpage

Current results are linked from <https://vote.santaclaracounty.gov/view-election-results>.

Each election's results site follows the pattern

https://results.enr.clarityelections.com/CA/Santa_Clara/{id}/web.{ver}#/summary; for

example, the June 2, 2026 primary is at

https://results.enr.clarityelections.com/CA/Santa_Clara/126487/web.345435#/summary.

The same per-election links appear beside each election on the past-results page.

Variables

summary.csv

- + line number [row number minus 1]
- + contest name
- + choice name
- + party name
- + total votes
- + percent of votes
- + registered voters
- + ballots cast
- + num Precinct total [precincts in the contest]
- + num Precinct rptg [precincts reporting]
- + over votes
- + under votes

detail.xml

A header block (ElectionName, ElectionDate, Region) and a VoterTurnout element [totalVoters, ballotsCast, voterTurnout] holding one Precinct node each [name,

totalVoters, ballotsCast, voterTurnout, percentReporting], followed by one Contest per race:

- + Contest [key, text, voteFor, isQuestion, precinctsReporting, precinctsReported]
- + Choice [key, text, party, totalVotes]
- + VoteType [In Person, Vote By Mail, Overvotes, Undervotes], each holding a per-precinct breakdown of Precinct [name, votes]

Notes for use

- + The detail export gives per-precinct, per-choice votes split into In Person and Vote By Mail, with contest-level overvotes and undervotes. The .xml is the structured form; detail.txt is a fixed-width printout that is harder to parse, and an Excel detail is not always present.
- + The report endpoints are undocumented and the version token changes between postings, so it must be read from current_ver.txt rather than hard-coded.

Voter Data for Purchase (Voter Registration and Vote-by-Mail Ballot Data)

Description

Individual-level voter registration, vote history, and vote-by-mail ballot data are sold by application for election, scholarly, journalistic, political, or governmental use; commercial use is prohibited by law, and driver's license numbers, Social Security numbers, and signatures are withheld. The file layouts are published even though the data is not. Registration and history are ordered through the Voter Registration and Candidate Services divisions; vote-by-mail ballot data through the Vote by Mail and Candidate Services divisions.

Dedicated Webpage

Voter registration data: <https://vote.santaclaracounty.gov/confidential-voter-registration-data>

Vote-by-mail ballot data: <https://vote.santaclaracounty.gov/vote-mail-ballot-data>

Variables

Voter registration file (layout revised August 2017)

- + lVoterUniqueID [County voter ID]
- + sAffNumber [Affidavit of registration number]
- + szStateVoterID [State voter ID]
- + sVoterTitle [Mr., Mrs., etc.]
- + szNameLast
- + szNameFirst
- + szNameMiddle
- + sNameSuffix
- + sGender
- + szSitusAddress [Residence address]
- + szSitusCity
- + sSitusState
- + sSitusZip
- + sHouseNum
- + sUnitAbbr
- + sUnitNum
- + szStreetName
- + sStreetSuffix
- + sPreDir [Street pre-direction]
- + sPostDir [Street post-direction]
- + szMailAddress1--4 [Mailing address, across four fields]
- + szMailZip

- + szPhone
- + szEmailAddress
- + dtBirthDate
- + sBirthPlace
- + dtRegDate [Registration date]
- + dtOrigRegDate [Original registration date]
- + dtLastUpdate_dt [Date of last update]
- + sStatusCode [Registration status; Active or Canceled]
- + szStatusReasonDesc [Status reason]
- + sUserCode1, sUserCode2 [County-defined codes]
- + iDuplicateIDFlag [Marks voters sharing identity keys]
- + szLanguageName
- + szPartyName [Party]
- + szAVStatusAbbr [Vote-by-mail status, abbreviated]
- + szAVStatusDesc [Vote-by-mail status, full text]
- + szPrecinctName
- + sPrecinctID [Precinct number]
- + sPrecinctPortion
- + sDistrictID_0--5, iSubDistrict_0--5, szDistrictName_0--5 [Six district fields: ID, subdistrict, and name each]

Vote-by-Mail Ballot Data

- + lVoterUniqueID [County voter ID]
- + sAffNumber [Affidavit number]
- + szNameLast
- + szNameFirst
- + szNameMiddle
- + sNameSuffix
- + sVoterTitle
- + szMailAddress1--4 [Mailing address, across four fields]
- + szPhone

- + szLanguageName
- + sBalType [Ballot style sent to the voter]
- + sPartyAbbr [Party]
- + dtAppDate [Date the ballot was requested]
- + dtBallotIssueDate [Date the ballot was issued]
- + dtReturnDate [Date the ballot was returned]
- + sReturnMethodAbbr [How the ballot was returned]
- + sAbsenteePrecinctID
- + sVotingPrecinctID
- + sRegPrecinctID [Regular precinct number]
- + sRegPrecinctPortion
- + szAVStatusAbbr [Vote-by-mail indicator]
- + szAVStatusDesc [Vote-by-mail indicator, full text]
- + district fields for Congressional, Senate, Assembly, Supervisorial, and City, each as sDistrictID_, iSubDistrict_, and szDistrictName_

Notes for use

- + Each order requires a wet-signature application submitted in person or by mail with the fee.
- + All three files are tab-delimited text with a header row. Vote history for five or fewer election dates rides in the registration file; full history comes as a separate file, joined on lVoterUniqueID.
- + The registration layout is dated August 2017.