

Wisconsin Election Data Guide

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Wisconsin has the most decentralized election administration in the country: elections are conducted by roughly 1,850 municipal clerks, canvassed by 72 county clerks, and certified by the Wisconsin Elections Commission (WEC), which also maintains the statewide voter registration system, WisVote. The WEC publishes certified election results, registration counts, absentee ballot counts, and per-election participation statistics at elections.wi.gov. There is no statewide election-night reporting system: each county clerk posts unofficial election-night results (the WEC maintains a [list of county election websites](#)). The WEC posts results only after the canvass is certified. Because results below the state canvass, cast vote records, and voting-mode breakdowns exist only at the county and municipal level, the three largest counties—Milwaukee, Dane, and Waukesha—are covered in their own sections.

The datasets available through the Wisconsin Election Commission website and Milwaukee, Dane, and Waukesha county sites described in this guide are as follows:

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Statewide

Election Results

Description

Certified canvass results for federal, state, and statewide judicial contests and referenda, posted a few weeks after each election once the canvass is certified. Each election gets a set of files: a Ward by Ward Report (xlsx) at the reporting-unit level,¹ County by County Reports (xlsx for some elections, one PDF per office for others), a Summary Results PDF of statewide totals, and signed canvass statements. Elections from the 2016 spring primary through the present are on the WEC site. Older certified canvasses (2000–2015) are archived at the Wisconsin Historical Society's electronic records portal ([Series 3243](#), "State canvasses") as a mix of Excel 97–2003 workbooks (.xls) and PDFs. The state does not publish local office results; municipal and county clerks hold them (see the Dane County section for the largest county-run archive of local results).

Dedicated webpages

Recent elections: <https://elections.wi.gov/elections/election-results>.

Example Ward by Ward Report for the 2024 general: [Ward by Ward Report November 5 2024 General Election Federal and State Contests.xlsx](#).

Full archive back to 2016: <https://elections.wi.gov/node/3956>.

The 2000–2015 archive: [Wisconsin Historical Society, State canvasses](#).

Variables

For elections from 2016 onward, the Ward by Ward Report is a rendered canvass report. The first sheet, "Document map," lists every contest in the workbook; each contest is its

¹ The unit at which municipalities report results: a single ward in most cities but often several wards combined and counted together, e.g. "Town of Adams Wards 1-3."

own sheet (198 sheets for the 2024 general election). Within a contest sheet, data rows begin after seven header rows and include:

- + County [column A; named only on the first row of each county's block]
- + Reporting unit [column B, e.g. "Town of ADAMS Wards 1-3"]
- + Total Votes Cast
- + One column per candidate, headed by a party code row [DEM (Democratic), REP (Republican), CON (Constitution), LIB (Libertarian), WGR (Wisconsin Green), IND (Independent), NP (no party; used for write-ins)] and a candidate name row
- + SCATTERING [unitemized write-in votes]

County-by-county reports include the same columns, with counties as rows.

Notes for use

- + Reporting units are wards or, commonly outside the large cities, combinations of wards ("Wards 1-3"), and combinations may change between elections.
- + File URLs do not follow a consistent pattern. Names drift from election to election ("Ward by Ward Report_November 5 2024...", "April 1 2025 Spring Election_Ward by Ward..."), and some include _0/_1 suffixes. Each election's entry on the results page expands to reveal its file links, from which download URLs can be extracted.
- + Automated requests to elections.wi.gov are blocked and return a 403 error, but the data files themselves download normally with an ordinary tool as long as it identifies itself as a web browser.
- + The file formats vary by election. Earlier elections post one file per office, generally as both xlsx and PDF (the 2016 general and 2021 spring elections, for example); the 2024 general election has one ward-by-ward xlsx covering all federal and state contests plus per-office county PDFs; the 2025 and 2026 spring elections have county-by-county xlsx files.
- + The 2020 general election page carries pre-recount, under-recount, and post-recount versions of the presidential reports; the certified numbers are the post-recount files.

- + Write-in candidates appear as named NP columns only if they filed; everything else is SCATTERING.

Ward-Level Election Data with GIS Boundaries (LTSB)

Description

The [Legislative Technology Services Bureau](#) (LTSB), the legislature's mapping office, publishes election results attached to individual ward boundaries, along with each ward's population. The files come as shapefile, CSV, KML, or GeoJSON. Results cover 1990 through 2024 in five sets, each matched to the ward map from a specific date: 2024 results use the January 2025 ward map; 2022 results use the July 2022 map; and the 2012–2020, 2002–2010, and 1990–2000 sets use the July 2020 map (the 2002–2010 and 1990–2000 sets also come in versions on the 2011 map). LTSB also publishes the ward maps themselves, collected from municipalities every January and July, and boundary files for assembly, senate, and congressional districts as drawn after each redistricting.

Dedicated webpage

Election data index: <https://gis-ltsb.hub.arcgis.com/pages/election-data>.

All downloads: <https://gis-ltsb.hub.arcgis.com/pages/download-data>.

Example REST endpoint for 2024:

[https://services1.arcgis.com/FDsAtKBk8Hy4cAH0/arcgis/rest/services/2024 Election Data with 2025 Wards/FeatureServer](https://services1.arcgis.com/FDsAtKBk8Hy4cAH0/arcgis/rest/services/2024_Election_Data_with_2025_Wards/FeatureServer).

Variables

The 2024 layer (November 2024 Election Data with Jan 2025 Wards) carries 58 fields:

- + OBJECTID
- + GEOID [full 14-digit ward FIPS code; identical to WARD_FIPS]
- + CNTY_FIPS [county FIPS]
- + CNTY_NAME
- + COUSUBFP [county subdivision FIPS]
- + MCD_FIPS [minor civil division FIPS]

- + MCD_NAME [municipality name]
- + CTV [city, town, or village]
- + WARD_FIPS [full 14-digit ward FIPS: state + county + minor civil division + ward number; the same value as GEOID]
- + WARDID [ward number within the municipality, e.g. 0001]
- + SUPERID [county supervisory district number]
- + SUPER_FIPS [county supervisory district FIPS: state + county + supervisory district number]
- + ALDERID [aldermanic district; 00 where the municipality has none]
- + ALDER_FIPS [aldermanic district FIPS: state + county + subdivision + aldermanic district number]
- + LABEL [municipality plus ward, e.g. "Bayside - V 0001"]
- + PERSONS [total population]
- + PERSONS18 [voting-age population]
- + Shape__Area
- + Shape__Length

The remaining columns hold the vote counts, one per candidate group, named {office}{party}{yy}: an office code, a party code, and a two-digit year. Office codes:

- + PRE [president]
- + USS [U.S. Senate]
- + USH [U.S. House]
- + WSS [state senate]
- + WSA [state assembly]

Party codes:

- + TOT [total votes cast in the contest]
- + DEM [Democratic]
- + REP [Republican]
- + CON [Constitution]
- + LIB [Libertarian]
- + IND [Independent]

- + WGR [Wisconsin Green]
- + NP1–NP8 [no-party candidates, numbered]
- + SCT [scattering]

For example, PREDEM24 is the Democratic presidential vote in 2024, and USSTOT24 is the total votes in the 2024 U.S. Senate race.

The multi-election sets follow the same convention with more offices (GOV [governor], WAG [attorney general], SOS [secretary of state], TRS [treasurer], CDA [county district attorney]), add census race counts (WHITE, BLACK, HISPANIC, ASIAN, AMINDIAN, PISLAND, OTHER, OTHERMLT), and add district-assignment columns holding the district each ward falls in: ASM [state assembly district number], SEN [state senate district number], CON [U.S. congressional district number].

Notes for use

- + The WEC canvass reports combined-ward reporting units, and LTSB allocates those totals down to individual wards. Ward-level values in multi-ward reporting units are estimates, not exact counts.
- + The same election can be published on two different ward maps, and ward identifiers do not persist across map versions. Check which map version a layer uses before joining across years.

Voter Registration Statistics

Description

Snapshots of active registered voter counts from WisVote, posted since January 1, 2016, monthly in recent years and irregularly before mid-2018. Each snapshot includes seven xlsx files: counts by county, municipality, ward, assembly district, senate district, congressional district, and age group. Statewide registration data before the 2008 presidential election do not exist; WisVote's predecessor came online in 2006, and

municipalities under 5,000 population were not required to maintain registration lists before then.

Dedicated webpage

<https://elections.wi.gov/statistics-data/voter-registration-statistics>.

Each snapshot is a page like [August 1, 2026 Voter Registration Statistics](#) with the seven files attached.

Variables

VoterCountsByCounty.xlsx:

- + CountyCode [1-72, alphabetical]
- + County
- + VoterCount

VoterCountsByMuni.xlsx:

- + County
- + HINDI [numeric municipality identifier: county code $\times$ 1000 plus municipality code; used across WEC files]
- + Muni
- + VoterCount

VoterCountsByWard.xlsx:

- + County
- + Muni
- + HINDI [numeric municipality identifier]
- + ward [e.g. "Town of Adams - Ward 1"]
- + WardCode [e.g. "WD-001"]
- + VoterCount

VoterCountsByAssembly.xlsx, VoterCountsBySenate.xlsx, and

VoterCountsByCongressional.xlsx:

- + DistrictCode [e.g. "AS-01", "SS-01", "CG-01"]
- + AssemblyDistrict / Senate District / CongressionalDistrict

- + VoterCount

VoterCountsByAgeGroup.xlsx:

- + AgeGroup [18-24, 25-34, 35-49, 50-64, 65+]
- + VoterCount

Notes for use

- + Counts are active registrants only. Wisconsin does not provide party affiliation, race, or gender data for registrants, only age.
- + The age group file likely understates some totals; registrants carried over from before the statewide system launched in 2005 can lack a date of birth.
- + Municipalities that span counties appear once per county in the ward file but under a single HINDI (numeric municipality identifier), labeled "- MULTIPLE COUNTIES".

Absentee Ballot Reports

Description

Daily counts of absentee ballots during the roughly seven weeks before each statewide election, generated from WisVote at 7:30 a.m. and posted as two CSVs per day, one by county and one by municipality. Reports exist for every statewide election since 2018, plus the November 2016 general election; none exist for 2017. Starting with the 2026 elections, each election's page also carries a cumulative long-format CSV (every municipality × every report date) and a ZIP of all daily files. After the election a final report is posted under the name "Final Absentee Ballot Report".

Dedicated webpage

<https://elections.wi.gov/statistics-data/absentee-statistics>. Each election is a page like [Absentee Ballot Report - August 11, 2026 Partisan Primary](#) with the CSVs attached.

Variables

The daily county and municipality files share one layout; the cumulative long file adds a date:

- + Election [e.g., "2026 Partisan Primary"]
- + HINDI [two-digit county code in the county file; municipality identifier in the municipality file]
- + Jurisdiction
- + AbsenteeApplications [count of absentee ballot applications received]
- + BallotsSent [count of absentee ballots the clerk has marked as sent to voters]
- + BallotsReturned [all absentee returns: mail, drop box, and in-person absentee]
- + InPersonAbsentee [subset of BallotsReturned cast during in-person absentee voting]
- + Date [cumulative long file only]

Notes for use

- + InPersonAbsentee is contained in BallotsReturned. Summing the two will double-count early in-person votes.
- + Counts reflect clerk data entry – more than 1,000 of the 1,850 municipal clerks have no direct WisVote access and rely on their county or a neighboring clerk for entry, so daily figures lag, and the series is not smooth.
- + The column layout is consistent back to 2020. Older elections are individual daily CSVs only, with inconsistent filenames, under the /legacy/ path.

Election Voting and Registration Statistics Reports

Description

Administrative statistics reported by each municipality into WisVote, formerly the EL-190 form (or GAB-190 before 2016), published for every statewide election since the 2016 spring primary. One xlsx per election at the reporting-unit level: registration counts by type, ballots cast by tabulation method, provisional ballots by reason and disposition,

and absentee ballots (in-person, mail, military, overseas, and Federal Write-In Absentee Ballot) by status. Municipalities have 45 days after a general election and 30 days after other elections to finish entry, and the WEC reposts the file monthly as reports are completed, along with monthly Election Day Registration (EDR) postcard reports tracking verification mailings sent to Election Day registrants.

Dedicated webpage

<https://elections.wi.gov/statistics-data/voting-statistics>.

Each election is a page, like [2024 General Election Voting and Registration Statistics Report](#), listing every monthly posting of the statistics report and the EDR postcard report.

Variables

Statistics report, first sheet (a second sheet, "Munis with Pending Reports", lists municipalities that have not finished entry). The variables as of the June 2, 2025 posting of the 2024 general election report are:

- + County
- + Municipality
- + Reporting Unit [e.g. "Wards 1-3"]
- + Polling Place Name
- + Open Registrants [registered by the close of open registration]
- + Late Registrants [registered in-person at the clerk's office after the mail/online deadline]
- + Election Day Registrants
- + Total Voters
- + Total Ballots
- + Paper Ballots Hand Count
- + Optical Scan Ballots
- + DRE Touch Screen [direct-recording electronic]
- + Provisional Ballots No Photo ID

- + Provisional Ballots No DL Number [no driver license number]
- + Provisional Ballots No POR [no proof of residence]
- + Provisional Ballots Counted
- + Provisional Ballots Rejected
- + In Person Absentees Issued
- + In Person Absentees Cancelled
- + In Person Absentees Counted
- + In Person Absentees Rejected
- + Non UOCAVA Absentees Transmitted Issued [UOCAVA: Uniformed and Overseas Citizens Absentee Voting Act]
- + Non UOCAVA Absentees Transmitted Not Returned
- + Non UOCAVA Absentees Transmitted Undeliverable
- + Non UOCAVA Absentees Transmitted Cancelled Ineligible
- + Non UOCAVA Absentees Transmitted Cancelled By Voter
- + Non UOCAVA Absentees Transmitted Returned By Election Day
- + Non UOCAVA Absentees Transmitted Counted
- + Non UOCAVA Absentees Transmitted Rejected
- + Non UOCAVA Absentees Transmitted Returned After Election Day
- + FWAB Returned By Election Day [Federal Write-In Absentee Ballot]
- + FWAB Counted
- + FWAB Rejected
- + FWAB Returned After Election Day
- + FWAB Cancelled
- + Military Absentees Transmitted Issued [**military – this misspelling is present going at least back to 2018**]
- + Military Absentees Transmitted Not Returned
- + Military Absentees Transmitted Undeliverable
- + Military Absentees Transmitted Cancelled Ineligible
- + Military Absentees Transmitted Cancelled By Voter
- + Military Absentees Transmitted Returned By Election Day

- + Military Absentees Transmitted Counted
- + Military Absentees Transmitted Rejected
- + Military Absentees Transmitted Returned After Election Day
- + Temporarily Overseas Absentees Transmitted Issued
- + Temporarily Overseas Absentees Transmitted Not Returned
- + Temporarily Overseas Absentees Transmitted Undeliverable
- + Temporarily Overseas Absentees Transmitted Cancelled Ineligible
- + Temporarily Overseas Absentees Transmitted Cancelled By Voter
- + Temporarily Overseas Absentees Transmitted Returned By Election Day
- + Temporarily Overseas Absentees Transmitted Counted
- + Temporarily Overseas Absentees Transmitted Rejected
- + Temporarily Overseas Absentees Transmitted Returned After Election Day
- + Permanent Overseas Absentees Transmitted Issued
- + Permanent Overseas Absentees Transmitted Not Returned
- + Permanent Overseas Absentees Transmitted Undeliverable
- + Permanent Overseas Absentees Transmitted Cancelled Ineligible
- + Permanent Overseas Absentees Transmitted Cancelled By Voter
- + Permanent Overseas Absentees Transmitted Returned By Election Day
- + Permanent Overseas Absentees Transmitted Counted
- + Permanent Overseas Absentees Transmitted Rejected
- + Permanent Overseas Absentees Transmitted Returned After Election Day

EDR postcard report contains, at the municipality level:

- + County
- + Municipality
- + EDRs [Election Day Registrations]
- + Undeliverables [verification postcards returned undeliverable]
- + Inactivated [registrations deactivated after an undeliverable postcard]
- + DA Referral [referred to the district attorney]

Notes for use

- + Variables for military absentee ballots have had their column names misspelled as “Millilary” since at least 2016.
- + The data are entered by 1,850 municipal clerks and are not edited by the WEC. Check the pending-reports sheet before treating a posting as complete, and prefer the latest posting for an election; each page keeps every monthly version.
- + Statewide participation data begin in September 2006. The February and April 2006 data cover only the 21 counties then using the statewide system. See the WEC's [Statement on Data Availability and Data Quality](#).

Voter Turnout

Description

Two statewide time-series workbooks. "Voter Turnout Partisan-NonPartisan" includes general election, partisan primary, and presidential primary turnout from 1948 through 2024 on one sheet and spring (nonpartisan) election turnout from 2000 through 2025 on a second. "General Election Voter Registration and Absentee Statistics 1984-2024" includes per-general-election counts of voters, absentee electors, late registrations, and Election Day registrations. Both are statewide totals only.

Dedicated webpage

<https://elections.wi.gov/statistics-data/voter-turnout>

Variables

WI Partisan Turnout sheet:

- + Year
- + Voting Age Population
- + General Elections Voters
- + General Election Turnout
- + Partisan Primary Voters

- + Partisan Primary Turnout
- + Presidential Primary Voters
- + Presidential Primary Turnout

WI Nonpartisan Turnout sheet:

- + Year
- + Voting Age Population
- + Spring Election Votes
- + Spring Election Turnout
- + Statewide Elections or Referendum

General Election Voter Registration and Absentee Statistics:

- + Election Date
- + Voters
- + Turnout
- + Absentee Electors
- + Percent of Votes Absentee
- + Late Registrations
- + Percent of Voters Registering Late
- + Election Day Registrations
- + Percent of Voters Registering on ElectionDay

Notes for use

- + Turnout is computed against the voting-age population estimated by the Wisconsin Department of Administration's Demographic Services Center, not against registered voters; Wisconsin does not use registration-based turnout because of Election Day registration.
- + Percentage cells hold live Excel formulas, some referencing other sheets. Read the files with computed values (or recompute from the count columns) rather than raw cell contents.

Voter Records and Absentee Data (Badger Voters)

Description

Extracts of individual-level voter registration and absentee records from WisVote, sold through the WEC's Badger Voters request site. Voter records include the voter's name, address, contact information, districts, registration status, and participation history, with one column per election and voting mode, back to September 2006. Absentee records include the application and ballot status for a chosen election, and can be purchased as a subscription that delivers updates through an election period. Requests are built by geography or district, prices are quoted automatically, and delivered as CSV (zipped when large). The statutory fee is \$25 plus \$5 per 1,000 records, with a minimum of \$30 and a cap of \$12,500 for 2.5 million or more records. There is no academic, press, or candidate discount. Field layout documents and synthetic example files are public on the site's FAQ.

Dedicated webpage

<https://badgervoters.wi.gov/>

Layouts and example files: <https://badgervoters.wi.gov/faq> under "What data is available?"

Fee schedule: <https://elections.wi.gov/statistics-data/public-records-requests>.

Variables

Voter record extract, per the example file posted on the FAQ:

- + Voter Reg Number [the voter's registration number, encrypted per customer order, so it is not a stable public ID across requests]
- + LastName
- + FirstName
- + MiddleName
- + Suffix
- + PhoneNumber

- + EmailAddress
- + Address1
- + Address2
- + MailingAddress1
- + MailingAddress2
- + MailingCityStateZip
- + HouseNumber
- + StreetName
- + UnitType
- + UnitNumber
- + ZipCode
- + Jurisdiction
- + DistrictCombo [concatenated municipality-ward-district code]
- + Ward
- + Congressional
- + State Senate
- + State Assembly
- + Court of Appeals
- + Multi-Jurisdictional Judge
- + County
- + County Supervisory
- + Municipality
- + Aldermanic
- + School
- + High School
- + Sanitary
- + Technical College
- + Representational School
- + State
- + District Attorney

- + Circuit Court
- + First Class School
- + Incorporation
- + Voter Status
- + Voter Status Reason
- + RegistrationDate
- + ApplicationSource
- + IsPermanentAbsentee
- + Voter Type
- + One column per election, newest first, headed by month and year [e.g. "Nov-20"], holding the participation mode: At Polls, Absentee, or blank

Absentee record extract, per the example file posted on the FAQ:

- + Voter Reg Number
- + LastName
- + FirstName
- + MiddleName
- + Suffix
- + Voter Status [Active, Inactive, or Cancelled]
- + Voter Status Reason
- + Voter Type [Regular, Military, Permanently Overseas, or President Only]
- + Address1
- + Address2
- + HouseNumber
- + StreetName
- + UnitType
- + UnitNumber
- + ZipCode
- + Mailing Address1
- + Mailing Address2
- + Mailing CityStateZip

- + Phone Number
- + Email Address
- + Jurisdiction
- + County
- + Abs Application Date [the date written on the application form]
- + Application Source
- + Application Type
- + Absentee Address Name [address the ballot was sent to]
- + Election Name
- + Ballot Reason Type [one of: Returned, Not Returned (Online), Returned to be Rejected, Returned to be Challenged, Voter Refused, Returned-Late, Superseding Ballot Returned, Undeliverable, Cancelled, Administrative Action, Ballot Not Received, Voter Spoiled, Voter Request, Ballot Returned After Deadline, Voter Moved, Rejected at Polls/MBOC, Ineligible, Ballot Not Returned by Deadline, or Superseding Ballot Rejected]
- + Ballot Type [Official, Federal Only, Presidential Only, Federal Absentee Write-in, or Presidential Preference]
- + Ballot Status [Active or Inactive]
- + District Combo [concatenated municipality-ward-district code]
- + WARD NAME
- + Ballot Status Reason [same values as Ballot Reason Type]
- + Ballot Delivery Method [Voted in Person, Email, Mail, Online, Fax, Special Voting Deputy, or Appointed Agent]
- + Date Ballot Sent
- + Date Ballot Returned

Notes for use

- + Date of birth (or age), driver's license or Social Security numbers, confidential electors, party affiliation, demographics, and vote choice are not included.

- + Requests populate from current ward and district assignments. Pulling a district's voters as the boundaries stood at a past election requires a paid custom request (\$75 per half hour of development time).
- + Wisconsin places no restrictions on use of the data, including commercial use.
- + Purchased files stay downloadable for six months, then are archived.
- + Absentee subscriptions expire 365 days after purchase; updates cost \$5 per 1,000 new records.

Four-Year Voter Record Maintenance Statistics

Description

Outcomes of the statutory list maintenance the WEC performs in June after each general election: every registrant who has not voted in the preceding four years is mailed a continuation notice and deactivated unless they respond within 30 days. Statistics are posted for 2019, 2021, 2023, and 2025 as one xlsx with statewide, county, and municipality sheets, alongside the WEC's memo to the governor and legislature.

Dedicated webpage

<https://elections.wi.gov/statistics-data/voter-list-maintenance>.

Example: [2025 Four-Year Voter Record Maintenance Statistics](#).

Variables

The 2025 file's County sheet (the State sheet carries the same measures with spaced names, e.g. "Total Notices Mailed"; the Muni sheet adds HINDI):

- + CountyName [MuniName on the Muni sheet]
- + Total [notices mailed]
- + RequestedContinuation [voters who returned the notice asking to stay registered]
- + Undeliverable
- + RequestedDeactivation [voters who asked to be removed]
- + Deceased

- + DeactivatedforOtherReason
- + DuplicatesMerged [duplicate registrations for the same voter found and merged during the process]
- + NoResponse [no reply within the 30-day window]
- + TotalDeactivated

Notes for use

- + This covers only the four-year non-voter mailing. Routine maintenance based on Electronic Registration Information Center (ERIC) movers and deceased matching reports is described on the same page but has no comparable published statistics.

Milwaukee County

The Milwaukee County Election Commission publishes results and, unusually, cast vote records at county.milwaukee.gov. The City of Milwaukee Election Commission, the state's largest municipality and a separate authority, publishes ward results split by voting mode at city.milwaukee.gov; its datasets are covered here alongside the county's. Both sites block automated traffic through Cloudflare: pages and file downloads load only in a real web browser, so bulk data collection means driving a browser rather than a download script.

Cast Vote Records

Description

Ballot-level cast vote records (CVRs) for the November 2024 general election (five xlsx files, 29–80 MB each), the February 2025 spring primary (one file), and the April 2025 spring election (four files), posted on the county's results pages. Each row is one ballot; each contest is a column showing the recorded choice.

Dedicated webpage

Results index: <https://county.milwaukee.gov/EN/County-Clerk/Election-Commission/Election-Results>.

Each election's page links to its CVR files; the 2024 general election files are named "2024-General-Election---VCR-all-contests-and-candidates---1-of-5.xlsx" through "5-of-5".

Variables

From the 2024 general election files:

- + Cast Vote Record [ballot record identifier]
- + Precinct [ward name, e.g. "City of Franklin Ward 2"]
- + Ballot Style [the ballot layout assigned to the voter, i.e., which set of contests applied to their address]
- + One column per contest on any ballot in the county [e.g. "President / Vice President", "United States Senator", "Representative in Congress, District 4", seventeen assembly district columns, county offices, school board, referenda], holding the recorded choice as a party-prefixed candidate string ["REP Donald J. Trump / JD Vance"], "Yes"/"No", "undervote", or blank where the contest was not on the ballot

Notes for use

- + The 2024 files are labeled "VCR" rather than CVR in the filenames.
- + The files are large, e.g. the 2024 part 1 worksheet XML is roughly 200 MB uncompressed and carries about 9,200 embedded images.
- + Coverage starts with the 2024 general election; no earlier CVRs are posted.

Ward-by-Ward Election Night Results

Description

Unofficial election night reports at the ward level for elections from 2016 to the present, including per-ward registered voters, ballots cast, turnout, and votes per candidate, including write-ins, figures the WEC's certified files do not include at election night timing. Elections through 2023 are Election Systems & Software (ES&S) fixed-width text exports; from 2024, the county's Dominion system produces PDF canvass reports (the August 2024 primary runs 360 pages).

Dedicated webpage

Results index: <https://county.milwaukee.gov/EN/County-Clerk/Election-Commission/Election-Results>. Each election's page links its ward-by-ward file (e.g., the 2016 general election export is "wardbywardEL30Copy-1.txt").

Variables

Per ward:

- + REGISTERED VOTERS - TOTAL
- + BALLOTS CAST - TOTAL
- + BALLOTS CAST - BLANK
- + VOTER TURNOUT - TOTAL
- + Votes per candidate within each contest, including WRITE-IN

Notes for use

- + The text files begin with a stray printer control code (a Printer Command Language header) and are fixed-width, not delimited.
- + Filenames are unreliable. The April 2025 ward-by-ward results file is named "2025-Spring-Election-Ward-by-Ward-Zero-Report.pdf" but contains the real results, and one 2022 summary link points to a file named ZEROREPORT.HTM.

- + These are election night figures – reconcile against the county canvass report and the WEC certified files before treating them as final.

County Canvass Reports

Description

Official canvass certification PDFs for each election from 2016 to the present with per contest the election night totals, the adjustments made during the county canvass (provisional ballots, municipal board of canvassers changes, write-ins), and the certified totals, plus a ward-level grid of adjustment counts.

Dedicated webpage

Linked per election from the results index as "County Canvass" entries on each election's page: <https://county.milwaukee.gov/EN/County-Clerk/Election-Commission/Election-Results>

Variables

Per contest

- + Election Night totals, Adjustments, and certified Totals columns

Per ward

- + Counts of adjusted ballots. PDF tables only; no machine-readable version is posted.

Notes for use

- + The canvass adjustments (provisional ballots added, municipal board of canvassers corrections, and write-ins) account for most small gaps between the county's election night files and the WEC certified totals; check them before assuming an error.

City of Milwaukee Ward Results by Voting Mode

Description

Ward-level results from the City of Milwaukee Election Commission with votes broken out by voting mode (WEC data are not broken down by mode). Because the city counts absentee ballots at a central count facility, no other published source breaks the vote down by mode.

Data come in two forms: archived ward-by-ward PDFs for elections from 2018 through 2026 reporting each candidate's votes as Total, Election Day, Absentee, and Provisional; and, for the April 2026 spring election, a machine-readable CSV of ward × voter type (Polls or ABS) with registered voters and ballots cast, published with a Power BI dashboard.

Dedicated webpage

Recent election results:

<https://city.milwaukee.gov/election/ElectionInformation/RecentElectionResults>

Archive of ward-by-ward PDFs back to 2018:

<https://city.milwaukee.gov/election/ElectionInformation/MilwaukeeElectionResults/Archive-Election-Results>

Variables

The 2026 CSV (contest names sit in a super-header row above the candidate columns):

- + WARD
- + VOTER TYPE [Polls or ABS]
- + REGISTERED VOTERS TOTAL
- + BALLOTS CAST TOTAL
- + BALLOTS CAST BLANK
- + One column per candidate

Notes for use

- + The CSV exists only for the April 2026 spring election as of writing; earlier elections are PDF only.
- + Each ward appears twice, once per voter type; sum the pair for ward totals.
- + A 2024 archive filename misspells "Results" as "Reults"; take links from the page rather than constructing them.

Dane County

The Dane County Clerk provides one of the more detailed county results portals in the state at elections.countyofdane.com, and its pages and files serve to any HTTP client.

Ward-Level Election Results Portal

Description

Results for every contest on Dane County ballots, including county, municipal, and school district races not provided in WEC data, for every election from the 2012 general through the present, posted at the reporting-unit level the morning after each election. Each election has a web page per race, a per-race Excel export, and an undocumented but open JSON API that also reports county-level registered voters, total votes cast, and turnout percentage per election.

Dedicated webpage

Election index: <https://elections.countyofdane.com/election-dates>.

Election pages follow the pattern <https://elections.countyofdane.com/Election-Result/{electionId}>.

Per-race Excel exports follow the pattern <https://elections.countyofdane.com/Precinct-ResultExcel/{electionId}/{raceNumber}>.

To access data through the API, follow the pattern

<https://api.danecounty.gov/api/v1/elections/precinctresults/{electionId}/{raceNumber}>,

with companion endpoints `electionresults/{electionId}` [county totals for all races] and `racess/{electionId}` [the race number index].

Variables

API `precinctresults` response: two objects:

- + `ElectionRace` [race-level summary]: `RaceName`, `RaceNumber`, `TotalPrecincts`, `PrecinctsReported`, `PercentOfPrecinctsReported`, and a `Candidates` array, each candidate including `Number`, `Name`, `Votes`, `Percentage`, `PartyCode`, `PartyName`
- + `PrecinctVotes` [one row per candidate per reporting unit]: `RaceNumber`, `RaceName`, `CandidateNumber`, `CandidateName`, `PrecinctNumber`, `PrecinctName`, `TotalVotes`, `PartyCD`, `DistrictName`, `ReferendumFlag`, `Reported`

API `electionresults` response:

- + `ElectionId`
- + `ElectionName`
- + `ElectionDate`
- + `FinalizedDate`
- + `PrecinctsReportedDate`
- + `Races` [county totals per race]
- + `LastPublished`
- + `RegisteredVoters`
- + `TotalVotesCast`
- + `TurnoutPercentage`
- + `HasData`

Notes for use

- + The per-race Excel export opens with a merged title cell (election, date, race, canvass timestamp, percent of precincts reporting) and five blank rows, then a header row of `Precincts` [reporting unit, e.g. "C Fitchburg Wd 12"] followed by one column per candidate labeled "Name (PARTY)". The race numbered 0008 in recent elections, "BALLOTS CAST TOTAL", is turnout by reporting unit.

- + There is no API endpoint listing elections, but election IDs can be scraped from the election-dates page. Race numbers are not stable across elections; pull races/{electionId} first.
- + PrecinctName and CandidateName values include trailing spaces in both the JSON and the Excel exports; trim before joining.
- + Municipal and school district results are unofficial, and the county warns some may be missing; the canvassed record for those contests rests with the municipal or school district clerk.

Ballot Images, Cast Vote Records, and Post-Election Audits

Description

The county's "Election Audit Central" page describes, for each election from the 2024 spring election through the 2025 spring election, downloadable ZIPs of anonymized ballot images by reporting unit, corresponding cast vote records, and the unofficial machine-tabulated election night results. As of August 12, 2026, all ShareFile download links are dead; the page directs questions to county.clerk@danecounty.gov. However, narrative post-election audit report PDFs for 2016 through 2024 on the same page are available for download.

Dedicated webpage

<https://elections.countyofdane.com/Auditing>

Notes for use

- + The page notes that City of Edgerton ballot images are held by Rock County, and that ballot-image audits should be compared against election night results, not the canvass, because canvass totals reflect later adjustments.

Waukesha County

The Waukesha County Clerk publishes an official results archive at waukeshacounty.gov and a live election night portal. Both serve to any HTTP client and do not block automated access.

Official Election Results Archive

Description

Certified county canvass results for every election from 2010 through the present, including the 2011–2012 recall elections. This archive reaches back further than the WEC site, whose machine-readable results start in 2016. Each election typically has a "(View Only)" PDF, the signed board of canvassers summary statement with county totals, and a "(Detail)" spreadsheet (xls through early 2014,xlsx after) at the reporting-unit level. Federal/state and county contests are usually separate files in even years.

Dedicated webpage

<https://www.waukeshacounty.gov/county-clerks-office/election-information/official-election-results/>

Variables

The detail spreadsheets are canvass-system exports without fixed column names: seven metadata rows (contest title, county, election name and date), then a header row of Municipality and Reporting Unit followed by one column per candidate, with named write-ins itemized and a SCATTERING column, ending in a Total row. Sheet arrangement varies by era: one contest per sheet in 2024; contests side by side in column blocks on two sheets ("Federal and State" / "County", or " State Results" / "County Results") in 2010 and 2026.

Notes for use

- + Every detail file's header carries "FOR INTERNAL USE ONLY - not an official canvass report" even though the page publishes them as official results.
- + Several links are mislabeled: the February 2021 "(View only)" and "(Detail)" links are swapped, the April 2024 "(Detail)" link points to an August 2024 county PDF (the April 2024 county detail spreadsheet appears to be missing), and the 2009 year section has no working links at all. Check contents, not labels.
- + The View Only PDFs are scans without a text layer so extraction requires OCR.
- + County-contest sheets mark reporting units where a contest was not on the ballot with "-", and interleaved blank columns are common; drop empty columns before parsing.

Election Night Results Portal

Description

Live unofficial results for the current election only, with per-contest summary tables and a reporting-unit detail toggle. HTML only, no export, and the previous election's data disappears when the next election loads.

Dedicated webpage

<https://electionresults.waukeshacounty.gov/contests.aspx?contest=-1>, with per-contest pages at [contests.aspx?contest={n}](https://electionresults.waukeshacounty.gov/contests.aspx?contest={n}).

Variables

Per contest: a summary table and a reporting-unit table of Reporting Unit, one column per candidate, and write-in.

Notes for use

- + Election night snapshots are not archived anywhere on the county site, only the certified detail spreadsheets persist.