

Oklahoma State Election Board
OK Election Data Warehouse (EDW) File Layout

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The OK Election Data Warehouse is a public access site intended to promote transparency by providing voter and election information with regards to the Oklahoma Open Records Act.

Anyone may request access to the OK Election Data Warehouse. There is no charge, but you must complete and submit a **Request to Download Files** form to obtain a user account. Access is valid for one year, but may be renewed by submitting a new **Request to Download Files** form to the State Election Board. Request forms can be downloaded at <https://oklahoma.gov/elections/candidate-info/voter-list.html>.

ACCESSING INFORMATION

Voter Registration Information **must be imported into user software in order for it to be sorted** according to the user's preferences. **Lists or labels cannot be produced directly from these files.**

Data is written in CSV format and is **refreshed every weeknight**. A download of the data could take anywhere from several seconds up to 10 minutes (or longer), depending on the size of the file and the download speed of the user's internet service provider (ISP).

IMPORTANT: Due to the size and format of the files, printing is not recommended. Computer printouts of local voter registration and voter history information are available as public records for duplication under provisions of the Open Records Act at all County Election Board offices. A directory of County Election Boards can be found at <https://oklahoma.gov/elections/about-us/county-election-boards.html>.

VOTER INFORMATION FILES

Voter information files are organized by the following:

- State
- County
- Congressional District
- State Senate District
- State House District

There are two types of voter information files – **Voter Registration** and **Voter History**.

Voter Registration files include the following for each voter:

- Voter ID number
- Name
- Date of Birth
- Precinct number
- Registration Address
- Mailing Address (if different from registration address)
- Political Affiliation
- Status (“A – Active, “I” – Inactive)
- Municipality
- School District
- Technology Center District
- Election Dates and Method of Voting (last 10 counts of voter history credit only)

Information on each voter may include a registration address and/or a mailing address. Mailing address fields are blank unless the mailing address is different from the registration address. Voters having a rural or physical description of their voting residence (instead of a traditional address) will have this information split among the cells for street number, street name, etc., fields.

Some voter registration records predate certain Voter Registration Application requirements. In those instances, the information fields are left blank.

Voter History files include the following for each voter:

- Voter ID number
- Election Dates and Method of Voting (Effective November 1, 2021, the method of voting will only be available to the public for a regularly scheduled federal or state election OR a statewide special election for a state question. See [26 O.S. § 7-138.](#))

IMPORTANT: The OK Election Data Warehouse does not contain voters’ driver license numbers and Social Security numbers. These are protected under state law and are never released. Phone numbers and email addresses are not part of a voter’s registration record and, therefore, not available to the public through the Oklahoma State Election Board or any County Election Board.

PRECINCT AND POLLING PLACE LIST

Both the **Voter Registration** and **Voter History** folders contain a “precinct” file. The precinct file is a comprehensive list of precinct numbers, polling places, and polling place addresses in Oklahoma.

The list also contains each precinct’s Congressional District, State Senate District, State House District, and County Code.

CUSTOM QUERIES

How to Conduct a Custom Query

The OK Election Data Warehouse allows account users to make custom queries.

To request a custom query, select “custom queries,” then “submit a custom query.” Select the type of data you would like to receive, name the file, and set the parameters for your data request.

You may also add “extra voter conditions” to narrow your search. Extra voter conditions include:

- Voter History Election Date
- Voter History Election Voting Method
- Voter’s Current Political Party
- Voter’s Age
- Voter’s Registration Date
- Voter’s Residence ZIP Code

Once your request has been submitted, you will receive a confirmation email from info@okelections.us. You will be notified when your custom query is ready to download. Custom query processing times may vary depending on the query specifications and the number of requests the system is processing at any given time. Most queries, however, are usually processed within a matter of minutes.

Custom queries are uploaded as ZIP files that contain the following:

- Custom Data (CSV format)
- Description of Custom Query (CustomQueryDescription.txt)
- Precinct File (precincts.csv)
- OK Election Data Warehouse Instructions (readme.pdf)

All custom query files contain a “QueryReqID” column. The number listed is the ID number assigned to the query search.

IMPORTANT: Custom queries will automatically expire after 14 days from the date of receipt and will not be visible in your “View Custom Query Results.”

How to View and Download Custom Query Results

Click on the link in the email notifying you that your query results are ready to view. Log in to the OK Voter Data Warehouse. From the menu, select “Custom Queries” and then “View Custom Query Results.” You will see your available downloads.

To the left of each query are three buttons which allow you to download the file to your computer, permanently delete the file, or “clone” the file.

The “clone” option can be used to **duplicate** the query at a later date, using updated data. You can also use the “clone” option to **modify** a query’s parameters or conditions.

When you select “clone,” a duplicate file will be created and you will be prompted to select parameters and conditions. If you want to keep parameters and conditions the same, click “Continue” until you submit your request.

The “download” button allows you to download the file to your computer. The “delete” button allows you to permanently delete a file.

IMPORTANT: Once you delete a file, it cannot be recovered.

How to Conduct a Statewide Custom Query

To conduct a statewide custom query, select “Custom Queries,” then “Submit a Custom Query.”

For “Analysis Type,” select “By District,” then select the type of data to include in the results, name the file, and click “continue.” You will then be prompted to select the “District Type” and “District Name”:

- “District Type” – select “State-Wide District”
- “District Name” – select “Statewide 01”

Select your preferences in “Other Info” and click “Continue” to submit your request.

How to Search and Filter Custom Query Results

To search and filter customer query results, select “Custom Queries,” then “View Custom Query Results.”

Check the box in the upper, left-hand corner if you would like to include expired custom queries, then type your keywords in the upper, right-hand corner “Search” box. (**NOTE:** Queries that have been deleted will not appear in the search. Deleted queries cannot be recovered.)

To create an advanced “Search,” select the “Create Filter” option, which can be found in the left-hand corner of your “Custom Query Downloads” screen. On the “Filter Builder” page, click “And” and select the desired filter option, then click “+” and complete the filter details. To add another filter, repeat the process.

Once all filters have been added, select “OK” in the lower left-hand corner. Type your keywords in the upper, right-hand “Search” box.

If you have questions regarding your request, **do not respond to your confirmation email**. Please contact us at info@elections.ok.gov.

Layout Specifications of Download Files

VOTER REGISTRATION INFORMATION

ELEMENT NAME	NOTES
Precinct Number.....	First two characters denote county code.
Last Name	
First Name	
Middle Name	
Suffix.....	Jr, Sr, II, etc.
Voter Identification Number.....	Unique identifier of each voter registration
Political Affiliation.....	DEM, REP, LIB, IND
Status.....	"A" active, "I" inactive
Street/House Number	
Street Direction.....	E, SW, NE, etc.
Street Name	
Street Type.....	Ave, Blvd, St, etc.
Street Post Direction	
Building Number.....	Apartment or suite number, etc.
City/Municipality.....	City/municipality
ZIP Code.....	In ##### or #####-#### format
Date of Birth.....	MM/DD/YYYY
Date of Registration.....	MM/DD/YYYY
Mailing Street Address 1.....	Free form 30-character address line
Mailing Street Address 2.....	Free form 30-character address line
Mailing Address City	
Mailing Address State	
Mailing Address ZIP Code.....	In ##### or #####-#### format
Municipality	
Municipal Ward	
School District	
School Board District	
Technology Center Board District	
Election Date (last 10 counts of history).....	MM/DD/YYYY
Method of Voting (last 10 counts of history).....	IP = Voted in person at polling place AI = Voted absentee in person AB = Absentee PI = Physically Incapacitated CI = Absentee – Care of Physically Incapacitated EI = Absentee – Emergency Incapacitated MI = Absentee – Military OV = Absentee – Overseas NH = Absentee – Nursing Home

NOTICE: Effective November 1, 2021, state law will require the method of voting be kept confidential except in state and federal elections. Protected elections will be identified with two asterisks (**).

Layout Specifications of Download Files

VOTER HISTORY INFORMATION

ELEMENT NAME	NOTES
Voter Identification Number.....	Unique identifier of each voter registration
Election Date.....	MM/DD/YYYY
Method of Voting.....	IP = Voted in person at polling place AI = Voted absentee in person AB = Absentee PI = Physically Incapacitated CI = Absentee – Care of Physically Incapacitated EI = Absentee – Emergency Incapacitated MI = Absentee – Military OV = Absentee – Overseas NH = Absentee – Nursing Home

Data is written in CSV format and is refreshed every week night. Voter History Information may be matched to Voter Registration Information by the Voter Identification Number after both files have been downloaded to your system.

NOTICE: Effective November 1, 2021, state law will require the method of voting be kept confidential except in state and federal elections. Protected elections will be identified with two asterisks (**).

Layout Specifications of Download Files
PRECINCT/DISTRICT INFORMATION (precincts.csv)

ELEMENT NAME

NOTES

Precinct Number.....

The first two characters denote the county code.

Congressional District

State Senate District

State House District

County Commissioner District

Polling Place Name

Polling Place Address

Layout Specifications of Download Files
STATE OF OKLAHOMA - COUNTY CODE LIST

COUNTY CODE	COUNTY NAME	COUNTY CODE	COUNTY NAME
01.....	Adair	40.....	LeFlore
02.....	Alfalfa	41.....	Lincoln
03.....	Atoka	42.....	Logan
04.....	Beaver	43.....	Love
05.....	Beckham	44.....	McClain
06.....	Blaine	45.....	McCurtain
07.....	Bryan	46.....	McIntosh
08.....	Caddo	47.....	Major
09.....	Canadian	48.....	Marshall
10.....	Carter	49.....	Mayes
11.....	Cherokee	50.....	Murray
12.....	Choctaw	51.....	Muskogee
13.....	Cimarron	52.....	Noble
14.....	Cleveland	53.....	Nowata
15.....	Coal	54.....	Okfuskee
16.....	Comanche	55.....	Oklahoma
17.....	Cotton	56.....	Okmulgee
18.....	Craig	57.....	Osage
19.....	Creek	58.....	Ottawa
20.....	Custer	59.....	Pawnee
21.....	Delaware	60.....	Payne
22.....	Dewey	61.....	Pittsburg
23.....	Ellis	62.....	Pontotoc
24.....	Garfield	63.....	Pottawatomie
25.....	Garvin	64.....	Pushmataha
26.....	Grady	65.....	Roger Mills
27.....	Grant	66.....	Rogers
28.....	Greer	67.....	Seminole
29.....	Harmon	68.....	Sequoyah
30.....	Harper	69.....	Stephens
31.....	Haskell	70.....	Texas
32.....	Hughes	71.....	Tillman
33.....	Jackson	72.....	Tulsa
34.....	Jefferson	73.....	Wagoner
35.....	Johnston	74.....	Washington
36.....	Kay	75.....	Washita
37.....	Kingfisher	76.....	Woods
38.....	Kiowa	77.....	Woodward
39.....	Latimer		

Oklahoma State Election Board
REQUEST TO DOWNLOAD FILES

Name of person to contact: _____

Organization or firm: _____

Address: _____

City / State / ZIP: _____

Daytime Telephone: (_____) _____

Email Address: _____

- After submission of this form, you will receive a link to the site, a user name and password. Information will be provided via email from a **“Do Not Reply”** account titled **“OK Election Data Warehouse New User Account Created.”**
- There is no charge for online access. Access is valid for one year and must be renewed annually.
- The OK Election Data Warehouse is updated every weeknight.

Return this form by email, mail, or fax to:

Oklahoma State Election Board

Room G-28, State Capitol, Box 53156

Oklahoma City, OK 73152-3156

Telephone: (405) 521-2391

Fax: (405) 521-6457

Email: info@elections.ok.gov