



Data Website Guide

Version: v4

Data URL: <https://vrsws.sos.ky.gov/liveresults/data>

2024 Primary Election Data

The Current Results data file refreshes every two minutes.

Download the guide for using this data here: [Data Guide](#)

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Dataset Descriptions

Current Results

Contains **Vote Counts** - Data is updated every two minutes.

- **Type:** XML file
- **Primary Elements:**
 - CandidateDataList
 - Included Vote Categories: *total_votes*, and *election_day_votes*. Absentee votes are the difference of total votes and election day votes.
 - **Ordering:** by *gpu_id*, by *contest_id*, by *candidate_id*
 - CandidateData
 - *gpu_id*
 - *Contest_id*

- Candidate_id
 - Total_votes
 - Election_day_votes
- ReportDataList
 - Data for Geopolitical Unit (State, County, Precinct). No candidate-specific data.
 - **Ordering:** by *gpu_id*.
 - ReportData
 - Gup_id
 - Status
 - Precinct_participating
 - Precinct_reporting
 - Ballots_cast
 - Registered_voters
- **Note:** As of the 2024 Primary, Laurel County **will** now report precinct level data.

Elections

- **Type:** XML file
- **Primary Elements:**
 - Election
 - ElectionId
 - ElectionName
 - ElectionType
 - ElectionDate

Political Parties

- **Type:** XML file
- **Primary Elements:**
 - Political Party
 - PartyId
 - PartyName
 - Abbreviation
- **Changes:**
 - For the 2024 primary and later elections the following attributes have been removed: Code, Description, IsRecognized, Color, and LogoUri.
 - For the 2024 General Election, and possibly later elections, there's an additional party "Kentucky Party"

Geopolitical Units

- **Type:** XML file
- **Primary Elements:**
 - GeopoliticalUnit
 - UnitId
 - UnitName
 - UnitType
 - ParentId
- **Changes:** For the 2024 primary and later elections the following attributes have been removed: Code, Description, and Abbreviation.

Contests

- **Type:** XML file
- **Primary Elements:**
 - Contest
 - ElectionId
 - ContestId
 - ContestName
 - GovernmentScopeUnitId
 - FilingScopeUnitId
 - OfficeScopeUnitId
 - ContestScopeUnitId
 - IsPartisan
 - IsUnexpiredTerm
 - IsUncontested
 - SelectableOption
 - DisplayOrder
 - PoliticalPartyId

Candidates

- **Type:** XML file
- **Primary Elements:**
 - Candidate
 - ElectionId
 - ContestId
 - CandidateId
 - BallotName
 - IsIncumbent
 - IsWriteIn
 - IsWithdrawn
 - PoliticalPartyId
- **Note:** PoliticalPartyId will not be "0" for candidates in non-partisan contests.

Notes on Geopolitical Units

EXAMPLE FROM CURRENTRESULTS.XML:

```
<ReportData gpu_id="57" status="PartialReporting" precinct_participating="14"
precinct_reporting="14" ballots_cast="403" registered_voters="9891" />
```

- The *precincts_reporting* for the county cannot be used to determine that a precinct has **completely** reported.
 1. Reporting (in relation to precincts) includes any precincts that the county has provided results for. This does not mean that the precinct has fully reported.
- The *status* attribute on *ReportData* is used to determine the reporting status of the precinct.
 1. The states for the reporting status and their conditions are:
 1. **NotReporting:** The precinct *ballots_cast* = 0

2. **PartialReporting:** The *ballots_cast* is not 0, but the county has **not** indicated that they (the county) have finished uploading all data.
3. **FinalReporting:** The county has indicated that they **have** finished uploading all their data. Now, this value is set regardless of the *ballots_cast* value.
2. FinalReporting is a value set by the county clerk's office. Only when they set this value do all the precincts (and the county itself) become Final. The value becoming FinalReporting is
3. simultaneous for the county and the county's precincts.

Relationships

This table illustrates the *parentId* and *unitId* relationship between geopolitical units.

UnitId	UnitType	ParentId	Name
1	10	N/A	United States
2	11	1	Kentucky
3	12	2	Adair
1617	17	3	A102

Unit Types

These are the available geopolitical unit types.

Geopolitical Unit types	
value	type
10	Country
11	State
12	County
13	City
14	County School District
15	Water
16	Other Governmental Jurisdictions
17	Precinct
18	Split Precinct
19	Polling Place
20	Vote Center
21	Other Administrative Divisions
22	Congressional
23	State House
24	State Senate
25	Supreme Court
26	Circuit Court
27	District Court
28	Ward
29	Magisterial
30	Other Political Districts
31	Division
111	School Boards