#### Project 1 – PA Voters Data Specifications

June 29, 2019

##### Voters Data

This file contains the voter export records. Refer to the Zone Types and Zone Codes documentation for District 1 to District 40 fields. Refer to the Election Mapping documentation for Election 1 to Election 40 fields. Refer to Political Party Codes and Descriptions documentation for Party Codes fields.

The file is a tab delimited file where string fields are surrounded by quotes.

Name of the file: {county name} FVE {YYYYMMDD}.txt

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Number** | **Field Description** | **Field Type** | **Comments** |
| 1 | ID Number | String | SURE Voter ID number |
| 2 | Gender | String | F=Female, M=Male, U=Unknown |
| 3 | DOB | Date | MM/DD/YYYY |
| 4 | Registration Date | Date | MM/DD/YYYY |
| 5 | Voter Status | String | A=Active, I=Inactive |
| 6 | Status Change Date | Date | MM/DD/YYYY |
| 7 | Party Code | String | See Political Party Code documentation |
| 8 | Last Vote Date | Date | MM/DD/YYYY |
| 29 | Date Last Changed | Date | MM/DD/YYYYY |
| 30 | Custom Data 1 | String | Legacy system ID number |
| 31 | District 1 | String | See Zone Code and Zone Type documentation for District 1 to District 40 |
| 32 | District 2 | String |  |
| 33 | District 3 | String |  |
| 71 | Election 1 Vote Method | String | See Election Map documentation for Election 1 to Election 40.  AP=At Polls  AB=Absentee  P=Provisional |
| 72 | Election 1 Party | String | See Political Party Code documentation for Election 1 to Election 40. |
| 152 | County | String | County Name the voter is currently registered in. |

**Zone Types Export**

This file contains the types of districts into which a county has its voters segmented. The voter record in the voter export file contains district fields that may designate the voter’s school district, State House, State Senate, U.S. Congress, etc. This file determines what type the district field is denoted as.

The contents of this file may be different for each county.

The file is a tab delimited file where string fields are surrounded by quotes.

Name of the file: {county name} Zone Types {YYYYMMDD}.txt

|  |  |  |
| --- | --- | --- |
| **Field Description** | **Field Type** | **Comments** |
| County Name | String | County the file is exported for.  Ex. CAMDEN, SULLVIAN, etc. |
| Zone Number | Int | District field found in the voter export.  Ex. 1, 2, 3, etc. |
| Zone Short Name | String | Ex. Prec, WD, SC, STH, STS, USC, etc. |
| Zone Long Name | String | Description  Ex. Precinct, Ward, School District, State House, State Senate, U.S. Congress, etc. |

**Zone Codes**

This file contains the names of the districts in which voters may be registered. The voter record in the voter export file may contain these codes within the district fields that will link to these records.

The contents of this file will be different for each county.

The file is a tab delimited file where string fields are surrounded by quotes.

Name of the file: {county name} Zone Codes {YYYYMMDD}.txt

|  |  |  |
| --- | --- | --- |
| **Field Description** | **Field Type** | **Comments** |
| County Name | String | County the file is exported for.  Ex. CAMDEN, SULLVIAN, etc. |
| Zone Number | Int | Appropriate district field found in the voter export.  Ex. 1, 2, 3, etc. |
| Zone Code | String | Code found in the district field located in the voter export.  Ex. MN11, JD402, 11-1, etc. |
| Zone Description | String | Description of the Zone Code.  Ex. MAIN TOWNSHIP, 123 JUDICIAL DISTRICT, JONES TOWNSHIP, etc. |

**Election Mapping**

This file contains the crosswalk for the elections found in the voter export record. Up to 40 elections will be exported in the voter export record. These elections are based on the “snapshot” that the SURE county executed within the SURE system. The Department is not responsible for which elections are included or not included in the “snapshot.” No other elections will be exported in the voter record beyond 40 at this time.

The contents of this file will be different for each county.

The file is a tab delimited file where string fields are surrounded by quotes.

Name of the file: {county name} Election Map {YYYYMMDD}.txt

|  |  |  |
| --- | --- | --- |
| **Field Description** | **Field Type** | **Comments** |
| County Name | String | County the file is exported for.  Ex. CAMDEN, SULLVIAN, etc. |
| Election Number | Int | Appropriate election field found in the voter export.  Ex. 5, 1, 7, etc. |
| Election Description | String | Name of the election setup by the county.  Ex. 2006 General Primary, 2000 General, etc. |
| Election Date | Date | MM/DD/YYYY |

**Political Party Codes and Description File**

This file contains the Political Party Codes and Descriptions associated with each political party code found on the Full Voter Export. This can be used as reference for the Party Code line and the Election 1 through Election 40 Party lines.

When referencing the Party Code line, this is the political party that the voter is currently registered as. In relation to the Election 1 through Election 40 Party Lines, the Party Code that is displayed is the political party that the voter was registered as at the time of the election.

The contents of this file will be the same for each county.

The file is a tab delimited file.

Name of the file: PoliticalPartyCodesandDescriptions.txt