



Full Voter Export  
Pennsylvania Department of State – SURE Office

Edited: December 6, 2019



## Document History

Author	Date	Comments
Courtney Wolpert	December 6, 2019	Modified Vote Entry Method to include the code for Mail-In Ballot.
Niyema Thomas	January 9, 2019	Modified the Zone Types Export 'Comments' section to reflect the updated Zone Short Name and Zone Long Name for State House, State Senate and U.S. Congress.
Courtney Wolpert	April 9, 2013	Modified Voter Export section to reflect codes for Gender. Modified Voter Export section adding Provisional Vote Method. Modified Voter Export section to reflect Party Code file. Added Political Party Codes and Descriptions File information regarding the addition of the new file with the export. No specification changes were made.
Courtney Wolpert	April 13, 2012	Field numbers added to the Voter Export section to help users correlate field names if imported into Microsoft Access. No file changes were made.
Tim Ruppert	January 27, 2009	Modified Voter Export Overview section to reflect that up to 40 elections are provided. Modified Voter Export section to reflect that up to 40 elections are provided. Modified Election Mapping section to reflect that up to 40 elections are provided. No specification changes were made.
Rebecca Oyler	September 28, 2007	Added instructions for importing FVE file into Microsoft Access.
Tim Ruppert	March 6, 2007	Mail Country field added to the Voter Export file.
Georgia Francis	July 7, 2006	Original document released.

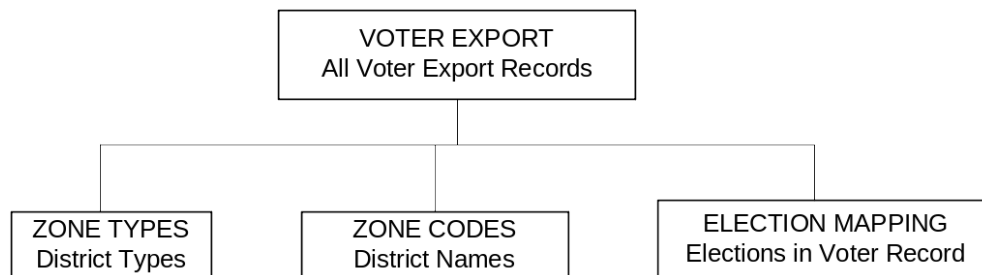


## Release Notes for Updates

Date	Document Section	Comments
January 9, 2019	Zone Types Export	Zone Types Export section was updated to include values for standardized naming convention for State House, State Senate, and U.S. Congress districts. This update will also appear in the Voter Export files.
March 6, 2007	Voter Export	Voter Status comments were changed to include the value for the Inactive status.
March 6, 2007	Voter Export	The Mail Country field was added as the last field of the voter export file.

## Voter Export Overview

These Voter data files contain the complete files of all Voter data including District Zone types within the district fields, Zone Codes within the district fields that link to district names and up to 40 elections found in the Voter Export record.



The attached tables for each file type indicate Field Description, Field Type and Comments.

## Voter Export

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	Title	String	
3	Last Name	String	
4	First Name	String	
5	Middle Name	String	
6	Suffix	String	
7	Gender	String	F=Female, M=Male, U=Unknown
8	DOB	Date	MM/DD/YYYY
9	Registration Date	Date	MM/DD/YYYY
10	Voter Status	String	A=Active, I=Inactive
11	Status Change Date	Date	MM/DD/YYYY
12	Party Code	String	See Political Party Code documentation
13	House Number	String	Residential
14	House Number Suffix	String	Residential
15	Street Name	String	Residential
16	Apartment Number	String	Residential
17	Address Line 2	String	Residential
18	City	String	Residential
19	State	String	Residential
20	Zip	String	Residential
21	Mail Address 1	String	Mailing
22	Mail Address 2	String	Mailing
23	Mail City	String	Mailing
24	Mail State	String	Mailing
25	Mail Zip	String	Mailing
26	Last Vote Date	Date	MM/DD/YYYY
27	Precinct Code	String	
28	Precinct Split ID	String	
29	Date Last Changed	Date	MM/DD/YYYY
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	
34	District 4	String	
35	District 5	String	
36	District 6	String	
37	District 7	String	
38	District 8	String	
39	District 9	String	
40	District 10	String	
41	District 11	String	
42	District 12	String	
43	District 13	String	
44	District 14	String	
45	District 15	String	
46	District 16	String	
47	District 17	String	
48	District 18	String	
49	District 19	String	
50	District 20	String	
51	District 21	String	
52	District 22	String	
53	District 23	String	
54	District 24	String	
55	District 25	String	
56	District 26	String	
57	District 27	String	
58	District 28	String	
59	District 29	String	
60	District 30	String	
61	District 31	String	
62	District 32	String	
63	District 33	String	
64	District 34	String	
65	District 35	String	
66	District 36	String	
67	District 37	String	
68	District 38	String	
69	District 39	String	
70	District 40	String	
71	Election 1 Vote Method	String	See Election Map documentation for Election 1 to Election 40. AP=At Polls AB=Absentee MB = Mail-In Ballot P=Provisional
72	Election 1 Party	String	See Political Party Code documentation for Election 1 to Election 40.
73	Election 2 Vote Method	String	



74	Election 2 Party	String	
75	Election 3 Vote Method	String	
76	Election 3 Party	String	
77	Election 4 Vote Method	String	
78	Election 4 Party	String	
79	Election 5 Vote Method	String	
80	Election 5 Party	String	
81	Election 6 Vote Method	String	
82	Election 6 Party	String	
83	Election 7 Vote Method	String	
84	Election 7 Party	String	
85	Election 8 Vote Method	String	
86	Election 8 Party	String	
87	Election 9 Vote Method	String	
88	Election 9 Party	String	
89	Election 10 Vote Method	String	
90	Election 10 Party	String	
91	Election 11 Vote Method	String	
92	Election 11 Party	String	
93	Election 12 Vote Method	String	
94	Election 12 Party	String	
95	Election 13 Vote Method	String	
96	Election 13 Party	String	
97	Election 14 Vote Method	String	
98	Election 14 Party	String	
99	Election 15 Vote Method	String	
100	Election 15 Party	String	
101	Election 16 Vote Method	String	
102	Election 16 Party	String	
103	Election 17 Vote Method	String	
104	Election 17 Party	String	
105	Election 18 Vote Method	String	
106	Election 18 Party	String	
107	Election 19 Vote Method	String	
108	Election 19 Party	String	



109	Election 20 Vote Method	String	
110	Election 20 Party	String	
111	Election 21 Vote Method	String	
112	Election 21 Party	String	
113	Election 22 Vote Method	String	
114	Election 22 Party	String	
115	Election 23 Vote Method	String	
116	Election 23 Party	String	
117	Election 24 Vote Method	String	
118	Election 24 Party	String	
119	Election 25 Vote Method	String	
120	Election 25 Party	String	
121	Election 26 Vote Method	String	
122	Election 26 Party	String	
123	Election 27 Vote Method	String	
124	Election 27 Party	String	
125	Election 28 Vote Method	String	
126	Election 28 Party	String	
127	Election 29 Vote Method	String	
128	Election 29 Party	String	
129	Election 30 Vote Method	String	
130	Election 30 Party	String	
131	Election 31 Vote Method	String	
132	Election 31 Party	String	
133	Election 32 Vote Method	String	
134	Election 32 Party	String	
135	Election 33 Vote Method	String	
136	Election 33 Party	String	
137	Election 34 Vote Method	String	
138	Election 34 Party	String	
139	Election 35 Vote Method	String	
140	Election 35 Party	String	
141	Election 36 Vote Method	String	
142	Election 36 Party	String	
143	Election 37 Vote	String	





	Method		
144	Election 37 Party	String	
145	Election 38 Vote Method	String	
146	Election 38 Party	String	
147	Election 39 Vote Method	String	
148	Election 39 Party	String	
149	Election 40 Vote Method	String	
150	Election 40 Party	String	
151	Home Phone	String	
152	County	String	County Name the voter is currently registered in.
153	Mail Country	String	

## 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. ADAMS, CUMBERLAND, DAUPHIN, 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. ADAMS, CUMBERLAND, DAUPHIN, 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. ADAMS, CUMBERLAND, DAUPHIN, 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

## Instructions for Importing a Full Voter Export (FVE) File into Microsoft Access

The following instructions provide the steps necessary to import a Department of State (DOS) FVE file into Microsoft Access 2003. *Please note that if the disk you received from DOS contains zipped files, you will need to uncompress these files elsewhere and save them before attempting to import the data into Access.*

1. Open Microsoft Access. Click on the 'File' menu, and select, 'New.'
2. From the 'New File' menu that opens on the right-hand side of the screen, select 'Blank database...'
3. Select a File name and save the new database file in the location you choose by selecting 'Create'.
4. Return to the 'File' menu, and select, 'Get External Data,' choosing 'Import' in the subsequent menu.
5. In the 'Import' window that appears, select 'Text Files' from the 'Files of type' drop-down box at the bottom.
6. In the 'Look in' drop-down box at the top of the 'Import' window, navigate to the FVE file on the disk provided (or on your computer if you have saved the file there).
7. Double-click on the FVE file you wish to open. The 'Import Text Wizard' will initiate.
8. On the first 'Import Text Wizard' window, ensure that 'Delimited' is auto-selected at the top, and click the 'Next' button at the bottom.
9. On the next screen of the 'Import Text Wizard,' ensure that 'Tab' is auto-selected at the top and click the 'Next' button at the bottom.
10. On the next screen of the 'Import Text Wizard,' ensure that 'In a New Table' is selected at the top and click the 'Next' button at the bottom.
11. The next screen of the Wizard gives you the option to name specific fields of the database. Name the fields by selecting each column and typing the name of each in the 'Field Name' box if you wish. When finished, click the 'Next' button at the bottom.
12. The next screen of the Wizard gives you options for adding a primary key to the table you are creating. It is recommended that you select 'Choose my own primary key,' and highlight the first field. This field contains the Voter ID number. Click the 'Next' button at the bottom after selecting a primary key.
13. The next screen is the last screen of the 'Import Text Wizard.' After reviewing the options on this screen, click the 'Finish' button at the bottom. It may take some time for the program to import the data, depending on the size of the file.
14. You will receive a message when the import is complete. Click 'OK.'
15. Double-click on the FVE file name in the table tab. This will open up your new table with the FVE data in it. You may now save, sort, and manipulate the data as you wish in the Access file.