

Friday, May 17, 2024 at 09:12:38 Eastern Daylight Time

**Subject:** FW: Response to 5/8/2024 American Oversight PRR  
**Date:** Thursday, May 16, 2024 at 5:05:40 PM Eastern Daylight Time  
**From:** Ben Sparks  
**To:** AO Records  
**Attachments:** image001.png, 0696\_001.pdf

Hello!

This production from the Ohio SoS is ready for processing in response to OH-SOS-24-0495. If you have any questions, please let me know!

Thanks!

Ben

--

**Ben Sparks** | he/him/his  
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**From:** Lawrence, Julia <[jlawrence@OhioSOS.Gov](mailto:jlawrence@OhioSOS.Gov)>  
**Date:** Thursday, May 16, 2024 at 3:46 PM  
**To:** Ben Sparks <[ben.sparks@americanoversight.org](mailto:ben.sparks@americanoversight.org)>  
**Subject:** Response to 5/8/2024 American Oversight PRR

EXTERNAL SENDER

Mr. Sparks,

This email responds to your public records request dated 5/8/2024 for the following records:

A complete copy (including any attachments) of all written reports or audit materials from United Sovereign Americans.

Records responsive to this request include, but are not limited to, reports, spreadsheets, or other forms of aggregated data.

Please provide all responsive records from June 1, 2023, through the date your office receives this request.

All records responsive to your request are attached. No records have been redacted or withheld from this response. This email concludes our response to your request. Our file on your request will be closed.

Sincerely,



**Julia Lawrence | Assistant Chief Legal Counsel**  
Office of the Ohio Secretary of State

**Phone:** 614.696.8881

**Email:** [jlawrence@OhioSOS.gov](mailto:jlawrence@OhioSOS.gov)

[OhioSoS.gov](http://OhioSoS.gov)

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# OHIO ELECTION COMPLAINT

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Thomas Wood  
State Chapter Director for Ohio  
United Sovereign Americans  
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Wooster, OH 44691  
(330) 466-5850  
thomas.wood@usa4freedom.org

January 19, 2024

Frank LaRose  
Ohio Secretary of State  
80 E Broad St., 16th Floor  
Columbus, OH 43215

*180 civic center drive*

Mr. LaRose:

My name is Thomas Wood. I am State Chapter Director for Ohio for United Sovereign Americans and am submitting this complaint on behalf of the citizens of Ohio.

As can be seen from the attached documents, it appears that there are serious breaches of statutory standards on both the Federal and state level required by the law. In total, more than one million potential voter irregularity/registration cases would either need to be explained or classified as illegal votes, obviously 1) affecting compliance with Federal and state vote procedure requirements, 2) reflecting election results certified as legal but which in fact were illegal, and 3) reflecting possible election fraud in Ohio during the 2022 general election.

Let me stress that this is not a vague complaint of election fraud conspiracy. Nor is not an attempt to overturn any particular election result. It is intended, however, to point up what may be ongoing illegal procedures and a failure to follow the law in elections in Ohio. If this is the case, they must be identified and remedied.

If you choose to dismiss the facts forming the basis of this inquiry, further action will be pursued. We would hope, however, that you would thoroughly investigate, satisfactorily explain, and provide a meaningful response to our work reflecting more than a million potential anomalies and potential violations of state and Federal law, rules, and procedures, affecting more than 600,000 unique votes. While we do not know who is responsible for these anomalies, we do know who certified election results apparently contrary to standards for error, accuracy, and compliance. We hope that the facts are recognized, investigated, and explained.

Our concern, obviously, is that the resulting election certification apparently was made despite objective, factual data raising concerns that the State had massively compromised systems, and that the certification may represent serious disregard of the voters' civil and constitutional rights within the state.

We ask for a response of intentions from you within ten days. I have attached 1) our summary report (Ohio's 2022 General Election Validity Scorecard); 2) a detailed summary of our method of analysis; 3) an inventory spreadsheet listing all files provided on the enclosed USB drive, including extraction files and output files for all anomalies referenced in the summary report, as well as copies of the state data files interrogated; and one SanDisk brand 32 GB USB drive with 164 files on it, matching the inventory spreadsheet. This analysis used data provided by the State.

Sincerely,



Thomas Wood



# Ohio's 2022 General Election Validity Scorecard

## ★ 1. Were the voter rolls accurate, as required by the National Voter Registration Act of 1993?

Ineligible or Uncertain Registration Type	Number of Instances*
Illegal duplicate registrations	34,233
Incomplete or unknown address	158,209
Registered on or before date of birth	59,025
Age discrepant registrants (more than 115yo or registered before legally permitted age)	4,143
Registered on January 1st	253,486
Registered on a Federal Holiday (not New Year's Day)	84,221
Registered on Sunday	201,693
Date of birth changed	6,348
Voter history inexplicably changed	38,403
Registration date altered backwards (new registration date pre-dates record in earlier voter roll)	120,094
Voters with altered "unique" state voter identification number	243,583
<b>APPARENT REGISTRATION VIOLATIONS:</b>	<b>1,203,438</b>

## ★ 2. Were the votes counted from eligible voters, as required by the US Constitution?

Ineligible or Uncertain Registration Type that Voted in 2022 GE	Votes cast in 2022 GE**
Illegal duplicate registrations	8,025
Incomplete or unknown address	41,126
Registered on or before date of birth	48,957
Registered after the 2022 GE cutoff date yet voted in the 2022 GE	49,362
Age discrepant registrants (more than 115yo or registered before legally permitted age)	1,636
Registered on January 1st	197,757
Registered on a Federal Holiday (not New Year's Day)	45,542
Registered on Sunday	116,855
Date of birth changed	3,456
Voter history inexplicably changed	18,210
Registration date altered backwards (new registration date pre-dates record in earlier voter roll)	63,513
Voters with altered "unique" state voter identification number	118,857
<b>APPARENT VOTING VIOLATIONS:</b>	<b>713,296</b>
<b>UNIQUE VOTES IMPACTED BY APPARENT VOTING VIOLATIONS:</b>	<b>602,631</b>

## ★ 3. Was the number of votes counted equal to the number of voters who voted?

Official Source	Reported Total
OH SOS Official Results of 2022 GE certification (12/09/2022)	4,201,368 votes counted
OH SWVRD raw data, official federal document (12/10/2022)	3,039,289 voters who voted
<b>DIFFERENCE:</b>	<b>1,162,079 more votes counted than voters who voted</b>

## ★ 4. Was the number of ballots in error valid according to the Help America Vote Act of 2002?

Apparent voting violations in the 2022 GE according to OH SWVRD raw data	713,296
Allowable machine error rate is 1/10,000,000 ballot positions or 1/125,000 ballots	34
<b>Provable accuracy fails to meet any protective legal standard</b>	<b>713,262 unresolved vote errors</b>

*"Congress seeks. . . to guard the election of members of Congress against any possible unfairness by compelling, under its pains and penalties, everyone concerned in holding the election to a strict and scrupulous observance of every duty devolved upon him while so engaged. . . . The evil intent consists in disobedience to the law." —In re Coy, 127 U.S. 731 (1888)*

\*Extracted from a copy of the OH Statewide Voter Registration Database downloaded from the Ohio Secretary of State's website as posted for December 10, 2022.

\*\*Voter history is inexplicably permitted to be updated for 20 days post-certification in Ohio. Thus, data was extracted from copies of the OH Statewide Voter Registration Database downloaded from the Ohio Secretary of State's website as posted for December 10, 17, 24, and 31, 2022, to ensure the most accurate counts.

# Ohio's 2022 Election Validity Scorecard:

Summary of apparent registration and voting violations with supporting SQL

## Illegal duplicate registrations

Federal law requires that electors have one unique state identifier, hence, in any one voter file, only one registration record. "Persons" with apparently two or more registration records at any one time have been identified in Ohio's voter rolls.

By way of preface, we note that in Ohio's state and county voter files that some records include first names, middle names, or last names that contain various characters and spaces specifically at variance with the rules of data entry specified by the state's Election Official Manual. For this reason, the following SQL function was written to strip these "extra" characters from names (first, middle, and last) in order to be able to examine more fully the voter rolls for duplicates ("persons" with more than one registration record).

*Function to strip "extra" certain characters from names (or other strings): dbo.fn.StripString*

```
1  /*This function strips from a string certain characters not permitted by Ohio's rules for data entry:
2  punctuation marks, space characters, and the special character "^".*/
3  CREATE FUNCTION [dbo].[fnStripString]
4  (@String varchar(255))
5  RETURNS varchar(255)
6  AS
7  BEGIN
8
9  -- function to strip all punctuation marks and space characters from a string
10 DECLARE @i int
11 SET @i = (SELECT PATINDEX('%[^a-z^0-9]%', @String))
12 WHILE (@i > 0)
13 BEGIN
14 SET @String = (SELECT REPLACE(@String, SUBSTRING(@String, @i, 1), ''))
15 SET @i = (SELECT PATINDEX('%[^a-z^0-9]%', @String))
16 END
17
18 -- strip the special character ^
19 SET @String = REPLACE(@String, '^', '')
20 RETURN @String
21 END
```

With this function we searched the state voter roll of December 10, 2022 (the day after Ohio Secretary of State, Mr. Frank LaRose, certified the November 2022 general election) for instances of multiple records with the same combination of first name, middle name, last name, and date of birth. 34,233 records were identified. Some combinations were shared by five records, some by four, others by three, and still others by two.

```
1  /*****
2  FILENAME: USA-OH1-01-01-DUP-Duplicates-FN-MN-LN-DOB-stripped.sql
```

```

3 LAW: Help America Vote Act of 2002, 42 U.S.C. § 15483(a)(1)(A): "Every legally registered voter
4 in the State" shall be assigned "a unique identifier."
5 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with identical name
6 (first, middle, and last; after stripping out extraneous characters and spaces) and date of birth
7 with more than one state voter identification number.
8 TABLES: dbo.swvf_121022, dbo.fnStripString
9 STATE FILES USED IN ANALYSIS:
10 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
11     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
12         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
13     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
14         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
15     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
16         [md5 hash: f152c69d188cadd33735d36a1703f96c]
17     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
18         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
19 RESULTS: 34,233 rows. 11:25 running time.
20 DATA OUTPUT FILE: USA-OH1-01-01-DUP-Duplicates-FN-MN-LN-DOB-stripped.xlsx
21 *****/
22
23 /*Strip out spaces and punctuation in electors' first name, middle, and last name, and thereafter
24 identify duplicates by first name, middle name, last name, and date of birth.*/
25 SELECT a.*
26 FROM dbo.SWVF_121022 a
27 INNER JOIN
28     (
29         SELECT dbo.fnStripString(FIRST_NAME) as FIRST_NAME
30             , dbo.fnStripString(MIDDLE_NAME) as MIDDLE_NAME
31             , dbo.fnStripString(LAST_NAME) as LAST_NAME, DATE_OF_BIRTH
32             , COUNT(*) AS INSTANCES
33         FROM dbo.SWVF_121022
34         GROUP BY dbo.fnStripString(FIRST_NAME), dbo.fnStripString(MIDDLE_NAME),
35         dbo.fnStripString(LAST_NAME), DATE_OF_BIRTH
36         HAVING COUNT(*) > 1
37     ) b
38 ON dbo.fnStripString(a.FIRST_NAME) = b.FIRST_NAME
39 AND dbo.fnStripString(a.MIDDLE_NAME) = b.MIDDLE_NAME
40 AND dbo.fnStripString(a.LAST_NAME) = b.LAST_NAME
41 AND a.DATE_OF_BIRTH = b.DATE_OF_BIRTH
42 ORDER BY INSTANCES DESC, dbo.fnStripString(a.LAST_NAME), dbo.fnStripString(a.FIRST_NAME)
43     , dbo.fnStripString(a.MIDDLE_NAME), REGISTRATION_DATE ASC

```

Sample of the results:



SOSID	FN	MN	LN	DOB	ADDRE...	ZIP	RegDate
OH00240811...	DAVID	NATHA...	CONL...	1992-10-14	828 OLIV...	45503	2016-10-14
OH00267533...	DAVID	NATHA...	CONL...	1992-10-14	4033 ERI...	43016	2022-10-21
OH00267537...	DAVID	NATHA...	CONL...	1992-10-14	4033 ERI...	43016	2022-10-25
OH00267568...	DAVID	NATHA...	CONL...	1992-10-14	4033 ERI...	43016	2022-11-08
OH00240795...	CHAR...	FRANC...	EBER...	1997-02-12	1123 BAY...	43035	2016-10-11
OH00267523...	CHAR...	FRANC...	EBER...	1997-02-12	2080 FLA...	43235	2022-10-13
OH00267572...	CHAR...	FRANC...	EBER...	1997-02-12	2080 FLA...	43235	2022-11-08
OH00267554...	CHAR...	FRANC...	EBER...	1997-02-12	2080 FLA...	43235	2022-11-08

Who of these voted in the 2022 general election? The process of determining which and how many of the records among the duplicates voted in the November 8, 2022 general election is complicated by two realities. First, Ohio rules permit county boards of elections thirty (30) days after the close of canvass (November 29, 2022) to update the voter history in the state file. Second, in normal course, electors can be removed from the voter rolls for various reasons, including death and relocation out of state. To account for these, because we wished not to miss any records to whom a ballot was assigned, we created a temptable of four December Ohio voter rolls (12/10/22, 12/17/22, 12/24/22, and 12/31/22) to which we could join the results of our search for duplicates and identify which ones appeared in the voter history of at least one December roll as having voted in the 2022 general election. 8,025 records were identified.

*Temptable of the records from the 12/10/22, 12/17/22, 12/24/22, and 12/31/22 Ohio statewide voter rolls who voted in the 2022 general election.*

```

1 /*Create temptable of voter history for the November 2022 general election from the December 10,
2 17, 24, and 31, 2022 OH statewide voter files.*/
3 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-10'
4 as SWVF_DATE into #VoterList from SWVF_121022
5
6 insert into #VoterList (SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH,
7 GENERAL_11_08_2022, SWVF_DATE)
8 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-17'
9 as SWVF_DATE from SWVF_121722
10
11 insert into #VoterList(SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH,
12 GENERAL_11_08_2022, SWVF_DATE)
13 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-24'
14 as SWVF_DATE from SWVF_122422
15
16 insert into #VoterList(SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH,
17 GENERAL_11_08_2022, SWVF_DATE)
18 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-31'
19 as SWVF_DATE from SWVF_123122

```

Observe that the following query—which will identify the voter history of duplicates in the December 10, 2022 voter roll—begins with these lines of code which build the temptable. Notice too that at the end of the query, the code closes (“drops”) the temptable which would otherwise remain in the server’s temporary memory available for another query. Should you wish to run the search again or a subsequent query based on the temptable, you will, of course, save the time of rebuilding it by simply not executing the DROP TABLE clause.

```

1  /*****
2  FILENAME: USA-OH2-01-01-DUP-Duplicates-FN-MN-DOB-stripped-voted2022.sql
3  LAW: Help America Vote Act of 2002, 42 U.S.C. § 15483(a)(1)(A): "Every legally registered voter
4  in the State" shall be assigned "a unique identifier."
5  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with identical name
6  (first, middle, and last; after stripping out extraneous characters and spaces) and date of birth
7  with more than one state voter identification number AND voted in the November 2022 general
8  election as demonstrated by the voter history for the November 2022 general election in at least
9  one of the following statewide voter files: December 10, 17, 24, or 31, 2022.
10 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122, dbo.fnStripString
11 STATE FILES USED IN ANALYSIS:
12 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
13   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
14      [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
15   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
16      [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
17   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
18      [md5 hash: f152c69d188cadd33735d36a1703f96c]
19   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
20      [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
21 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
22   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
23      [md5 hash: c3691bb155787651b18587128059e122]
24   b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
25      [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
26   c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
27      [md5 hash: cf7ec4123d1e60804edb74866077d55c]
28   d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
29      [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
30 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
31   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
32      [md5 hash: af56b41e009e08405d0545a815635b69]
33   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
34      [md5 hash: bb14a788f48e1585500dc507669ee4e6]
35   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
36      [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
37   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
38      [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
39 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
40   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
41      [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
42   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
43      [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
44   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
45      [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
46   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
47      [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
48 RESULTS: 8,025 rows. 11:12 running time.

```

```

49 DATA OUTPUT FILE: USA-OH2-01-01-DUP-Duplicates-FN-MN-DOB-stripped-voted2022.xlsx
50 *****/
51
52 /*Create temptable of voter history for the November 2022 general election from the December 10,
53 17, 24, and 31, 2022 OH statewide voter files.*/
54 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-10'
55 as SWVF_DATE into #VoterList from SWVF_121022
56
57 insert into #VoterList (SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH,
58 GENERAL_11_08_2022, SWVF_DATE)
59 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-17'
60 as SWVF_DATE from SWVF_121722
61
62 insert into #VoterList(SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH,
63 GENERAL_11_08_2022, SWVF_DATE)
64 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-24'
65 as SWVF_DATE from SWVF_122422
66
67 insert into #VoterList(SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH,
68 GENERAL_11_08_2022, SWVF_DATE)
69 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-31'
70 as SWVF_DATE from SWVF_123122
71
72 /*Identify those electors from the INNER JOIN who voted in the November 2022 general election.*/
73 SELECT DISTINCT x.SOS_VOTERID, x.GENERAL_11_08_2022, y.FN, y.MN, y.LN, y.DOB
74 FROM
75     (
76         SELECT DISTINCT SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH,
77 GENERAL_11_08_2022
78         --select count(*)
79         FROM #voterlist
80         WHERE GENERAL_11_08_2022 like 'X'
81     ) x
82 INNER JOIN
83     /*Identify electors in the December 10, 2022 OH statewide voter file with identical name
84     (first, middle, and last; after stripping out extraneous characters and spaces) and date of birth
85     with more than one state voter identification number.*/
86     (
87         SELECT a.SOS_VOTERID as SOSID, a.FIRST_NAME as FN, a.MIDDLE_NAME as MN, a.LAST_NAME as LN,
88 a.DATE_OF_BIRTH as DOB, a.RESIDENTIAL_ADDRESS1 as ADDRESS, a.RESIDENTIAL_ZIP as ZIP,
89 a.REGISTRATION_DATE as RegDate
90         FROM dbo.SWVF_121022 a
91         INNER JOIN
92             (
93                 SELECT dbo.fnStripString(FIRST_NAME) as FIRST_NAME
94                     , dbo.fnStripString(MIDDLE_NAME) as MIDDLE_NAME
95                     , dbo.fnStripString(LAST_NAME) as LAST_NAME, DATE_OF_BIRTH
96                     , COUNT(*) AS INSTANCES

```

```

97         FROM dbo.SWVF_121022
98         GROUP BY dbo.fnStripString(FIRST_NAME), dbo.fnStripString(MIDDLE_NAME)
99                , dbo.fnStripString(LAST_NAME), DATE_OF_BIRTH
100        HAVING COUNT(*) > 1
101    ) b
102    ON dbo.fnStripString(a.FIRST_NAME) = b.FIRST_NAME
103       AND dbo.fnStripString(a.MIDDLE_NAME) = b.MIDDLE_NAME
104       AND dbo.fnStripString(a.LAST_NAME) = b.LAST_NAME
105       AND a.DATE_OF_BIRTH = b.DATE_OF_BIRTH
106    ) y
107    ON x.FIRST_NAME = y.FN
108       AND x.MIDDLE_NAME = y.MN
109       AND x.LAST_NAME = y.LN
110       AND x.DATE_OF_BIRTH = y.DOB
111
112 /*Delete the temptable*/
113 DROP TABLE #VoterList

```

Sample of the results:

SOS_VO...	GENERAL_11_08_2022	FN	MN	LN	DOB
OH0026721...	X	DEBO...	KAY	FETT...	1952-05-...
OH0026748...	X	CHEL...	ALYSE	CERI...	1990-12-...
OH0026723...	X	RACH...	E	CLAR...	1998-12-...
OH0026757...	X	SHANA	MCKE...	SAND...	1996-07-...

## Incomplete or unknown addresses

Applications to register to vote require various pieces of information, including address, and where the address is a multi-unit dwelling a unit number. For this query, we identified multi-unit dwellings in Ohio by searching the December 10, 2022 statewide voter file for records with addresses with a unit number, and then searched the December 10, 2022 roll again for records at those addresses which not only lacked a unit number but were also missing a mailing address to which their otherwise undeliverable mail could be forwarded. 158,209 records were identified.

```

1 /*****
2 FILENAME: USA-OH1-02-01-ADR-Multi-Unit-Addresses-No-Unit-Number.sql
3 LAW: 1. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg-4(a)(1): "Each State shall
4 accept and use the mail voter registration application form prescribed by the Federal Election
5 Commission pursuant to section 9(a)(2) for the registration of voters in elections for Federal
6 office."
7 2. https://www.eac.gov/sites/default/files/eac\_assets/1/6/Federal\_Voter\_Registration\_ENG.pdf.
8 The National Voter Registration Application Form for U.S. Citizens, Section 2 includes "Home
9 address," "Apt. or Lot#," "City/Town," "State," and "Zip Code."
10 3. OH Rev Code § 3501.01(V) (2022) specifies that an "acknowledgement notice" is a form used by a
11 board of elections when "a voter registration applicant or an applicant ... wishes to change the
12 applicant's residence."

```

13 4. Ohio Election Official Manual (2022), p. 73: "The form of the Acknowledgment Notice is  
 14 prescribed by the Secretary of State (Form 10-J) and satisfies these requirements." The second  
 15 section of form 10-J indicates "The board of election must reject your application to register to  
 16 vote or update your registration for at least one of the following reasons: ... Address was  
 17 incomplete."

18 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file without a unit number  
 19 and without a mailing address though their residential address is a multi-unit dwelling.

20 TABLES: dbo.swvf\_121022

21 STATE FILES USED IN ANALYSIS:

- 22 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 23 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
 24 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 25 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
 26 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 27 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
 28 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 29 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
 30 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

31 RESULTS: 158,209 rows. 0:28 running time.

32 DATA OUTPUT FILE: USA-OH1-02-01-ADR-Multi-Unit-Addresses-No-Unit-Number.xlsx

33 \*\*\*\*\*/

```

34
35 SELECT SOS_VOTERID as SOSID, FIRST_NAME as FN, MIDDLE_NAME as MN, LAST_NAME as LN, RESIDENTIAL_ADDRESS1
36 as ADDRESS, RESIDENTIAL_SECONDARY_ADDR as UNIT, RESIDENTIAL_ZIP as ZIP
37 FROM dbo.SWVF_121022
38 WHERE RESIDENTIAL_ADDRESS1 + RESIDENTIAL_ZIP
39     IN
40     (
41         SELECT RESIDENTIAL_ADDRESS1 + RESIDENTIAL_ZIP
42         FROM dbo.SWVF_121022
43         WHERE RESIDENTIAL_SECONDARY_ADDR <> ''
44         GROUP BY RESIDENTIAL_ADDRESS1 + RESIDENTIAL_ZIP
45     )
46 AND RESIDENTIAL_SECONDARY_ADDR LIKE ''
47 AND MAILING_ADDRESS1 LIKE ''
48 AND MAILING_SECONDARY_ADDRESS LIKE ''
49 ORDER BY RESIDENTIAL_ADDRESS1, RESIDENTIAL_ZIP

```

Sample of the results:

SOSID	FN	MN	LN	ADDRESS	UNIT	ZIP
OH0012733	MICH.	L	DAVE.	10 BLYMYER AVE		44903
OH0026546	TAMA.	L	JENN.	10 BOTNICK PLZ		44301
OH0024554	LORE.	FAYE	NORV.	10 BRADSTREET		45459
OH0013611	MARY.	D	HISLE	10 BROWER RD		45052
OH0026566	ETHAN	MICH.	CLEV.	10 CAMBRIDGE DR		45121
OH0015503	JEFF.	LEE	HIGG.	10 CAMPBELL ST		45700

Finally, we joined the above query to a temptable of four December Ohio voter rolls (12/10/22, 12/17/22, 12/24/22, and 12/31/22) to identify which among those lacking both a unit number and a mailing address though living in a multi-unit dwelling had voted in the November 2022 general election. 41,126 records were identified.

```
1 /*****
2 FILENAME: USA-OH2-02-01-ADR-Multi-Unit-Addresses-No-Unit-Number-voted2022.sql
3 LAW: 1. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg-4(a)(1): "Each State shall
4 accept and use the mail voter registration application form prescribed by the Federal Election
5 Commission pursuant to section 9(a)(2) for the registration of voters in elections for Federal
6 office."
7 2. https://www.eac.gov/sites/default/files/eac_assets/1/6/Federal_Voter_Registration_ENG.pdf.
8 The National Voter Registration Application Form for U.S. Citizens, Section 2 includes "Home
9 address," "Apt. or Lot#," "City/Town," "State," and "Zip Code."
10 3. OH Rev Code § 3501.01(V) (2022) specifies that an "acknowledgement notice" is a form used by a
11 board of elections when "a voter registration applicant or an applicant ... wishes to change the
12 applicant's residence."
13 4. Ohio Election Official Manual (2022), p. 73: "The form of the Acknowledgment Notice is
14 prescribed by the Secretary of State (Form 10-J) and satisfies these requirements." The second
15 section of form 10-J indicates "The board of election must reject your application to register to
16 vote or update your registration for at least one of the following reasons: ... Address was
17 incomplete."
18 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file without a unit number
19 and without a mailing address though their residential address is a multi-unit dwelling; AND voted
20 in the November 2022 general election as demonstrated by the voter history for the November 2022
21 general election in at least one of the following statewide voter files: December 10, 17, 24, or
22 31, 2022.
23 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
24 STATE FILES USED IN ANALYSIS:
25 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
26 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
27 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
28 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
29 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
30 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
31 [md5 hash: f152c69d188cadd33735d36a1703f96c]
32 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
33 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
34 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
35 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
36 [md5 hash: c3691bb155787651b18587128059e122]
37 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
38 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
39 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
40 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
41 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
42 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
43 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
44 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
```

```

45         [md5 hash: af56b41e009e08405d0545a815635b69]
46     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
47         [md5 hash: bb14a788f48e158550dc507669ee4e6]
48     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
49         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
50     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
51         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
52 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
53     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
54         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
55     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
56         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
57     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
58         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
59     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
60         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
61 RESULTS: 41,126 rows. 1:37 running time.
62 DATA OUTPUT FILE: USA-0H2-02-01-ADR-Multi-Unit-Addresses-No-Unit-Number-voted2022.xlsx
63 *****/
64
65 /*Create temptable of voter history for the November 2022 general election from the December 10,
66 17, 24, and 31, 2022 OH statewide voter files.*/
67 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
68     insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
69 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
70     insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
72     insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
73 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
74
75 /*Identify those electors from the INNER JOIN who voted in the November 2022 general election.*/
76 SELECT a.SOS_VOTERID, a.GENERAL_11_08_2022,
77     b.RESIDENTIAL_ADDRESS1 + ' ' + RESIDENTIAL_ZIP as [ADDRESS],
78     b.RESIDENTIAL_SECONDARY_ADDR
79 FROM
80     (
81         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
82         FROM #voterlist
83         WHERE GENERAL_11_08_2022 like 'X'
84     ) a
85 INNER JOIN
86     /*Identify electors in the December 10, 2022 OH statewide voter file without a unit number
87     and without a mailing address though their residential address is a multi-unit dwelling.*/
88     (
89         SELECT *
90         FROM dbo.SWVF_121022
91         WHERE RESIDENTIAL_ADDRESS1 + RESIDENTIAL_ZIP
92             IN

```

```

93         (
94             SELECT RESIDENTIAL_ADDRESS1 + RESIDENTIAL_ZIP
95             FROM dbo.SWVF_121022
96             WHERE RESIDENTIAL_SECONDARY_ADDR <> ''
97             GROUP BY RESIDENTIAL_ADDRESS1 + RESIDENTIAL_ZIP
98         )
99         AND RESIDENTIAL_SECONDARY_ADDR LIKE '' AND MAILING_ADDRESS1 LIKE ''
100        AND MAILING_SECONDARY_ADDRESS LIKE ''
101    ) b
102 ON a.SOS_VOTERID=b.SOS_VOTERID
103
104 /*Delete the temptable*/
105 DROP TABLE #VoterList

```

Sample of the results:

SOS_VOT...	GENERAL_11_08_2022	ADDRESS	RESIDENTIAL_SECONDARY_ADDR
OH00199818...	X	2313 EASTCLEFT DR 4...	
OH00130627...	X	4136 STONEHENGE DR ...	
OH00262934...	X	5351 MITCHAW RD 435...	
OH00150424...	X	10220 KEMPTON AVE 4...	

## Registered on or before date of birth

Insofar as age is concerned, the law in Ohio permits citizens to register “who will be of the age of eighteen years or more at the next ensuing November election.” [ORC 3503.07 Qualification for Registration]

In our search of the December 10, 2022 statewide voter roll for combinations of registration dates and dates of birth that might reveal unlawful registrations, we found multiple apparent violations. For this section of the report, we focus on combinations of the most egregious extent: registration apparently occurred on or before the date the person was born, and in some cases even before possible conception. 59,025 records were identified.

```

1  /******
2  FILENAME: USA-OH1-03-01-IDT-Registered-0n-Or-Before-Birth.sql
3  LAW: 1. https://www.eac.gov/sites/default/files/eac\_assets/1/6/Federal\_Voter\_Registration\_ENG.pdf.
4  The National Voter Registration Application Form for U.S. Citizens, Section 4 includes “Date of
5  birth: Month, Day, Year.”
6  2. OH Rev Code § 3503.07 (2022): “Each person who will be of the age of eighteen years or more at
7  the next ensuing November election ... shall ... be entitled to be registered as an elector.”
8  3. Ohio Election Official Manual (2022), p. 86: “In entering a registration date into the voter
9  registration system, a person is not considered to be registered until the valid voter registration
10 form has been received, which may or may not be the same as the date the applicant completed or
11 signed the form.”
12 4. Registering on or before the day of one's birth is contrary to law and logically impossible.
13 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose registration
14 date was on or before their date of birth.
15 TABLES: dbo.swvf_121022

```



```

16 STATE FILES USED IN ANALYSIS:
17 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
18     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
19         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
20     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
21         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
22     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
23         [md5 hash: f152c69d188cadd33735d36a1703f96c]
24     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
25         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

```

```

26 RESULTS: 59,025 rows. 0:03 running time.
27 DATA OUTPUT FILE: USA-OH1-03-01-IDT-Registered-0n-0r-Before-Birth.xlsx

```

```

28 *****/

```

```

30 SELECT SOS_VOTERID, DATE_OF_BIRTH, REGISTRATION_DATE
31        , DATEDIFF(DAY,DATE_OF_BIRTH,REGISTRATION_DATE) as [Age in Days at Registration]
32 FROM dbo.SWVF_121022
33 WHERE REGISTRATION_DATE <= DATE_OF_BIRTH
34 ORDER BY [Age in Days at Registration] desc

```

Sample of the results:

SOS_VO..	DATE_OF_BIRTH	REGISTRATION_DATE	Age in Days at Registration
OH0017825..	1941-06-29	1940-10-20	-252
OH0014592..	1971-05-03	1970-08-06	-270
OH0026660..	2003-06-14	2002-09-16	-271
OH0015477..	1976-07-08	1975-09-30	-282
OH0026318..	2003-09-13	2002-09-06	-372
OH0017310..	1978-02-25	1977-01-01	-420
OH0011874..	1970-03-03	1969-01-01	-426

Which of these voted in the November 2022 general election? To answer, as elsewhere, we joined the foundational query to a temptable of four December Ohio voter rolls (12/10/22, 12/17/22, 12/24/22, and 12/31/22). 48,957 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-03-01-IDT-Registered-0n-0r-Before-Birth-voted2022.sql
3  LAW: 1. https://www.eac.gov/sites/default/files/eac\_assets/1/6/Federal\_Voter\_Registration\_ENG.pdf.
4  The National Voter Registration Application Form for U.S. Citizens, Section 4 includes "Date of
5  birth: Month, Day, Year."
6  2. OH Rev Code § 3503.07 (2022): "Each person who will be of the age of eighteen years or more at
7  the next ensuing November election ... shall ... be entitled to be registered as an elector."
8  3. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
9  registration system, a person is not considered to be registered until the valid voter registration
10 registration form has been received, which may or may not be the same as the date the applicant completed or
11 signed the form."
12 4. Registering on or before the day of one's birth is contrary to law and logically impossible.
13 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose registration date
14 was on or before their date of birth AND voted in the November 2022 general election as

```

```

15 demonstrated by the voter history for the November 2022 general election in at least one of the
16 following statewide voter files: December 10, 17, 24, or 31, 2022.
17 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
18 STATE FILES USED IN ANALYSIS:
19 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
20     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
21         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
22     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
23         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
24     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
25         [md5 hash: f152c69d188cadd33735d36a1703f96c]
26     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
27         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
28 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
29     a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
30         [md5 hash: c3691bb155787651b18587128059e122]
31     b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
32         [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
33     c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
34         [md5 hash: cf7ec4123d1e60804edb74866077d55c]
35     d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
36         [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
37 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
38     a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
39         [md5 hash: af56b41e009e08405d0545a815635b69]
40     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
41         [md5 hash: bb14a788f48e158550dc507669ee4e6]
42     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
43         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
44     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
45         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
46 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
47     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
48         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
49     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
50         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
51     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
52         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
53     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
54         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
55 RESULTS: 48,957 rows. 0:55 running time.
56 DATA OUTPUT FILE: USA-OH2-03-01-IDT-Registered-0n-0r-Before-Birth-voted2022.xlsx
57 *****/
58
59 /*Create temptable of voter history for the November 2022 general election from the December 10,
60 17, 24, and 31, 2022 OH statewide voter files.*/
61 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
62

```

```

63 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
64 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
65
66 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
67 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
68
69 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
70 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
71
72 /*Identify those electors from the INNER JOIN who voted in the November 2022 general election.*/
73 SELECT a.SOS_VOTERID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.DATE_OF_BIRTH
74     , DATEDIFF(DAY,DATE_OF_BIRTH,REGISTRATION_DATE) as [Age in Days at Registration]
75 FROM
76     (
77     SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
78     FROM #voterlist
79     WHERE GENERAL_11_08_2022 like 'X'
80     ) a
81 INNER JOIN
82     /*Identify electors in the December 10, 2022 OH statewide voter file whose registration date
83     was on or before their date of birth */
84     (
85     SELECT SOS_VOTERID, DATE_OF_BIRTH, REGISTRATION_DATE, DATEDIFF(DAY,DATE_OF_BIRTH
86     , REGISTRATION_DATE) as [Age in Days at Registration]
87     FROM dbo.SWVF_121022
88     WHERE REGISTRATION_DATE <= DATE_OF_BIRTH
89     ) b
90 ON a.SOS_VOTERID=b.SOS_VOTERID
91
92
93 /*Delete the temptable*/
94 DROP TABLE #VoterList

```

Sample of the results:

SOS_VO_	GENERAL_11_08_2022	REGISTRATION_DATE	DATE_OF_BIRTH	Age in Days at Registration
OH00147104...	X	1964-08-20	1965-12-12	-479
OH00141524...	X	1964-09-23	1964-10-23	-30
OH00148057...	X	1965-06-04	1965-07-03	-29
OH00157134...	X	1967-04-06	1967-04-06	0
OH00149191...	X	1967-08-23	1970-05-28	-1009

## Registered after the deadline to vote in the 2022 GE yet voted

By Ohio law, “No person shall be entitled to vote at any election, unless the person is registered as an elector and will have resided in the county and precinct where the person is registered for at least thirty days at the time of the next election.” [ORC 3503.06(A)] Additionally, because the thirtieth day before a Tuesday election necessarily falls on a Sunday, the state’s Election Official Manual (2022-02, p. 89) specifies that when this occurs: “the voter registration deadline carries over to the next business day, Monday, which is the 29th day before the election. If that

Monday is a legal holiday (e.g., Columbus Day), the deadline carries over to Tuesday, which is the 28th day before the election.” The deadline to register to vote in the November 2022 general election was Tuesday, October 11, 2022.

The following query searched the December 10, 2022 statewide voter file for records with registration dates after October 11, 2022. 95,490 records were identified.

```
1 SELECT *
2 FROM dbo.SWVF_121022
3 WHERE REGISTRATION_DATE > '2022-10-11'
```

Sample of the results:

SOSID	LN	REGISTRATION_DATE
OH0024825...	KLEIB...	2022-11-28
OH0024860...	HOUC...	2022-11-18
OH0012672...	BACKE...	2022-11-02
OH0026722...	TIKKA...	2022-10-24
OH0026724...	SCHAF...	2022-11-16

To identify those who voted in the November 2022 general election despite failing to register by the deadline, we joined the foundational query above to a temptable of four December Ohio voter rolls (12/10/22, 12/17/22, 12/24/22, and 12/31/22). 49,362 records were identified.

```
1 /*****
2 FILENAME: USA-OH2-04-01-RDT-Registered-After-Legal-Cutoff-Date-voted2022.sql
3 LAW: Ohio Election Official Manual (2022), p. 89: “To be eligible to vote in an election, an
4 individual must be registered to vote in Ohio for the 30 days immediately prior to the election.
5 Note that the 30th day before an election always is a Sunday. Consequently, the voter
6 registration deadline carries over to the next business day, Monday, which is the 29th day before
7 the election. If that Monday is a legal holiday (e.g., Columbus Day), the deadline carries over
8 to Tuesday, which is the 28th day before the election.” The last day to register to vote in the
9 2022 GE in Ohio was Tuesday, October 11, 2022.
10 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose registration
11 date was after the legal cutoff date to vote in the 2022 general election YET voted in the
12 November 2022 GE as demonstrated by the voter history for the November 2022 general election in
13 at least one of the following statewide voter files: December 10, 17, 24, or 31, 2022.
14 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
15 STATE FILES USED IN ANALYSIS:
16 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
17 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
18 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
19 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
20 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
21 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
22 [md5 hash: f152c69d188cadd33735d36a1703f96c]
23 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
24 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
25 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
```

```

26     a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
27         [md5 hash: c3691bb155787651b18587128059e122]
28     b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
29         [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
30     c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
31         [md5 hash: cf7ec4123d1e60804edb74866077d55c]
32     d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
33         [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
34 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
35     a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
36         [md5 hash: af56b41e009e08405d0545a815635b69]
37     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
38         [md5 hash: bb14a788f48e158550dc507669ee4e6]
39     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
40         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
41     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
42         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
43 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
44     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
45         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
46     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
47         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
48     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
49         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
50     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
51         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
52 RESULTS: 49,362 rows. 2:51 running time.
53 DATA OUTPUT FILE: USA-0H2-04-01-RDT-Registered-After-Legal-Cutoff-Date-voted2022.xlsx
54 *****/
55
56 /*Create temptable of voter history for the November 2022 general election from the December 10,
57 17, 24, and 31, 2022 OH statewide voter files.*/
58 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
59
60 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
61 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
62
63 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
64 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
65
66 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
67 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
68
69 /*Identify those electors from the INNER JOIN who voted in the November 2022 general election.*/
70 SELECT a.SOS_VOTERID as SOSID, b.LAST_NAME as LN, a.GENERAL_11_08_2022, b.REGISTRATION_DATE
71 FROM
72 (
73     SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022

```

```

74         FROM #voterlist
75         WHERE GENERAL_11_08_2022 like 'X'
76     ) a
77 INNER JOIN
78     /*Identify electors in the December 10, 2022 OH statewide voter file whose registration
79     date was after the legal cutoff date to vote in the 2022 general election.*/
80     (
81         SELECT *
82         FROM dbo.SWVF_121022
83         WHERE REGISTRATION_DATE > '2022-10-11'
84     ) b
85 ON a.SOS_VOTERID=b.SOS_VOTERID
86
87 /*Delete the temptable*/
88 DROP TABLE #VoterList

```

Sample of the results:

SOSID	LN	GENERAL_11_08_2022	REGISTRATION_DATE
OH0026726...	GARZA	X	2022-11-08
OH0026675...	SHAB...	X	2022-10-13
OH0022721...	SLAU...	X	2022-11-08
OH0024198...	CHAR...	X	2022-11-08
OH0026731...	KUD	X	2022-10-20

Age discrepant registrants (more than 115yo or registered before legally permitted age)

Electors Older Than 115 Years Old

On November 13, 2022 (five days after the November 2022 general election), the oldest living person in the United States, according to the website *Insider.com*, was born November 7, 1907 [<https://www.insider.com/the-oldest-living-person-in-america-just-turned-115-year-old-2022-11>].

Using the following query, we searched the December 10, 2022 statewide voter file for records of persons who i) on November 8, 2022 (the day of the general election) were more than 115 years old; ii) were not born on January 1, 1900; and iii) were not born on January 1, 1800. 63 records were identified.

```

1  /******
2  FILENAME: USA-OH1-05-01-DOB-Age-More-Than-115yo.sql
3  LAW/CONTEXT: https://www.weforum.org/agenda/2022/04/the-oldest-people-in-the-world/. The oldest living
4  person in the United States in 2022 was 115 years old.
5  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who were more than 115
6  years old at the time and were born neither on 1900-01-01 nor 1800-01-01.
7  TABLES: dbo.swvf_121022
8  STATE FILES USED IN ANALYSIS:
9  1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
10     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
11     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]

```

- 12 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
- 13 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
- 14 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
- 15 [md5 hash: f152c69d188cadd33735d36a1703f96c]
- 16 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
- 17 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

18 RESULTS: 65 rows. 0:01 running time.

19 DATA OUTPUT FILE: USA-OH1-05-01-DOB-Age-More-Than-115yo.xlsx

20 \*\*\*\*\*/

```

21
22 SELECT SOS_VOTERID as SOSID, DATE_OF_BIRTH
23     , DATEDIFF(YEAR,DATE_OF_BIRTH,'2022-11-08') as [Age on 11/08/2022]
24 FROM dbo.SWVF_121022
25 WHERE DATE_OF_BIRTH < DATEADD(YEAR,-115,'2022-11-08')
26     AND DATE_OF_BIRTH <> '1900-01-01'
27     AND DATE_OF_BIRTH <> '1800-01-01'
28 ORDER BY [Age on 11/08/2022] DESC

```

Sample of the results:

SOSID	DATE_OF_BIRTH	Age on 11/08/2022
OH0021597...	1886-01-19	136
OH0012633...	1900-11-13	122
OH0026056...	1900-08-30	122
OH0012039...	1900-01-02	122
OH0025507...	1900-01-18	122

Finally, using the following query that joined the foundational query above to a temtable of four December Ohio voter rolls (12/10/22, 12/17/22, 12/24/22, and 12/31/22), we searched for electors who voted in the November 2022 general election despite being 115 or more years old at the time, and specifically excluded electors born on January 1, 1900 or January 1, 1800. 17 records were identified.

```

1  /******
2  FILENAME: USA-OH2-05-01-DOB-Age-More-Than-115yo-voted2022.sql
3  LAW/CONTEXT: https://www.weforum.org/agenda/2022/04/the-oldest-people-in-the-world/. The oldest living
4  person in the United States in 2022 was 115 years old.
5  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who were more than 115
6  years old and born neither on 1900-01-01 nor 1800-01-01 AND voted in the November 2022 GE as
7  demonstrated by the voter history for the November 2022 general election in at least one of the
8  following statewide voter files: December 10, 17, 24, or 31, 2022.
9  TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
10 STATE FILES USED IN ANALYSIS:
11 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
12   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
13     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
14   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
15     [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
16   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
17     [md5 hash: f152c69d188cadd33735d36a1703f96c]

```

```

18     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
19       [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
20 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
21   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
22     [md5 hash: c3691bb155787651b18587128059e122]
23   b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
24     [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
25   c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
26     [md5 hash: cf7ec4123d1e60804edb74866077d55c]
27   d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
28     [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
29 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
30   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
31     [md5 hash: af56b41e009e08405d0545a815635b69]
32   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
33     [md5 hash: bb14a788f48e158550dc507669ee4e6]
34   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
35     [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
36   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
37     [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
38 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
39   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
40     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
41   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
42     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
43   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
44     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
45   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
46     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
47 RESULTS: 17 rows. 1:39 running time.
48 DATA OUTPUT FILE: USA-OH2-05-01-DOB-Age-More-Than-115yo-voted2022.xlsx
49 *****/
50
51 /*Create temptable of voter history for the November 2022 general election from the December 10,
52 17, 24, and 31, 2022 OH statewide voter files.*/
53 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
54
55 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
56 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
57
58 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
59 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
60
61 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
62 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
63
64 /*Identify those electors from the INNER JOIN who voted in the November 2022 general election.*/
65 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.DATE_OF_BIRTH, b.[Age on 11/08/2022]

```



```

66 FROM
67     (
68         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
69         FROM #voterlist
70         WHERE GENERAL_11_08_2022 like 'X'
71     ) a
72 INNER JOIN
73     /*Identify electors in the December 10, 2022 OH statewide voter file who were more than 115
74     years old and born neither on 1900-01-01 nor 1800-01-01.*/
75     (
76         SELECT SOS_VOTERID, DATE_OF_BIRTH
77         , DATEDIFF(YEAR,DATE_OF_BIRTH,'2022-11-08') as [Age on 11/08/2022]
78         FROM dbo.SWVF_121022
79         WHERE DATE_OF_BIRTH < DATEADD(YEAR,-115,'2022-11-08')
80         AND DATE_OF_BIRTH <> '1900-01-01'
81         AND DATE_OF_BIRTH <> '1800-01-01'
82     ) b
83 ON a.SOS_VOTERID=b.SOS_VOTERID
84
85 /*Delete the temptable*/
86 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	DATE_OF_BIRTH	Age (Yrs) on 11/08/2022
OH0015753...	X	1900-05-25	122
OH0015755...	X	1904-03-04	118
OH0017233...	X	1906-08-15	116
OH0014649...	X	1905-12-17	117
OH0010171...	X	1906-12-30	116

## Electors Born on January 1, 1900

It appears that in Ohio that either there are impossibly old electors in the voter rolls or there are records in the voter rolls for which state and county election officials do not know the date of birth. Using the query below, we searched Ohio's December 10, 2022 statewide voter roll for electors with a birth date of "1900-01-01," which if actual made the elector 122 years old at the time of the November 2022 general election. 99 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-05-05-DOB-Birthdate-1900-01-01.sql
3  LAW/CONTEXT: https://www.weforum.org/agenda/2022/04/the-oldest-people-in-the-world/. The oldest living
4  person in the United States in 2022 was 115 years old. Having a birthdate of 1900-01-01
5  makes one impossibly old at the time of the November 2022 general election.
6  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a birth date of
7  "1900-01-01."
8  TABLES: dbo.swvf_121022
9  STATE FILES USED IN ANALYSIS:
10  1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
11     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz

```

```

12      [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
13      b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
14      [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
15      c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
16      [md5 hash: f152c69d188cadd33735d36a1703f96c]
17      d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
18      [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
19 RESULTS: 99 rows. 0:01 running time.
20 DATA OUTPUT FILE: USA-OH1-05-05-DOB-Birthdate-1900-01-01.xlsx
21 *****/
22
23 SELECT SOS_VOTERID as SOSID
24      , DATE_OF_BIRTH
25      , REGISTRATION_DATE
26      , Datediff(year,REGISTRATION_DATE,DATE_OF_BIRTH) as [Age in Yrs at Registration]
27 FROM dbo.SWVF_121022
28 WHERE DATE_OF_BIRTH = '1900-01-01'

```

Sample of the results:

SOSID	DATE_OF_BIRTH	REGISTRATION_DATE	Age in Yrs at 11/08/2022
OH0026074...	1900-01-01	2020-11-03	122
OH0026377...	1900-01-01	2021-12-20	122
OH0011860...	1900-01-01	1967-05-18	122
OH0010337...	1900-01-01	1968-09-25	122
OH0022687...	1900-01-01	2014-01-07	122

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a birth date of January 1, 1900 who voted in the November 2022 general election. 28 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-05-05-DOB-Birthdate-1900-01-01-voted2022.sql
3  LAW/CONTEXT: https://www.weforum.org/agenda/2022/04/the-oldest-people-in-the-world/. The oldest living
4  person in the United States in 2022 was 115 years old. Having a birthdate of 1800-01-01
5  makes one impossibly old at the time of the November 2022 general election.
6  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a birth date of
7  "1900-01-01" AND voted in the November 2022 GE as demonstrated by the voter history for the November
8  2022 general election in at least one of the following statewide voter files: December 10, 17, 24,
9  or 31, 2022.
10 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
11 STATE FILES USED IN ANALYSIS:
12 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
13      a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
14      [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
15      b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
16      [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
17      c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
18      [md5 hash: f152c69d188cadd33735d36a1703f96c]

```

```

19     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
20       [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
21 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
22   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
23     [md5 hash: c3691bb155787651b18587128059e122]
24   b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
25     [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
26   c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
27     [md5 hash: cf7ec4123d1e60804edb74866077d55c]
28   d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
29     [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
30 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
31   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
32     [md5 hash: af56b41e009e08405d0545a815635b69]
33   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
34     [md5 hash: bb14a788f48e158550dc507669ee4e6]
35   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
36     [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
37   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
38     [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
39 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
40   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
41     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
42   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
43     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
44   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
45     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
46   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
47     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
48 RESULTS: 28 rows. 0:57 running time.
49 DATA OUTPUT FILE: USA-OH2-05-05-DOB-Birthdate-1900-01-01-voted2022.xlsx
50 *****/
51
52 /*Create temptable of voter history for the November 2022 general election from the December 10,
53 17, 24, and 31, 2022 OH statewide voter files.*/
54 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
55
56 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
57 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
58
59 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
60 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
61
62 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
63 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
64
65 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/

```

```

66 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.DATE_OF_BIRTH, b.REGISTRATION_DATE, b.[Age in
67 Yrs at 11/08/2022]
68 FROM
69 (
70     SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
71     FROM #voterlist
72     WHERE GENERAL_11_08_2022 like 'X'
73 ) a
74 INNER JOIN
75 /*Identify electors in the Decembner 10, 2022 OH statewide voter file with a birth date of
76 "1900-01-01."*/
77 (
78     SELECT SOS_VOTERID
79           , DATE_OF_BIRTH
80           , REGISTRATION_DATE
81           , Datediff(year,DATE_OF_BIRTH,'2022-11-08') as [Age in Yrs at 11/08/2022]
82     FROM dbo.SWVF_121022
83     WHERE DATE_OF_BIRTH = '1900-01-01'
84 ) b
85 ON a.SOS_VOTERID=b.SOS_VOTERID
86
87 /*Delete the temptable*/
88 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	DATE_OF_BIRTH	REGISTRATION_DATE	Age in Yrs at 11/08/2022
OH0010335...	X	1900-01-01	1968-09-25	122
OH0017231...	X	1900-01-01	1977-01-01	122
OH0011826...	X	1900-01-01	1967-05-24	122
OH0011829...	X	1900-01-01	1968-09-17	122
OH0010233...	X	1900-01-01	1972-06-22	122

## Electors Born on January 1, 1800

In addition to electors with 1900-01-01 dates of birth, it appears that in Ohio that either there are impossibly yet older electors in the voter rolls or there are records in the voter rolls for which state and county election officials do not know the date of birth. Using the query below, we searched Ohio's December 10, 2022 statewide voter roll for electors with a birth date of "1800-01-01," which if actual made the elector 222 years old at the time of the November 2022 general election. 644 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-05-04-DOB-Birthdate-1800-01-01.sql
3  LAW/CONTEXT: https://www.weforum.org/agenda/2022/04/the-oldest-people-in-the-world/. The oldest living
4  person in the United States in 2022 was 115 years old. Having a birthdate of 1800-01-01
5  makes one impossibly old at the time of the November 2022 general election.
6  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a birth date of
7  "1800-01-01."

```

```

8 TABLES: dbo.swvf_121022
9 STATE FILES USED IN ANALYSIS:
10 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
11     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
12        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
13     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
14        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
15     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
16        [md5 hash: f152c69d188cadd33735d36a1703f96c]
17     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
18        [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
19 RESULTS: 644 rows. 0:01 running time.
20 DATA OUTPUT FILE: USA-OH1-05-04-DOB-Birthdate-1800-01-01.xlsx
21 *****/
22
23 SELECT SOS_VOTERID as SOSID
24        , DATE_OF_BIRTH
25        , REGISTRATION_DATE
26        , Datediff(year, DATE_OF_BIRTH, '2022-11-08') as [Age in Yrs at 11/08/2022]
27 FROM dbo.SWVF_121022
28 WHERE DATE_OF_BIRTH = '1800-01-01'

```

Sample of the results:

SOSID	DATE_OF_BIRTH	REGISTRATION_DATE	Age in Yrs at 11/08/2022
OH0017215...	1800-01-01	1977-01-01	222
OH0017263...	1800-01-01	1977-01-01	222
OH0017293...	1800-01-01	1977-01-01	222
OH0017295...	1800-01-01	1977-01-01	222
OH0017217...	1800-01-01	1977-01-01	222

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a birth date of January 1, 1800 who voted in the November 2022 general election. 45 records were identified.

```

1 /*****
2 FILENAME: USA-OH2-05-04-DOB-Birthdate-1800-01-01-voted2022.sql
3 LAW/CONTEXT: https://www.weforum.org/agenda/2022/04/the-oldest-people-in-the-world/. The oldest living
4 person in the United States in 2022 was 115 years old. Having a birthdate of 1800-01-01
5 makes one impossibly old at the time of the November 2022 general election.
6 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a birth date of
7 "1800-01-01" AND voted in the November 2022 GE as demonstrated by the voter history for the
8 November 2022 general election in at least one of the following statewide voter files: December 10,
9 17, 24, or 31, 2022.
10 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
11 STATE FILES USED IN ANALYSIS:
12 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
13     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
14        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]

```

```

15     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
16       [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
17     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
18       [md5 hash: f152c69d188cadd33735d36a1703f96c]
19     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
20       [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
21 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
22   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
23     [md5 hash: c3691bb155787651b18587128059e122]
24   b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
25     [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
26   c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
27     [md5 hash: cf7ec4123d1e60804edb74866077d55c]
28   d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
29     [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
30 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
31   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
32     [md5 hash: af56b41e009e08405d0545a815635b69]
33   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
34     [md5 hash: bb14a788f48e1585500dc507669ee4e6]
35   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
36     [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
37   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
38     [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
39 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
40   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
41     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
42   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
43     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
44   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
45     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
46   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
47     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]

```

48 RESULTS: 45 rows. 0:57 running time.

49 DATA OUTPUT FILE: USA-OH2-05-04-DOB-Birthdate-1800-01-01-voted2022.xlsx

50 \*\*\*\*\*/

```

51
52 /*Create temptable of voter history for the November 2022 general election from the December 10,
53 17, 24, and 31, 2022 OH statewide voter files.*/
54 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
55
56 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
57 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
58
59 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
60 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
61
62 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)

```

```

63 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
64
65 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
66 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.DATE_OF_BIRTH, b.[Age in Yrs at 11/08/2022]
67 FROM
68     (
69         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
70         FROM #voterlist
71         WHERE GENERAL_11_08_2022 like 'X'
72     ) a
73 INNER JOIN
74     /*Identify electors in the December 10, 2022 OH statewide voter file with a birth date of
75     "1800-01-01."*/
76     (
77         SELECT SOS_VOTERID
78         , DATE_OF_BIRTH
79         , REGISTRATION_DATE
80         , Datediff(year, DATE_OF_BIRTH, '2022-11-08') as [Age in Yrs at 11/08/2022]
81         FROM dbo.SWVF_121022
82         WHERE DATE_OF_BIRTH = '1800-01-01'
83     ) b
84 ON a.SOS_VOTERID=b.SOS_VOTERID
85
86 /*Delete the temptable*/
87 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	DATE_OF_BIRTH	Age in Yrs at 11/08/2022
OH0017789...	X	1800-01-01	222
OH0018394...	X	1800-01-01	222
OH0018399...	X	1800-01-01	222
OH0015795...	X	1800-01-01	222
OH0018446...	X	1800-01-01	222

1 Registered at 17yo but Failed to Turn 18 by the Ensuing General Election

Regarding age, Ohio law permits persons to register to vote “who will be of the age of eighteen years or more at the next ensuing November election” (ORC 3503.07). A search of the December 10, 2022 voter roll identified 58 records of individuals who, during the year prior to the November 8, 2022 general election, were seventeen years old but did not reach their eighteenth birthday by the ensuing November election as required by law.

```

1  /*****
2  FILENAME: USA-OH1-05-02-DOB-Registered-at-17-But-Did-Not-Reach-18-By-GE.sql
3  LAW: OH Rev Code § 3503.07 (2022): “Each person who will be of the age of eighteen years or more
4  at the next ensuing November election ... shall ... be entitled to be registered as an elector.”
5  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered when
6  they were 17 years and did so by the October 11, 2022 deadline, but failed to turn 18 by the 2022

```

```

7 general election.
8 TABLES: dbo.swvf_121022
9 STATE FILES USED IN ANALYSIS:
10 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
11     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
12        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
13     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
14        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
15     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
16        [md5 hash: f152c69d188cadd33735d36a1703f96c]
17     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
18        [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
19 RESULTS: 58 rows. 0:01 running time.
20 DATA OUTPUT FILE: USA-OH1-05-02-DOB-Registered-at-17-But-Did-Not-Reach-18-By-GE.sql
21 *****/
22
23 SELECT SOS_VOTERID AS SOSID
24        , DATE_OF_BIRTH
25        , Dateadd(YEAR,17,DATE_OF_BIRTH) as [17th birthday]
26        , REGISTRATION_DATE
27        , DATEADD(year,18,DATE_OF_BIRTH) as [18th birthday]
28        , DATEDIFF(DAY,'11-8-2022',DATEADD(year,18,DATE_OF_BIRTH)) as [Days from Eligibility]
29        , VOTER_STATUS
30 FROM dbo.SWVF_121022
31 WHERE REGISTRATION_DATE >= Dateadd(YEAR,17,DATE_OF_BIRTH)
32        AND REGISTRATION_DATE <= '10-11-2022'
33        AND DATEADD(YEAR,18,DATE_OF_BIRTH) > '11-08-2022'
34 ORDER BY DATEDIFF(DAY,'11-8-2022',DATEADD(year,18,DATE_OF_BIRTH)) ASC

```

Sample of the results:

SOSID	DATE_OF_BIRTH	17th birthday	REGISTRATION_DATE	18th birthday	Days from Eligibility	VOTER_STATUS
OH0026679...	2005-04-09	2022-04-09	2022-10-07	2023-04-09	152	ACTIVE
OH0026736...	2005-04-18	2022-04-18	2022-10-06	2023-04-18	161	ACTIVE
OH0026702...	2005-04-27	2022-04-27	2022-10-07	2023-04-27	170	ACTIVE
OH0026679...	2005-05-03	2022-05-03	2022-10-07	2023-05-03	176	ACTIVE
OH0026702...	2005-05-19	2022-05-19	2022-10-07	2023-05-19	192	ACTIVE

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors who registered during the year prior to the November 2022 general election at the age of seventeen but did not reach their eighteenth birthday by election day (November 8), but nevertheless voted. 1 record was identified.

```

1 /*****
2 FILENAME: USA-OH2-05-02-DOB-Registered-at-17-But-Did-Not-Reach-18-By-GE-voted2022.sql
3 LAW: OH Rev Code § 3503.07 (2022): "Each person who will be of the age of eighteen years or more
4 at the next ensuing November election ... shall ... be entitled to be registered as an elector."
5 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered when
6 they were 17 years and did so by the October 11, 2022 deadline, but failed to turn 18 by the 2022

```



7 general election YET voted in the November 2022 GE as demonstrated by the voter history for the  
8 November 2022 general election in at least one of the following statewide voter files: December 10,  
9 17, 24, or 31, 2022.

10 TABLES: dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

11 STATE FILES USED IN ANALYSIS:

- 12 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 13 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
14 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 15 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
16 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 17 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
18 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 19 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
20 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 21 2. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 22 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
23 [md5 hash: c3691bb155787651b18587128059e122]
  - 24 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
25 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 26 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
27 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 28 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
29 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 30 3. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 31 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
32 [md5 hash: af56b41e009e08405d0545a815635b69]
  - 33 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
34 [md5 hash: bb14a788f48e158550dc507669ee4e6]
  - 35 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
36 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
  - 37 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz  
38 [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
- 39 4. December 31, 2022 Statewide Voter File [dbo.swvf\_123122]
  - 40 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz  
41 [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
  - 42 b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz  
43 [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
  - 44 c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz  
45 [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
  - 46 d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz  
47 [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]

48 RESULTS: 1 row. 1:14 running time.

49 DATA OUTPUT FILE: USA-OH2-05-02-D0B-Registered-at-17-But-Did-Not-Reach-18-By-GE-voted2022.xlsx

50 \*\*\*\*\*/

51  
52 /\*Create temptable of voter history for the November 2022 general election from the December 10,  
53 17, 24, and 31, 2022 OH statewide voter files.\*/  
54 select SOS\_VOTERID, GENERAL\_11\_08\_2022, '2022-12-10' as SWVF\_DATE into #VoterList from SWVF\_121022

```

55
56 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
57 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
58
59 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
60 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
61
62 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
63 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
64
65 /*Identify those electors from the INNER JOIN who voted in the November 2022 general election.*/
66 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.DATE_OF_BIRTH, b.[Date of 17th birthday]
67     , b.REGISTRATION_DATE, b.[Date of 18th birthday], b.[Days from Eligibility]
68 FROM
69     (
70         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
71         FROM #voterlist
72         WHERE GENERAL_11_08_2022 like 'X'
73     ) a
74 INNER JOIN
75     /*Identify electors in the December 10, 2022 OH statewide voter file who registered when
76     they were 17 years and did so by the October 11, 2022 deadline, but failed to turn 18 by the 2022
77     general election.*/
78     (
79         SELECT SOS_VOTERID
80             , DATE_OF_BIRTH
81             , Dateadd(YEAR,17,DATE_OF_BIRTH) as [Date of 17th birthday]
82             , REGISTRATION_DATE
83             , DATEADD(year,18,DATE_OF_BIRTH) as [Date of 18th birthday]
84             , DATEDIFF(DAY,'11-8-2022', DATEADD(year,18,DATE_OF_BIRTH)) as [Days from Eligibility]
85             , VOTER_STATUS
86         FROM dbo.SWVF_121022
87         WHERE REGISTRATION_DATE >= Dateadd(YEAR,17,DATE_OF_BIRTH)
88             AND REGISTRATION_DATE <= '10-11-2022'
89             AND DATEADD(YEAR,18,DATE_OF_BIRTH) > '11-08-2022'
90     ) b
91 ON a.SOS_VOTERID=b.SOS_VOTERID
92
93 /*Delete the temptable*/
94 DROP TABLE #VoterList

```

The result:

SOSID	GENERAL_11_08_2022	DATE_OF_BIRTH	Date of 17th birthday	REGISTRATION_DATE	Date of 18th birthday	Days from Eligibility
OH0026671...	X	2004-12-30	2021-12-30	2022-10-04	2022-12-30	52

## Registered Before the Age of 17 (but after birth)

A search of the December 10, 2022 voter roll identified 3,277 records of individuals who registered prior to their seventeenth birthday, contrary to Ohio law.

```

1  /*****
2  FILENAME: USA-OH1-05-03-DOB-Registered-Before-17-But-After-Birth.sql
3  LAW: OH Rev Code § 3503.07 (2022): "Each person who will be of the age of eighteen years or more
4  at the next ensuing November election ... shall ... be entitled to be registered as an elector."
5  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered before
6  their 17th birthday (but after birth).
7  TABLES: dbo.swvf_121022
8  STATE FILES USED IN ANALYSIS:
9  1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
10     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
11        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
12     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
13        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
14     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
15        [md5 hash: f152c69d188cadd33735d36a1703f96c]
16     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
17        [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
18 RESULTS: 3,277 rows. 0:07 running time.
19 DATA OUTPUT FILE: USA-OH1-05-03-DOB-Registered-Before-17-But-After-Birth.xlsx
20 *****/
21
22 SELECT SOS_VOTERID as SOSID
23     , DATE_OF_BIRTH
24     , DATEADD(YEAR,17,DATE_OF_BIRTH) AS [17th Birthday]
25     , REGISTRATION_DATE
26     , Datediff(dd,DATE_OF_BIRTH,REGISTRATION_DATE)/365.25 as [Age (Yrs) at Reg]
27     , VOTER_STATUS
28 FROM dbo.SWVF_121022
29 WHERE REGISTRATION_DATE < DATEADD(YEAR,17,DATE_OF_BIRTH)
30     AND REGISTRATION_DATE > DATE_OF_BIRTH

```

Sample of the results:

SOSID	DATE_OF_BIRTH	17th Birthday	REGISTRATION_DATE	Age (Yrs) at Reg	VOTER_STATUS
OH0010346...	1952-01-27	1969-01-27	1961-07-15	9.464750	CONFIRMATION
OH0011584...	1969-05-10	1986-05-10	1978-04-30	8.971937	ACTIVE
OH0023605...	1995-01-20	2012-01-20	2000-09-13	5.648186	ACTIVE
OH0026008...	2000-08-22	2017-08-22	2000-10-05	0.120465	ACTIVE
OH0010084...	1960-03-18	1977-03-18	1975-04-18	15.082819	ACTIVE

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors who registered prior to the age of seventeen and voted in the November 2022 general election. 1,545 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-05-03-DOB-Registered-Before-17-But-After-Birth-voted2022.sql
3  LAW: OH Rev Code § 3503.07 (2022): "Each person who will be of the age of eighteen years or more
4  at the next ensuing November election ... shall ... be entitled to be registered as an elector."
5  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered before
6  their 17th birthday (but after birth) AND voted in the November 2022 GE as demonstrated by the
7  voter history for the November 2022 general election in at least one of the following statewide
8  voter files: December 10, 17, 24, or 31, 2022.
9  TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
10 STATE FILES USED IN ANALYSIS:
11 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
12   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
13      [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
14   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
15      [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
16   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
17      [md5 hash: f152c69d188cadd33735d36a1703f96c]
18   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
19      [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
20 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
21   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
22      [md5 hash: c3691bb155787651b18587128059e122]
23   b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
24      [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
25   c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
26      [md5 hash: cf7ec4123d1e60804edb74866077d55c]
27   d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
28      [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
29 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
30   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
31      [md5 hash: af56b41e009e08405d0545a815635b69]
32   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
33      [md5 hash: bb14a788f48e158550dc507669ee4e6]
34   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
35      [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
36   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
37      [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
38 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
39   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
40      [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
41   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
42      [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
43   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
44      [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
45   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
46      [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
47 RESULTS: 1,545 rows. 1:31 running time.
48 DATA OUTPUT FILE: USA-OH2-05-03-DOB-Registered-Before-17-But-After-Birth-voted2022.xlsx

```

```

49  *****/
50
51  /*Create temptable of voter history for the November 2022 general election from the December 10,
52  17, 24, and 31, 2022 OH statewide voter files.*/
53  select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
54
55  insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
56  select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
57
58  insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
59  select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
60
61  insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
62  select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
63
64  /*Identify those electors from the INNER JOIN who voted in the November 2022 general election.*/
65  SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.DATE_OF_BIRTH, b.[17th Birthday],
66  b.REGISTRATION_DATE
67  , b.[Age (Yrs) at Reg]
68  FROM
69  (
70  SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
71  FROM #voterlist
72  WHERE GENERAL_11_08_2022 like 'X'
73  ) a
74  INNER JOIN
75  /*Identify electors in the December 10, 2022 OH statewide voter file who registered before
76  their 17th birthday (but after birth).*/
77  (
78  SELECT SOS_VOTERID
79  , DATE_OF_BIRTH
80  , DATEADD(YEAR,17,DATE_OF_BIRTH) AS [17th Birthday]
81  , REGISTRATION_DATE
82  , Datediff(dd,DATE_OF_BIRTH,REGISTRATION_DATE)/365.25 as [Age (Yrs) at Reg]
83  , VOTER_STATUS
84  FROM dbo.SWVF_121022
85  WHERE REGISTRATION_DATE < DATEADD(YEAR,17,DATE_OF_BIRTH)
86  AND REGISTRATION_DATE > DATE_OF_BIRTH
87  ) b
88  ON a.SOS_VOTERID=b.SOS_VOTERID
89
90  /*Delete the temptable*/
91  DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	DATE_OF_BIRTH	17th Birthday	REGISTRATION_DATE	Age (Yrs) at Reg
OH0014697...	X	1960-08-31	1977-08-31	1960-10-03	0.090349
OH0017328...	X	1960-03-11	1977-03-11	1977-01-01	16.810403
OH0011232...	X	1981-12-09	1998-12-09	1981-12-19	0.027378
OH0010262...	X	1970-08-08	1987-08-08	1987-01-19	16.449007
OH0011478...	X	1957-11-17	1974-11-17	1970-05-10	12.476386

Registered on January 1<sup>st</sup>

Registered on January 1, 1900

A search of the December 10, 2022 voter roll identified 58,822 records of individuals with a registration date of January 1, 1900, raising questions about the age of electors and the accuracy of the voter roll.

```

1  /*****
2  FILENAME: USA-OH1-06-01-RDT-Registered-January-1-1900.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. https://www.weforum.org/agenda/2022/04/the-oldest-people-in-the-world/. The oldest living
20 person in the United States in 2022 was 115 years old. Any person registering in 1900
21 at the age of 18 would in 2022 have been 140 years old.
22 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
23 date of "1900-01-01."
24 TABLES: dbo.swvf_121022
25 STATE FILES USED IN ANALYSIS:
26 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
27   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
28     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
29   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
30     [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
31   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
32     [md5 hash: f152c69d188cadd33735d36a1703f96c]
33   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
34     [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

```

```

35 RESULTS: 58,822 rows. 0:01 running time.
36 DATA OUTPUT FILE: USA-OH1-06-01-RDT-Registered-January-1-1900.xlsx
37 *****/
38
39 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE
40 FROM dbo.SWVF_121022
41 WHERE REGISTRATION_DATE = '1900-01-01'

```

Sample of the results:

SOSID	REGISTRATION_DATE
OH0014894...	1900-01-01
OH0014749...	1900-01-01
OH0014513...	1900-01-01
OH0014823...	1900-01-01
OH0014469...	1900-01-01

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date of January 1, 1900 who voted in the November 2022 general election. 48,858 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-06-01-RDT-Registered-January-1-1900-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10  of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11  eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12  day appointed and recommended by the governor of this state or the president of the United States."
13  3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14  Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15  If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16  immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17  the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18  specified in section 124.19 of the Revised Code."
19  4. https://www.weforum.org/agenda/2022/04/the-oldest-people-in-the-world/. The oldest living
20  person in the United States in 2022 was 115 years old. Any person registering in 1900
21  at the age of 18 would in 2022 have been 140 years old.
22  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
23  date of "1900-01-01" AND voted in the November 2022 GE as demonstrated by the voter history for the
24  November 2022 general election in at least one of the following statewide voter files: December 10,
25  17, 24, or 31, 2022:
26  TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
27  STATE FILES USED IN ANALYSIS:
28  1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]

```

```

29     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
30       [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
31     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
32       [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
33     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
34       [md5 hash: f152c69d188cadd33735d36a1703f96c]
35     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
36       [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
37 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
38     a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
39       [md5 hash: c3691bb155787651b18587128059e122]
40     b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
41       [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
42     c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
43       [md5 hash: cf7ec4123d1e60804edb74866077d55c]
44     d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
45       [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
46 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
47     a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
48       [md5 hash: af56b41e009e08405d0545a815635b69]
49     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
50       [md5 hash: bb14a788f48e158550dc507669ee4e6]
51     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
52       [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
53     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
54       [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
55 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
56     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
57       [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
58     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
59       [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
60     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
61       [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
62     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
63       [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
64 RESULTS: 48,858 rows. 0:59 running time.
65 DATA OUTPUT FILE: USA-OH2-06-01-RDT-Registered-January-1-1900-voted2022.xlsx
66 *****/
67
68 /*Create temptable of voter history for the November 2022 general election from the December 10,
69 17, 24, and 31, 2022 OH statewide voter files.*/
70 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
71
72 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
73 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
74
75 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
76 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422

```



```

77
78 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
79 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
80
81 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
82 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE
83 FROM
84     (
85         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
86         FROM #voterlist
87         WHERE GENERAL_11_08_2022 like 'X'
88     ) a
89 INNER JOIN
90     /*Identify electors in the December 10, 2022 OH statewide voter file with a registration
91     date of "1900-01-01"*/
92     (
93         SELECT SOS_VOTERID, REGISTRATION_DATE
94         FROM dbo.SWVF_121022
95         WHERE REGISTRATION_DATE = '1900-01-01'
96     ) b
97 ON a.SOS_VOTERID=b.SOS_VOTERID
98
99 /*Delete the temptable*/
100 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE
OH0014785...	X	1900-01-01
OH0014885...	X	1900-01-01
OH0014794...	X	1900-01-01
OH0014501...	X	1900-01-01
OH0014884...	X	1900-01-01

Registered on January 1, 1901-2022

The Ohio Election Official Manual specifies that the registration date shall be the date on which the registration application is *received*, thus precluding dates on which are celebrated federal holidays, including New Year’s Day. Not until October 2023 was the law amended regarding the registration date for online voter registration in Ohio which was inaugurated on January 1, 2017.

We searched the December 10, 2022 statewide voter roll for records for the period 1901-2022 with a registration date of January 1. 194,664 records were identified.

```

1 /******
2 FILENAME: USA-OH1-06-02-RDT-Registered-January-1-1901-2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or

```

6 signed the form.”

7 2. OH Rev Code § 124.19(A) (2022): “State holidays shall be the first day of January, the third

8 Monday in January, the third Monday in February, the day designated in the “Act of June 28, 1968,”

9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day

10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the

11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any

12 day appointed and recommended by the governor of this state or the president of the United States.”

13 3. OH Rev Code § 124.189(B)(4) (2022): “If any of the holidays declared in section 124.19 of the

14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.

15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday

16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on

17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days

18 specified in section 124.19 of the Revised Code.”

19 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration

20 date of January 1 in any year from 1901-2022.

21 TABLES: dbo.swvf\_121022

22 STATE FILES USED IN ANALYSIS:

- 23 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
- 24 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
  - 25 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 26 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
  - 27 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 28 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
  - 29 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 30 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
  - 31 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

32 RESULTS: 194,664 rows. 0:03 running time

33 DATA OUTPUT FILE: USA-OH1-06-02-RDT-Registered-January-1-1901-2022.xlsx

34 \*\*\*\*\*/

```
35
36 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE
37 FROM dbo.SWVF_121022
38 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 1
39 AND DATEPART(DD,REGISTRATION_DATE) = 1
40 AND REGISTRATION_DATE > '1900-01-01'
```

Sample of the results:

SOSID	REGISTRATION_DATE
OH0017848...	1999-01-01
OH0016864...	1984-01-01
OH0012845...	1980-01-01
OH0012175...	1995-01-01
OH0017770...	1995-01-01

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date of January 1, 1901-2022 who voted in the November 2022 general election. 148,899 records were identified.

```

1 /*****
2 FILENAME: USA-OH2-06-02-RDT-Registered-January-1-1901-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration date
20 of January 1 in any year from 1901-2022 AND voted in the November 2022 GE as demonstrated by the
21 voter history for the November 2022 general election in at least one of the following statewide
22 voter files: December 10, 17, 24, or 31, 2022.
23 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
24 STATE FILES USED IN ANALYSIS:
25 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
26     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
27         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
28     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
29         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
30     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
31         [md5 hash: f152c69d188cadd33735d36a1703f96c]
32     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
33         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
34 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
35     a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
36         [md5 hash: c3691bb155787651b18587128059e122]
37     b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
38         [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
39     c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
40         [md5 hash: cf7ec4123d1e60804edb74866077d55c]
41     d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
42         [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
43 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
44     a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
45         [md5 hash: af56b41e009e08405d0545a815635b69]
46     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
47         [md5 hash: bb14a788f48e1585500dc507669ee4e6]

```

```

48     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
49         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
50     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
51         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
52 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
53     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
54         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
55     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
56         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
57     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
58         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
59     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
60         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
61 RESULTS: 148,899 rows. 1:01 running time.
62 DATA OUTPUT FILE: USA-OH2-06-02-RDT-Registered-January-1-1901-2022-voted2022.xlsx
63 *****/
64
65 /*Create temptable of voter history for the November 2022 general election from the December 10,
66 17, 24, and 31, 2022 OH statewide voter files.*/
67 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
68
69 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
70 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
71
72 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
73 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
74
75 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
76 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
77
78 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
79 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE
80 FROM
81     (
82         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
83         FROM #voterlist
84         WHERE GENERAL_11_08_2022 like 'X'
85     ) a
86 INNER JOIN
87     /*Identify electors in the December 10, 2022 OH statewide voter file with a registration date
88     of January 1 in any year from 1901-2022.*/
89     (
90         SELECT SOS_VOTERID, REGISTRATION_DATE
91         FROM dbo.SWVF_121022
92         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 1
93             AND DATEPART(DD,REGISTRATION_DATE) = 1
94             AND REGISTRATION_DATE > '1900-01-01'
95     ) b

```

```

96 ON a.SOS_VOTERID=b.SOS_VOTERID
97
98 /*Delete the temptable*/
99 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE
OH0017391...	X	1984-01-01
OH0017447...	X	1988-01-01
OH0017238...	X	1977-01-01
OH0017303...	X	1977-01-01
OH0013687...	X	1995-01-01

### Registered on a Federal Holiday (not New Year’s Day)

Except during periods of voting, state offices in Ohio are closed on federal holidays. Electors who registered to vote on January 1, 1900 and January 1, 1901-2022 are identified in the two previous queries.

### *December 31 when it falls on Friday, 1901-2022*

When New Year’s Day falls on Saturday, the federal holiday is observed on Friday, December 31. We searched the December 10, 2022 statewide voter roll for registration dates of December 31, 1901-2022, which fell on a Friday. 377 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-07-01-RDT-Registered-New-Years-Day-Saturday-1901-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
20 date of December 31 in any year from 1901-2022 when it fell on a Friday.
21 TABLES: dbo.swvf_121022
22 STATE FILES USED IN ANALYSIS:
23 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
24   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz

```

```

25      [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
26      b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
27      [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
28      c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
29      [md5 hash: f152c69d188cadd33735d36a1703f96c]
30      d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
31      [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
32 RESULTS: 377 rows. 0:03 running time.
33 DATA OUTPUT FILE: USA-OH1-07-01-RDT-Registered-New-Years-Day-Saturday-1901-2022.sql
34 *****/
35
36 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
37 FROM SWVF_121022
38 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 12
39        AND DATEPART(DD,REGISTRATION_DATE) = 31
40        AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'FRIDAY'

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0010492...	1999-12-31	Friday
OH0012839...	2004-12-31	Friday
OH0010491...	1999-12-31	Friday
OH0011788...	1999-12-31	Friday
OH0011020...	1993-12-31	Friday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date of December 31, 1901-2022 when it fell on Friday, and voted in the November 2022 general election. 212 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-07-01-RDT-Registered-New-Years-Day-Saturday-1901-2022-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."

```

19 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration date  
20 of December 31 in any year from 1901-2022 when it fell on a Friday AND voted in the November 2022 GE  
21 as demonstrated by the voter history for the November 2022 general election in at least one of the  
22 following statewide voter files: December 10, 17, 24, or 31, 2022.

23 TABLES: dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

24 STATE FILES USED IN ANALYSIS:

- 25 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 26 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
27 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 28 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
29 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 30 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
31 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 32 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
33 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 34 2. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 35 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
36 [md5 hash: c3691bb155787651b18587128059e122]
  - 37 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
38 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 39 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
40 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 41 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
42 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 43 3. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 44 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
45 [md5 hash: af56b41e009e08405d0545a815635b69]
  - 46 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
47 [md5 hash: bb14a788f48e158550dc507669ee4e6]
  - 48 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
49 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
  - 50 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz  
51 [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
- 52 4. December 31, 2022 Statewide Voter File [dbo.swvf\_123122]
  - 53 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz  
54 [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
  - 55 b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz  
56 [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
  - 57 c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz  
58 [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
  - 59 d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz  
60 [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]

61 RESULTS: 212 rows. 1:00 running time.

62 DATA OUTPUT FILE: USA-0H2-07-01-RDT-Registered-New-Years-Day-Saturday-1901-2022-voted2022.xlsx

63 \*\*\*\*\*/

64  
65 /\*Create temptable of voter history for the November 2022 general election from the December 10,  
66 17, 24, and 31, 2022 OH statewide voter files.\*/

```

67 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
68
69 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
70 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
71
72 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
73 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
74
75 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
76 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
77
78 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
79 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
80 FROM
81     (
82         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
83         FROM #voterlist
84         WHERE GENERAL_11_08_2022 like 'X'
85     ) a
86 INNER JOIN
87     /*Identify electors in the December 10, 2022 OH statewide voter file with a registration date
88     of December 31 in any year from 1901-2022 when it fell on a Friday.*/
89     (
90         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [REG DAY]
91         FROM SWVF_121022
92         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 12
93             AND DATEPART(DD,REGISTRATION_DATE) = 31
94             AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'FRIDAY'
95     ) b
96 ON a.SOS_VOTERID=b.SOS_VOTERID
97
98 /*Delete the temptable*/
99 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0021286...	X	2010-12-31	Friday
OH0012468...	X	1999-12-31	Friday
OH0018168...	X	2004-12-31	Friday
OH0016208...	X	2004-12-31	Friday
OH0011793...	X	1999-12-31	Friday

### January 2nd when it falls on Monday, 1901-2022

When New Year’s Day falls on Sunday, the federal holiday is celebrated on Monday, January 2. We searched the December 10, 2022 statewide voter roll for registration dates of January 2, 1901-2022, which fell on Monday. 308 records were identified.



```

1 /*****
2 FILENAME: USA-OH1-07-02-RDT-Registered-New-Years-Day-Sunday-1901-2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
20 date of January 2 in any year from 1901-2022 when it fell on a Monday.
21 TABLES: dbo.swvf_121022
22 STATE FILES USED IN ANALYSIS:
23 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
24     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
25        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
26     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
27        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
28     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
29        [md5 hash: f152c69d188cadd33735d36a1703f96c]
30     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
31        [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
32 RESULTS: 308 rows. 0:03 running time.
33 DATA OUTPUT FILE: USA-OH1-07-02-RDT-Registered-New-Years-Day-Sunday-1901-2022.xlsx
34 *****/
35
36 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY, REGISTRATION_DATE) as [Reg Day]
37 FROM SWVF_121022
38 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 1
39        AND DATEPART(DD,REGISTRATION_DATE) = 2
40        AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0014213..	1995-01-02	Monday
OH0021701..	2012-01-02	Monday
OH0016054..	1984-01-02	Monday
OH0010648..	1967-01-02	Monday
OH0014110..	2012-01-02	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date of January 2, 1901-2022, which fell on Monday, who voted in the November 2022 general election. 131 records were identified.

```
1 /*****
2 FILENAME: USA-OH2-07-02-RDT-Registered-New-Years-Day-Sunday-1901-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration date
20 of January 2 in any year from 1901-2022 when it fell on a Monday AND voted in the November 2022 GE
21 as demonstrated by the voter history for the November 2022 general election in at least one of the
22 following statewide voter files: December 10, 17, 24, or 31, 2022.
23 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
24 STATE FILES USED IN ANALYSIS:
25 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
26 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
27 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
28 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
29 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
30 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
31 [md5 hash: f152c69d188cadd33735d36a1703f96c]
32 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
33 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
34 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
35 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
36 [md5 hash: c3691bb155787651b18587128059e122]
37 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
38 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
39 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
40 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
41 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
42 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
43 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
```

```

44     a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
45         [md5 hash: af56b41e009e08405d0545a815635b69]
46     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
47         [md5 hash: bb14a788f48e158550dc507669ee4e6]
48     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
49         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
50     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
51         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
52 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
53     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
54         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
55     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
56         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
57     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
58         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
59     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
60         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
61 RESULTS: 131 rows. 1:33 running time.
62 DATA OUTPUT FILE: USA-0H2-07-02-RDT-Registered-New-Years-Day-Sunday-1901-2022-voted2022.xlsx
63 *****/
64
65 /*Create temptable of voter history for the November 2022 general election from the December 10,
66 17, 24, and 31, 2022 OH statewide voter files.*/
67 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
68
69 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
70 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
71
72 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
73 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
74
75 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
76 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
77
78 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
79 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
80 FROM
81     (
82         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
83         FROM #voterlist
84         WHERE GENERAL_11_08_2022 like 'X'
85     ) a
86 INNER JOIN
87     /*Identify electors in the December 10, 2022 OH statewide voter file with a registration date
88     of January 2 in any year from 1901-2022 when it fell on a Monday.*/
89     (
90         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY, REGISTRATION_DATE) as [Reg Day]
91         FROM SWVF_121022

```

```

92         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 1
93             AND DATEPART(DD,REGISTRATION_DATE) = 2
94             AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
95     ) b
96 ON a.SOS_VOTERID=b.SOS_VOTERID
97
98 /*Delete the temptable*/
99 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0010959...	X	1984-01-02	Monday
OH0012776...	X	1967-01-02	Monday
OH0018222...	X	1978-01-02	Monday
OH0016067...	X	1984-01-02	Monday
OH0017949...	X	1989-01-02	Monday

### Birthday of Martin Luther King, Jr., 1986-2022

The federal holiday in honor of the birthday of Dr. Martin Luther King, Jr. is celebrated on the **third Monday in January, since 1986**. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1986-2022, which fell on the third Monday in January. 2,164 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-07-03-RDT-Registered-MLKBirthday-1986-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Birthday of Dr. Martin Luther King, Jr. (third Monday in January, since 1986).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on the
21 birthday of Dr. Martin Luther King, Jr. (third Monday in January, since 1986).
22 TABLES: dbo.swvf_121022
23 STATE FILES USED IN ANALYSIS:
24 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
25     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz

```

```

26      [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
27      b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
28      [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
29      c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
30      [md5 hash: f152c69d188cadd33735d36a1703f96c]
31      d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
32      [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
33 RESULTS: 2,164 rows. 0:03 running time.
34 DATA OUTPUT FILE: USA-OH1-07-03-RDT-Registered-MLKBirthDay-1986-2022.xlsx
35 *****/
36
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 1
40      AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
41      AND DATEPART(DD,REGISTRATION_DATE) >= 15
42      AND DATEPART(DD,REGISTRATION_DATE) <= 21
43      AND DATEPART(YYYY,REGISTRATION_DATE) >= 1986

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0011019..	1989-01-16	Monday
OH0013259..	1999-01-18	Monday
OH0010736..	2002-01-21	Monday
OH0023468..	2016-01-18	Monday
OH0012503..	2000-01-17	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1986-2022, which fell on the third Monday in January, who voted in the November 2022 general election. 1,285 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-07-03-RDT-Registered-MLKBirthDay-1901-2022-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10  of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11  eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12  day appointed and recommended by the governor of this state or the president of the United States."
13  3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14  Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15  If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16  immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17  the requirements of a seven-days-a-week work operation shall observe holidays on the actual days

```

18 specified in section 124.19 of the Revised Code.”  
19 4. Birthday of Dr. Martin Luther King, Jr. (third Monday in January, since 1986).  
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on the  
21 birthday of Dr. Martin Luther King, Jr. (third Monday in January, since 1986) AND voted in the  
22 November 2022 GE as demonstrated by the voter history for the November 2022 general election in at  
23 least one of the following statewide voter files: December 10, 17, 24, or 31, 2022.

24 TABLES: dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

25 STATE FILES USED IN ANALYSIS:

- 26 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 27 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
28 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 29 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
30 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 31 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
32 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 33 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
34 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 35 2. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 36 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
37 [md5 hash: c3691bb155787651b18587128059e122]
  - 38 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
39 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 40 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
41 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 42 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
43 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 44 3. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 45 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
46 [md5 hash: af56b41e009e08405d0545a815635b69]
  - 47 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
48 [md5 hash: bb14a788f48e158550dc507669ee4e6]
  - 49 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
50 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
  - 51 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz  
52 [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
- 53 4. December 31, 2022 Statewide Voter File [dbo.swvf\_123122]
  - 54 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz  
55 [md5 hash: ba00aa6f8a4c6bad9700a4fa4df3f47]
  - 56 b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz  
57 [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
  - 58 c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz  
59 [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
  - 60 d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz  
61 [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]

62 RESULTS: 1,285 rows. 1:01 running time.

63 DATA OUTPUT FILE: USA-OH2-07-03-RDT-Registered-MLKBirthday-1901-2022-voted2022.xlsx

64 \*\*\*\*\*/

65

```

66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file who registered on the
89     birthday of Dr. Martin Luther King, Jr. (third Monday in January since 1986).*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [REG DAY]
92         FROM dbo.SWVF_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 1
94             AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
95             AND DATEPART(DD,REGISTRATION_DATE) >= 15
96             AND DATEPART(DD,REGISTRATION_DATE) <= 21
97             AND DATEPART(YYYY,REGISTRATION_DATE) >= 1986
98     ) b
99 ON a.SOS_VOTERID=b.SOS_VOTERID
100
101 /*Delete the temptable*/
102 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0011378...	X	1991-01-21	Monday
OH0011489...	X	2004-01-19	Monday
OH0012598...	X	2004-01-19	Monday
OH0011410...	X	2004-01-19	Monday
OH0012055...	X	2004-01-19	Monday

Washington's Birthday, 1901-2022

### Washington's Birthday (President's Day), 1885-1970

The federal holiday in honor of Washington's Birthday was celebrated on February 22 from 1885-1870. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1885-1970 which fell on February 22. No records were found.

```
1 /*Identify electors in the statewide voter file who, prior to the advent of online registration,
2 registered on Washington's Birthday. (February 22, 1885-1970)*/
3 --0 rows. 0:01 running time
4 SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
5 FROM dbo.SWVF_121022
6 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 2
7     AND DATEPART(DD,REGISTRATION_DATE) = 22
8     AND (DATENAME(WEEKDAY,REGISTRATION_DATE)
9         IN ('MONDAY', 'TUESDAY', 'WEDNESDAY', 'THURSDAY', 'FRIDAY'))
10    AND DATEPART(YYYY,REGISTRATION_DATE) >= 1885
11    AND DATEPART(YYYY,REGISTRATION_DATE) <= 1970
```

### Washington's Birthday (President's Day), 1971-2022

The federal holiday in honor of Washington's Birthday is celebrated on the third Monday in February, since 1971. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1971-2022, which fell on the third Monday in February. 8,305 records were identified.

```
1 /*****
2 FILENAME: USA-OH1-07-04-RDT-Registered-Washingtons-Birthday-1971-2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. George Washington's Birthday (third Monday in February, since 1971).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on
21 George Washington's Birthday (third Monday in February, since 1971).
22 TABLES: dbo.swvf_121022
23 STATE FILES USED IN ANALYSIS:
24 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
25     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
```



```

26      [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
27      b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
28      [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
29      c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
30      [md5 hash: f152c69d188cadd33735d36a1703f96c]
31      d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
32      [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
33 RESULTS: 8,305 rows. 0:04 running time.
34 DATA OUTPUT FILE: USA-OH1-07-04-RDT-Registered-Washingtons-Birthday-1971-2022.xlsx
35 *****/
36
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38 FROM SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 2
40      AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
41      AND DATEPART(DD,REGISTRATION_DATE) >= 15
42      AND DATEPART(DD,REGISTRATION_DATE) <= 21
43      AND DATEPART(YYYY,REGISTRATION_DATE) >= 1971

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0015814...	1996-02-19	Monday
OH0015806...	2002-02-18	Monday
OH0023520...	2016-02-15	Monday
OH0010934...	2016-02-15	Monday
OH0023519...	2016-02-15	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1971-2022, which fell on the third Monday in February, and voted in the November 2022 general election. 4,304 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-07-04-RDT-Registered-Washingtons-Birthday-1971-2022-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days

```

18 specified in section 124.19 of the Revised Code.”  
19 4. George Washington's Birthday (third Monday in February, since 1971).  
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on  
21 George Washington's Birthday (third Monday in February, since 1971) AND voted in the November 2022  
22 GE as demonstrated by the voter history for the November 2022 general election in at least one of  
23 the following statewide voter files: December 10, 17, 24, or 31, 2022.  
24 TABLES: dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122  
25 STATE FILES USED IN ANALYSIS:

- 26 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 27 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
28 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 29 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
30 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 31 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
32 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 33 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
34 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 35 2. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 36 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
37 [md5 hash: c3691bb155787651b18587128059e122]
  - 38 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
39 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 40 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
41 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 42 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
43 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 44 3. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 45 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
46 [md5 hash: af56b41e009e08405d0545a815635b69]
  - 47 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
48 [md5 hash: bb14a788f48e1585500dc507669ee4e6]
  - 49 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
50 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
  - 51 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz  
52 [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
- 53 4. December 31, 2022 Statewide Voter File [dbo.swvf\_123122]
  - 54 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz  
55 [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
  - 56 b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz  
57 [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
  - 58 c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz  
59 [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
  - 60 d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz  
61 [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]

62 RESULTS: 4,304 rows. 1:01 running time.  
63 DATA OUTPUT FILE: USA-OH2-07-04-RDT-Registered-Washingtons-Birthday-1971-2022-voted2022.xlsx  
64 \*\*\*\*\*  
65

```

66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file who registered on
89     George Washington's Birthday (third Monday in February since 1971).*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [REG DAY]
92         FROM SWVF_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 2
94             AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
95             AND DATEPART(DD,REGISTRATION_DATE) >= 15
96             AND DATEPART(DD,REGISTRATION_DATE) <= 21
97             AND DATEPART(YYYY,REGISTRATION_DATE) >= 1971
98     ) b
99 ON a.SOS_VOTERID=b.SOS_VOTERID
100
101 /*Delete the temptable*/
102 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0015029...	X	1996-02-19	Monday
OH0011513...	X	1978-02-20	Monday
OH0010315...	X	1988-02-15	Monday
OH0021215...	X	2016-02-15	Monday
OH0019097...	X	2007-02-19	Monday

## Memorial Day, 1971-2022

The federal holiday Memorial Day is celebrated the last Monday in May, since 1971. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1971-2022 which fell on the last Monday in May. 1,308 records were identified.

```
1 /*****
2 FILENAME: USA-OH1-07-05-RDT-Registered-Memorial-Day-1971-2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Memorial Day (last Monday in May, since 1971).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on
21 Memorial Day (last Monday in May, since 1971).
22 TABLES: dbo.swvf_121022
23 STATE FILES USED IN ANALYSIS:
24 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
25     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
26         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
27     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
28         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
29     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
30         [md5 hash: f152c69d188cadd33735d36a1703f96c]
31     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
32         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
33 RESULTS: 1,308 rows. 0:03 running time
34 DATA OUTPUT FILE: USA-OH1-07-05-RDT-Registered-Memorial-Day-1971-2022.xlsx
35 *****/
36
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 5
40     AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
41     AND DATEPART(DD,REGISTRATION_DATE) >= 25
42     AND DATEPART(DD,REGISTRATION_DATE) <= 31
```

43 AND DATEPART(YYYY,REGISTRATION\_DATE) >= 1971

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0010741...	2002-05-27	Monday
OH0016658...	1986-05-26	Monday
OH0010741...	2002-05-27	Monday
OH0010741...	2002-05-27	Monday
OH0018171...	2005-05-30	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1971-2022, which fell on the last Monday in May, and voted in the November 2022 general election. 750 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-07-05-RDT-Registered-Memorial-Day-1971-2022-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Memorial Day (last Monday in May, since 1971).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on
21 Memorial Day (last Monday in May, since 1971) AND voted in the November 2022 GE as demonstrated by
22 the voter history for the November 2022 general election in at least one of the following statewide
23 voter files: December 10, 17, 24, or 31, 2022.
24 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
25 STATE FILES USED IN ANALYSIS:
26 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
27   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
28     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
29   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
30     [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
31   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
32     [md5 hash: f152c69d188cadd33735d36a1703f96c]
33   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
34     [md5 hash: a1fcc51924cbf740679cdca49a7e6763

```

```

35 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
36   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
37     [md5 hash: c3691bb155787651b18587128059e122]
38   b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
39     [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
40   c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
41     [md5 hash: cf7ec4123d1e60804edb74866077d55c]
42   d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
43     [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
44 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
45   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
46     [md5 hash: af56b41e009e08405d0545a815635b69]
47   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
48     [md5 hash: bb14a788f48e1585500dc507669ee4e6]
49   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
50     [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
51   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
52     [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 750 rows. 1:33 running time.
63 DATA OUTPUT FILE: USA-OH2-07-05-RDT-Registered-Memorial-Day-1971-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82 (

```

```

83     SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84     FROM #voterlist
85     WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file who registered on
89     Memorial Day (last Monday in May, since 1971).*/
90     (
91     SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92     FROM dbo.SWVF_121022
93     WHERE DATEPART(MONTH,REGISTRATION_DATE) = 5
94           AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
95           AND DATEPART(DD,REGISTRATION_DATE) >= 25
96           AND DATEPART(DD,REGISTRATION_DATE) <= 31
97           AND DATEPART(YYYY,REGISTRATION_DATE) >= 1971
98     ) b
99 ON a.SOS_VOTERID=b.SOS_VOTERID
100
101 /*Delete the temptable*/
102 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0016494...	X	1994-05-30	Monday
OH0019174...	X	2007-05-28	Monday
OH0016495...	X	1993-05-31	Monday
OH0017974...	X	1996-05-27	Monday
OH0016494...	X	1994-05-30	Monday

## Independence Day, 1901-2022

### *Independence Day when it falls on a weekday, 1901-2022*

The federal holiday Independence Day is celebrated on July 4, since 1870. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1901-2022 of July 4, which fell on a weekday. 2,818 records were identified.

```

1  /******
2  FILENAME: USA-OH1-07-06-RDT-Registered-Independence-Day-Weekday-1901-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any

```

12 day appointed and recommended by the governor of this state or the president of the United States.”  
 13 3. OH Rev Code § 124.189(B)(4) (2022): “If any of the holidays declared in section 124.19 of the  
 14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.  
 15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday  
 16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on  
 17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days  
 18 specified in section 124.19 of the Revised Code.”

19 4. Independence Day (July 4).

20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on  
 21 Independence Day (July 4) in any year from 1901-2022 when it fell on a weekday.

22 TABLES: dbo.swvf\_121022

23 STATE FILES USED IN ANALYSIS:

- 24 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 25 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
 26 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 27 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
 28 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 29 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
 30 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 31 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
 32 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

33 RESULTS: 2,818 rows. 0:02 running time.

34 DATA OUTPUT FILE: USA-OH1-07-06-RDT-Registered-Independence-Day-Weekday-1901-2022.xlsx

35 \*\*\*\*\*/

```

36
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 7
40 AND DATEPART(DD,REGISTRATION_DATE) = 4
41 AND (DATENAME(WEEKDAY,REGISTRATION_DATE)
42 IN ('MONDAY', 'TUESDAY', 'WEDNESDAY', 'THURSDAY', 'FRIDAY'))
43 AND REGISTRATION_DATE >='1901-01-01'
```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0021457..	2011-07-04	Monday
OH0019255..	2007-07-04	Wednesday
OH0017811..	1990-07-04	Wednesday
OH0022832..	2014-07-04	Friday
OH0022836..	2014-07-04	Friday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1901-2022 of July 4, which fell on a weekday, who voted in the November 2022 general election. 1,643 records were identified.

```

1 /*****
2 FILENAME: USA-OH2-07-06-RDT-Registered-Independence-Day-Weekday-1901-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: “In entering a registration date into the voter
```



4 registration system, a person is not considered to be registered until the valid voter registration  
5 form has been received, which may or may not be the same as the date the applicant completed or  
6 signed the form.”

7 2. OH Rev Code § 124.19(A) (2022): “State holidays shall be the first day of January, the third  
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"  
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day  
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the  
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any  
12 day appointed and recommended by the governor of this state or the president of the United States.”

13 3. OH Rev Code § 124.189(B)(4) (2022): “If any of the holidays declared in section 124.19 of the  
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.  
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday  
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on  
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days  
18 specified in section 124.19 of the Revised Code.”

19 4. Independence Day (July 4).

20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on  
21 Independence Day (July 4) in any year from 1901-2022 when it fell on a weekday AND voted in the  
22 November 2022 GE as demonstrated by the voter history for the November 2022 general election in at  
23 least one of the following statewide voter files: December 10, 17, 24, or 31, 2022.

24 TABLES: dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

25 STATE FILES USED IN ANALYSIS:

26 1. December 10, 2022 Statewide Voter File[dbo.swvf\_121022]

27 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
28 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]

29 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
30 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]

31 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
32 [md5 hash: f152c69d188cadd33735d36a1703f96c]

33 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
34 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

35 2. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]

36 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
37 [md5 hash: c3691bb155787651b18587128059e122]

38 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
39 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]

40 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
41 [md5 hash: cf7ec4123d1e60804edb74866077d55c]

42 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
43 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]

44 3. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]

45 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
46 [md5 hash: af56b41e009e08405d0545a815635b69]

47 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
48 [md5 hash: bb14a788f48e1585500dc507669ee4e6]

49 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
50 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]

51 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz

```

52         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 1,643 rows. 0:53 running time.
63 DATA OUTPUT FILE: USA-0H2-07-06-RDT-Registered-Independence-Day-Weekday-1901-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file who registered on
89     Independence Day (July 4) in any year from 1901-2022 when it fell on a weekday.*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92         FROM dbo.SWVF_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 7
94             AND DATEPART(DD,REGISTRATION_DATE) = 4
95             AND (DATENAME(WEEKDAY,REGISTRATION_DATE)
96                 IN ('MONDAY', 'TUESDAY', 'WEDNESDAY', 'THURSDAY', 'FRIDAY'))
97         AND REGISTRATION_DATE >='1901-01-01'
98     ) b
99 ON a.SOS_VOTERID=b.SOS_VOTERID

```

```

100
101 /*Delete the temptable*/
102 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0012472...	X	2000-07-04	Tuesday
OH0011738...	X	1984-07-04	Wednesday
OH0011250...	X	1985-07-04	Thursday
OH0012209...	X	1989-07-04	Tuesday
OH0020347...	X	2008-07-04	Friday

### *Independence Day when it falls on Saturday, 1901-2022*

The federal holiday Independence Day is celebrated on July 4, since 1870. If July 4 falls on Saturday, the federal holiday is observed on the preceding day: Friday, July 3. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1901-2022 of July 3, which fell on Friday. 8,109 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-07-07-RDT-Registered-Independence-Day-Saturday-1901-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Independence Day (July 4).
20 STATE FILES USED IN ANALYSIS:
21 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
22     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
23        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
24     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
25        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
26     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
27        [md5 hash: f152c69d188cadd33735d36a1703f96c]
28     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
29        [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
30 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration

```

```

31 date of July 3 in any year from 1901-2022 when it fell on Friday.
32 TABLES: dbo.swvf_121022
33 RESULTS: 8,109 rows. 0:02 running time.
34 DATA OUTPUT FILE: USA-OH1-07-07-RDT-Registered-Independence-Day-Saturday-1901-2022.xlsx
35 *****/
36
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 7
40     AND DATEPART(DD,REGISTRATION_DATE) = 3
41     AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'FRIDAY'
42     AND REGISTRATION_DATE >= '1901-01-01'

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0018584...	2015-07-03	Friday
OH0015730...	2015-07-03	Friday
OH0015768...	2015-07-03	Friday
OH0015732...	2015-07-03	Friday
OH0015787...	2015-07-03	Friday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1901-2022 of July 3, which fell on Friday, who voted in the November 2022 general election. 2,893 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-07-07-RDT-Registered-Independence-Day-Saturday-1901-2022-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Independence Day (July 4).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
21 date of July 3 in any year from 1901-2022 when it fell on Friday AND voted in the November 2022 GE
22 as demonstrated by the voter history for the November 2022 general election in at least one of the
23 following statewide voter files: December 10, 17, 24, or 31, 2022.

```

```

24 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
25 STATE FILES USED IN ANALYSIS:
26 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
27   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
28     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
29   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
30     [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
31   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
32     [md5 hash: f152c69d188cadd33735d36a1703f96c]
33   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
34     [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
35 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
36   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
37     [md5 hash: c3691bb155787651b18587128059e122]
38   b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
39     [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
40   c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
41     [md5 hash: cf7ec4123d1e60804edb74866077d55c]
42   d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
43     [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
44 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
45   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
46     [md5 hash: af56b41e009e08405d0545a815635b69]
47   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
48     [md5 hash: bb14a788f48e158550dc507669ee4e6]
49   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
50     [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
51   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
52     [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 2,893 rows. 1:03 running time.
63 DATA OUTPUT FILE: USA-OH2-07-07-RDT-Registered-Independence-Day-Saturday-1901-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722

```

```

72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file with a registration
89     date of July 3 in any year from 1901-2022 when it fell on Friday.*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92         FROM SWVF_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 7
94         AND DATEPART(DD,REGISTRATION_DATE) = 3
95         AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'FRIDAY'
96         AND REGISTRATION_DATE >='1901-01-01'
97     ) b
98 ON a.SOS_VOTERID=b.SOS_VOTERID
99
100 /*Delete the temptable*/
101 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0023187...	X	2015-07-03	Friday
OH0015899...	X	2015-07-03	Friday
OH0014918...	X	1992-07-03	Friday
OH0023187...	X	2015-07-03	Friday
OH0010445...	X	1998-07-03	Friday

### *Independence Day when it falls Sunday, 1901-2022*

The federal holiday Independence Day is celebrated on July 4, since 1870. If July 4 falls on Sunday, the federal holiday is observed on the following day: Monday, July 5. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1901-2022 of July 5 which fell on Monday. 538 records were identified.

```

1 /******
2 FILENAME: USA-OH1-07-08-RDT-Registered-Independence-Day-Sunday-1901-2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter

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4 registration system, a person is not considered to be registered until the valid voter registration  
5 form has been received, which may or may not be the same as the date the applicant completed or  
6 signed the form."

7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third  
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"  
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day  
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the  
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any  
12 day appointed and recommended by the governor of this state or the president of the United States."

13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the  
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.  
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday  
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on  
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days  
18 specified in section 124.19 of the Revised Code."

19 4. Independence Day (July 4).

20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration  
21 date of July 5 in any year from 1901-2022 when it fell on Monday.

22 TABLES: dbo.swvf\_121022

23 STATE FILES USED IN ANALYSIS:

24 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]

- 25 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
26 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
- 27 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
28 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
- 29 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
30 [md5 hash: f152c69d188cadd33735d36a1703f96c]
- 31 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
32 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

33 RESULTS: 538 rows. 0:02 running time.

34 DATA OUTPUT FILE: USA-OH1-07-RDT-Registered-Independence-Day-Sunday-1901-2022.xlsx

35 \*\*\*\*\*/

```
36  
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]  
38 FROM dbo.SWVF_121022  
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 7  
40 AND DATEPART(DD,REGISTRATION_DATE) = 5  
41 AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'  
42 AND REGISTRATION_DATE >= '1901-01-01'
```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0021131..	2010-07-05	Monday
OH0016786..	2004-07-05	Monday
OH0016785..	2004-07-05	Monday
OH0011786..	1993-07-05	Monday
OH0016787..	2004-07-05	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1901-2022 of July 5, which fell on Monday, and voted in the November 2022 general election. 73 records were identified.

```
1 /*****
2 FILENAME: USA-OH2-07-08-RDT-Registered-Independence-Day-Sunday-1901-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Independence Day (July 4).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
21 date of July 5 in any year from 1901-2022 when it fell on Monday AND voted in the November 2022 GE
22 as demonstrated by the voter history for the November 2022 general election in at least one of the
23 following statewide voter files: December 10, 17, 24, or 31, 2022.
24 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
25 STATE FILES USED IN ANALYSIS:
26 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
27 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
28 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
29 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
30 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
31 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
32 [md5 hash: f152c69d188cadd33735d36a1703f96c]
33 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
34 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
35 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
36 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
37 [md5 hash: c3691bb155787651b18587128059e122]
38 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
39 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
40 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
41 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
42 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
43 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
```



```

44 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
45   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
46     [md5 hash: af56b41e009e08405d0545a815635b69]
47   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
48     [md5 hash: bb14a788f48e158550dc507669ee4e6]
49   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
50     [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
51   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
52     [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 308 rows. 1:29 running time.
63 DATA OUTPUT FILE: USA-0H2-07-08-RDT-Registered-Independence-Day-Sunday-1901-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file with a registration
89     date of July 5 in any year from 1901-2022 when it fell on Monday.*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]

```

```

92     FROM OHVoterReg.dbo.SWVF_121022
93     WHERE DATEPART(MONTH,REGISTRATION_DATE) = 7
94     AND DATEPART(DD,REGISTRATION_DATE) = 5
95     AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
96     AND REGISTRATION_DATE >= '1901-01-01'
97     ) b
98 ON a.SOS_VOTERID=b.SOS_VOTERID
99
100 /*Delete the temptable*/
101 DROP TABLE #VoterList

```

Sample of the results:

SOS_V_	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0014449...	X	1982-07-05	Monday
OH0016473...	X	1999-07-05	Monday
OH0010781...	X	1993-07-05	Monday
OH0012680...	X	1993-07-05	Monday
OH0014729...	X	1982-07-05	Monday

## Labor Day, 1901-2022

The federal holiday Labor Day is celebrated the first Monday in September, since 1894. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1901-2022 which fell on the first Monday in September. 9,119 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-07-09-RDT-Registered-Labor-Day-1901-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Labor Day (first Monday in September, since 1894).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on Labor
21 Day (first Monday in September, since 1894) in any year from 1901-2022.
22 TABLES: dbo.swvf_121022
23 STATE FILES USED IN ANALYSIS:

```

```

24 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
25   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
26     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
27   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
28     [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
29   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
30     [md5 hash: f152c69d188cadd33735d36a1703f96c]
31   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
32     [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
33 RESULTS: 9,119 rows. 0:03 running time.
34 DATA OUTPUT FILE: USA-OH1-07-09-RDT-Registered-Labor-Day-1901-2022.xlsx
35 *****/
36
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 9
40       AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
41       AND DATEPART(DD,REGISTRATION_DATE) >= 1
42       AND DATEPART(DD,REGISTRATION_DATE) <= 7
43       AND DATEPART(YYYY,REGISTRATION_DATE) >= 1901

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0014397...	2008-09-01	Monday
OH0010885...	1980-09-01	Monday
OH0015745...	2004-09-06	Monday
OH0012162...	1974-09-02	Monday
OH0010953...	1985-09-02	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1901-2022, which fell on the first Monday in September, who voted in the November 2022 general election. 5,550 records were identified.

```

1 /******
2 FILENAME: USA-OH2-07-09-RDT-Registered-Labor-Day-1901-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday

```

16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on  
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days  
18 specified in section 124.19 of the Revised Code.”

19 4. Labor Day (first Monday in September, since 1894).

20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on Labor  
21 Day (first Monday in September, since 1894) in any year from 1901-2022 AND voted in the November  
22 2022 GE as demonstrated by the voter history for the November 2022 general election in at least one  
23 of the following statewide voter files: December 10, 17, 24, or 31, 2022.

24 TABLES: dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

25 STATE FILES USED IN ANALYSIS:

- 26 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 27 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
28 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 29 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
30 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 31 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
32 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 33 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
34 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 35 2. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 36 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
37 [md5 hash: c3691bb155787651b18587128059e122]
  - 38 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
39 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 40 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
41 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 42 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
43 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 44 3. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 45 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
46 [md5 hash: af56b41e009e08405d0545a815635b69]
  - 47 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
48 [md5 hash: bb14a788f48e1585500dc507669ee4e6]
  - 49 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
50 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
  - 51 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz  
52 [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
- 53 4. December 31, 2022 Statewide Voter File [dbo.swvf\_123122]
  - 54 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz  
55 [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
  - 56 b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz  
57 [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
  - 58 c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz  
59 [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
  - 60 d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz  
61 [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]

62 RESULTS: 5,550 rows. 1:03 running time.

63 DATA OUTPUT FILE: USA-OH2-07-09-RDT-Registered-Labor-Day-1901-2022-voted2022.xlsx

```

64  *****/
65
66  /*Create temptable of voter history for the November 2022 general election from the December 10,
67  17, 24, and 31, 2022 OH statewide voter files.*/
68  select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70  insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71  select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73  insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74  select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76  insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77  select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79  /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80  SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[Reg Day]
81  FROM
82      (
83          SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84          FROM #voterlist
85          WHERE GENERAL_11_08_2022 like 'X'
86      ) a
87  INNER JOIN
88      /*Identify electors in the December 10, 2022 OH statewide voter file who registered on Labor
89      Day (first Monday in September since 1894) in any year from 1901-2022.*/
90      (
91          SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92          FROM dbo.SWVF_121022
93          WHERE DATEPART(MONTH,REGISTRATION_DATE) = 9
94              AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
95              AND DATEPART(DD,REGISTRATION_DATE) >= 1
96              AND DATEPART(DD,REGISTRATION_DATE) <= 7
97              AND DATEPART(YYYY,REGISTRATION_DATE) >= 1894
98      ) b
99  ON a.SOS_VOTERID=b.SOS_VOTERID
100
101  /*Delete the temptable*/
102  DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	Reg Day
OH0014583...	X	1977-09-05	Monday
OH0016483...	X	1997-09-01	Monday
OH0018295...	X	2005-09-05	Monday
OH0022531...	X	2013-09-02	Monday
OH0016182...	X	2000-09-04	Monday

## Columbus Day, 1971-2022

The federal holiday Columbus Day is celebrated on the second Monday in October, since 1971. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1971-2022 which fell on the second Monday in October. 42,699 records were identified.

```
1 /*****
2 FILENAME: USA-OH1-07-10-RDT-Registered-Columbus-Day-1971-2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Columbus Day (second Monday in October, since 1971).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on
21 Columbus Day (second Monday in October, since 1971).
22 TABLES: dbo.swvf_121022
23 STATE FILES USED IN ANALYSIS:
24 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
25     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
26         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
27     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
28         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
29     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
30         [md5 hash: f152c69d188cadd33735d36a1703f96c]
31     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
32         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
33 RESULTS: 42,699 rows. 0:07 running time.
34 DATA OUTPUT FILE: USA-OH1-07-10-RDT-Registered-Columbus-Day-1901-2022.xlsx
35 *****/
36
37 SELECT *
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 10
40     AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
41     AND DATEPART(DD,REGISTRATION_DATE) >= 8
42     AND DATEPART(DD,REGISTRATION_DATE) <= 14
```

AND DATEPART(YYYY,REGISTRATION\_DATE) >= 1971

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0015710...	1984-10-08	Monday
OH0010702...	1972-10-09	Monday
OH0010468...	2000-10-09	Monday
OH0010681...	1983-10-10	Monday
OH0014221...	2012-10-08	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1971-2022, which fell on the second Monday in October, who voted in the November 2022 general election. 24,496 records were identified.

```

1 /*****
2 FILENAME: USA-OH2-07-10-RDT-Registered-Columbus-Day-1971-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Columbus Day (second Monday in October, since 1971).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on
21 Columbus Day (second Monday in October, since 1971) AND voted in the November 2022 GE as demonstrated
22 by the voter history for the November 2022 general election in at least one of the following
23 statewide voter files: December 10, 17, 24, or 31, 2022.
24 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122522, dbo.swvf_123122
25 STATE FILES USED IN ANALYSIS:
26 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
27   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
28     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
29   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
30     [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
31   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
32     [md5 hash: f152c69d188cadd33735d36a1703f96c]
33   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
34     [md5 hash: a1fcc51924cbf740679cdca49a7e6763

```

```

35 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
36   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
37     [md5 hash: c3691bb155787651b18587128059e122]
38   b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
39     [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
40   c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
41     [md5 hash: cf7ec4123d1e60804edb74866077d55c]
42   d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
43     [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
44 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
45   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
46     [md5 hash: af56b41e009e08405d0545a815635b69]
47   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
48     [md5 hash: bb14a788f48e158550dc507669ee4e6]
49   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
50     [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
51   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
52     [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 24,496 rows. 1:02 running time.
63 DATA OUTPUT FILE: USA-OH2-07-10-RDT-Registered-Columbus-Day-1901-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82 (

```



```

83     SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84     FROM #voterlist
85     WHERE GENERAL_11_08_2022 like 'X'
86 ) a
87 INNER JOIN
88 /*Identify electors in the December 10, 2022 OH statewide voter file who registered on
89 Columbus Day (second Monday in October since 1971).*/
90 (
91     SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92     FROM dbo.SWVF_121022
93     WHERE DATEPART(MONTH,REGISTRATION_DATE) = 10
94           AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
95           AND DATEPART(DD,REGISTRATION_DATE) >= 8
96           AND DATEPART(DD,REGISTRATION_DATE) <= 14
97           AND DATEPART(YYYY,REGISTRATION_DATE) >= 1971
98 ) b
99 ON a.SOS_VOTERID=b.SOS_VOTERID
100
101 /*Delete the temptable*/
102 DROP TABLE #VoterList

```

Sample of the results:

SOS_V...	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0014051...	X	1997-10-13	Monday
OH0018389...	X	1984-10-08	Monday
OH0011353...	X	1988-10-10	Monday
OH0014209...	X	1995-10-09	Monday
OH0014700...	X	2006-10-09	Monday

## Veterans Day, 1954-2022

### *Veterans Day when it falls on a weekday, 1954-2022*

The federal holiday Veterans Day is celebrated on November 11, since 1954. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1954-2022 of November 11 which fell on a weekday. 2,172 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-07-11-RDT-Registered-Veterans-Day-Weekday-1954-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any

```

12 day appointed and recommended by the governor of this state or the president of the United States.”  
 13 3. OH Rev Code § 124.189(B)(4) (2022): “If any of the holidays declared in section 124.19 of the  
 14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.  
 15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday  
 16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on  
 17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days  
 18 specified in section 124.19 of the Revised Code.”

19 4. Veterans Day (November 11, since 1954).

20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on  
 21 Veterans Day (November 11, since 1954) when it fell on a weekday.

22 TABLES: dbo.swvf\_121022

23 STATE FILES USED IN ANALYSIS:

- 24 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
- 25 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
 26 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 27 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
 28 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 29 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
 30 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 31 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
 32 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

33 RESULTS: 2,172 rows. 0:03 running time.

34 DATA OUTPUT FILE: USA-OH1-07-11-RDT-Registered-Veterans-Day-Weekday-1954-2022.xlsx

35 \*\*\*\*\*/

```

36
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 11
40     AND DATEPART(DD,REGISTRATION_DATE) = 11
41     AND (DATENAME(WEEKDAY,REGISTRATION_DATE)
42          IN ('MONDAY', 'TUESDAY', 'WEDNESDAY', 'THURSDAY', 'FRIDAY'))
43     AND DATEPART(YYYY,REGISTRATION_DATE) >= 1954
  
```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0022980..	2014-11-11	Tuesday
OH0016087..	1994-11-11	Friday
OH0014276..	1983-11-11	Friday
OH0020602..	2009-11-11	Wednesday
OH0010636..	1985-11-11	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1954-2022 of November 11, which fell on a weekday, who voted in the November 2022 general election. 986 records were identified.

```

1 /*****
2 FILENAME: USA-OH2-07-11-RDT-Registered-Veterans-Day-Weekday-1954-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: “In entering a registration date into the voter
  
```

4 registration system, a person is not considered to be registered until the valid voter registration  
5 form has been received, which may or may not be the same as the date the applicant completed or  
6 signed the form.”

7 2. OH Rev Code § 124.19(A) (2022): “State holidays shall be the first day of January, the third  
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"  
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day  
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the  
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any  
12 day appointed and recommended by the governor of this state or the president of the United States.”

13 3. OH Rev Code § 124.189(B)(4) (2022): “If any of the holidays declared in section 124.19 of the  
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.  
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday  
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on  
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days  
18 specified in section 124.19 of the Revised Code.”

19 4. Veterans Day (November 11, since 1954).

20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on  
21 Veterans Day (November 11, since 1954) when it fell on a weekday AND voted in the November 2022 GE  
22 as demonstrated by the voter history for the November 2022 general election in at least one of the  
23 following statewide voter files: December 10, 17, 24, or 31, 2022.

24 TABLES: dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

25 STATE FILES USED IN ANALYSIS:

- 26 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 27 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
28 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 29 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
30 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 31 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
32 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 33 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
34 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 35 2. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 36 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
37 [md5 hash: c3691bb155787651b18587128059e122]
  - 38 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
39 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 40 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
41 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 42 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
43 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 44 3. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 45 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
46 [md5 hash: af56b41e009e08405d0545a815635b69]
  - 47 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
48 [md5 hash: bb14a788f48e1585500dc507669ee4e6]
  - 49 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
50 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
  - 51 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz

```

52         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56 b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58 c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60 d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 986 rows. 1:01 running time.
63 DATA OUTPUT FILE: USA-OH2-07-11-RDT-Registered-Veterans-Day-Weekday-1954-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file who registered on
89     Veterans Day (November 11 since 1954).*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92         FROM dbo.Swvf_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 11
94             AND DATEPART(DD,REGISTRATION_DATE) = 11
95             AND (DATENAME(WEEKDAY,REGISTRATION_DATE)
96                 IN ('MONDAY', 'TUESDAY', 'WEDNESDAY', 'THURSDAY', 'FRIDAY'))
97             AND DATEPART(YYYY,REGISTRATION_DATE) >= 1954
98     ) b
99 ON a.SOS_VOTERID=b.SOS_VOTERID

```

100  
 101 /\*Delete the temptable\*/  
 102 DROP TABLE #VoterList

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0011131...	X	1992-11-11	Wednesday
OH0024160...	X	2016-11-11	Friday
OH0012634...	X	2016-11-11	Friday
OH0014851...	X	2015-11-11	Wednesday
OH0015510...	X	1986-11-11	Tuesday

### Veterans Day when it falls on Saturday, 1954-2022

The federal holiday Veterans Day is celebrated on November 11, since 1954. If November 11 falls on Saturday, the federal holiday is observed on the preceding day: Friday, November 10. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1954-2022 of November 10 which fell on Friday. 715 records were identified.

```

1 /*****
2 FILENAME: USA-OH1-07-12-RDT-Registered-Veterans-Day-Saturday-1954-2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Veterans Day (November 11, since 1954).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
21 date of November 10 in any year from 1954-2022 when it fell on Friday.
22 TABLES: dbo.swvf_121022
23 STATE FILES USED IN ANALYSIS:
24 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
25     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
26        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
27     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
28        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
29     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
  
```

```

30      [md5 hash: f152c69d188cadd33735d36a1703f96c]
31      d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
32      [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
33 RESULTS: 715 rows. 0:01 running time.
34 DATA OUTPUT FILE: USA-OH1-07-12-RDT-Registered-Veterans-Day-Saturday-1954-2022.xlsx
35 *****/
36
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 11
40      AND DATEPART(DD,REGISTRATION_DATE) = 10
41      AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'FRIDAY'
42      AND DATEPART(YYYY,REGISTRATION_DATE) >= 1954

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0010463...	2000-11-10	Friday
OH0015724...	2000-11-10	Friday
OH0019072...	2006-11-10	Friday
OH0014193...	1989-11-10	Friday
OH0011783...	1995-11-10	Friday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1954-2022 of November 10, which fell on Friday, who voted in the November 2022 general election. 383 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-07-12-RDT-Registered-Veterans-Day-Saturday-1954-2022-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Veterans Day (November 11, since 1954).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
21 date of November 10 in any year from 1954-2022 when it fell on Friday AND voted in the November 2022
22 GE as demonstrated by the voter history for the November 2022 general election in at least one of

```

```

23 the following statewide voter files: December 10, 17, 24, or 31, 2022.
24 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
25 STATE FILES USED IN ANALYSIS:
26 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
27   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
28     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
29   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
30     [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
31   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
32     [md5 hash: f152c69d188cadd33735d36a1703f96c]
33   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
34     [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
35 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
36   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
37     [md5 hash: c3691bb155787651b18587128059e122]
38   b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
39     [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
40   c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
41     [md5 hash: cf7ec4123d1e60804edb74866077d55c]
42   d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
43     [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
44 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
45   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
46     [md5 hash: af56b41e009e08405d0545a815635b69]
47   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
48     [md5 hash: bb14a788f48e158550dc507669ee4e6]
49   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
50     [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
51   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
52     [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 383 rows. 1:31 running time.
63 DATA OUTPUT FILE: USA-OH2-07-12-RDT-Registered-Veterans-Day-Saturday-1954-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)

```

```

71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file with a registration
89     date of November 10 in any year from 1954-2022 when it fell on Friday.*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92         FROM dbo.SWVF_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 11
94             AND DATEPART(DD,REGISTRATION_DATE) = 10
95             AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'FRIDAY'
96             AND DATEPART(YYYY,REGISTRATION_DATE) >= 1954
97     ) b
98 ON a.SOS_VOTERID=b.SOS_VOTERID
99
100 /*Delete the temptable*/
101 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0011357...	X	1978-11-10	Friday
OH0010366...	X	1995-11-10	Friday
OH0014193...	X	1989-11-10	Friday
OH0015724...	X	2000-11-10	Friday
OH0016489...	X	1995-11-10	Friday

### *Veterans Day when it falls on Sunday, 1954-2022*

The federal holiday Veterans Day is celebrated on November 11, since 1954. If November 11 falls on Sunday, the federal holiday is observed on the following day: Monday, November 12. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1954-2022 of November 12 which fell on Monday. 279 records were identified.

1 /\*\*\*\*\*



```

2  FILENAME: USA-OH1-07-13-RDT-Registered-Veterans-Day-Sunday-1954-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Veterans Day (November 11, since 1954).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
21 date of November 12 in any year from 1954-2022 when it fell on Monday.
22 TABLES: dbo.swvf_121022
23 STATE FILES USED IN ANALYSIS:
24 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
25     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
26         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
27     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
28         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
29     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
30         [md5 hash: f152c69d188cadd33735d36a1703f96c]
31     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
32         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
33 RESULTS: 279 rows. 0:03 running time.
34 DATA OUTPUT FILE: USA-OH1-07-13-RDT-Registered-Veterans-Day-Sunday-1954-2022.xlsx
35 *****/
36
37 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 11
40     AND DATEPART(DD,REGISTRATION_DATE) = 12
41     AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
42     AND DATEPART(YYYY,REGISTRATION_DATE) >= 1954

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0015821...	2007-11-12	Monday
OH0018264...	1990-11-12	Monday
OH0010916...	1979-11-12	Monday
OH0010605...	1990-11-12	Monday
OH0019367...	2007-11-12	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1954-2022 of November 12, which fell on Monday, who voted in the November 2022 general election. 147 records were identified.

```

1 /*****
2 FILENAME: USA-OH2-07-13-RDT-Registered-Veterans-Day-Sunday-1954-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Veterans Day (November 11, since 1954).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
21 date of November 12 in any year from 1954-2022 when it fell on Monday AND voted in the November 2022
22 GE as demonstrated by the voter history for the November 2022 general election in at least one of
23 the following statewide voter files: December 10, 17, 24, or 31, 2022.
24 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
25 STATE FILES USED IN ANALYSIS:
26 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
27 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
28 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
29 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
30 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
31 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
32 [md5 hash: f152c69d188cadd33735d36a1703f96c]
33 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
34 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
35 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
36 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
37 [md5 hash: c3691bb155787651b18587128059e122]

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38     b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
39         [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
40     c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
41         [md5 hash: cf7ec4123d1e60804edb74866077d55c]
42     d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
43         [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
44 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
45     a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
46         [md5 hash: af56b41e009e08405d0545a815635b69]
47     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
48         [md5 hash: bb14a788f48e1585500dc507669ee4e6]
49     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
50         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
51     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
52         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 147 rows. 1:41 running time.
63 DATA OUTPUT FILE: USA-OH2-07-13-RDT-Registered-Veterans-Day-Sunday-1954-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'

```

```

86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file with a registration
89     date of November 12 in any year from 1954-2022 when it fell on Monday.*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92         FROM dbo.SWVF_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 11
94             AND DATEPART(DD,REGISTRATION_DATE) = 12
95             AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
96             AND DATEPART(YYYY,REGISTRATION_DATE) >= 1954
97     ) b
98 ON a.SOS_VOTERID=b.SOS_VOTERID
99
100 /*Delete the temptable*/
101 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0018852...	X	1979-11-12	Monday
OH0016453...	X	2001-11-12	Monday
OH0011150...	X	1984-11-12	Monday
OH0015821...	X	2007-11-12	Monday
OH0015698...	X	1984-11-12	Monday

### Thanksgiving, 1901-2022

The federal holiday Thanksgiving is celebrated on the fourth Thursday in November, since 1863. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1901-2022 which fell on the fourth Thursday in November. 4,776 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-07-14-RDT-Registered-Thanksgiving-1901-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days

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```

18 specified in section 124.19 of the Revised Code."
19 4. Thanksgiving (fourth Thursday in November, since 1863).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on
21 Thanksgiving (fourth Thursday of November) in any year from 1901-1922.
22 TABLES: dbo.swvf_121022
23 STATE FILES USED IN ANALYSIS:
24 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
25     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
26        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
27     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
28        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
29     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
30        [md5 hash: f152c69d188cadd33735d36a1703f96c]
31     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
32        [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
33 RESULTS: 4,776 rows. 0:01 running time.
34 DATA OUTPUT FILE: USA-0H1-07-14-RDT-Registered-Thanksgiving-1901-2022.xlsx
35 *****/
36
37 SELECT *
38 FROM dbo.SWVF_121022
39 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 11
40        AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'THURSDAY'
41        AND DATEPART(DD,REGISTRATION_DATE) >= 24
42        AND DATEPART(DD,REGISTRATION_DATE) <= 30
43        AND DATEPART(YYYY,REGISTRATION_DATE) >= 1901

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0019974...	2006-11-30	Thursday
OH0014222...	2006-11-30	Thursday
OH0022264...	2012-11-29	Thursday
OH0010944...	2001-11-29	Thursday
OH0022287...	2012-11-29	Thursday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1901-2022, which fell on the fourth Thursday in November, who voted in the November 2022 general election. 2,202 records were identified.

```

1 /*****
2 FILENAME: USA-0H2-07-14-RDT-Registered-Thanksgiving-1901-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day

```

10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the  
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any  
12 day appointed and recommended by the governor of this state or the president of the United States.”  
13 3. OH Rev Code § 124.189(B)(4) (2022): “If any of the holidays declared in section 124.19 of the  
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.  
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday  
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on  
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days  
18 specified in section 124.19 of the Revised Code.”

19 4. Thanksgiving (fourth Thursday in November, since 1863).

20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on  
21 Thanksgiving (fourth Thursday of November) in any year from 1901-1922 AND voted in the November 2022  
22 GE as demonstrated by the voter history for the November 2022 general election in at least one of  
23 the following statewide voter files: December 10, 17, 24, or 31, 2022.

24 TABLES: dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

25 STATE FILES USED IN ANALYSIS:

- 26 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 27 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
28 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 29 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
30 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 31 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
32 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 33 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
34 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 35 2. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 36 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
37 [md5 hash: c3691bb155787651b18587128059e122]
  - 38 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
39 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 40 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
41 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 42 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
43 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 44 3. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 45 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
46 [md5 hash: af56b41e009e08405d0545a815635b69]
  - 47 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
48 [md5 hash: bb14a788f48e158550dc507669ee4e6]
  - 49 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
50 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
  - 51 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz  
52 [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
- 53 4. December 31, 2022 Statewide Voter File [dbo.swvf\_123122]
  - 54 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz  
55 [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
  - 56 b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz  
57 [md5 hash: 6614a5da3c6852e223652f0ae7e35699]

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58     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 2,202 rows. 1:01 running time.
63 DATA OUTPUT FILE: USA-OH2-07-14-RDT-Registered-Thanksgiving-1901-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file who registered on
89     Thanksgiving (fourth Thursday of November) in any year from 1901-1922.*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92         FROM dbo.SWVF_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 11
94             AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'THURSDAY'
95             AND DATEPART(DD,REGISTRATION_DATE) >= 24
96             AND DATEPART(DD,REGISTRATION_DATE) <= 30
97             AND DATEPART(YYYY,REGISTRATION_DATE) >= 1901
98     ) b
99 ON a.SOS_VOTERID=b.SOS_VOTERID
100
101 /*Delete the temptable*/
102 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0015059...	X	2006-11-30	Thursday
OH0019416...	X	2007-11-29	Thursday
OH0019004...	X	2006-11-30	Thursday
OH0016491...	X	1995-11-30	Thursday
OH0019035...	X	2006-11-30	Thursday

## Christmas Day, 1901-2022

### *Christmas Day when it falls on a weekday, 1901-2022*

The federal holiday Christmas Day is celebrated on December 25, since 1870. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1901-2022 of December 25 which fell on a weekday. 292 records were identified.

```

1 /*****
2 FILENAME: USA-OH1-07-15-RDT-Registered-Christmas-Day-Weekday-1901-2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Christmas Day (December 25, since 1870).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on
21 Christmas Day (December 25) in any year from 1901-2022 when it fell on a weekday.
22 TABLES: dbo.swvf_121022
23 STATE FILES USED IN ANALYSIS:
24 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
25     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
26         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
27     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
28         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
29     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
30         [md5 hash: f152c69d188cadd33735d36a1703f96c]
31     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
32         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
33 RESULTS: 292 rows. 0:02 running time.
34 DATA OUTPUT FILE: USA-OH1-07-15-RDT-Registered-Christmas-Day-Weekday-1901-2022.xlsx

```



```

35  *****/
36
37  SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
38  FROM dbo.SWVF_121022
39  WHERE DATEPART(MONTH,REGISTRATION_DATE) = 12
40         AND DATEPART(DD,REGISTRATION_DATE) = 25
41         AND (DATENAME(WEEKDAY,REGISTRATION_DATE)
42             IN ('MONDAY', 'TUESDAY', 'WEDNESDAY', 'THURSDAY', 'FRIDAY'))
43         AND REGISTRATION_DATE >= '1901-01-01'

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0014159...	1987-12-25	Friday
OH0023444...	2015-12-25	Friday
OH0014109...	2007-12-25	Tuesday
OH0023017...	2014-12-25	Thursday
OH0021777...	2014-12-25	Thursday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1901-2022 of December 25, which fell on a weekday, who voted in the November 2022 general election. 138 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-07-15-RDT-Registered-Christmas-Day-Weekday-1901-2022-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Christmas Day (December 25, since 1870).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on
21 Christmas Day (December 25) in any year from 1901-2022 when it fell on a weekday AND voted in the
22 November 2022 GE as demonstrated by the voter history for the November 2022 general election in at
23 least one of the following statewide voter files: December 10, 17, 24, or 31, 2022.
24 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
25 STATE FILES USED IN ANALYSIS:
26 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]

```

```

27     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
28         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
29     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
30         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
31     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
32         [md5 hash: f152c69d188cadd33735d36a1703f96c]
33     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
34         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
35 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
36     a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
37         [md5 hash: c3691bb155787651b18587128059e122]
38     b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
39         [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
40     c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
41         [md5 hash: cf7ec4123d1e60804edb74866077d55c]
42     d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
43         [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
44 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
45     a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
46         [md5 hash: af56b41e009e08405d0545a815635b69]
47     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
48         [md5 hash: bb14a788f48e158550dc507669ee4e6]
49     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
50         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
51     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
52         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 138 rows. 1:01 running time.
63 DATA OUTPUT FILE: USA-OH2-07-15-RDT-Registered-Christmas-Day-Weekday-1901-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422

```

```

75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file who registered on
89     Christmas Day (December 25) in any year from 1901-2022 when it fell on a weekday.*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92         FROM dbo.SWVF_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 12
94             AND DATEPART(DD,REGISTRATION_DATE) = 25
95             AND (DATENAME(WEEKDAY,REGISTRATION_DATE)
96                 IN ('MONDAY', 'TUESDAY', 'WEDNESDAY', 'THURSDAY', 'FRIDAY'))
97             AND DATEPART(YYYY,REGISTRATION_DATE) >= 1901
98     ) b
99 ON a.SOS_VOTERID=b.SOS_VOTERID
100
101 /*Delete the temptable*/
102 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0023013...	X	2014-12-25	Thursday
OH0010172...	X	1987-12-25	Friday
OH0010036...	X	2002-12-25	Wednesday
OH0023456...	X	2015-12-25	Friday
OH0023012...	X	2014-12-25	Thursday

### *Christmas Day when it falls on Saturday, 1901-2022*

The federal holiday Christmas Day is celebrated on December 25, since 1870. If December 25 falls on Saturday, the federal holiday is observed on the preceding day: Friday, December 24. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1901-2022 of December 24 which fell on Friday. 191 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-07-16-RDT-Registered-Christmas-Day-Saturday-1901-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration

```

5 form has been received, which may or may not be the same as the date the applicant completed or  
 6 signed the form.”  
 7 2. OH Rev Code § 124.19(A) (2022): “State holidays shall be the first day of January, the third  
 8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"  
 9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day  
 10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the  
 11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any  
 12 day appointed and recommended by the governor of this state or the president of the United States.”  
 13 3. OH Rev Code § 124.189(B)(4) (2022): “If any of the holidays declared in section 124.19 of the  
 14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.  
 15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday  
 16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on  
 17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days  
 18 specified in section 124.19 of the Revised Code.”  
 19 4. Christmas Day (December 25, since 1870). When the federal holiday falls on Saturday, it  
 20 is observed the day before.

21 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration  
 22 date of December 24 in any year from 1901–2022 when it fell on Friday.

23 TABLES: dbo.swvf\_121022

24 STATE FILES USED IN ANALYSIS:

- 25 1. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 26 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 27 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 28 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 29 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

34 RESULTS: 191 rows. 0:02 running time.

35 DATA OUTPUT FILE: USA-OH1-07-16-RDT-Registered-Christmas-Day-Saturday-1901-2022.xlsx

36 \*\*\*\*\*/

```

37
38 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
39 FROM dbo.SWVF_121022
40 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 12
41 AND DATEPART(DD,REGISTRATION_DATE) = 24
42 AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'FRIDAY'
43 AND DATEPART(YYYY,REGISTRATION_DATE) >= 1901
  
```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0010907...	1982-12-24	Friday
OH0010948...	1982-12-24	Friday
OH0010489...	1999-12-24	Friday
OH0010492...	1999-12-24	Friday
OH0014147...	2004-12-24	Friday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1901-2022 of December 24, which fell on Friday, who voted in the November 2022 general election. 88 records were identified.

```
1 /*****
2 FILENAME: USA-OH2-07-16-RDT-Registered-Christmas-Day-Saturday-1901-2022-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4 registration system, a person is not considered to be registered until the valid voter registration
5 form has been received, which may or may not be the same as the date the applicant completed or
6 signed the form."
7 2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8 Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9 82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Christmas Day (December 25 since 1870).
20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
21 date of December 24 in any year from 1901-2022 when it fell on Friday AND voted in the November
22 2022 GE as demonstrated by the voter history for the November 2022 general election in at least one
23 of the following statewide voter files: December 10, 17, 24, or 31, 2022.
24 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
25 STATE FILES USED IN ANALYSIS:
26 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
27     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
28         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
29     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
30         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
31     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
32         [md5 hash: f152c69d188cadd33735d36a1703f96c]
33     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
34         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
35 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
36     a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
37         [md5 hash: c3691bb155787651b18587128059e122]
38     b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
39         [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
40     c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
41         [md5 hash: cf7ec4123d1e60804edb74866077d55c]
42     d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
43         [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
```

```

44 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
45   a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
46     [md5 hash: af56b41e009e08405d0545a815635b69]
47   b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
48     [md5 hash: bb14a788f48e158550dc507669ee4e6]
49   c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
50     [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
51   d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
52     [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
53 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
54   a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
55     [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
56   b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
57     [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
58   c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
59     [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
60   d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
61     [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
62 RESULTS: 88 rows. 2:17 running time.
63 DATA OUTPUT FILE: USA-OH2-07-16-RDT-Registered-Christmas-Day-Saturday-1901-2022-voted2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82   (
83     SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84     FROM #voterlist
85     WHERE GENERAL_11_08_2022 like 'X'
86   ) a
87 INNER JOIN
88   /*Identify electors in the December 10, 2022 OH statewide voter file with a registration
89   date of December 24 in any year from 1901-2022 when it fell on Friday.*/
90   (
91     SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]

```

```

92     FROM dbo.SWVF_121022
93     WHERE DATEPART(MONTH,REGISTRATION_DATE) = 12
94           AND DATEPART(DD,REGISTRATION_DATE) = 24
95           AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'FRIDAY'
96           AND DATEPART(YYYY,REGISTRATION_DATE) >= 1901
97     ) b
98 ON a.SOS_VOTERID=b.SOS_VOTERID
99
100 /*Delete the temptable*/
101 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0012468...	X	1999-12-24	Friday
OH0010948...	X	1982-12-24	Friday
OH0021299...	X	2010-12-24	Friday
OH0010173...	X	1993-12-24	Friday
OH0012509...	X	1982-12-24	Friday

### *Christmas Day when it falls on Sunday, 1901-2022*

The federal holiday Christmas Day is celebrated on December 25, since 1870. If December 25 falls on Sunday, the federal holiday is observed on the following day: Monday, December 26. We searched the December 10, 2022 statewide voter roll for registration dates during the period 1901-2022 of December 26 which fell on Monday. 51 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-07-17-RDT-Registered-Christmas-Day-Sunday-1901-2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.
15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days
18 specified in section 124.19 of the Revised Code."
19 4. Christmas Day (December 25, since 1870). When the federal holiday falls on Sunday, it
20 is observed the day after.
21 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration
22 date of December 26 in any year from 1901-2022 when it fell on Monday.

```

```

23 TABLES: dbo.swvf_121022
24 STATE FILES USED IN ANALYSIS:
25 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
26     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
27        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
28     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
29        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
30     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
31        [md5 hash: f152c69d188cadd33735d36a1703f96c]
32     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
33        [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
34 RESULTS: 51 rows. 0:02 running time.
35 DATA OUTPUT FILE: USA-OH1-07-17-RDT-Registered-Christmas-Day-Sunday-1901-2022.xlsx
36 *****/
37
38 SELECT SOS_VOTERID as SOSID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
39 FROM dbo.SWVF_121022
40 WHERE DATEPART(MONTH,REGISTRATION_DATE) = 12
41        AND DATEPART(DD,REGISTRATION_DATE) = 26
42        AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
43        AND DATEPART(YYYY,REGISTRATION_DATE) >= 1901

```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0014266...	1994-12-26	Monday
OH0012835...	2016-12-26	Monday
OH0021650...	2011-12-26	Monday
OH0024182...	2016-12-26	Monday
OH0011661...	1994-12-26	Monday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors with a registration date during the period 1901-2022 of December 26, which fell on Monday, who voted in the November 2022 general election. 26 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-07-17-RDT-Registered-Christmas-Day-Sunday-1901-2022-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 86: "In entering a registration date into the voter
4  registration system, a person is not considered to be registered until the valid voter registration
5  form has been received, which may or may not be the same as the date the applicant completed or
6  signed the form."
7  2. OH Rev Code § 124.19(A) (2022): "State holidays shall be the first day of January, the third
8  Monday in January, the third Monday in February, the day designated in the "Act of June 28, 1968,"
9  82 Stat. 250, 5 U.S.C. 6103, as amended, for the commemoration of Memorial day, the nineteenth day
10 of June, the fourth day of July, the first Monday in September, the second Monday in October, the
11 eleventh day of November, the fourth Thursday in November, the twenty-fifth day of December, and any
12 day appointed and recommended by the governor of this state or the president of the United States."
13 3. OH Rev Code § 124.189(B)(4) (2022): "If any of the holidays declared in section 124.19 of the
14 Revised Code falls on Saturday, the Friday immediately preceding shall be observed as the holiday.

```



15 If any of the holidays declared in section 124.19 of the Revised Code falls on Sunday, the Monday  
16 immediately succeeding shall be observed as the holiday. Employees whose work schedules are based on  
17 the requirements of a seven-days-a-week work operation shall observe holidays on the actual days  
18 specified in section 124.19 of the Revised Code.”

19 4. Christmas Day (December 25, since 1870).

20 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file with a registration  
21 date of December 26 in any year from 1901-2022 when it fell on Monday AND voted in the November  
22 2022 GE as demonstrated by the voter history for the November 2022 general election in at least  
23 one of the following statewide voter files: December 10, 17, 24, or 31, 2022.

24 TABLES: dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

25 STATE FILES USED IN ANALYSIS:

- 26 1. December 10, 2022 Statewide Voter File[dbo.swvf\_121022]
  - 27 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
28 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 29 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
30 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 31 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
32 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 33 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
34 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 35 2. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 36 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
37 [md5 hash: c3691bb155787651b18587128059e122]
  - 38 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
39 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 40 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
41 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 42 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
43 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 44 3. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 45 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
46 [md5 hash: af56b41e009e08405d0545a815635b69]
  - 47 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
48 [md5 hash: bb14a788f48e1585500dc507669ee4e6]
  - 49 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
50 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
  - 51 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz  
52 [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
- 53 4. December 31, 2022 Statewide Voter File [dbo.swvf\_123122]
  - 54 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz  
55 [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
  - 56 b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz  
57 [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
  - 58 c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz  
59 [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
  - 60 d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz  
61 [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]

62 RESULTS: 26 rows. 1:20 running time.

```

63 DATA OUTPUT FILE: USA-OH2-07-17-RDT-Registered-Christmas-Day-Sunday-1901-2022.xlsx
64 *****/
65
66 /*Create temptable of voter history for the November 2022 general election from the December 10,
67 17, 24, and 31, 2022 OH statewide voter files.*/
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
69
70 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
75
76 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
78
79 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
80 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
81 FROM
82     (
83         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
84         FROM #voterlist
85         WHERE GENERAL_11_08_2022 like 'X'
86     ) a
87 INNER JOIN
88     /*Identify electors in the December 10, 2022 OH statewide voter file with a registration
89     date of December 26 in any year from 1901-2022 when it fell on Monday.*/
90     (
91         SELECT SOS_VOTERID, REGISTRATION_DATE, DATENAME(WEEKDAY,REGISTRATION_DATE) as [Reg Day]
92         FROM dbo.SWVF_121022
93         WHERE DATEPART(MONTH,REGISTRATION_DATE) = 12
94             AND DATEPART(DD,REGISTRATION_DATE) = 26
95             AND DATENAME(WEEKDAY,REGISTRATION_DATE) = 'MONDAY'
96             AND DATEPART(YYYY,REGISTRATION_DATE) >= 1901
97     ) b
98 ON a.SOS_VOTERID=b.SOS_VOTERID
99
100 /*Delete the temptable*/
101 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0011440...	X	1977-12-26	Monday
OH0012525...	X	1977-12-26	Monday
OH0011661...	X	1994-12-26	Monday
OH0024182...	X	2016-12-26	Monday
OH0011560...	X	1994-12-26	Monday

## Registered on Sunday

State offices are closed on Sunday and therefore unable to process registrations on that day of the week. We searched the December 10, 2022 statewide voter roll for electors that registered on Sunday during the period 1901-2022, except for Sundays in October 2020-2022 when offices were open for in-person, absentee voting. 201,693 records were identified.

```
1 /*****
2 FILENAME: USA-OH1-08-01-RDT-Registered-Sunday.sql
3 LAW/CONTEXT: Ohio Election Official Manual (2022), pp. 199-201. Ohio boards of elections are
4 closed on Sunday, except for the two Sundays preceding Election Day when they must open for early
5 in-person absentee voting.
6 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file who registered on
7 Sunday, excluding the Sundays after September 2020 (early in-person voting began with the November
8 2020 GE) which were during the calendar month prior to an election or primary as well as the
9 Sunday immediately preceding the election or primary if in the same month as the election or
10 primary.
11 TABLES: dbo.swvf_121022
12 STATE FILES USED IN ANALYSIS:
13 1. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
14     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
15        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
16     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
17        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
18     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
19        [md5 hash: f152c69d188cadd33735d36a1703f96c]
20     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
21        [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
22 RESULTS: 201,693 rows. 0:02 running time.
23 DATA OUTPUT FILE: USA-OH1-08-01-RDT-Registered-Sunday-1901-2022.xlsx
24 *****/
25
26 SELECT SOS_VOTERID, REGISTRATION_DATE, datename(weekday,registration_date) as [Reg Day]
27 FROM dbo.SWVF_121022
28 WHERE datename(weekday,registration_date) = 'SUNDAY'
29     AND NOT (REGISTRATION_DATE >= '2020-10-1' AND REGISTRATION_DATE < '2020-11-3')
30     AND NOT (REGISTRATION_DATE >= '2021-4-1' AND REGISTRATION_DATE < '2021-5-4')
31     AND NOT (REGISTRATION_DATE >= '2021-7-1' AND REGISTRATION_DATE < '2021-8-3')
32     AND NOT (REGISTRATION_DATE >= '2021-9-1' AND REGISTRATION_DATE < '2021-9-14')
33     AND NOT (REGISTRATION_DATE >= '2021-10-1' AND REGISTRATION_DATE < '2021-11-2')
34     AND NOT (REGISTRATION_DATE >= '2022-5-1' AND REGISTRATION_DATE < '2022-5-3')
35     AND NOT (REGISTRATION_DATE >= '2022-7-1' AND REGISTRATION_DATE < '2022-8-2')
36     AND NOT (REGISTRATION_DATE >= '2022-10-1' AND REGISTRATION_DATE < '2022-11-8')
37     AND REGISTRATION_DATE >= '1901-01-01'
```

Sample of the results:

SOSID	REGISTRATION_DATE	Reg Day
OH0010578...	1992-10-04	Sunday
OH0023560...	2016-02-14	Sunday
OH0010586...	1992-09-13	Sunday
OH0017822...	2004-09-19	Sunday
OH0010631...	1987-07-26	Sunday

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors that registered on Sunday during the period 1901-2022 who voted in the November 2022 general election. 116,855 records were identified.

```

1 /*****
2 FILENAME: USA-OH2-08-01-RDT-Registered-Sunday-1901-2022-voted2022.sql
3 LAW/CONTEXT: Ohio Election Official Manual (2022), pp. 199-201. Ohio boards of elections are
4 closed on Sunday, except for the two Sundays preceding Election Day when they must open for early
5 in-person absentee voting.
6 PURPOSE: Identify electors in the December 10, 2022 statewide voter file who registered on Sunday,
7 excluding the Sundays after September 2020 (early in-person voting began with the November 2020 GE)
8 which were during the calendar month prior to an election or primary as well as the Sunday
9 immediately preceding the election or primary if in the same month as the election or primary AND
10 voted in the November 2022 GE as demonstrated by the voter history for the November 2022 general
11 election in at least one of the following statewide voter files: December 10, 17, 24, or 31, 2022.
12 TABLES: dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
13 STATE FILES USED IN ANALYSIS:
14 1. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
15     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
16         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
17     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
18         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
19     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
20         [md5 hash: f152c69d188cadd33735d36a1703f96c]
21     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
22         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
23 2. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
24     a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
25         [md5 hash: c3691bb155787651b18587128059e122]
26     b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
27         [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
28     c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
29         [md5 hash: cf7ec4123d1e60804edb74866077d55c]
30     d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
31         [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
32 3. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
33     a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
34         [md5 hash: af56b41e009e08405d0545a815635b69]
35     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
36         [md5 hash: bb14a788f48e1585500dc507669ee4e6]
37     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
38         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]

```

```

39     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
40         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
41 4. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
42     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
43         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
44     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
45         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
46     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
47         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
48     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
49         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
50 RESULTS: 116,855 rows. 1:27 running time.
51 DATA OUTPUT FILE: USA-0H2-08-01-RDT-Registered-Sunday-1901-2022-voted2022.xlsx
52 *****/
53
54 /*Create temptable of voter history for the November 2022 general election from the December 10,
55 17, 24, and 31, 2022 OH statewide voter files.*/
56 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
57
58 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
59 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
60
61 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
62 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
63
64 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
65 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
66
67 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
68 SELECT b.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.REGISTRATION_DATE, b.[REG DAY]
69 FROM
70     (
71         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
72         FROM #voterlist
73         WHERE GENERAL_11_08_2022 like 'X'
74     ) a
75 INNER JOIN
76     /*Identify electors in the December 10, 2022 statewide voter file who registered on Sunday,
77     excluding the Sundays after September 2020 (early in-person voting began with the November 2020
78     GE) which were during the calendar month prior to an election or primary as well as the Sunday
79     immediately preceding the election or primary if in the same month as the election or primary.*/
80     (
81         SELECT SOS_VOTERID, REGISTRATION_DATE, datename(weekday,registration_date) as [Reg Day]
82         FROM dbo.SWVF_121022
83         WHERE datename(weekday,registration_date) = 'SUNDAY'
84             AND NOT (REGISTRATION_DATE >= '2020-10-1' AND REGISTRATION_DATE < '2020-11-3')
85             AND NOT (REGISTRATION_DATE >= '2021-4-1' AND REGISTRATION_DATE < '2021-5-4')
86             AND NOT (REGISTRATION_DATE >= '2021-7-1' AND REGISTRATION_DATE < '2021-8-3')

```

```

87         AND NOT (REGISTRATION_DATE >= '2021-9-1' AND REGISTRATION_DATE < '2021-9-14')
88         AND NOT (REGISTRATION_DATE >= '2021-10-1' AND REGISTRATION_DATE < '2021-11-2')
89         AND NOT (REGISTRATION_DATE >= '2022-5-1' AND REGISTRATION_DATE < '2022-5-3')
90         AND NOT (REGISTRATION_DATE >= '2022-7-1' AND REGISTRATION_DATE < '2022-8-2')
91         AND NOT (REGISTRATION_DATE >= '2022-10-1' AND REGISTRATION_DATE < '2022-11-8')
92         AND REGISTRATION_DATE >= '1901-01-01'
93     ) b
94 ON a.SOS_VOTERID=b.SOS_VOTERID
95
96 /*Delete the temptable*/
97 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	REGISTRATION_DATE	REG DAY
OH0016515...	X	1991-12-01	Sunday
OH0016502...	X	1992-04-12	Sunday
OH0015182...	X	2010-10-03	Sunday
OH0013517...	X	1988-05-15	Sunday
OH0022470...	X	2013-07-14	Sunday

## Date of birth changed

The date of birth is, by law, required of all applications to register to vote as it is foundational to eligibility to register and to vote. We searched/compared the September 12, 2020 and December 10, 2022 voter rolls for records with the same state voter identification number but different date of birth. 6,348 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-09-01-DOB-Birthdate-Changed-Between-2020-and-2022.sql
3  LAW: 1. OH Rev Code § 3503.07 (2022): "Each person who will be of the age of eighteen years or
4  more at the next ensuing November election ... shall ... be entitled to be registered as an elector."
5  Thus, date of birth is an essential element in determining an elector's eligibility to register
6  to vote.
7  2. As a matter of biology, dates of birth do not change.
8  3. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg. One of its four stated purposes
9  is "to ensure that accurate and current voter registration rolls are maintained."
10 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose date of birth
11 in the September 12, 2020 and December 10, 2022 statewide voter files were different.
12 TABLES: dbo.swvf_091220, dbo.swvf_121022
13 STATE FILES USED IN ANALYSIS:
14 1. September 12, 2020 Statewide Voter File [dbo.swvf_091220]
15     a. 2020-09-12 Statewide Voter File (county 1-22)-week-37.txt.gz
16        [md5 hash: 5f8345830d4ec8acaf616a2f4f1d8180]
17     b. 2020-09-12 Statewide Voter File (county 23-44)-week-37.txt.gz
18        [md5 hash: 2c7925fb6d46642e3f5c61536324768e]
19     c. 2020-09-12 Statewide Voter File (county 45-66)-week-37.txt.gz
20        [md5 hash: 4c8e0503136e4a9701bbeffdbc528a5]
21     d. 2020-09-12 Statewide Voter File (county 67-88)-week-37.txt.gz
22        [md5 hash: d0b97453674fe22a1cf7788874848b2e]

```

```

23 2. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
24   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
25     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
26   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
27     [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
28   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
29     [md5 hash: f152c69d188cadd33735d36a1703f96c]
30   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
31     [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
32 RESULTS: 6,348 rows. 0:13 running time.
33 DATA OUTPUT FILE: USA-OH1-09-01-DOB-Birthdate-Changed-Between-2020-and-2022.xlsx
34 *****/
35
36 SELECT a.SOS_VOTERID
37       , a.LAST_NAME as [LName1]
38       , a.DATE_OF_BIRTH as [DOB1]
39       , b.LAST_NAME as [LName2]
40       , b.DATE_OF_BIRTH as [DOB2]
41       , DATEDIFF(day,a.DATE_OF_BIRTH,b.DATE_OF_BIRTH) as DateDiff
42       , a.REGISTRATION_DATE as [RegDate1]
43       , b.REGISTRATION_DATE as [RegDate2]
44 FROM dbo.SWVF_091220 a
45 INNER JOIN
46     (
47       SELECT *
48       FROM dbo.SWVF_121022
49     ) b
50 ON a.SOS_VOTERID = b.SOS_VOTERID
51    AND a.DATE_OF_BIRTH <> b.DATE_OF_BIRTH

```

Sample of the results:

SOSID	DOB 09/12/2020	DOB 12/10/2022	DOB Change (Days)
OH0014059...	1948-09-27	1949-09-27	365
OH0014015...	1947-09-10	1946-09-18	-357
OH0013609...	1959-07-21	1959-02-07	-164
OH0013980...	1963-08-16	1962-08-16	-365
OH0013569...	1951-03-10	1951-10-03	207

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors whose state voter identification number in the September 12, 2020 and December 10, 2022 voter rolls remained the same but whose date of birth changed and who voted in the November 2022 general election. 3,456 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-08-01-RDT-Registered-Sunday-1901-2022-voted2022.sql
3  LAW: 1. OH Rev Code § 3503.07 (2022): "Each person who will be of the age of eighteen years or
4  more at the next ensuing November election ... shall ... be entitled to be registered as an elector."
5  Thus, date of birth is an essential element in determining an elector's eligibility to register

```

6 to vote.

7 2. As a matter of biology, dates of birth do not change.

8 3. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg. One of its four stated purposes

9 is "to ensure that accurate and current voter registration rolls are maintained."

10 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose date of birth in

11 the September 12, 2020 and December 10, 2022 statewide voter files were different AND voted in the

12 November 2022 GE as demonstrated by the voter history for the November 2022 general election in at

13 least one of the following statewide voter files: December 10, 17, 24, or 31, 2022.

14 TABLES: dbo.swvf\_091220, dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

15 STATE FILES USED IN ANALYSIS:

16 1. September 12, 2020 Statewide Voter File [dbo.swvf\_091220]

17 a. 2020-09-12 Statewide Voter File (county 1-22)-week-37.txt.gz

18 [md5 hash: 5f8345830d4ec8acaf616a2f4f1d8180]

19 b. 2020-09-12 Statewide Voter File (county 23-44)-week-37.txt.gz

20 [md5 hash: 2c7925fb6d46642e3f5c61536324768e]

21 c. 2020-09-12 Statewide Voter File (county 45-66)-week-37.txt.gz

22 [md5 hash: 4c8e0503136e4a9701bbeeffdbc528a5]

23 d. 2020-09-12 Statewide Voter File (county 67-88)-week-37.txt.gz

24 [md5 hash: d0b97453674fe22a1cf7788874848b2e]

25 2. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]

26 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz

27 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]

28 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz

29 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]

30 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz

31 [md5 hash: f152c69d188cadd33735d36a1703f96c]

32 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz

33 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

34 3. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]

35 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz

36 [md5 hash: c3691bb155787651b18587128059e122]

37 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz

38 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]

39 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz

40 [md5 hash: cf7ec4123d1e60804edb74866077d55c]

41 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz

42 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]

43 4. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]

44 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz

45 [md5 hash: af56b41e009e08405d0545a815635b69]

46 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz

47 [md5 hash: bb14a788f48e158550dc507669ee4e6]

48 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz

49 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]

50 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz

51 [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]

52 5. December 31, 2022 Statewide Voter File [dbo.swvf\_123122]

53 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz



```

54      [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
55      b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
56      [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
57      c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
58      [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
59      d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
60      [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
61 RESULTS: 3,456 rows. 1:43 running time.
62 DATA OUTPUT FILE: USA-OH2-08-01-RDT-Registered-Sunday-1901-2022-voted2022.xlsx
63 *****/
64
65 /*Create temptable of voter history for the November 2022 general election from the December 10,
66 17, 24, and 31, 2022 OH statewide voter files.*/
67 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
68
69 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
70 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
71
72 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
73 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
74
75 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
76 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
77
78 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
79 SELECT x.SOS_VOTERID as SOSID, x.GENERAL_11_08_2022, y.[DOB 09/12/20], y.[DOB 12/24/22]
80 FROM
81     (
82         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
83         FROM #voterlist
84         WHERE GENERAL_11_08_2022 like 'X'
85     ) x
86 INNER JOIN
87     /*Identify electors in the December 10, 2022 statewide voter file whose date of birth in the
88     September 12, 2020 and December 10, 2022 statewide voter files were different.*/
89     (
90         SELECT a.SOS_VOTERID
91             , a.LAST_NAME as [LName1], a.DATE_OF_BIRTH as [DOB 09/12/20]
92             , b.LAST_NAME as [LName2], b.DATE_OF_BIRTH as [DOB 12/24/22]
93             , DATEDIFF(day,a.DATE_OF_BIRTH, b.DATE_OF_BIRTH) as DateDiff
94             , a.REGISTRATION_DATE as [RegDate1], b.REGISTRATION_DATE as [RegDate2]
95         FROM dbo.SWVF_091220 a
96         INNER JOIN
97             (
98                 SELECT *
99                 FROM dbo.SWVF_121022
100            ) b
101         ON a.SOS_VOTERID = b.SOS_VOTERID

```

```

102         AND a.DATE_OF_BIRTH <> b.DATE_OF_BIRTH
103     ) y
104 ON x.SOS_VOTERID=y.SOS_VOTERID
105
106 /*Delete the temptable*/
107 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	DOB 09/12/20	DOB 12/26/22
OH0013980294	X	1963-08-16	1962-08-16
OH0013912232	X	1931-08-01	1931-08-11
OH0013723229	X	1958-12-09	1953-12-09
OH0013637481	X	1943-08-07	1942-08-07
OH0013652589	X	1938-10-23	1937-10-23

## Voter history inexplicably changed

### *State voter identification numbered did not change*

We searched/compared the January 2, 2021 and December 10, 2022 statewide voter rolls for electors whose voter history changed in at least one November general election during the period 2000-2020. 18,979 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-10-01-TIM-Voter-History-Changed-2021-2022-SOSID-Unchanged.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 106: "If an elector or voter registrant fails
4  both to respond to a Voter Information Confirmation Notice and update their voter registration,
5  engage in voter-initiated activity or vote by the appropriate four-year anniversary date
6  (established under a mailing pursuant to the NVRA or pursuant to these procedures that includes
7  two federal general elections), the registration of the elector shall be cancelled ... " An
8  elector's voter history (record of participation) is directly relevant to the carrying out of this
9  statute.
10 2. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg. One of its four stated purposes is
11 "to ensure that accurate and current voter registration rolls are maintained."
12 3. For an election to be accurate and compliant, the number of votes cast must equal the number of
13 voters who voted.
14 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose voter history
15 changed between January 2, 2021 and December 10, 2022 in at least one November general election
16 (2000-2020) in cases where their State Voter ID Number did not change.
17 TABLES: dbo.swvf_010221, dbo.swvf_121022
18 STATE FILES USED IN ANALYSIS:
19 1. January 2, 2021 Statewide Voter File [dbo.swvf_010221]
20     a. 2021-01-02 Statewide Voter File (county 1-22)-week-01.txt.gz
21        [md5 hash: 4f6bf79c6f70417af7f05e2cf42da68f]
22     b. 2021-01-02 Statewide Voter File (county 23-44)-week-01.txt.gz
23        [md5 hash: 2b0e80851368861fc74b1d9d93642d81]
24     c. 2021-01-02 Statewide Voter File (county 45-66)-week-01.txt.gz

```

```

25         [md5 hash: 3d5674ed198167e903f44b05cb489810]
26     d. 2021-01-02 Statewide Voter File (county 67-88)-week-01.txt.gz
27         [md5 hash: f392a1678ff4f2b658b913758875e782]
28 2. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
29     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
30         [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
31     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
32         [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
33     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
34         [md5 hash: f152c69d188cadd33735d36a1703f96c]
35     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
36         [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

```

37 RESULTS: 18,979 rows. 0:35 running time.

38 DATA OUTPUT FILE: USA-OH1-10-01-TIM-Voter-History-Changed-2021-2022-SOSID-Unchanged.xlsx

39 \*\*\*\*\*/

```

40
41 SELECT a.SOS_VOTERID AS SOSID, a.GENERAL_11_03_2020 as [aGEN2020], b.GENERAL_11_03_2020 as [bGEN2020]
42     , a.GENERAL_11_05_2019 as [aGEN2019], b.GENERAL_11_05_2019 as [bGEN2019]
43     , a.GENERAL_11_06_2018 as [aGEN2018], b.GENERAL_11_06_2018 as [bGEN2018]
44     , a.GENERAL_11_07_2017 as [aGEN2017], b.GENERAL_11_07_2017 as [bGEN2017]
45     , a.GENERAL_11_08_2016 as [aGEN2016], b.GENERAL_11_08_2016 as [bGEN2016]
46     , a.GENERAL_11_03_2015 as [aGEN2015], b.GENERAL_11_03_2015 as [bGEN2015]
47     , a.GENERAL_11_04_2014 as [aGEN2014], b.GENERAL_11_04_2014 as [bGEN2014]
48     , a.GENERAL_11_05_2013 as [aGEN2013], b.GENERAL_11_05_2013 as [bGEN2013]
49     , a.GENERAL_11_06_2012 as [aGEN2012], b.GENERAL_11_06_2012 as [bGEN2012]
50     , a.GENERAL_11_08_2011 as [aGEN2011], b.GENERAL_11_08_2011 as [bGEN2011]
51     , a.GENERAL_11_02_2010 as [aGEN2010], b.GENERAL_11_02_2010 as [bGEN2010]
52     , a.GENERAL_11_03_2009 as [aGEN2009], b.GENERAL_11_03_2009 as [bGEN2009]
53     , a.GENERAL_11_04_2008 as [aGEN2008], b.GENERAL_11_04_2008 as [bGEN2008]
54     , a.GENERAL_11_06_2007 as [aGEN2007], b.GENERAL_11_06_2007 as [bGEN2007]
55     , a.GENERAL_11_07_2006 as [aGEN2006], b.GENERAL_11_07_2006 as [bGEN2006]
56     , a.GENERAL_11_08_2005 as [aGEN2005], b.GENERAL_11_08_2005 as [bGEN2005]
57     , a.GENERAL_11_02_2004 as [aGEN2004], b.GENERAL_11_02_2004 as [bGEN2004]
58     , a.GENERAL_11_04_2003 as [aGEN2003], b.GENERAL_11_04_2003 as [bGEN2003]
59     , a.GENERAL_11_05_2002 as [aGEN2002], b.GENERAL_11_05_2002 as [bGEN2002]
60     , a.GENERAL_11_06_2001 as [aGEN2001], b.GENERAL_11_06_2001 as [bGEN2001]
61     , a.GENERAL_11_07_2000 as [aGEN2000], b.GENERAL_11_07_2000 as [bGEN2000]
62 FROM SWVF_121022 b
63 INNER JOIN SWVF_010221 a
64 ON a.SOS_VOTERID = b.SOS_VOTERID
65 WHERE (a.GENERAL_11_03_2020 <> b.GENERAL_11_03_2020 OR a.GENERAL_11_05_2019 <> b.GENERAL_11_05_2019
66     OR a.GENERAL_11_06_2018 <> b.GENERAL_11_06_2018 OR a.GENERAL_11_07_2017 <> b.GENERAL_11_07_2017
67     OR a.GENERAL_11_08_2016 <> b.GENERAL_11_08_2016 OR a.GENERAL_11_03_2015 <> b.GENERAL_11_03_2015
68     OR a.GENERAL_11_04_2014 <> b.GENERAL_11_04_2014 OR a.GENERAL_11_05_2013 <> b.GENERAL_11_05_2013
69     OR a.GENERAL_11_06_2012 <> b.GENERAL_11_06_2012 OR a.GENERAL_11_08_2011 <> b.GENERAL_11_08_2011
70     OR a.GENERAL_11_02_2010 <> b.GENERAL_11_02_2010 OR a.GENERAL_11_03_2009 <> b.GENERAL_11_03_2009
71     OR a.GENERAL_11_04_2008 <> b.GENERAL_11_04_2008 OR a.GENERAL_11_06_2007 <> b.GENERAL_11_06_2007
72     OR a.GENERAL_11_07_2006 <> b.GENERAL_11_07_2006 OR a.GENERAL_11_08_2005 <> b.GENERAL_11_08_2005

```

73 OR a.GENERAL\_11\_02\_2004 <> b.GENERAL\_11\_02\_2004 OR a.GENERAL\_11\_04\_2003 <> b.GENERAL\_11\_04\_2003  
 74 OR a.GENERAL\_11\_05\_2002 <> b.GENERAL\_11\_05\_2002 OR a.GENERAL\_11\_06\_2001 <> b.GENERAL\_11\_06\_2001  
 75 OR a.GENERAL\_11\_07\_2000 <> b.GENERAL\_11\_07\_2000)

Sample of the results:

SOSID	aGEN2020	bGEN2020	aGEN2019	bGEN2019	aGEN2018	bGEN2018	aGEN2017	bGEN2017
OH0026116...		X		X		X		X
OH0023654...		X			X	X		
OH0026022...	X				X			
OH0026114...		X				X		
OH0022278...		X			X	X		

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors whose voter history in at least one November general election during the period 2000-2020 changed between the January 2, 2021 (post-2020 GE) and December 10, 2022 statewide voter rolls, and who voted in the November 2022 general election. 9,614 records were identified.

```

1 /*****
2 FILENAME: USA-OH2-10-01-TIM-Voter-History-Changed-2021-2022-SOSID-Unchanged-voted2022.sql
3 LAW: 1. Ohio Election Official Manual (2022), p. 106: "If an elector or voter registrant fails
4 both to respond to a Voter Information Confirmation Notice and update their voter registration,
5 engage in voter-initiated activity or vote by the appropriate four-year anniversary date
6 (established under a mailing pursuant to the NVRA or pursuant to these procedures that includes
7 two federal general elections), the registration of the elector shall be cancelled ... " An
8 elector's voter history (record of participation) is directly relevant to the carrying out of this
9 statute.
10 2. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg. One of its four stated purposes is
11 "to ensure that accurate and current voter registration rolls are maintained."
12 3. For an election to be accurate and compliant, the number of votes cast must equal the number of
13 voters who voted.
14 PURPOSE: Identify electors in the statewide voter file whose voter history changed between
15 January 2, 2021 and December 10, 2022 in at least one November general election (2000-2020) in
16 cases where their State Voter ID Number did not change AND voted in the November 2022 GE as
17 demonstrated by the voter history for the November 2022 general election in at least one of the
18 following statewide voter files: December 10, 17, 24, or 31, 2022.
19 TABLES: dbo.swvf_010221, dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
20 STATE FILES USED IN ANALYSIS:
21 1. January 2, 2021 Statewide Voter File [dbo.swvf_010221]
22   a. 2021-01-02 Statewide Voter File (county 1-22)-week-01.txt.gz
23     [md5 hash: 4f6bf79c6f70417af7f05e2cf42da68f]
24   b. 2021-01-02 Statewide Voter File (county 23-44)-week-01.txt.gz
25     [md5 hash: 2b0e80851368861fc74b1d9d93642d81]
26   c. 2021-01-02 Statewide Voter File (county 45-66)-week-01.txt.gz
27     [md5 hash: 3d5674ed198167e903f44b05cb489810]
28   d. 2021-01-02 Statewide Voter File (county 67-88)-week-01.txt.gz
29     [md5 hash: f392a1678ff4f2b658b913758875e782]
30 2. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
31   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
  
```

```

32      [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
33      b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
34      [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
35      c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
36      [md5 hash: f152c69d188cadd33735d36a1703f96c]
37      d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
38      [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
39      3. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
40      a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz
41      [md5 hash: c3691bb155787651b18587128059e122]
42      b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
43      [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
44      c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
45      [md5 hash: cf7ec4123d1e60804edb74866077d55c]
46      d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
47      [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
48      4. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
49      a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
50      [md5 hash: af56b41e009e08405d0545a815635b69]
51      b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
52      [md5 hash: bb14a788f48e158550dc507669ee4e6]
53      c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
54      [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
55      d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
56      [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
57      5. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
58      a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
59      [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
60      b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
61      [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
62      c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
63      [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
64      d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
65      [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
66      RESULTS: 9,614 rows. 1:30 running time.
67      DATA OUTPUT FILE: USA-OH2-10-01-TIM-Voter-History-Changed-2021-2022-SOSID-Unchanged-voted2022.xlsx
68      *****/
69
70      /*Create temptable of voter history for the November 2022 general election from the December 10,
71      17, 24, and 31, 2022 OH statewide voter files.*/
72      select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
73
74      insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
75      select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
76
77      insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
78      select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
79

```

```

80 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
81 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
82
83 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
84 SELECT x.SOS_VOTERID as SOSID, x.GENERAL_11_08_2022, y.[aGEN2020], y.[bGEN2020], y.[aGEN2019],
85 y.[bGEN2019]
86     , y.[aGEN2018], y.[bGEN2018], y.[aGEN2017], y.[bGEN2017], y.[aGEN2016], y.[bGEN2016], y.[aGEN2015],
87 y.[bGEN2015]
88     , y.[aGEN2014], y.[bGEN2014], y.[aGEN2013], y.[bGEN2013], y.[aGEN2012], y.[bGEN2012], y.[aGEN2011],
89 y.[bGEN2011]
90     , y.[aGEN2010], y.[bGEN2010], y.[aGEN2009], y.[bGEN2009], y.[aGEN2008], y.[bGEN2008], y.[aGEN2007],
91 y.[bGEN2007]
92     , y.[aGEN2006], y.[bGEN2006], y.[aGEN2005], y.[bGEN2005], y.[aGEN2004], y.[bGEN2004], y.[aGEN2003],
93 y.[bGEN2003]
94     , y.[aGEN2002], y.[bGEN2002], y.[aGEN2001], y.[bGEN2001], y.[aGEN2000], y.[bGEN2000]
95 FROM
96     (
97         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
98         FROM #voterlist
99         WHERE GENERAL_11_08_2022 like 'X'
100     ) x
101 INNER JOIN
102 /*Identify electors in the statewide voter file whose voter history changed between
103 January 2, 2021 and December 10, 2022 in at least one November general election (2000-2020) in
104 cases where their State Voter ID Number did not change.*/
105     (
106         SELECT a.SOS_VOTERID, a.GENERAL_11_03_2020 as [aGEN2020], b.GENERAL_11_03_2020 as [bGEN2020]
107             , a.GENERAL_11_05_2019 as [aGEN2019], b.GENERAL_11_05_2019 as [bGEN2019]
108             , a.GENERAL_11_06_2018 as [aGEN2018], b.GENERAL_11_06_2018 as [bGEN2018]
109             , a.GENERAL_11_07_2017 as [aGEN2017], b.GENERAL_11_07_2017 as [bGEN2017]
110             , a.GENERAL_11_08_2016 as [aGEN2016], b.GENERAL_11_08_2016 as [bGEN2016]
111             , a.GENERAL_11_03_2015 as [aGEN2015], b.GENERAL_11_03_2015 as [bGEN2015]
112             , a.GENERAL_11_04_2014 as [aGEN2014], b.GENERAL_11_04_2014 as [bGEN2014]
113             , a.GENERAL_11_05_2013 as [aGEN2013], b.GENERAL_11_05_2013 as [bGEN2013]
114             , a.GENERAL_11_06_2012 as [aGEN2012], b.GENERAL_11_06_2012 as [bGEN2012]
115             , a.GENERAL_11_08_2011 as [aGEN2011], b.GENERAL_11_08_2011 as [bGEN2011]
116             , a.GENERAL_11_02_2010 as [aGEN2010], b.GENERAL_11_02_2010 as [bGEN2010]
117             , a.GENERAL_11_03_2009 as [aGEN2009], b.GENERAL_11_03_2009 as [bGEN2009]
118             , a.GENERAL_11_04_2008 as [aGEN2008], b.GENERAL_11_04_2008 as [bGEN2008]
119             , a.GENERAL_11_06_2007 as [aGEN2007], b.GENERAL_11_06_2007 as [bGEN2007]
120             , a.GENERAL_11_07_2006 as [aGEN2006], b.GENERAL_11_07_2006 as [bGEN2006]
121             , a.GENERAL_11_08_2005 as [aGEN2005], b.GENERAL_11_08_2005 as [bGEN2005]
122             , a.GENERAL_11_02_2004 as [aGEN2004], b.GENERAL_11_02_2004 as [bGEN2004]
123             , a.GENERAL_11_04_2003 as [aGEN2003], b.GENERAL_11_04_2003 as [bGEN2003]
124             , a.GENERAL_11_05_2002 as [aGEN2002], b.GENERAL_11_05_2002 as [bGEN2002]
125             , a.GENERAL_11_06_2001 as [aGEN2001], b.GENERAL_11_06_2001 as [bGEN2001]
126             , a.GENERAL_11_07_2000 as [aGEN2000], b.GENERAL_11_07_2000 as [bGEN2000]
127         FROM SWVF_121022 b

```

```

128     INNER JOIN SWVF_010221 a
129     ON a.SOS_VOTERID = b.SOS_VOTERID
130     WHERE (a.GENERAL_11_03_2020 <> b.GENERAL_11_03_2020 OR a.GENERAL_11_05_2019 <>
131     b.GENERAL_11_05_2019
132         OR a.GENERAL_11_06_2018 <> b.GENERAL_11_06_2018 OR a.GENERAL_11_07_2017 <>
133     b.GENERAL_11_07_2017
134         OR a.GENERAL_11_08_2016 <> b.GENERAL_11_08_2016 OR a.GENERAL_11_03_2015 <>
135     b.GENERAL_11_03_2015
136         OR a.GENERAL_11_04_2014 <> b.GENERAL_11_04_2014 OR a.GENERAL_11_05_2013 <>
137     b.GENERAL_11_05_2013
138         OR a.GENERAL_11_06_2012 <> b.GENERAL_11_06_2012 OR a.GENERAL_11_08_2011 <>
139     b.GENERAL_11_08_2011
140         OR a.GENERAL_11_02_2010 <> b.GENERAL_11_02_2010 OR a.GENERAL_11_03_2009 <>
141     b.GENERAL_11_03_2009
142         OR a.GENERAL_11_04_2008 <> b.GENERAL_11_04_2008 OR a.GENERAL_11_06_2007 <>
143     b.GENERAL_11_06_2007
144         OR a.GENERAL_11_07_2006 <> b.GENERAL_11_07_2006 OR a.GENERAL_11_08_2005 <>
145     b.GENERAL_11_08_2005
146         OR a.GENERAL_11_02_2004 <> b.GENERAL_11_02_2004 OR a.GENERAL_11_04_2003 <>
147     b.GENERAL_11_04_2003
148         OR a.GENERAL_11_05_2002 <> b.GENERAL_11_05_2002 OR a.GENERAL_11_06_2001 <>
149     b.GENERAL_11_06_2001
150         OR a.GENERAL_11_07_2000 <> b.GENERAL_11_07_2000)
151     ) y
152     ON x.SOS_VOTERID=y.SOS_VOTERID
153
154     /*Delete the temptable*/
155     DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	aGEN2020	bGEN2020	aGEN2019	bGEN2019	aGEN2018	bGEN2018	aGEN2017	bGEN2017	aGEN2016	bGEN2016
OH0026087	X		X				X		X		X
OH0017257	X	X		X	X	X	X	X	X	X	
OH0026109	X		X				X		X		X
OH0026114	X		X				X				X
OH0018560	X		X								

*State voter identification number changed*

We searched/compared the January 2, 2021 and December 10, 2022 statewide voter rolls for electors (first name, middle name, last name, and date of birth) whose state voter identification number changed and whose voter history in at least one November general election during the period 2000-2020 changed between the two files. 19,424 records were identified.

```

1  /*****
2  FILENAME: USA-OH1-10-02-TIM-Voter-History-Changed-2021-2022-SOSID-Changed.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 106: "If an elector or voter registrant fails
4  both to respond to a Voter Information Confirmation Notice and update their voter registration,
5  engage in voter-initiated activity or vote by the appropriate four-year anniversary date
6  (established under a mailing pursuant to the NVRA or pursuant to these procedures that includes

```

7 two federal general elections), the registration of the elector shall be cancelled ... " An  
8 elector's voter history (record of participation) is directly relevant to the carrying out of this  
9 statute.

10 2. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg. One of its four stated purposes is  
11 "to ensure that accurate and current voter registration rolls are maintained."

12 3. For an election to be accurate and compliant, the number of votes cast must equal the number of  
13 voters who voted.

14 4. Help America Vote Act of 2002, 42 U.S.C. § 15483(a)(1)(A): "Every legally registered voter  
15 in the State" shall be assigned "a unique identifier."

16 By Ohio law, voter history is an element in determining one's voter status (eligibility to  
17 remain on the list of eligible voters).

18 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose voter history  
19 changed between January 2, 2021 and December 10, 2022 in at least one November general election  
20 (2000-2020) in cases where their State Voter ID Number changes.

21 TABLES: dbo.swvf\_010221, dbo.swvf\_121022

22 STATE FILES USED IN ANALYSIS:

23 1. January 2, 2021 Statewide Voter File [dbo.swvf\_010221]

- 24 a. 2021-01-02 Statewide Voter File (county 1-22)-week-01.txt.gz  
25 [md5 hash: 4f6bf79c6f70417af7f05e2cf42da68f]
- 26 b. 2021-01-02 Statewide Voter File (county 23-44)-week-01.txt.gz  
27 [md5 hash: 2b0e80851368861fc74b1d9d93642d81]
- 28 c. 2021-01-02 Statewide Voter File (county 45-66)-week-01.txt.gz  
29 [md5 hash: 3d5674ed198167e903f44b05cb489810]
- 30 d. 2021-01-02 Statewide Voter File (county 67-88)-week-01.txt.gz  
31 [md5 hash: f392a1678ff4f2b658b913758875e782]

32 2. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]

- 33 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
34 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
- 35 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
36 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
- 37 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
38 [md5 hash: f152c69d188cadd33735d36a1703f96c]
- 39 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
40 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

41 RESULTS: 19,424 rows. 1:34 running time.

42 DATA OUTPUT FILE: USA-OH1-10-02-TIM-Voter-History-Changed-2021-2022-SOSID-Changed.xlsx

43 \*\*\*\*\*/

```
44  
45 SELECT a.SOS_VOTERID as [aSOSID], b.SOS_VOTERID as [bSOSID]  
46         , a.FIRST_NAME + ' ' + a.MIDDLE_NAME + ' ' + a.LAST_NAME + ' ' + cast(a.DATE_OF_BIRTH as  
47 varchar(10)) as [aREFERENCE]  
48         , b.FIRST_NAME + ' ' + b.MIDDLE_NAME + ' ' + b.LAST_NAME + ' ' + cast(b.DATE_OF_BIRTH as  
49 varchar(10)) as [bREFERENCE]  
50         , a.GENERAL_11_03_2020 as [aGEN2020], b.GENERAL_11_03_2020 as [bGEN2020]  
51         , a.GENERAL_08_07_2018 as [aGEN2018], b.GENERAL_08_07_2018 as [bGEN2018]  
52 FROM dbo.SWVF_010221 a  
53 INNER JOIN dbo.SWVF_121022 b  
54 ON a.FIRST_NAME = b.FIRST_NAME
```



```

55     AND a.MIDDLE_NAME = b.MIDDLE_NAME
56     AND a.LAST_NAME = b.LAST_NAME
57     AND a.DATE_OF_BIRTH = b.DATE_OF_BIRTH
58 WHERE a.SOS_VOTERID <> b.SOS_VOTERID
59     AND a.FIRST_NAME + ' ' + a.MIDDLE_NAME + ' ' + a.LAST_NAME + ' ' + cast(a.DATE_OF_BIRTH as
60 varchar(10))
61     = b.FIRST_NAME + ' ' + b.MIDDLE_NAME + ' ' + b.LAST_NAME + ' ' + cast(b.DATE_OF_BIRTH as
62 varchar(10))
63     AND (a.GENERAL_11_03_2020 <> b.GENERAL_11_03_2020
64     OR a.GENERAL_11_05_2019 <> b.GENERAL_11_05_2019
65     OR a.GENERAL_11_06_2018 <> b.GENERAL_11_06_2018
66     OR a.GENERAL_11_07_2017 <> b.GENERAL_11_07_2017
67     OR a.GENERAL_11_08_2016 <> b.gENERAL_11_08_2016
68     OR a.GENERAL_11_03_2015 <> b.GENERAL_11_03_2015
69     OR a.GENERAL_11_04_2014 <> b.GENERAL_11_04_2014
70     OR a.GENERAL_11_05_2013 <> b.GENERAL_11_05_2013
71     OR a.GENERAL_11_06_2012 <> b.GENERAL_11_06_2012
72     OR a.GENERAL_11_08_2011 <> b.GENERAL_11_08_2011
73     OR a.GENERAL_11_02_2010 <> b.GENERAL_11_02_2010
74     OR a.GENERAL_11_03_2009 <> b.GENERAL_11_03_2009
75     OR a.GENERAL_11_04_2008 <> b.GENERAL_11_04_2008
76     OR a.GENERAL_11_06_2007 <> b.GENERAL_11_06_2007
77     OR a.GENERAL_11_07_2006 <> b.GENERAL_11_07_2006
78     OR a.GENERAL_11_08_2005 <> b.GENERAL_11_08_2005
79     OR a.GENERAL_11_02_2004 <> b.GENERAL_11_02_2004
80     OR a.GENERAL_11_04_2003 <> b.GENERAL_11_04_2003
81     OR a.GENERAL_11_05_2002 <> b.GENERAL_11_05_2002
82     OR a.GENERAL_11_06_2001 <> b.GENERAL_11_06_2001
83     OR a.GENERAL_11_07_2000 <> b.GENERAL_11_07_2000)

```

Sample of the results:

aSOSID	bSOSID	aREFEREN...	bREFERENCE	aGEN2020	bGEN2020	aGEN2018	bGEN2018
OH0025221...	OH0026714...	LINDA M AYAL...	LINDA M AYAL...	X			
OH0020141...	OH0026721...	BRYAN D SMIL...	BRYAN D SMIL...	X			
OH0021420...	OH0026072...	HAYLEY ROSE ...	HAYLEY ROSE ...		X		
OH0024502...	OH0026757...	ERIC JOHN BE...	ERIC JOHN BE...	X		X	
OH0011510...	OH0025029...	BARBARA R DO...	BARBARA R DO...		X		

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors whose state voter identification number changed and whose voter history in at least one November general election during the period 2000-2020 changed between the January 2, 2021 (post-2020 GE) and December 10, 2022 statewide voter rolls, and who voted in the November 2022 general election. 8,596 records were identified.

```

1  /*****
2  FILENAME: USA-OH2-10-02-TIM-Voter-History-Changed-2021-2022-SOSID-Changed-voted2022.sql
3  LAW: 1. Ohio Election Official Manual (2022), p. 106: "If an elector or voter registrant fails
4  both to respond to a Voter Information Confirmation Notice and update their voter registration,

```

5 engage in voter-initiated activity or vote by the appropriate four-year anniversary date  
6 (established under a mailing pursuant to the NVRA or pursuant to these procedures that includes  
7 two federal general elections), the registration of the elector shall be cancelled ... " An  
8 elector's voter history (record of participation) is directly relevant to the carrying out of this  
9 statute.

10 2. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg. One of its four stated purposes is  
11 "to ensure that accurate and current voter registration rolls are maintained."

12 3. For an election to be accurate and compliant, the number of votes cast must equal the number of  
13 voters who voted.

14 4. Help America Vote Act of 2002, 42 U.S.C. § 15483(a)(1)(A): "Every legally registered voter  
15 in the State" shall be assigned "a unique identifier."

16 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose voter history  
17 changed between January 2, 2021 and December 10, 2022 in at least one November general election  
18 (2000-2020) in cases where their State Voter ID Number changed AND voted in the November 2022 GE as  
19 demonstrated by the voter history for the November 2022 general election in at least one of the  
20 following statewide voter files: December 10, 17, 24, or 31, 2022.

21 TABLES: dbo.swvf\_010221, dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122

22 STATE FILES USED IN ANALYSIS:

- 23 1. January 2, 2021 Statewide Voter File [dbo.swvf\_010221]
  - 24 a. 2021-01-02 Statewide Voter File (county 1-22)-week-01.txt.gz  
25 [md5 hash: 4f6bf79c6f70417af7f05e2cf42da68f]
  - 26 b. 2021-01-02 Statewide Voter File (county 23-44)-week-01.txt.gz  
27 [md5 hash: 2b0e80851368861fc74b1d9d93642d81]
  - 28 c. 2021-01-02 Statewide Voter File (county 45-66)-week-01.txt.gz  
29 [md5 hash: 3d5674ed198167e903f44b05cb489810]
  - 30 d. 2021-01-02 Statewide Voter File (county 67-88)-week-01.txt.gz  
31 [md5 hash: f392a1678ff4f2b658b913758875e782]
- 32 2. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 33 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
34 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 35 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
36 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 37 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
38 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 39 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
40 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 41 3. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 42 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
43 [md5 hash: c3691bb155787651b18587128059e122]
  - 44 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
45 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 46 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
47 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 48 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
49 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 50 4. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 51 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
52 [md5 hash: af56b41e009e08405d0545a815635b69]

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53     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
54         [md5 hash: bb14a788f48e158550dc507669ee4e6]
55     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
56         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
57     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
58         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
59 5. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
60     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
61         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
62     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
63         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
64     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
65         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
66     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
67         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
68 RESULTS: 8,596 rows. 2:25 running time.
69 DATA OUTPUT FILE: USA-0H2-10-02-TIM-Voter-History-Changed-2021-2022-SOSID-Changed-voted2022.xlsx
70 *****/
71
72 /*Create temptable of voter history for the November 2022 general election from the December 10,
73 17, 24, and 31, 2022 0H statewide voter files.*/
74 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-10'
75 as SWVF_DATE into #VoterList from SWVF_121022
76
77 insert into #VoterList (SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH,
78 GENERAL_11_08_2022, SWVF_DATE)
79 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-17'
80 as SWVF_DATE from SWVF_121722
81
82 insert into #VoterList(SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH,
83 GENERAL_11_08_2022, SWVF_DATE)
84 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-24'
85 as SWVF_DATE from SWVF_122422
86
87 insert into #VoterList(SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH,
88 GENERAL_11_08_2022, SWVF_DATE)
89 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-31'
90 as SWVF_DATE from SWVF_123122
91
92 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
93 SELECT DISTINCT y.[01/02/2021 SOSID], y.[12/10/2022 SOSID], x.GENERAL_11_08_2022, y.FIRST_NAME as FN
94     , y.MIDDLE_NAME as MN, y.LAST_NAME as LN, y.DATE_OF_BIRTH as DOB, y.[1/2/21 GEN2020], y.[12/10/22
95     GEN2020]
96     , y.[1/2/21 GEN2019], y.[12/10/22 GEN2019], y.[1/2/21 GEN2018], y.[12/10/22 GEN2018]
97     , y.[1/2/21 GEN2017], y.[12/10/22 GEN2017], y.[1/2/21 GEN2016], y.[12/10/22 GEN2016]
98     , y.[1/2/21 GEN2015], y.[12/10/22 GEN2015], y.[1/2/21 GEN2014], y.[12/10/22 GEN2014]
99     , y.[1/2/21 GEN2013], y.[12/10/22 GEN2013], y.[1/2/21 GEN2012], y.[12/10/22 GEN2012]
100    , y.[1/2/21 GEN2011], y.[12/10/22 GEN2011], y.[1/2/21 GEN2010], y.[12/10/22 GEN2010]

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101     , y.[1/2/21 GEN2009], y.[12/10/22 GEN2009], y.[1/2/21 GEN2008], y.[12/10/22 GEN2008]
102     , y.[1/2/21 GEN2007], y.[12/10/22 GEN2007], y.[1/2/21 GEN2006], y.[12/10/22 GEN2006]
103     , y.[1/2/21 GEN2005], y.[12/10/22 GEN2005], y.[1/2/21 GEN2004], y.[12/10/22 GEN2004]
104     , y.[1/2/21 GEN2003], y.[12/10/22 GEN2003], y.[1/2/21 GEN2020], y.[12/10/22 GEN2003]
105     , y.[1/2/21 GEN2002], y.[12/10/22 GEN2002], y.[1/2/21 GEN2001], y.[12/10/22 GEN2001]
106     , y.[1/2/21 GEN2000], y.[12/10/22 GEN2000]
107 FROM
108     (
109         SELECT DISTINCT FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022
110         FROM #voterlist
111         WHERE GENERAL_11_08_2022 like 'X'
112     ) x
113 INNER JOIN
114     /*Identify electors in the December 10, 2022 OH statewide voter file whose voter history changed
115     between January 2, 2021 and December 10, 2022 in at least one November general election
116     (2000-2020) in cases where their State Voter ID Number changed.*/
117     (
118         SELECT a.SOS_VOTERID as [01/02/2021 SOSID], b.SOS_VOTERID as [12/10/2022 SOSID]
119         , a.GENERAL_11_03_2020 as [1/2/21 GEN2020], b.GENERAL_11_03_2020 as [12/10/22 GEN2020]
120         , a.GENERAL_11_05_2019 as [1/2/21 GEN2019], b.GENERAL_11_05_2019 as [12/10/22 GEN2019]
121         , a.GENERAL_11_06_2018 as [1/2/21 GEN2018], b.GENERAL_11_06_2018 as [12/10/22 GEN2018]
122         , a.GENERAL_11_07_2017 as [1/2/21 GEN2017], b.GENERAL_11_07_2017 as [12/10/22 GEN2017]
123         , a.GENERAL_11_08_2016 as [1/2/21 GEN2016], b.general_11_08_2016 as [12/10/22 GEN2016]
124         , a.GENERAL_11_03_2015 as [1/2/21 GEN2015], b.GENERAL_11_03_2015 as [12/10/22 GEN2015]
125         , a.GENERAL_11_04_2014 as [1/2/21 GEN2014], b.GENERAL_11_04_2014 as [12/10/22 GEN2014]
126         , a.GENERAL_11_05_2013 as [1/2/21 GEN2013], b.GENERAL_11_05_2013 as [12/10/22 GEN2013]
127         , a.GENERAL_11_06_2012 as [1/2/21 GEN2012], b.GENERAL_11_06_2012 as [12/10/22 GEN2012]
128         , a.GENERAL_11_08_2011 as [1/2/21 GEN2011], b.GENERAL_11_08_2011 as [12/10/22 GEN2011]
129         , a.GENERAL_11_02_2010 as [1/2/21 GEN2010], b.GENERAL_11_02_2010 as [12/10/22 GEN2010]
130         , a.GENERAL_11_03_2009 as [1/2/21 GEN2009], b.GENERAL_11_03_2009 as [12/10/22 GEN2009]
131         , a.GENERAL_11_04_2008 as [1/2/21 GEN2008], b.GENERAL_11_04_2008 as [12/10/22 GEN2008]
132         , a.GENERAL_11_06_2007 as [1/2/21 GEN2007], b.GENERAL_11_06_2007 as [12/10/22 GEN2007]
133         , a.GENERAL_11_07_2006 as [1/2/21 GEN2006], b.GENERAL_11_07_2006 as [12/10/22 GEN2006]
134         , a.GENERAL_11_08_2005 as [1/2/21 GEN2005], b.GENERAL_11_08_2005 as [12/10/22 GEN2005]
135         , a.GENERAL_11_02_2004 as [1/2/21 GEN2004], b.GENERAL_11_02_2004 as [12/10/22 GEN2004]
136         , a.GENERAL_11_04_2003 as [1/2/21 GEN2003], b.GENERAL_11_04_2003 as [12/10/22 GEN2003]
137         , a.GENERAL_11_05_2002 as [1/2/21 GEN2002], b.GENERAL_11_05_2002 as [12/10/22 GEN2002]
138         , a.GENERAL_11_06_2001 as [1/2/21 GEN2001], b.GENERAL_11_06_2001 as [12/10/22 GEN2001]
139         , a.GENERAL_11_07_2000 as [1/2/21 GEN2000], b.GENERAL_11_07_2000 as [12/10/22 GEN2000]
140         , a.COUNTY_NUMBER as [aCN], b.COUNTY_NUMBER as [bCN]
141         , a.FIRST_NAME, a.MIDDLE_NAME, a.LAST_NAME, a.DATE_OF_BIRTH
142         , a.FIRST_NAME + ' ' + a.MIDDLE_NAME + ' ' + a.LAST_NAME + ' ' + cast(a.DATE_OF_BIRTH as
143     varchar(10)) as [aREFERENCE]
144         , b.FIRST_NAME + ' ' + b.MIDDLE_NAME + ' ' + b.LAST_NAME + ' ' + cast(b.DATE_OF_BIRTH as
145     varchar(10)) as [bREFERENCE]
146         , a.RESIDENTIAL_ADDRESS1 as [aADDR], b.RESIDENTIAL_ADDRESS1 as [bADDR]
147         , a.REGISTRATION_DATE as [aREGDate], b.REGISTRATION_DATE as [bREGDate]
148     FROM dbo.SWVF_010221 a

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```

149     INNER JOIN dbo.SWVF_121022 b
150     ON a.FIRST_NAME = b.FIRST_NAME
151         AND a.MIDDLE_NAME = b.MIDDLE_NAME
152         AND a.LAST_NAME = b.LAST_NAME
153         AND a.DATE_OF_BIRTH = b.DATE_OF_BIRTH
154     WHERE a.SOS_VOTERID <> b.SOS_VOTERID
155         AND a.FIRST_NAME + ' ' + a.MIDDLE_NAME + ' ' + a.LAST_NAME + ' ' + cast(a.DATE_OF_BIRTH as
156     varchar(10))
157         = b.FIRST_NAME + ' ' + b.MIDDLE_NAME + ' ' + b.LAST_NAME + ' ' + cast(b.DATE_OF_BIRTH
158     as varchar(10))
159         AND (a.GENERAL_11_03_2020 <> b.GENERAL_11_03_2020
160         OR a.GENERAL_11_05_2019 <> b.GENERAL_11_05_2019
161         OR a.GENERAL_11_06_2018 <> b.GENERAL_11_06_2018
162         OR a.GENERAL_11_07_2017 <> b.GENERAL_11_07_2017
163         OR a.GENERAL_11_08_2016 <> b.gENERAL_11_08_2016
164         OR a.GENERAL_11_03_2015 <> b.GENERAL_11_03_2015
165         OR a.GENERAL_11_04_2014 <> b.GENERAL_11_04_2014
166         OR a.GENERAL_11_05_2013 <> b.GENERAL_11_05_2013
167         OR a.GENERAL_11_06_2012 <> b.GENERAL_11_06_2012
168         OR a.GENERAL_11_08_2011 <> b.GENERAL_11_08_2011
169         OR a.GENERAL_11_02_2010 <> b.GENERAL_11_02_2010
170         OR a.GENERAL_11_03_2009 <> b.GENERAL_11_03_2009
171         OR a.GENERAL_11_04_2008 <> b.GENERAL_11_04_2008
172         OR a.GENERAL_11_06_2007 <> b.GENERAL_11_06_2007
173         OR a.GENERAL_11_07_2006 <> b.GENERAL_11_07_2006
174         OR a.GENERAL_11_08_2005 <> b.GENERAL_11_08_2005
175         OR a.GENERAL_11_02_2004 <> b.GENERAL_11_02_2004
176         OR a.GENERAL_11_04_2003 <> b.GENERAL_11_04_2003
177         OR a.GENERAL_11_05_2002 <> b.GENERAL_11_05_2002
178         OR a.GENERAL_11_06_2001 <> b.GENERAL_11_06_2001
179         OR a.GENERAL_11_07_2000 <> b.GENERAL_11_07_2000)
180     ) y
181     ON x.FIRST_NAME = y.FIRST_NAME
182         AND x.MIDDLE_NAME = y.MIDDLE_NAME
183         AND x.LAST_NAME = y.LAST_NAME
184         AND x.DATE_OF_BIRTH = y.DATE_OF_BIRTH
185
186 /*Delete the temptable*/
187 DROP TABLE #VoterList

```

Sample of the results:

01/02/...	12/10/...	GENERAL_11_08_2022	FN	MN	LN	DOB	1/2/21 GEN2020	12/10/22 GEN2020	1/2/21 GEN2019	12/10/22 GEN2019	1/2/21 GEN2018	12/10/22 GEN2018
OH00228635	OH0026752	X	ROBE	A	ROLL	1962-06-05	X		X		X	
OH00227876	OH0026716	X	KATH	ANNE	MCDON	1995-06-21					X	
OH00236890	OH0012314	X	WILL	S	MYERS	1978-07-02	X	X			X	X
OH00233900	OH0026742	X	LYDIA	LORE	THOR	1974-11-03	X				X	
OH00258175	OH0026750	X	WILL	STEP	BLOOD	2000-05-18	X					

## Registration date altered backwards (new registration date pre-dates record in earlier voter roll)

It is contrary to the logic of time that the date of an event in a future record is earlier than the date for the same event in a past record. We searched/compared the December 4, 2020 and December 10 2022 voter rolls for electors whose registration date in the December 10, 2022 statewide voter roll was earlier than their registration date in the December 4, 2020 voter roll. 120,094 records were identified.

```
1 /*****
2 FILENAME: USA-OH1-11-01-TIM-Registration-Date-Changed-Backwards-2020-2022.sql
3 LAW: 1. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg. One of its four stated
4 purposes is "to ensure that accurate and current voter registration rolls are maintained."
5 2. It is contrary to the logic of time that the date of an event in a future record is earlier
6 than the date for the same event in a past record.
7 PURPOSE: Identify electors in the statewide voter file whose registration date in the December
8 10, 2022 OH statewide voter file was earlier than their registration date in the December 5, 2020
9 file.
10 TABLES: dbo.swvf_120520, dbo.swvf_121022
11 STATE FILES USED IN ANALYSIS:
12 1. December 5, 2020 Statewide Voter File [dbo.swvf_120520]
13     a. 2020-12-05 Statewide Voter File (county 1-22)-week-49.txt.gz
14        [md5 hash: f83469c82902f75cf586a1361ecf8315]
15     b. 2020-12-05 Statewide Voter File (county 23-44)-week-49.txt.gz
16        [md5 hash: 42e6012bc2379677e6ddd076da22c4a7]
17     c. 2020-12-05 Statewide Voter File (county 45-66)-week-49.txt.gz
18        [md5 hash: a32d4dd612ef801a723a5d74698fcb72]
19     d. 2020-12-05 Statewide Voter File (county 67-88)-week-49.txt.gz
20        [md5 hash: 9e28e5e7886e089b242e374175cbc46e]
21 2. December 10, 2022 Statewide Voter File [dbo.swvf_121022]
22     a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
23        [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
24     b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
25        [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
26     c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
27        [md5 hash: f152c69d188cadd33735d36a1703f96c]
28     d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
29        [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
30 RESULTS: 120,094 rows. 0:07 running time.
31 DATA OUTPUT FILE: USA-OH1-11-01-TIM-Registration-Date-Changed-Backwards-2020-2022.xlsx
32 *****/
33
34 SELECT a.SOS_VOTERID as SOSID
35        , b.REGISTRATION_DATE as [RegDate 12/05/2020]
36        , a.REGISTRATION_DATE as [RegDate 12/10/2022]
37 FROM dbo.SWVF_121022 a
38 INNER JOIN dbo.SWVF_120520 b
39 ON a.SOS_VOTERID = b.SOS_VOTERID
```

40 WHERE a.REGISTRATION\_DATE < b.REGISTRATION\_DATE

Sample of the results:

SOSID	RegDate 12/05/2020	RegDate 12/10/2022
OH0012719...	2016-08-15	1992-09-21
OH0012729...	2015-11-10	1998-01-26
OH0012661...	2016-04-04	1996-04-19
OH0017813...	2015-09-03	1998-03-30
OH0022088...	2019-07-22	2012-10-02

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors whose registration date in the December 10, 2022 statewide voter roll was earlier than their registration date in the December 4, 2020 voter roll, and who voted in the November 2022 general election. 63,513 records were identified.

```

1 /*****
2 FILENAME: USA-OH2-11-01-TIM-Registration-Date-Changed-Backwards-2020-2022-voted2022.sql
3 LAW: 1. National Voter Registration Act of 1993, 42 U.S.C. § 1973gg. One of its four stated
4 purposes is "to ensure that accurate and current voter registration rolls are maintained."
5 2. It is contrary to the logic of time that the date of an event in a future record is earlier
6 than the date for the same event in a past record.
7 PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose registration date
8 in the December 10, 2022 statewide voter file was earlier than their registration date in the
9 December 5, 2020 file AND who voted in the 2022 GE AND voted in the November 2022 GE as demonstrated
10 by the voter history for the November 2022 general election in at least one of the following
11 statewide voter files: December 10, 17, 24, or 31, 2022.
12 TABLES: dbo.swvf_120520, dbo.swvf_121022, dbo.swvf_121722, dbo.swvf_122422, dbo.swvf_123122
13 STATE FILES USED IN ANALYSIS:
14 1. December 5, 2020 Statewide Voter File [dbo.swvf_120520]
15   a. 2020-12-05 Statewide Voter File (county 1-22)-week-49.txt.gz
16     [md5 hash: f83469c82902f75cf586a1361ecf8315]
17   b. 2020-12-05 Statewide Voter File (county 23-44)-week-49.txt.gz
18     [md5 hash: 42e6012bc2379677e6ddd076da22c4a7]
19   c. 2020-12-05 Statewide Voter File (county 45-66)-week-49.txt.gz
20     [md5 hash: a32d4dd612ef801a723a5d74698fcb72]
21   d. 2020-12-05 Statewide Voter File (county 67-88)-week-49.txt.gz
22     [md5 hash: 9e28e5e7886e089b242e374175cbc46e]
23 2. December 10, 2022 Statewide Voter File[dbo.swvf_121022]
24   a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
25     [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
26   b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
27     [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
28   c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
29     [md5 hash: f152c69d188cadd33735d36a1703f96c]
30   d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
31     [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
32 3. December 17, 2022 Statewide Voter File [dbo.swvf_121722]
33   a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz

```

```

34         [md5 hash: c3691bb155787651b18587128059e122]
35     b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz
36         [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
37     c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz
38         [md5 hash: cf7ec4123d1e60804edb74866077d55c]
39     d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz
40         [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
41 4. December 24, 2022 Statewide Voter File [dbo.swvf_122422]
42     a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz
43         [md5 hash: af56b41e009e08405d0545a815635b69]
44     b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz
45         [md5 hash: bb14a788f48e158550dc507669ee4e6]
46     c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz
47         [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
48     d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz
49         [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
50 5. December 31, 2022 Statewide Voter File [dbo.swvf_123122]
51     a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz
52         [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]
53     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
54         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
55     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
56         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
57     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
58         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
59 RESULTS: 63,513 rows. 1:38 running time.
60 DATA OUTPUT FILE: USA-OH2-11-01-TIM-Registration-Date-Changed-Backwards-2020-2022-voted2022.xlsx
61 *****/
62
63 /*Create temptable of voter history for the November 2022 general election from the December 10,
64 17, 24, and 31, 2022 OH statewide voter files.*/
65 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-10' as SWVF_DATE into #VoterList from SWVF_121022
66
67 insert into #VoterList (SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
68 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-17' as SWVF_DATE from SWVF_121722
69
70 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
71 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-24' as SWVF_DATE from SWVF_122422
72
73 insert into #VoterList(SOS_VOTERID, GENERAL_11_08_2022, SWVF_DATE)
74 select SOS_VOTERID, GENERAL_11_08_2022, '2022-12-31' as SWVF_DATE from SWVF_123122
75
76 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
77 SELECT a.SOS_VOTERID as SOSID, a.GENERAL_11_08_2022, b.[RegDate 12/05/2020], b.[RegDate 12/10/2022]
78 FROM
79     (
80         SELECT DISTINCT SOS_VOTERID, GENERAL_11_08_2022
81         FROM #voterlist

```



```

82         WHERE GENERAL_11_08_2022 like 'X'
83     ) a
84 INNER JOIN
85     /*Identify electors in the December 10, 2022 OH statewide voter file whose registration date
86     in the December 10, 2022 statewide voter file was earlier than their registration date in the
87     December 5, 2020 file.*/
88     (
89         SELECT a.SOS_VOTERID
90             , a.REGISTRATION_DATE as [RegDate 12/10/2022]
91             , b.REGISTRATION_DATE as [RegDate 12/05/2020]
92         FROM dbo.SWVF_121022 a
93         INNER JOIN dbo.SWVF_120520 b
94         ON a.SOS_VOTERID = b.SOS_VOTERID
95         WHERE a.REGISTRATION_DATE < b.REGISTRATION_DATE
96     ) b
97 ON a.SOS_VOTERID=b.SOS_VOTERID
98
99 /*Delete the temptable*/
100 DROP TABLE #VoterList

```

Sample of the results:

SOSID	GENERAL_11_08_2022	RegDate 12/05/2020	RegDate 12/10/2022
OH0023403...	X	2020-10-05	2015-11-23
OH0017830...	X	2007-09-20	2002-03-14
OH0017809...	X	2016-04-07	1988-06-24
OH0023767...	X	2018-03-10	2016-07-08
OH0017853...	X	2018-12-04	2001-06-13

## Voters with altered “unique” state voter identification number

The Help America Vote Act of 2022 requires that “every legally registered voted in the State” shall be assigned “a unique identifier.” We searched/compared the December 5, 2020 and December 10, 2022 statewide voter rolls for electors (by first name, middle name, last name, and date of birth) whose state identification number changed between the two files. 243,583 records were identified.

```

1  /******
2  FILENAME: USA-OH1-12-01-TIM-State-Voter-Identification-Number-Changed-2020-2022.sql
3  LAW: Help America Vote Act of 2002, 42 U.S.C. § 15483(a)(1)(A): "Every legally registered voter
4  in the State" shall be assigned "a unique identifier."
5  PURPOSE: Identify electors in the December 10, 2022 OH statewide voter file whose state voter
6  identification number changed between December 4, 2020 and December 10, 2022.
7  TABLES: dbo.swvf_120520, dbo.swvf_121022
8  STATE FILES USED IN ANALYSIS:
9  1. December 5, 2020 Statewide Voter File [dbo.swvf_120520]
10     a. 2020-12-05 Statewide Voter File (county 1-22)-week-49.txt.gz
11        [md5 hash: f83469c82902f75cf586a1361ecf8315]
12     b. 2020-12-05 Statewide Voter File (county 23-44)-week-49.txt.gz
13        [md5 hash: 42e6012bc2379677e6ddd076da22c4a7]

```

- 14 c. 2020-12-05 Statewide Voter File (county 45-66)-week-49.txt.gz
- 15 [md5 hash: a32d4dd612ef801a723a5d74698fcb72]
- 16 d. 2020-12-05 Statewide Voter File (county 67-88)-week-49.txt.gz
- 17 [md5 hash: 9e28e5e7886e089b242e374175cbc46e]
- 18 2. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
- 19 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz
- 20 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
- 21 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz
- 22 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
- 23 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz
- 24 [md5 hash: f152c69d188cadd33735d36a1703f96c]
- 25 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz
- 26 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]

27 RESULTS: 243,583 rows. 0:37 running time.

28 DATA OUTPUT FILE: USA-OH1-12-01-TIM-State-Voter-Identification-Number-Changed-2020-2022.xlsx

29 \*\*\*\*\*/

```

30
31 SELECT a.SOS_VOTERID as[aSOSID], b.SOS_VOTERID as [bSOSID]
32     , a.FIRST_NAME + ' ' + a.MIDDLE_NAME + ' ' + a.LAST_NAME + ' ' + cast(a.DATE_OF_BIRTH as
33 varchar(10)) as [aREFERENCE]
34     , b.FIRST_NAME + ' ' + b.MIDDLE_NAME + ' ' + b.LAST_NAME + ' ' + cast(b.DATE_OF_BIRTH as
35 varchar(10)) as [bREFERENCE]
36     , a.REGISTRATION_DATE as [aREGDate], b.REGISTRATION_DATE as [bREGDate]
37 FROM dbo.SWVF_120520 a
38 INNER JOIN dbo.SWVF_121022 b
39 ON a.FIRST_NAME = b.FIRST_NAME
40     AND a.MIDDLE_NAME = b.MIDDLE_NAME
41     AND a.LAST_NAME = b.LAST_NAME
42     AND a.DATE_OF_BIRTH = b.DATE_OF_BIRTH
43 WHERE a.SOS_VOTERID <> b.SOS_VOTERID
44     AND a.FIRST_NAME + ' ' + a.MIDDLE_NAME + ' ' + a.LAST_NAME + ' ' + cast(a.DATE_OF_BIRTH as
45 varchar(10))
46     = b.FIRST_NAME + ' ' + b.MIDDLE_NAME + ' ' + b.LAST_NAME + ' ' + cast(b.DATE_OF_BIRTH as
47 varchar(10))

```

Sample of the results:

aSOSID	bSOSID	aREFERENCE	bREFERENCE	aREGDate	bREGDate
0H0025966...	0H0026120...	ALLISON HALE...	ALLISON HALE...	2020-10-04	2021-01-06
0H0023385...	0H0026507...	ASHLEY NICOL...	ASHLEY NICOL...	2015-10-21	2022-06-08
0H0016300...	0H0026360...	TIANA GWEN A...	TIANA GWEN A...	2003-12-16	2021-10-30
0H0021876...	0H0026388...	MEGAN E PENC...	MEGAN E PENC...	2012-08-13	2022-01-10
0H0019227...	0H0026314...	JASON M SMIT...	JASON M SMIT...	2007-12-14	2021-10-04

Joining the foundational query above to a collection of four voter files spanning December 10 to December 31 (one day after certification to thirty-two days past canvass), we searched for electors (by first name, middle name, last name, and date of birth) whose state identification number changed between the December 5, 2020 and December 10, 2022 voter rolls, who voted in the November 2022 general election. 118,857 records were identified.

1 /\*\*\*\*\*/

2 FILENAME: USA-OH2-12-01-TIM-State-Voter-Identification-Number-Changed-2020-2022-voted2022.sql  
3 LAW: Help America Vote Act of 2002, 42 U.S.C. § 15483(a)(1)(A): "Every legally registered voter  
4 in the State" shall be assigned "a unique identifier."  
5 PURPOSE OF QUERY: Identify electors in the December 10 2022 OH statewide voter file whose state voter  
6 identification number changed between December 5, 2020 and December 10, 2022 AND voted in the  
7 November 2022 GE as demonstrated by the voter history for the November 2022 general election in at  
8 least one of the following statewide voter files: December 10, 17, 24, or 31, 2022.  
9 TABLES: dbo.swvf\_120520, dbo.swvf\_121022, dbo.swvf\_121722, dbo.swvf\_122422, dbo.swvf\_123122  
10 STATE FILES USED IN ANALYSIS:

- 11 1. December 5, 2020 Statewide Voter File [dbo.swvf\_120520]
  - 12 a. 2020-12-05 Statewide Voter File (county 1-22)-week-49.txt.gz  
13 [md5 hash: f83469c82902f75cf586a1361ecf8315]
  - 14 b. 2020-12-05 Statewide Voter File (county 23-44)-week-49.txt.gz  
15 [md5 hash: 42e6012bc2379677e6ddd076da22c4a7]
  - 16 c. 2020-12-05 Statewide Voter File (county 45-66)-week-49.txt.gz  
17 [md5 hash: a32d4dd612ef801a723a5d74698fcb72]
  - 18 d. 2020-12-05 Statewide Voter File (county 67-88)-week-49.txt.gz  
19 [md5 hash: 9e28e5e7886e089b242e374175cbc46e]
- 20 2. December 10, 2022 Statewide Voter File [dbo.swvf\_121022]
  - 21 a. 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz  
22 [md5 hash: 3e116db5f83acda24ed57e63142d41cd]
  - 23 b. 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz  
24 [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]
  - 25 c. 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz  
26 [md5 hash: f152c69d188cadd33735d36a1703f96c]
  - 27 d. 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz  
28 [md5 hash: a1fcc51924cbf740679cdca49a7e6763]
- 29 3. December 17, 2022 Statewide Voter File [dbo.swvf\_121722]
  - 30 a. 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz  
31 [md5 hash: c3691bb155787651b18587128059e122]
  - 32 b. 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz  
33 [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]
  - 34 c. 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz  
35 [md5 hash: cf7ec4123d1e60804edb74866077d55c]
  - 36 d. 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz  
37 [md5 hash: 1d976c70dd1684cf12008b0ec6871613]
- 38 4. December 24, 2022 Statewide Voter File [dbo.swvf\_122422]
  - 39 a. 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz  
40 [md5 hash: af56b41e009e08405d0545a815635b69]
  - 41 b. 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz  
42 [md5 hash: bb14a788f48e158550dc507669ee4e6]
  - 43 c. 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz  
44 [md5 hash: 66f887e274ef988a830ab2c92d1f816c]
  - 45 d. 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz  
46 [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]
- 47 5. December 31, 2022 Statewide Voter File [dbo.swvf\_123122]
  - 48 a. 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz  
49 [md5 hash: ba000aa6f8a4c6bad9700a4fa4df3f47]

```

50     b. 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz
51         [md5 hash: 6614a5da3c6852e223652f0ae7e35699]
52     c. 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz
53         [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]
54     d. 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz
55         [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]
56 RESULTS: 118,857 rows. 2:22 running time.
57 DATA OUTPUT FILE: USA-OH2-12-01-TIM-State-Voter-Identification-Number-Changed-2020-2022-voted2022.xlsx
58 *****/
59
60 /*Create temptable of voter history for the November 2022 general election from the December 10,
61 17, 24, and 31, 2022 OH statewide voter files.*/
62 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-10'
63 as SWVF_DATE into #VoterList from SWVF_121022
64
65 insert into #VoterList (SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH,
66 GENERAL_11_08_2022, SWVF_DATE)
67 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-17'
68 as SWVF_DATE from SWVF_121722
69
70 insert into #VoterList(SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH,
71 GENERAL_11_08_2022, SWVF_DATE)
72 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-24'
73 as SWVF_DATE from SWVF_122422
74
75 insert into #VoterList(SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME,DATE_OF_BIRTH,
76 GENERAL_11_08_2022, SWVF_DATE)
77 select SOS_VOTERID, FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022, '2022-12-31'
78 as SWVF_DATE from SWVF_123122
79
80 /*Identify electors from the INNER JOIN who voted in the November 2022 general election.*/
81 SELECT DISTINCT y.[12/05/2020 SOSID], y.[12/10/2022 SOSID], y.[aREFERENCE], y.[bREFERENCE]
82     , y.[12/05/2020 REGDate], y.[12/10/2022 REGDate], x.GENERAL_11_08_2022
83 FROM
84     (
85         SELECT DISTINCT FIRST_NAME, MIDDLE_NAME, LAST_NAME, DATE_OF_BIRTH, GENERAL_11_08_2022
86         FROM #voterlist
87         WHERE GENERAL_11_08_2022 like 'X'
88     ) x
89 INNER JOIN
90 /*Identify electors in the December 10 2022 OH statewide voter file whose state voter
91 identification number changed between December 5, 2020 and December 10, 2022.*/
92     (
93         SELECT a.SOS_VOTERID as [12/05/2020 SOSID], b.SOS_VOTERID as [12/10/2022 SOSID], a.FIRST_NAME
94             , a.MIDDLE_NAME, a.LAST_NAME, a.DATE_OF_BIRTH
95             , a.COUNTY_NUMBER as [aCN], b.COUNTY_NUMBER as [bCN]
96             , a.FIRST_NAME + ' ' + a.MIDDLE_NAME + ' ' + a.LAST_NAME + ' ' + cast(a.DATE_OF_BIRTH as
97 varchar(10)) as [aREFERENCE]

```

```

98         , b.FIRST_NAME + ' ' + b.MIDDLE_NAME + ' ' + b.LAST_NAME + ' ' + cast(b.DATE_OF_BIRTH as
99 varchar(10)) as [bREFERENCE]
100        , a.RESIDENTIAL_ADDRESS1 as [aADDR], b.RESIDENTIAL_ADDRESS1 as [bADDR]
101        , a.REGISTRATION_DATE as [12/05/2020 REGDate], b.REGISTRATION_DATE as [12/10/2022 REGDate]
102 FROM dbo.SWVF_120520 a
103 INNER JOIN dbo.SWVF_121022 b
104 ON a.FIRST_NAME = b.FIRST_NAME
105    AND a.MIDDLE_NAME = b.MIDDLE_NAME
106    AND a.LAST_NAME = b.LAST_NAME
107    AND a.DATE_OF_BIRTH = b.DATE_OF_BIRTH
108 WHERE a.SOS_VOTERID <> b.SOS_VOTERID
109    AND a.FIRST_NAME + ' ' + a.MIDDLE_NAME + ' ' + a.LAST_NAME + ' ' + cast(a.DATE_OF_BIRTH as
110 varchar(10))
111        = b.FIRST_NAME + ' ' + b.MIDDLE_NAME + ' ' + b.LAST_NAME + ' ' + cast(b.DATE_OF_BIRTH
112 as varchar(10))
113    ) y
114 ON x.FIRST_NAME = y.FIRST_NAME
115    AND x.MIDDLE_NAME = y.MIDDLE_NAME
116    AND x.LAST_NAME = y.LAST_NAME
117    AND x.DATE_OF_BIRTH = y.DATE_OF_BIRTH
118
119 /*Delete the temptable*/
120 DROP TABLE #VoterList

```

Sample of the results:

12/05/...	12/10/...	aREFERE...	bREFERE...	12/05/2020 REGDate	12/10/2022 REGDate	GENERAL_11_08_2022
OH0013280...	OH0026643...	VICKI LYNNE...	VICKI LYNNE...	1980-05-05	2022-09-22	X
OH0016906...	OH0026463...	NICOLE RENE...	NICOLE RENE...	2004-08-30	2022-04-28	X
OH0023471...	OH0026342...	BENJAMIN RY...	BENJAMIN RY...	2016-01-20	2021-10-30	X
OH0018337...	OH0026644...	ANTHONY G H...	ANTHONY G H...	2016-05-20	2022-09-22	X
OH0024251...	OH0026185...	LAUREN RENE...	LAUREN RENE...	2017-03-27	2021-05-11	X

## Voters Who Voted in the November 2022 General Election

Canvass in Ohio of the November 2022 general election closed on November 29, 2022. Certification by Secretary of State Frank LaRose occurred on December 9, 2022.

The December 10, 2022 statewide voter roll identified 3,039,289 electors who voted in the November 2022 general election.

```

1  /*****
2  FILENAME: USA-OH3-01-01-Voter-History-December-10-2022.sql
3  CONTEXT: Tenet No. 3 of a valid and compliant election is that the number of votes counted equals
4  the number of voters who voted. The November 2022 general election was certified in Ohio on
5  December 9, 2022. The certified "Total Number of Electors Voting" was 4,201,368.
6  PURPOSE: Identify electors in the weekly OH voter roll immediately following certification (December
7  10, 2022) whose voter history indicates that they voted in the November 2022 general election.
8  RESULTS: 3,039,289 rows. 0:22 running time.

```

```
9 DATA OUTPUT FILE: USA-OH3-01-01-Voter-History-December-10-2022.csv
10 *****/
11
12 SELECT SOS_VOTERID, GENERAL_11_08_2022
13 FROM SWVF_121022
14 WHERE GENERAL_11_08_2022 LIKE 'X'
```

USB INVENTORY

164 files on USB drive, confirmed:



Checked by Thomas Wood on date:

1/19/2024

- 1 USA-OH1-01-01-DUP-Duplicates-FN-MN-LN-DOB-stripped.sql
- 2 USA-OH1-01-01-DUP-Duplicates-FN-MN-LN-DOB-stripped.xlsx
- 3 USA-OH1-02-01-ADR-Multi-Unit-Addresses-No-Unit-Number.sql
- 4 USA-OH1-02-01-ADR-Multi-Unit-Addresses-No-Unit-Number.xlsx
- 5 USA-OH1-03-01-IDT-Registered-On-Or-Before-Birth.sql
- 6 USA-OH1-03-01-IDT-Registered-On-Or-Before-Birth.xlsx
- 7 USA-OH1-05-01-DOB-Age-More-Than-115yo.sql
- 8 USA-OH1-05-01-DOB-Age-More-Than-115yo.xlsx
- 9 USA-OH1-05-02-DOB-Registered-at-17-But-Did-Not-Reach-18-By-GE.sql
- 10 USA-OH1-05-02-DOB-Registered-at-17-But-Did-Not-Reach-18-By-GE.xlsx
- 11 USA-OH1-05-03-DOB-Registered-Before-17-But-After-Birth.sql
- 12 USA-OH1-05-03-DOB-Registered-Before-17-But-After-Birth.xlsx
- 13 USA-OH1-05-04-DOB-Birthdate-1800-01-01.sql
- 14 USA-OH1-05-04-DOB-Birthdate-1800-01-01.xlsx
- 15 USA-OH1-05-05-DOB-Birthdate-1900-01-01.sql
- 16 USA-OH1-05-05-DOB-Birthdate-1900-01-01.xlsx
- 17 USA-OH1-06-01-RDT-Registered-January-1-1900.sql
- 18 USA-OH1-06-01-RDT-Registered-January-1-1900.xlsx
- 19 USA-OH1-06-02-RDT-Registered-January-1-1901-2022.sql
- 20 USA-OH1-06-02-RDT-Registered-January-1-1901-2022.xlsx
- 21 USA-OH1-07-01-RDT-Registered-New-Years-Day-Saturday-1901-2022.sql
- 22 USA-OH1-07-01-RDT-Registered-New-Years-Day-Saturday-1901-2022.xlsx
- 23 USA-OH1-07-02-RDT-Registered-New-Years-Day-Sunday-1901-2022.sql
- 24 USA-OH1-07-02-RDT-Registered-New-Years-Day-Sunday-1901-2022.xlsx
- 25 USA-OH1-07-03-RDT-Registered-MLKBirthdate-1986-2022.sql
- 26 USA-OH1-07-03-RDT-Registered-MLKBirthdate-1986-2022.xlsx
- 27 USA-OH1-07-04-RDT-Registered-Washingtons-Birthday-1971-2022.sql
- 28 USA-OH1-07-04-RDT-Registered-Washingtons-Birthday-1971-2022.xlsx
- 29 USA-OH1-07-05-RDT-Registered-Memorial-Day-1971-2022.sql
- 30 USA-OH1-07-05-RDT-Registered-Memorial-Day-1971-2022.xlsx
- 31 USA-OH1-07-06-RDT-Registered-Independence-Day-Weekday-1901-2022.sql
- 32 USA-OH1-07-06-RDT-Registered-Independence-Day-Weekday-1901-2022.xlsx
- 33 USA-OH1-07-07-RDT-Registered-Independence-Day-Saturday-1901-2022.sql
- 34 USA-OH1-07-07-RDT-Registered-Independence-Day-Saturday-1901-2022.xlsx
- 35 USA-OH1-07-08-RDT-Registered-Independence-Day-Sunday-1901-2022.sql
- 36 USA-OH1-07-08-RDT-Registered-Independence-Day-Sunday-1901-2022.xlsx
- 37 USA-OH1-07-09-RDT-Registered-Labor-Day-1901-2022.sql
- 38 USA-OH1-07-09-RDT-Registered-Labor-Day-1901-2022.xlsx
- 39 USA-OH1-07-10-RDT-Registered-Columbus-Day-1971-2022.sql
- 40 USA-OH1-07-10-RDT-Registered-Columbus-Day-1971-2022.xlsx
- 41 USA-OH1-07-11-RDT-Registered-Veterans-Day-Weekday-1954-2022.sql
- 42 USA-OH1-07-11-RDT-Registered-Veterans-Day-Weekday-1954-2022.xlsx
- 43 USA-OH1-07-12-RDT-Registered-Veterans-Day-Saturday-1954-2022.sql
- 44 USA-OH1-07-12-RDT-Registered-Veterans-Day-Saturday-1954-2022.xlsx
- 45 USA-OH1-07-13-RDT-Registered-Veterans-Day-Sunday-1954-2022.sql
- 46 USA-OH1-07-13-RDT-Registered-Veterans-Day-Sunday-1954-2022.xlsx
- 47 USA-OH1-07-14-RDT-Registered-Thanksgiving-1901-2022.sql
- 48 USA-OH1-07-14-RDT-Registered-Thanksgiving-1901-2022.xlsx
- 49 USA-OH1-07-15-RDT-Registered-Christmas-Day-Weekday-1901-2022.sql
- 50 USA-OH1-07-15-RDT-Registered-Christmas-Day-Weekday-1901-2022.xlsx
- 51 USA-OH1-07-16-RDT-Registered-Christmas-Day-Saturday-1901-2022.sql
- 52 USA-OH1-07-16-RDT-Registered-Christmas-Day-Saturday-1901-2022.xlsx
- 53 USA-OH1-07-17-RDT-Registered-Christmas-Day-Sunday-1901-2022.sql
- 54 USA-OH1-07-17-RDT-Registered-Christmas-Day-Sunday-1901-2022.xlsx

55 USA-OH1-08-01-RDT-Registered-Sunday-1901-2022.sql  
56 USA-OH1-08-01-RDT-Registered-Sunday-1901-2022.xlsx  
57 USA-OH1-09-01-DOB-Birthdate-Changed-Between-2020-and-2022.sql  
58 USA-OH1-09-01-DOB-Birthdate-Changed-Between-2020-and-2022.xlsx  
59 USA-OH1-10-01-TIM-Voter-History-Changed-2021-2022-SOSID-Unchanged.sql  
60 USA-OH1-10-01-TIM-Voter-History-Changed-2021-2022-SOSID-Unchanged.xlsx  
61 USA-OH1-10-02-TIM-Voter-History-Changed-2021-2022-SOSID-Changed.sql  
62 USA-OH1-10-02-TIM-Voter-History-Changed-2021-2022-SOSID-Changed.xlsx  
63 USA-OH1-11-01-TIM-Registration-Date-Changed-Backwards-2020-2022.sql  
64 USA-OH1-11-01-TIM-Registration-Date-Changed-Backwards-2020-2022.xlsx  
65 USA-OH1-12-01-TIM-State-Voter-Identification-Number-Changed-2020-2022.sql  
66 USA-OH1-12-01-TIM-State-Voter-Identification-Number-Changed-2020-2022.xlsx  
67 USA-OH2-01-01-DUP-Duplicates-FN-MN-LN-DOB-stripped-voted2022.sql  
68 USA-OH2-01-01-DUP-Duplicates-FN-MN-LN-DOB-stripped-voted2022.xlsx  
69 USA-OH2-02-01-ADR-Multi-Unit-Addresses-No-Unit-Number-voted2022.sql  
70 USA-OH2-02-01-ADR-Multi-Unit-Addresses-No-Unit-Number-voted2022.xlsx  
71 USA-OH2-03-01-IDT-Registered-On-Or-Before-Birth-voted2022.sql  
72 USA-OH2-03-01-IDT-Registered-On-Or-Before-Birth-voted2022.xlsx  
73 USA-OH2-04-01-RDT-Registered-After-Legal-Cutoff-Date-voted2022.sql  
74 USA-OH2-04-01-RDT-Registered-After-Legal-Cutoff-Date-voted2022.xlsx  
75 USA-OH2-05-01-DOB-Age-More-Than-115yo-voted2022.sql  
76 USA-OH2-05-01-DOB-Age-More-Than-115yo-voted2022.xlsx  
77 USA-OH2-05-02-DOB-Registered-at-17-But-Did-Not-Reach-18-By-GE-voted2022.sql  
78 USA-OH2-05-02-DOB-Registered-at-17-But-Did-Not-Reach-18-By-GE-voted2022.xlsx  
79 USA-OH2-05-03-DOB-Registered-Before-17-But-After-Birth-voted2022.sql  
80 USA-OH2-05-03-DOB-Registered-Before-17-But-After-Birth-voted2022.xlsx  
81 USA-OH2-05-04-DOB-Birthdate-1800-01-01-voted2022.sql  
82 USA-OH2-05-04-DOB-Birthdate-1800-01-01-voted2022.xlsx  
83 USA-OH2-05-05-DOB-Birthdate-1900-01-01-voted2022.sql  
84 USA-OH2-05-05-DOB-Birthdate-1900-01-01-voted2022.xlsx  
85 USA-OH2-06-01-RDT-Registered-January-1-1900-voted2022.sql  
86 USA-OH2-06-01-RDT-Registered-January-1-1900-voted2022.xlsx  
87 USA-OH2-06-02-RDT-Registered-January-1-1901-2022-voted2022.sql  
88 USA-OH2-06-02-RDT-Registered-January-1-1901-2022-voted2022.xlsx  
89 USA-OH2-07-01-RDT-Registered-New-Years-Day-Saturday-1901-2022-voted2022.sql  
90 USA-OH2-07-01-RDT-Registered-New-Years-Day-Saturday-1901-2022-voted2022.xlsx  
91 USA-OH2-07-02-RDT-Registered-New-Years-Day-Sunday-1901-2022-voted2022.sql  
92 USA-OH2-07-02-RDT-Registered-New-Years-Day-Sunday-1901-2022-voted2022.xlsx  
93 USA-OH2-07-03-RDT-Registered-MLKBirthdate-1986-2022-voted2022.sql  
94 USA-OH2-07-03-RDT-Registered-MLKBirthdate-1986-2022-voted2022.xlsx  
95 USA-OH2-07-04-RDT-Registered-WashingtonsBirthdate-1971-2022-voted2022.sql  
96 USA-OH2-07-04-RDT-Registered-WashingtonsBirthdate-1971-2022-voted2022.xlsx  
97 USA-OH2-07-05-RDT-Registered-Memorial-Day-1971-2022-voted2022.sql  
98 USA-OH2-07-05-RDT-Registered-Memorial-Day-1971-2022-voted2022.xlsx  
99 USA-OH2-07-06-RDT-Registered-Independence-Day-Weekday-1901-2022-voted2022.sql  
100 USA-OH2-07-06-RDT-Registered-Independence-Day-Weekday-1901-2022-voted2022.xlsx  
101 USA-OH2-07-07-RDT-Registered-Independence-Day-Saturday-1901-2022-voted2022.sql  
102 USA-OH2-07-07-RDT-Registered-Independence-Day-Saturday-1901-2022-voted2022.xlsx  
103 USA-OH2-07-08-RDT-Registered-Independence-Day-Sunday-1901-2022-voted2022.sql  
104 USA-OH2-07-08-RDT-Registered-Independence-Day-Sunday-1901-2022-voted2022.xlsx  
105 USA-OH2-07-09-RDT-Registered-Labor-Day-1901-2022-voted2022.sql  
106 USA-OH2-07-09-RDT-Registered-Labor-Day-1901-2022-voted2022.xlsx  
107 USA-OH2-07-10-RDT-Registered-Columbus-Day-1971-2022-voted2022.sql  
108 USA-OH2-07-10-RDT-Registered-Columbus-Day-1971-2022-voted2022.xlsx  
109 USA-OH2-07-11-RDT-Registered-Veterans-Day-Weekday-1954-2022-voted2022.sql  
110 USA-OH2-07-11-RDT-Registered-Veterans-Day-Weekday-1954-2022-voted2022.xlsx  
111 USA-OH2-07-12-RDT-Registered-Veterans-Day-Saturday-1954-2022-voted2022.sql  
112 USA-OH2-07-12-RDT-Registered-Veterans-Day-Saturday-1954-2022-voted2022.xlsx  
113 USA-OH2-07-13-RDT-Registered-Veterans-Day-Sunday-1954-2022-voted2022.sql  
114 USA-OH2-07-13-RDT-Registered-Veterans-Day-Sunday-1954-2022-voted2022.xlsx  
115 USA-OH2-07-14-RDT-Registered-Thanksgiving-1901-2022-voted2022.sql  
116 USA-OH2-07-14-RDT-Registered-Thanksgiving-1901-2022-voted2022.xlsx



117 USA-OH2-07-15-RDT-Registered-Christmas-Day-Weekday-1901-2022-voted2022.sql  
118 USA-OH2-07-15-RDT-Registered-Christmas-Day-Weekday-1901-2022-voted2022.xlsx  
119 USA-OH2-07-16-RDT-Registered-Christmas-Day-Saturday-1901-2022-voted2022.sql  
120 USA-OH2-07-16-RDT-Registered-Christmas-Day-Saturday-1901-2022-voted2022.xlsx  
121 USA-OH2-07-17-RDT-Registered-Christmas-Day-Sunday-1901-2022-voted2022.sql  
122 USA-OH2-07-17-RDT-Registered-Christmas-Day-Sunday-1901-2022-voted2022.xlsx  
123 USA-OH2-08-01-RDT-Registered-Sunday-1901-2022-voted2022.sql  
124 USA-OH2-08-01-RDT-Registered-Sunday-1901-2022-voted2022.xlsx  
125 USA-OH2-09-01-DOB-Birthdate-Changed-Between-2020-and-2022-voted2022.sql  
126 USA-OH2-09-01-DOB-Birthdate-Changed-Between-2020-and-2022-voted2022.xlsx  
127 USA-OH2-10-01-TIM-Voter-History-Changed-2021-2022-SOSID-Unchanged-voted2022.sql  
128 USA-OH2-10-01-TIM-Voter-History-Changed-2021-2022-SOSID-Unchanged-voted2022.xlsx  
129 USA-OH2-10-02-TIM-Voter-History-Changed-2021-2022-SOSID-Changed-voted2022.sql  
130 USA-OH2-10-02-TIM-Voter-History-Changed-2021-2022-SOSID-Changed-voted2022.xlsx  
131 USA-OH2-11-01-TIM-Registration-Date-Changed-Backwards-2020-2022-voted2022.sql  
132 USA-OH2-11-01-TIM-Registration-Date-Changed-Backwards-2020-2022-voted2022.xlsx  
133 USA-OH2-12-01-TIM-State-Voter-Identification-Number-Changed-2020-2022-voted2022.sql  
134 USA-OH2-12-01-TIM-State-Voter-Identification-Number-Changed-2020-2022-voted2022.xlsx  
135 USA-OH3-01-01-Voter-History-December-10-2022.sql  
136 USA-OH3-01-01-Voter-History-December-10-2022.csv  
137 2020-09-12 Statewide Voter File (county 1-22)-week-37.txt.gz [md5 hash: 5f8345830d4ec8acaf616a2f4f1d8180]  
138 2020-09-12 Statewide Voter File (county 23-44)-week-37.txt.gz [md5 hash: 2c7925fb6d46642e3f5c61536324768e]  
139 2020-09-12 Statewide Voter File (county 45-66)-week-37.txt.gz [md5 hash: 4c8e0503136e4a9701bbeeffdbc528a5]  
140 2020-09-12 Statewide Voter File (county 67-88)-week-37.txt.gz [md5 hash: d0b97453674fe22a1cf7788874848b2e]  
141 2020-12-05 Statewide Voter File (county 1-22)-week-49.txt.gz [md5 hash: f83469c82902f75cf586a1361ecf8315]  
142 2020-12-05 Statewide Voter File (county 23-44)-week-49.txt.gz [md5 hash: 42e6012bc2379677e6ddd076da22c4a7]  
143 2020-12-05 Statewide Voter File (county 45-66)-week-49.txt.gz [md5 hash: a32d4dd612ef801a723a5d74698fcb72]  
144 2020-12-05 Statewide Voter File (county 67-88)-week-49.txt.gz [md5 hash: 9e28e5e7886e089b242e374175c5bc46e]  
145 2021-01-02 Statewide Voter File (county 1-22)-week-01.txt.gz [md5 hash: 4f6bf79c6f70417af7f05e2cf42da68f]  
146 2021-01-02 Statewide Voter File (county 23-44)-week-01.txt.gz [md5 hash: 2b0e80851368861fc74b1d9d93642d81]  
147 2021-01-02 Statewide Voter File (county 45-66)-week-01.txt.gz [md5 hash: 3d5674ed198167e903f44b05cb489810]  
148 2021-01-02 Statewide Voter File (county 67-88)-week-01.txt.gz [md5 hash: f392a1678ff4f2b658b913758875e782]  
149 2022-12-10 Statewide Voter File (county 1-22)-week-49.txt.gz [md5 hash: 3e116db5f83acda24ed57e63142d41cd]  
150 2022-12-10 Statewide Voter File (county 23-44)-week-49.txt.gz [md5 hash: 50af7cd543f61ffdd3d34544ae444bc9]  
151 2022-12-10 Statewide Voter File (county 45-66)-week-49.txt.gz [md5 hash: f152c69d188cadd33735d36a1703f96c]  
152 2022-12-10 Statewide Voter File (county 67-88)-week-49.txt.gz [md5 hash: a1fcc51924cbf740679cdca49a7e6763]  
153 2022-12-17 Statewide Voter File (county 1-22)-week-50.txt.gz [md5 hash: c3691bb155787651b18587128059e122]  
154 2022-12-17 Statewide Voter File (county 23-44)-week-50.txt.gz [md5 hash: cc29dc0ad7cf4c1e56ba22a018ffc3da]  
155 2022-12-17 Statewide Voter File (county 45-66)-week-50.txt.gz [md5 hash: cf7ec4123d1e60804edb74866077d55c]  
156 2022-12-17 Statewide Voter File (county 67-88)-week-50.txt.gz [md5 hash: 1d976c70dd1684cf12008b0ec6871613]  
157 2022-12-24 Statewide Voter File (county 1-22)-week-51.txt.gz [md5 hash: af56b41e009e08405d0545a815635b69]  
158 2022-12-24 Statewide Voter File (county 23-44)-week-51.txt.gz [md5 hash: bb14a788f48e1585500dc507669ee4e6]  
159 2022-12-24 Statewide Voter File (county 45-66)-week-51.txt.gz [md5 hash: 66f887e274ef988a830ab2c92d1f816c]  
160 2022-12-24 Statewide Voter File (county 67-88)-week-51.txt.gz [md5 hash: d57195e6d80ec8661a6af5cfc0faf295]  
161 2022-12-31 Statewide Voter File (county 1-22)-week-52.txt.gz [md5 hash: ba000aa6f8a4c6bad9700a4fa4d3f47]  
162 2022-12-31 Statewide Voter File (county 23-44)-week-52.txt.gz [md5 hash: 6614a5da3c6852e223652f0ae7e35699]  
163 2022-12-31 Statewide Voter File (county 45-66)-week-52.txt.gz [md5 hash: c889aa20b2ffdf606a52470456ddd7fa]  
164 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]