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NORTHERN DISTRICT OF OHIO
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**IN THE UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF OHIO – EASTERN DIVISION**

UNITED SOVEREIGN AMERICANS, INC.
167 Lamp and Lantern Village, Suite 194
Chesterfield, Missouri 63017

And

COALITION OF CONCERNED VOTERS
OF OHIO
P.O. Box 99
Dublin, Ohio 43017

And

JAMES RIGANO
8786 Wildwood Place
Springboro, Ohio 45066

And

CARRIE PERKINS
3790 White Oak Lane
Wooster, Ohio 44691

And

CIVIL ACTION

5:24CV01359

Case No.: _____

**PETITION FOR RELIEF IN THE FORM
OF A WRIT OF MANDAMUS**

JUDGE ADAMS

MAG JUDGE KNAPP

JACQUELINE LOUGHMAN
1213 Maryland Avenue SW
Canton, Ohio 44710

Petitioners,

v.

STATE OF OHIO
180 Civic Center Drive
Columbus, Ohio 43215

And

FRANK LAROSE, IN HIS OFFICIAL
CAPACITY AS THE OHIO SECRETARY
OF STATE
180 Civic Center Drive
Columbus, Ohio 43215

And

OFFICE OF THE OHIO SECRETARY OF
STATE
180 Civic Center Drive
Columbus, Ohio 43215

And

OHIO OFFICE OF DATA ANALYTICS
AND ARCHIVES
180 Civic Center Drive
Columbus, Ohio 43215

And

OHIO BOARD OF VOTING MACHINE
EXAMINERS
180 Civic Center Drive
Columbus, Ohio 43215

And

DAVE YOST, IN HIS OFFICIAL
CAPACITY AS ATTORNEY GENERAL OF
OHIO
Rhodes State Office Tower
30 East Broad Street, 14th Floor
Columbus, Ohio 43215

And

OHIO ATTORNEY GENERAL'S OFFICE
Rhodes State Office Tower
30 East Broad Street, 14th Floor
Columbus, Ohio 43215

And

MERRICK GARLAND, IN HIS OFFICIAL
CAPACITY AS ATTORNEY GENERAL OF
THE UNITED STATES
950 Pennsylvania Avenue NW
Washington, District of Columbia 20530

And

THE UNITED STATES DEPARTMENT OF
JUSTICE
950 Pennsylvania Avenue NW
Washington, District of Columbia 20530

Respondents.

PETITION FOR RELIEF IN THE FORM OF A WRIT OF MANDAMUS¹

To the Honorable, the Judges of Said Court:

United Sovereign Americans, Inc., a Missouri nonprofit corporation, Coalition of Concerned Voters of Ohio, an Ohio nonprofit corporation, James Rigano, individually, Carrie

¹ Petitioners are cognizant that Federal Rule of Civil Procedure 81(b) abolished *mandamus* actions in federal court but nonetheless authorizes "relief previously available through [writs of *mandamus*] by appropriate action or motion under these rules." F.R.C.P. 81(b). Petitioners herein are seeking relief via the All Writs Act (28 U.S.C. § 1651) and under 28 U.S.C. § 1361 (action to compel an officer of the United States to perform his duty).

Perkins, individually, and Jacqueline Loughman, individually, Petitioners, by counsel, Thomas A. Will & Associates, through Bruce L. Castor, III, hereby submits the within Petition for Relief in the Form of a Writ of *Mandamus*, directed to Respondents, the State of Ohio, Frank LaRose, in his official capacity as the Ohio Secretary of State, the Office of the Ohio Secretary of State, the Ohio Office of Data Analytics and Archives, the Ohio Board of Voting Machine Examiners, Dave Yost, in his official capacity as Attorney General of Ohio, the Ohio Attorney General's Office, Merrick Garland, in his official capacity as Attorney General of the United States, and the United States Department of Justice, and in support thereof hereby respectfully represents the following.

I. SUMMARY OF PETITIONERS' ARGUMENT

1. Congress has outlined the minimum standards to which all states must abide in order for federal elections to be considered reliable. As outlined herein, those minimum standards were not satisfied by state election officials overseeing Ohio's 2022 General Election, rendering the corresponding certified election results unreliable.

2. Petitioners aver that Respondents have taken insufficient measures to ensure that the 2022 performance is not repeated in subsequent federal elections and that they, along with all Ohio voters, will suffer damages if the certified election results are likewise unreliable in 2024.

3. Absent judicial intervention, no other legal mechanism exists for Petitioners to compel Respondents to perform their ministerial duties in requiring that Ohio's federal elections be conducted in conformity with the law as Congress has set forth.

4. Only this Court has the authority to order Respondents to bring Ohio's 2024 (and subsequent) federal elections into conformity with the minimum Congressional reliability standards, as outlined herein.

5. Without Court action, Petitioners believe and therefore aver that Ohio's future federal elections, beginning in 2024, will continue producing unreliable results as they did in 2022.

6. Petitioners seek this Court's intervention to ensure that only properly registered voters cast votes in Ohio's combined federal and state elections beginning in 2024.

7. Petitioners seek this Court's intervention to ensure that only votes properly cast are counted, and counted *correctly*, in Ohio's combined federal and state elections beginning in 2024.

8. Petitioners seek this Court's intervention to ensure that all voting systems are compliant with all infrastructure requirements and that risk assessments are completed within the actual use context, thereby assuring that every ballot is correctly and uniformly processed, as well as accurately tabulated and secured, in Ohio's combined federal and state elections beginning in 2024.

9. Petitioners seek this Court's intervention to ensure that the authenticity of every ballot counted is proven by the maintenance of a comprehensive, unbroken chain of custody from the voter's hand to the final certified result, and that Ohio election officials maintain records of said chain of custody post-election, in compliance with all legally prescribed safeguards in Ohio's combined federal and state elections beginning in 2024.

10. Petitioners seek this Court's intervention to ensure that Ohio's combined federal and state elections are conducted with full transparency as required by law beginning in 2024.

11. Petitioners seek this Court's intervention in clarifying that the accepted federal definition of "to certify" means to attest that an official measurement is accurate and verified to be accurate in a strictly compliant manner, thereby directing that the "certification of elections" by Ohio election officials from 2024 onward constitutes an "attestation," ostensibly under penalty of

perjury, that the certification process and the election as a whole were conducted in full adherence to applicable federal and state law.

12. Petitioners, upon review of the authority contained herein, believe and therefore aver that federal and state law specify the requirements to which Ohio officials must conform, *at a minimum*, to properly conduct federal and state elections and prior certifying election results.

13. Petitioners believe and therefore aver that the analysis contained herein, and exhibits incorporated by reference thereto, unequivocally confirm that the state of Ohio failed to ensure that **safeguards** were in place, as mandated by law, to ensure the integrity of Ohio's 2022 combined federal and state election and the veracity of the results.

14. Petitioners believe and therefore aver that Ohio election officials' nonconformance with federal and state law culminated in the official certification of the 2022 election results *despite* apparent error rates exceeding those permitted by law before the results in *any* federal election may be considered unreliable.

15. Petitioners believe and therefore aver that the exorbitant apparent error rates far in excess of the maximum permitted by law undermined the integrity of Ohio's 2022 combined federal and state election such that it was impossible to verify the accuracy of the results with any reasonable degree of confidence.

16. While Petitioners do not challenge the outcome of any 2022 Ohio election race, Petitioners believe and therefore aver that Ohio elections officials cannot state with certainty that all "winning" candidates received more votes than the corresponding "losing" candidates, as the election itself was compromised by Ohio's failure to conform to the requirements of federal law designed specifically to ensure reliable election results.

17. Petitioners believe and therefore aver that Congress mandated the maximum number of election errors which are permissible in any federal election, including Ohio's 2022 combined federal and state elections, and an error rate beyond that which Congress has deemed permissible renders an election *uncertifiable*.

18. Petitioners do not here challenge the outcome of Ohio's 2022 combined federal and state election, and Petitioners acknowledge the possibility that the "winner" received more votes than the "loser" in every contested race.

19. Petitioners believe and therefore aver, however, that Ohio officials certified the 2022 election despite the existence of *apparent* numbers of errors in excess of the Congressional limit and made no effort to investigate those apparent errors before certifying the election results as accurate.

20. Petitioners believe and therefore aver that it is reasonable to believe that the systemic issues which marred Ohio's 2022 combined federal and state election will escalate in 2024, 2026, 2028, etc., absent intervention by this Court.

21. Petitioners have brought the issues addressed herein to the attention of Ohio officials, who nonetheless failed, and continue to fail, to take sufficient action to ensure that the integrity of future elections is not jeopardized by the same regulatory oversights which clouded the 2022 election.

22. Petitioners seek relief in the form of a Writ of *Mandamus* to compel Respondents to perform the *ministerial* functions necessary to rectify the reliability issues evident in the 2022 election.²

² Petitioners do not request that this Court order Respondents to exercise their *discretion* or make any decision at all apart from upholding the specific, non-discretionary legal requirements, as outlined, *inter alia*, below.

A. Ohio's 2022 Combined Federal and State Election – Unreliable Results – Improper Certification

23. In the Help America Vote Act (*hereinafter* “HAVA”), signed into law by President George W. Bush in 2002, Congress mandated as follows: HAVA - voting system error rate “...(5) Error RATES.—The error rate of the voting system in counting ballots (determined by taking into account only those errors which are attributable to the voting system and not attributable to an act of the voter) shall comply with the error rate standards established under section 3.2.1 of the voting systems standards issued by the Federal Election Commission which are in effect on the date of the enactment of this Act.” 52 U.S.C. § 21083.

24. Voting Systems Standards Volume I: Performance Standards (2002), the voting system standards issued by the Federal Election Commission (*hereinafter* “FEC”) in effect when Congress enacted HAVA, permitted **one (1) error per ten (10) million ballot positions**.³

25. Petitioners believe and therefore aver that an error rate in excess of one (1) error per ten (10) million ballot *positions* renders a federal election unreliable.

26. As the HAVA provision cited above remains in full effect, this designated error rate is currently the law of the United States.

27. A “ballot *position*” refers to the number of individual “choices” a voter *could* make on a single ballot. For example, if a particular ballot has thirty (30) fill-in options, that ballot would be said to contain thirty (30) ballot positions.

28. A voting system error occurs whenever a voting machine should have discerned an error, not made by the voter, while counting a ballot position on a scanned ballot.

³ As of 2021, there have been five iterations of national voting system standards. The Federal Election Commission published the first two (2) sets of federal standards in 1990 and 2002 (VSS1990 and VSS2002, respectfully). The Election Assistance Commission then adopted Version 1.0 of the Voluntary Voting System Guidelines (VVSG 1.0, or VVSG2005) on December 13, 2005. On March 31, 2015, the Election Assistance Commission approved VVSG 1.1 (VVSG2015). On February 10, 2021, the Election Assistance Commission approved VVSG 2.0 (VVSG2021).

29. Experts employed by the FEC estimated that ten (10) million ballot *positions* equated to 125,000 *individual ballots*.⁴

30. Petitioners believe and therefore aver that the FEC intended to clarify the meaning of ten (10) million ballot *positions* in terms of how many individual ballots “make up” ten (10) million ballot *positions* in order to simplify the process of discerning the number of “errors” permissible under HAVA in a given election.

31. Petitioners believe and therefore aver (and are prepared to present expert testimony to so substantiate) that the FEC’s calculation is correct, and represents the proper interpretation of federal law and Congressional intent under HAVA.

32. In the 2022 Ohio General Election, 4,201,368 individual ballots were recorded by election officials as cast. 4,201,368 divided by 125,000 equals thirty-four (34) (rounded up), which was the maximum number of errors permitted under federal law in the 2022 Ohio General Election. As such, HAVA would have permitted Ohio election officials to certify the 2022 Ohio General Election as valid only upon a showing of thirty-four (34) or fewer errors.

33. Therefore, if there were more than thirty-four (34) voting system errors in the ballot tabulation for all ballots cast in the 2022 Ohio General Election (as was the case) the election results would be unreliable pursuant to HAVA.

34. Petitioners believe and therefore aver that contributing to the unreliability of Ohio’s 2022 election certification is the fact that Ohio’s voter registration rolls contained *more than one (1) million* potential errors in the form of illegal duplicate registrations, incomplete or unknown addresses, registrations on or before the registrant’s date of birth, age discrepant registrants,

⁴ See Federal Election Commission Voluntary Voting System Guidelines of 2015, *U.S. Federal Election Commission FEC*. United States [Web Archive] Retrieved from the Election Assistance Commission, https://www.eac.gov/sites/default/files/eac_assets/1/28/Voting_System_Standards_Volume_1.pdf.

registrations on January 1st, registrations on a federal holiday, registrations on Sunday, registrations with modified dates of birth, registrants whose voter history inexplicably changed, registrants with registration dates altered backwards, and registrants with altered “unique” state voter identification numbers.

35. These errors compromise the validity of Ohio’s elections, cast doubt upon the accuracy and integrity of Ohio’s currently-in-place voting systems, and undermine Ohioans’ collective voting rights, all in violation of federal and state election laws.

36. Petitioners seek to redress these voter registration apparent errors, blatantly inaccurate voter registration rolls, discrepancies between votes cast and actual votes reported, and extreme voting errors generally, which collectively amount to violations of federal election laws, Ohio election laws, and fundamental voting rights contained within the United States Constitution.

37. Respondents have, despite notice, collectively refused to maintain or enforce compliance with federal and state election laws which, if remained unenforced, will cause future harm to Petitioners and all Ohio voters.

38. Petitioners believe and therefore aver that Respondents have failed to implement appropriate safeguards to adequately monitor and rectify voter roll discrepancies in furtherance of Respondents’ collective duty to ensure the reliability, integrity, and accuracy of Ohio’s elections.

39. Petitioners, sincerely and in good faith, have repeatedly presented evidence of potential election violations and irregularities to Respondents.

40. Despite the indisputable risk of election subversion, the state of Ohio has denied or deemphasized Petitioners’ claims notwithstanding the serious nature of the issues presented and underlying factual support.

41. Petitioners seek to protect their individual rights, as well as those of every voting citizen of Ohio, to have their vote fairly counted in an open and reliable election as such elections are defined according to law as outlined below.

42. Respondents have denied Petitioners' right to a fair vote.

43. Furthermore, Respondents appear to have implemented procedures that have obscured the ability to audit the 2022 General Election, thereby rendering the outcomes factually unknowable at the time of certification.

44. Petitioners believe and therefore aver that Respondents have violated multiple federal and state laws, or negligently allowed such violations to occur, while loudly proclaiming the infallibility of Ohio's election results.

45. Respondents insist that Petitioners have adequate voting rights, while simultaneously fighting from every conceivable angle to prevent Petitioners from attempting to protect those rights. Respondents' collective actions in refusing to address the problem extinguish and undermine the very meaning of the right to vote in a fair democracy.

46. Respondents can and should be compelled to address compliance with existing election law, specifically: to adequately investigate the issues, prosecute anyone in violation of federal and/or state law, and actively work to bring Ohio back into compliance with federal and state election law mandates so that Ohio's constitutionally enshrined voting rights are upheld and preserved.

47. The All Writs Act provides that "[t]he Supreme Court and all courts established by Act of Congress may issue all writs necessary or appropriate in the aid of their respective jurisdictions and agreeable to the usages and principles of law." 28 U.S.C. § 1651.

48. District Courts of the United States have original jurisdiction of any action in the nature of *mandamus* to compel an officer or employee of the United States or any agency thereof to perform a duty owed to the plaintiff. 28 U.S.C. § 1361.

II. PARTIES

49. United Sovereign Americans, Inc., is a nonprofit corporation incorporated in the state of Missouri.

50. Coalition of Concerned Voters of Ohio is a nonprofit corporation incorporated in the state of Ohio.

51. Jim Rigano is an individual with an address of 8786 Wildwood Place, Springboro, Ohio 45066.

52. Carrie Perkins is an individual with an address of 3790 White Oak Lane, Wooster, Ohio 44691.

53. Jacqueline Loughman is an individual with an address of 1213 Maryland Avenue SW, Canton, Ohio 44710.

54. The state of Ohio is a government entity.

55. Frank LaRose, in his official capacity as the Ohio Secretary of State (*hereinafter* “Secretary LaRose”), was elected to oversee the Office of the Ohio Secretary of State. He and his office are responsible for supervising the administration and compliance with Ohio’s election laws, Ohio’s compliance with federal law, including HAVA and the National Voter Registration Act (*hereinafter* “NVRA”), canvassing votes for all elective state offices, investigating election fraud and irregularities, compiling and maintaining election statistics and other election-related records, and training election officials.

56. The Office of the Ohio Secretary of State is a government entity responsible for supervising the administration and compliance with Ohio's election laws, Ohio's compliance with federal law, including HAVA and NVRA, canvassing votes for all elective state offices, investigating election fraud and irregularities, compiling and maintaining election statistics and other election-related records, and training election officials.

57. The Ohio Board of Voting Machine Examiners is a government entity created in the Office of the Ohio Secretary of State charged with examining and recommending for certification voting equipment for the use in Ohio elections.

58. The Ohio Office of Data Analytics and Archives is a government entity created in the Office of the Ohio Secretary of State to administer and maintain a statewide voter registration database, ensure the accuracy and transparency of electronic election records, and codify the process by which election data is retained, reviewed, and publicly disclosed.

59. Dave Yost, in his official capacity as the Attorney General of Ohio, is responsible for overseeing and managing the Ohio Attorney General's Office, a government entity tasked with administering the enforcement and prosecution provisions of the Ohio Revised Code in addition to ensuring that state officials, including those acting within the Office of the Ohio Secretary of State, are complying with Ohio law.

60. The Ohio Attorney General's Office is a government entity tasked with administering the enforcement and prosecution provisions of the Ohio Revised Code in addition to ensuring that state officials, including those acting within the Office of the Ohio Secretary of State, are complying with Ohio law.

61. Merrick Garland, in his official capacity as the Attorney General of the United States (*hereinafter* "Attorney General Garland"), is the chief law enforcement official of the United

States, and is responsible for overseeing and managing the United States Department of Justice, a government entity tasked with administering federal law enforcement and prosecution in addition to ensuring that federal and state officials, including those acting within the state of Ohio, are complying with federal law.

62. The United States Department of Justice (*hereinafter* "USDOJ") is a government entity tasked with administering federal law enforcement and prosecution in addition to ensuring that federal and state officials, including those acting within the state of Ohio, are complying with federal law.

III. JURISDICTION AND VENUE

63. This Court has jurisdiction pursuant to 28 U.S.C. § 1651.

64. This Court has jurisdiction pursuant to 28 U.S.C. § 1361.

65. This Court additionally has subject matter jurisdiction over this complaint because the case presents substantial questions of federal law, and the state claims are so related to the federal claims that they form part of the same case or controversy. 28 U.S.C. §§ 1331 and 1367.

66. This Court has personal jurisdiction as the Respondents are a collection of Ohio and United States government entities and officials, and the state of Ohio is within the jurisdiction of the United States.

67. "When a state exercises power wholly within the domain of state interest, it is insulated from federal judicial review. But such insulation is not carried over when state power is used as an instrument for circumventing a federally protected right." *Gray v. Sanders*, 372 U.S. 368 (1963); *Gomillion v. Lightfoot*, 364 U.S. 347 (1960).

68. Venue is proper in this district under 28 U.S.C. § 1391(e)(1).

IV. STANDING

69. Petitioner United Sovereign Americans, Inc. is not seeking a distinct form of relief from the other Petitioners and therefore has standing.

70. Petitioner Coalition of Concerned Voters of Ohio (*hereinafter* "CCVO") is a nonpartisan public interest group committed to ensuring that the election system in Ohio is secure, accurate, and trustworthy.

71. CCVO has performed extensive research into the reliability of Dominion D-Suite Voting System machines (*hereinafter* "DVS machines"), which is summarized as follows:

- a. Over the past three (3) years, DVS machines used in Fulton County, Georgia and Mesa County, Colorado have been subject to forensic examination by independent teams of cybersecurity experts, culminating in the Halderman Report and the Mesa County Colorado Reports.
- b. Forensic examination revealed that the DVS machines are vulnerable to manipulation and therefore unsafe for use in any election due to significant security flaws.
- c. The cybersecurity experts who authored the Halderman Report and Mesa County Colorado Reports concluded that the DVS machines should not have been certified, despite previous certification by a federally accredited Voting System Test Laboratory.
- d. These cybersecurity experts further advised that the vendor cannot be relied upon to rectify the substantially flawed system riddled with vulnerabilities with a simple software patch.

72. The DVS machines subject to examination in Georgia and Colorado are currently in use in twelve (12) counties within the state of Ohio, including Wood County and Wayne County.

73. In written correspondence to each of the corresponding twelve (12) Boards of Elections, CCVO expressed concern that the DVS machines used in Ohio may have similar security flaws requiring decertification. A copy of the letter dispatched to the Wood County Board of Elections, dated December 28, 2023, is attached hereto as Exhibit “1.”

74. On January 29, 2024, CCVO received a response from the Wayne County Board of Elections stating that Secretary LaRose issued security requests to the vendor, which were addressed in a software patch to be implemented in 2024.

75. CCVO expressed the same concerns in a letter dispatched to Secretary LaRose dated February 23, 2024, requesting that he appoint an independent team of cyber experts to review the Halderman and Mesa County reports and be given access to the DVS machines for examination to determine if security flaws exist. That letter is attached hereto as Exhibit “2.”

76. Petitioner James Rigano (*hereinafter* “Mr. Rigano”) is a citizen of Warren County, Ohio who has sent over one-hundred written inquiries to the Office of the Ohio of Secretary of State and a majority of Ohio’s individual boards of elections requesting transparency as to election law compliance and voter registration roll discrepancies. Documentation of Mr. Rigano’s efforts to improve election integrity in Ohio is attached hereto as Exhibit “3.”

77. Petitioner Carrie Perkins (*hereinafter* “Ms. Perkins”) is a citizen of Wayne County, Ohio who was a candidate for the Triway School Board in 2023. Ms. Perkins advanced personal and donated funds to support her campaign and relied upon state voter rolls.

78. On election night, Ms. Perkins achieved victory by one (1) vote. The corresponding unofficial Election Summary Report is attached hereto as Exhibit “4.”

79. However, as gleaned from the official Election Summary Report, which is attached hereto and marked Exhibit “5,” after absentee ballots were compiled, Ms. Perkins was defeated by four (4) votes.

80. Petitioner Jacqueline Loughman (*hereinafter* “Ms. Loughman”), is a citizen of Stark County, Ohio who has volunteered as a Stark County poll worker for elections since 2020.

81. In 2020, while Ms. Loughman was volunteering as a poll worker for the primary election, she and other poll workers were unable to conduct the end-of-the-night audit to reconcile the machine vote and the paper ballot totals on the e-pollbook at the voting location, as required by Ohio law.

82. When Ms. Loughman contacted the local board of elections to report the issue, officials there told her to submit the voting materials without completing the audit. This was the only correspondence between Ms. Loughman and the local board of elections regarding the subject.

83. Thomas Wood (*hereinafter* “Mr. Wood”), of Wooster, Ohio, though not an individually named Petitioner herein but acting on behalf of United Sovereign Americans, Inc., submitted a complaint to Secretary LaRose, dated January 19, 2024 and attached hereto as Exhibit “6,” requesting transparency as to Ohio’s compliance with the Ohio Revised Code and an explanation for why “more than one million potential voter irregularity/registration cases” which were not classified as illegal votes during the Ohio 2022 General Election.⁵

84. In a written response dated January 26, 2024 and attached hereto as Exhibit “7,” the Office of the Ohio Secretary of State shouldered blame to individual boards of elections, identified “human data entry errors” as the “core problem,” and advised that “[t]he county-

⁵ The exhibits referenced in Mr. Wood’s complaint are attached hereto as Exhibits “8” and “9.”

maintained voter registration list is the official list, and the copy we maintain at the Secretary of State's office and publish on our website is only a mirror." This statement, Petitioners aver, is in direct contradiction of Ohio law requiring the Secretary of State's Registration List to be the state's official list and not merely a mirror of the individual counties' lists. *See* R.C. § 3503.15(A).

85. Petitioners have been and continue to be harmed by the state of Ohio's voting systems currently (and formerly) in use in Ohio state and federal elections. Respondents have allowed, and continue to allow, violations of federal election laws, Ohio election laws, the United States Constitution, and federal civil rights laws pertaining to voter rights.

86. The violations of Ohio election laws, federal election laws, the U.S. Constitution, and federal civil rights laws pertaining to voter registration rolls, transparency, compliance, and certification of the voting systems, and the serious issues with the overall voting systems raised below, exemplify their injury.

87. The injury to Petitioners and all Ohio voters would cease to exist or be greatly relieved if the Court grants Petitioners' requested relief.

88. The United States Supreme Court has indicated that if one party to a lawsuit has standing, other entities can join as parties without having to independently satisfy the demands of Article III, provided those parties do not seek a distinct form of relief from the party with standing. *E.g., Horne v. Flores*, 557 U.S. 433 (2009).

V. BACKGROUND

A. The Constitutionally Protected Right to Vote

89. The United States Constitution grants the people the right to choose their representatives from the people of the several states, according to the voting eligibility requirements of that state. U.S. Const. art. I, § 2, as modified by Amendment XXVI.

90. The 14th Amendment of the United States Constitution, Section 1, defines a “citizen” as all people born or naturalized in the United States and subject to the jurisdiction thereof.

91. The 14th Amendment of the United States Constitution, Section 2, protects eligible citizen voters against denial or abridgment of their vote.

92. “The very essence of civil liberty certainly consists in the right of every individual to claim the protection of the laws, whenever he receives an injury.” *Marbury v. Madison*, 1 Cranch 137, 5 U. S. 163 (1803).

93. Federal courts regard the right to vote in a fairly conducted election as a constitutionally protected feature of United States citizenship. *Reynolds v. Sims*, 377 U.S. 533 (1964).

94. After the 2020 Presidential Election, pervasive discussion reported on by the media focused on the validity of the presidential election results within the state of Ohio.

95. Discussions and/or litigation in Ohio, as well as in other states around the nation, centered on whether raw vote totals were accurate, with particular attention focused on the question: if all ballots in dispute were decided, hypothetically, in the favor of one candidate for president over the other, would that have changed the *outcome* of the election in that state?

96. Questions concerned whether the recorded vote totals, viewed in the light most favorable to the losing candidate in any given state, could have affected the awarding of electoral votes from said state, which, in turn, might have affected the determination of the “winner” of the elections for president and vice-president in the Electoral College.

97. The media widely reported that no court ruled that, even if all disputed ballots were assumed to have been found to be favorable to the Republican candidate during the 2020

presidential election, the outcome in any disputed state would not have been affected. Furthermore, there was insufficient evidence produced such that a court could find that the outcome of the election in any disputed state was unreliable.

98. Petitioners do not seek to revisit the results of the 2020 presidential election, nor to re-examine the conclusions drawn by the various courts and media outlets.

99. Petitioners instead posit a different question: *How many disputed ballots found to be improperly cast in any given federal election may occur before the reliability and integrity of the entire election becomes suspect?* Petitioners respectfully represent that Congress has answered this very question as outlined further below, and Congress' answer to this question forms much of the basis of the instant Petition.

100. In *In re: Coy*, 127 U.S. 731 (1888), the United States Supreme Court held that Congress had authority under the Constitution's Necessary and Proper Clause to regulate any activity during a mixed federal/state election that exposed the federal election to potential harm, whether that harm materialized or not. *Coy* is still good law. *United States v. Slone*, 411 F.3d 643, 647 (6th Cir. 2005); *United States v. Mason*, 673 F.2d 737, 739 (4th Cir. 1982); *United States v. Malmay*, 671 F.2d 869, 874–75 (5th Cir. 1982); *Ex parte Yarborough*, 110 U.S. 651 (1884); *Ex parte Siebold*, 100 U.S. 371 (1880).

101. In *Oregon v. Mitchell*, 400 U.S. 112 (1970), the Supreme Court stated:

“The right to vote is, of course, different in one respect from the other rights in the economic, social, or political field which, as indicated in the Appendix to this opinion, are under the Equal Protection Clause. The right to vote is a civil right deeply embedded in the Constitution. Article I, § 2, provides that the House is

composed of members 'chosen . . . by the People' and the electors 'shall have the Qualifications requisite for Electors of the most numerous Branch of the State Legislature.' The Seventeenth Amendment states that Senators shall be 'elected by the people.' The Fifteenth Amendment speaks of the 'right of citizens of the United States to vote' -- not only in federal but in state elections.

* * *

[T]he right to vote freely for the candidate of one's choice is of the essence of a democratic society, and any restrictions on that right strike at the heart of representative government. This 'right to choose, secured by the Constitution,' *United States v. Classic*, 313 U.S. 299, is a civil right of the highest order. Voting concerns 'political' matters; but the right is not 'political' in the constitutional sense. Interference with it has given rise to a long and consistent line of decisions by the Court; and the claim has always been upheld as justiciable . . . as the right in the people of each State to a republican government and to choose their Representatives in Congress is of the guarantees of the Constitution, by this amendment a remedy might be given directly for a case supposed by *Madison*, where treason might change a State government from a republican to a despotic government, and thereby deny suffrage to the people."

102. The Supreme Court of the United States further stated: "we are cautioned about the dangers of entering into political thickets and mathematical quagmires. Our answer is this: a denial

of constitutionally protected rights demands judicial protection; our oath and our office require no less of us.” *Reynolds v. Sims*, 377 U.S. 533 (1964).

103. “Every voter in a federal . . . election . . . whether he votes for a candidate with little chance of winning or for one with little chance of losing, has a right under the Constitution to have his vote fairly counted, *without its being distorted by fraudulently cast votes.*” *Anderson v. United States*, 417 U.S. 211, 227 (1974) (emphasis added).

B. National Voter Registration Act

104. NVRA was enacted for the purpose of ensuring accurate and current voter registration rolls to enhance the integrity of elections.

105. In so doing, Congress found that: (1) the right of citizens of the United States to vote is a fundamental right; (2) it is the duty of the federal, state, and local governments to promote the exercise of that right; and (3) discriminatory and unfair registration laws and procedures can have a direct and damaging effect on voter participation in elections for federal office and disproportionately harm voter participation by various groups, including racial minorities. 52 U.S.C. § 20501.

106. NVRA exists in part to “protect the integrity of the electoral process” and “to ensure that accurate and current voter registration rolls are maintained.” 52 U.S.C. § 20501.

107. NVRA *requires* states to “conduct a general program that makes a reasonable effort to remove the names of ineligible voters from the official lists of eligible voters” by reason of death or change of address. 52 U.S.C. § 20507(a)(4).

108. Similarly, the U.S. Election Assistance Commission (*hereinafter* “EAC”) is required by law to report to Congress its findings related to state voter registration practices. 52 U.S.C. § 20508(a)(3).

109. Federal regulations require states to provide data to the EAC for use in their reports, including the numbers of active voters, and the numbers of registered voters removed from the rolls for any reason. 11 C.F.R. § 9428.7(b)(1), (2), (5).

110. NVRA requires individual states to complete any program the purpose of which is to remove ineligible voters from the official lists of eligible voters not later than ninety (90) days prior to an election.

111. NVRA has two (2) methods of enforcement. First, the Attorney General can petition the court for declaratory and injunctive relief. Second, a private citizen can pursue a cause of action with certain requirements as follows. In a private action, notice is required, in that a person must notify the chief election official of the State involved. If the violation is not corrected within ninety (90) days of receipt of the notice or within twenty (20) days after receipt of the notice, if the violation occurred within 120 days before the date of an election for office, the aggrieved person may bring a civil action in an appropriate district court seeking relief. In the alternative, if the violation occurs thirty (30) days before the date of an election for federal office, no notice is required.

112. Although NVRA authorizes a private cause of action in the form of declaratory or injunctive relief, this “remedy” is largely toothless. Any court in the United States would have great reluctance to formally order election officials to correct NVRA error and/or decertify an election so close in time to an actual election or just after certification.

113. Additionally, to what extent NVRA requires a hypothetical plaintiff to have suffered injury is not clear – standing could be a troublesome burden to prove particularly if the harm, such as voter fraud and dilution, has been committed on a class people, the electors as a whole, rather than against an individual person.

114. Furthermore, a respondent could seek to use the doctrine of laches to convince a court to avoid the distasteful task of questioning election officials, inquiring into potentially fraudulent elections, and inaccurate voting rolls, despite a hypothetical plaintiff being in full compliance with the private NVRA notice requirements, a risk Petitioners now face as they seek to pursue their private cause of action under NVRA.

115. Congress' power to pass NVRA comes from Article I, Section 8, Clause 18 of the United States Constitution, the Necessary and Proper Clause, making accurate voter rolls a requirement to uphold the right of the people to choose their representatives.

C. Help America Vote Act

116. HAVA exists in part to “establish minimum election administration standards for States and units of local government with responsibility for the administration of Federal elections, and other purposes.” 52 U.S.C. § 21083.

117. HAVA requires that voter roll databases contain only the registrations of qualified citizen voters residing in that state. 52 U.S.C. § 21083(a).

118. HAVA defines a voting system as “the total combination of mechanical, electromechanical, or electronic equipment (including software, firmware, and documentation required to program, control, and support the equipment) that is used to define ballots; to cast and count votes; to report or display election results; and to maintain and produce any audit trail information.” 52 U.S.C. § 21083.

119. The purpose of any voting system is to accurately record, store, consolidate, and report the specific selections, and absence of selections, made by the voter as well as to accurately measure the intent of the total body of eligible voters that voted.

120. Voter registration is encompassed in the definition of a voting system defined in HAVA because a voting system includes the documentation required to program the voting machines and to “cast and count votes.” 52 U.S.C. § 21081(b).

121. Petitioners believe and therefore aver the ability to “cast and count votes” begins with establishing eligibility and registering only qualified citizens into voter registration databases, thus assuring that all ballots granted, cast, and counted, are lawful.

122. Petitioners believe and therefore aver that inaccurate voter rolls have significant negative consequences in elections.

123. As voter registration is included by definition under the law as part of the voting system, it is subject to the allowable or not allowable error rates of voting systems as set forth in HAVA. 52 U.S.C. § 21081(a)(5). (The number of errors allowed using the one (1) error per 125,000 ballots formula in the Ohio General Election explained, *supra.*, Petitioners suggest therefore applies to voter registrations).

124. Per HAVA, in any given state, each qualified voter is granted a unique statewide identifier in a database, designed to eliminate the risk of double-voting or extra ballots being cast in the name of one individual voter.

125. HAVA furthermore requires that federal elections adhere to an accuracy standard, “...set at a sufficiently stringent level such that the likelihood of voting system errors affecting the outcome of an election is exceptionally remote even in the closest of elections.”⁶

⁶ United States (2002) *U.S. Federal Election Commission FEC*. United States [Web Archive] Retrieved from the Election Assistance Commission, https://www.eac.gov/sites/default/files/eac_assets/1/28/Voting_System_Standards_Volume_I.pdf (emphasis added).

126. Accuracy in a voting system is defined as the ability of the system to capture the intent of voters without error.⁷

127. Section 301 of HAVA regarding “Voting System Standards,” states that the “error rate of [a] voting system in counting ballots . . . shall comply with the error rate standards established under section 3.2.1 of the voting systems standards issued by the Federal Election Commission.” 52 U.S.C. § 21081(a)(5).

128. Petitioners ask this Court to recall that the FEC voting systems standards of section 3.2.1 established that the system shall achieve a target error rate of no more than **one (1) in 10,000,000 ballot positions, with a maximum acceptable error rate in the test process of one in 500,000 ballot positions.**

129. The Voluntary Voting System Guidelines (*hereinafter* “VVSG”), Version 1.1, Section 4.1.1 – Accuracy Requirements state, in part, “[a]ll systems shall achieve a report total error rate of no more than one in 125,000.” Furthermore, “[t]he benchmark of one in 125,000 is derived from the ‘maximum acceptable error rate’ used as the lower test benchmark in the 2005 Voluntary Voting System Guidelines Version 1.0. That benchmark was defined as a ballot position error rate of one in 500,000. The benchmark of one in 125,000 is expressed in terms of votes, however, it is consistent with the previous benchmark that the estimated ratio of votes to ballot positions is 1/4.”^{8 9}

⁷ United States. (2002) *U.S. Federal Election Commission FEC*. United States [Web Archive] Retrieved from the Election Assistance Commission, https://www.eac.gov/sites/default/files/eac_assets/1/28/Voting_System_Standards_Volume_1.pdf.

⁸ In the latest version of the VVSG, or VVSG 2.0, the EAC adopted the position that “the value of 10,000,000 ballot positions is taken from VVSG 1.0 [VVSG2005], however it is used here as the minimum number of ballot positions to test without error. *If a larger number of ballot positions is used, there still can be no error.*” (emphasis added).

⁹ United States (2015) *U.S. Election Assistance Commission*. United States [Web Archive] Retrieved from the Election Assistance Commission, https://www.eac.gov/sites/default/files/eac_assets/1/28/VVSG.1.1.VOL.1.FINAL1.pdf.

130. HAVA also requires that states who receive payments for the administration of elections must use the funds “in a manner consistent with each of the laws described in Section 21145 . . . and the proposed uses are not inconsistent with the requirements of Title III.” 52 U.S.C. § 20971(c).

131. Petitioners suggest that a private cause of action exists, and assert that right, under HAVA through 42 U.S.C. § 1983. *Colon-Marreror v. Velez*, 813 F.3d 1, 22 (1st Cir. 2016) (finding a private action under § 1983 for HAVA violations because the provision provided enforceable voting rights and imposes binding obligations on state officials).

132. Section 1983 provides a mechanism for enforcing individual rights secured elsewhere as in rights independently secured by the Constitution and laws of the United States. *Gonzaga University v. Doe*, 536 U.S. 273 (2002). Importantly, a § 1983 plaintiff must assert a violation of a federal right, not just a law. *Blessing v. Freestone*, 520 U.S. 329 (1997).

133. Petitioners aver that a private cause of action pursuant to § 1983 can be found for violations of HAVA Section 301, which requires voting systems to provide the voter with the opportunity to change the ballot or correct any apparent error before the ballot is cast and counted. 52 U.S.C § 21081(a)(1)(A)(ii). Faulty configuration of the voting machines by those government workers responsible could constitute such a violation.

134. Section 1983 as here advanced by Petitioners is currently the only mechanism where HAVA violations will receive any meaningful private review, yet it has proven thus far to be ineffectual at providing any real remedy for HAVA violations.

135. Like with NVRA, Congress’ power to pass HAVA comes from Article I, Section 8, Clause 18 of the United States Constitution, the Necessary and Proper Clause, making accurate voting systems a requirement to uphold the right of the people to choose their representatives.

D. Ohio Election Code

136. Under the Ohio Revised Code, the secretary of state, as the chief election officer, oversees and regulates voter registration procedures and the conduct of elections throughout the state of Ohio. R.C. § 3501.04.

137. Election duties of the secretary of state are, *inter alia*, the following:

- a. Appointing all members of county boards of elections. R.C. § 3501.05(A).
- b. Instructing members of the boards as to the proper methods of conducting elections. R.C. § 3501.05(B).
- c. Preparing rules and instructions for the conduct of elections. R.C. § 3501.05(C).
- d. Compelling the observance by county election officers of the requirements of the election laws. R.C. § 3501.05(M).
- e. Investigating the administration of election laws, frauds, and irregularities in elections in any county, and report violations of election laws to the attorney general and/or local law enforcement officials for prosecution. R.C. § 3501.05(N)(1).
- f. Filing a complaint with the Ohio elections commission whenever the secretary of state has or should have knowledge of a failure to comply with the election laws. R.C. § 3501.05(N)(2).
- g. Adopting rules for the removal by boards of elections of ineligible voters from the statewide voter registration database. R.C. § 3501.05(Q).
- h. Establishing and maintaining a computerized statewide database of all legally registered voters in compliance with HAVA and providing training in the operation of that system. R.C. § 3501.05(W).

- i. Implementing procedures and standards for determining when a board of elections shall be placed under official oversight of the secretary of state. R.C. § 3501.05(D)(D).

138. The statewide voter registration database established and maintained by the secretary of state, which is administered by the office of data analytics and archives in the office of the secretary of state, is the official list of registered electors for all elections conducted in Ohio. R.C. § 3503.15(A).

139. At a minimum, the statewide voter registration database must include all of the following:

- a. An electronic network connecting the office of the secretary of state with all board of elections offices and with the offices of all other boards of elections. R.C. § 3503.15(B)(1).
- b. A computer program that harmonizes the records contained in the database with records maintained by each board of elections. R.C. § 3503.15(B)(2).
- c. An interactive computer program that allows access to the records contained in the database by each board of elections and by any persons authorized by the secretary of state to add, delete, modify, or print database records, and to conduct updates of the database. R.C. § 3503.15(B)(3).
- d. A search program capable of verifying registered electors and their registration information. R.C. § 3503.15(B)(4).
- e. Safeguards to ensure that the integrity, security, and confidentiality of the voter registration information is maintained. R.C. § 3503.15(B)(5).

140. The secretary of state is required to implement regulations for application to the statewide voter registration database which address all of the following:

- a. Specifying the manner in which all voter registration records are maintained by boards of elections in other data formats shall be converted for inclusion in the statewide voter registration database. R.C. § 3503.15(E)(1).
- b. Establishing a uniform method for entering voter registration records maintained by boards of elections on an expedited basis and for transmitting information securely to the secretary of state. R.C. § 3503.15(E)(2).
- c. Establishing a uniform method for purging canceled voter registration records from the statewide voter registration database. R.C. § 3503.15(E)(3).
- d. Specifying the persons authorized to add, delete, modify, or print records contained in the statewide voter registration database and to make updates of that database. R.C. § 3503.15(E)(4).
- e. Establishing a process for annually auditing the information contained in the statewide voter registration database. R.C. § 3503.15(E)(5).

141. In accordance with the foregoing, the secretary of state, through the office of data analytics and archives, and in conjunction with the boards of elections, must maintain the accuracy of the statewide voter registration database. R.C. § 3503.151(A).

142. In furtherance of the duty to ensure that the accuracy of the statewide voter registration is maintained, the secretary of state is required to regularly furnish to the boards of elections all information and data necessary to do the following:

- a. Require the boards of elections to maintain the database in a manner that ensures that the name of each registered elector appears in the database, that

only individuals who are not registered or eligible to vote are removed from the database, and that duplicate registrations are eliminated from the database. R.C. § 3503.151(D)(1).

- b. Require the boards of elections to make a reasonable effort to remove individuals who are not eligible to vote from the database. R.C. § 3503.151(D)(2).
- c. Establish safeguards to ensure that eligible electors are not removed in error from the database. R.C. § 3503.151(D)(3).

143. The secretary of state is required to establish a uniform method for addressing instances in which records contained in the statewide voter registration database do not conform with records maintained by an agency, state, or a group of states. R.C. § 3503.151(E)(1).

144. The secretary of state must also adopt rules directing that any updated voter registration information must be verified by the secretary of state or a board of elections before the information is added to the statewide voter registration database for purposes of modifying an existing voter registration. R.C. § 3503.09(B)(2).

145. Fourteen (14) days prior to an election, the boards of elections shall prepare from the statewide voter registration database “a complete and official registration list for each precinct, containing the names, addresses, and political party whose ballot the elector voted in the most recent primary election within the current year and the immediately preceding two (2) calendar years, of all qualified registered voters in the precinct[.]” R.C. § 3503.23(A).

146. As Ohio’s chief election officer, in addition to the duties outlined above, the secretary of state is required to ensure proper certification of voting and tabulating equipment. In so doing, the secretary of state must establish guidelines for the approval, certification, and

continued certification of the voting machines, marking devices, tabulating equipment, and electronic pollbooks to be used in the Ohio election process. R.C. § 3506.05(H)(1).

147. No voting machine shall be certified by the secretary of state unless it satisfies, *inter alia*, the following requirements, under which the voting machine shall:

- a. Permit each elector to vote for all persons and offices for whom and for which the elector is lawfully entitled to vote and to vote for as many persons for an office as the elector is entitled to vote for. R.C. § 3506.10(B).
- b. Preclude each elector from voting for any candidate for whom the elector is not entitled to vote, from voting for more persons for any office than the elector is entitled to vote for, and from voting for any candidates for the same office more than once. R.C. § 3506.10(C).
- c. Permit each elector, at all presidential elections, to vote for candidates of one party for president, vice president, and presidential electors. R.C. § 3506.10(F).
- d. Be capable of adjustment by election officers so as to permit each elector, at a primary election, to vote only for the candidates of the elector's affiliated party and shall preclude the elector from voting for any candidate seeking nomination by any other political party; and to vote for the candidates for nonpartisan nomination or election. R.C. § 3506.10(G).
- e. Have a counter which will show at any time during the voting the total number of electors who have voted; and also, a protective counter, the register of which cannot be reset, which will record the cumulative total number of movements of the internal counters. R.C. § 3506.10(I).

- f. Be fitted with locks and seals by the use of which, immediately after the polls are closed or the operation of the machine for an election is completed, no further changes to the internal counters can be allowed. R.C. § 3506.10(J).
- g. Be so constructed that a voter may readily learn the method of operating it, may expeditiously cast a vote for all candidates of the voter's choice, and when operated properly shall register and record correctly and accurately every vote cast. R.C. § 3506.10(M).
- h. Preclude any person from seeing or knowing the number of votes registered for any candidate and from tampering with any of the internal counters. R.C. § 3506.10(N).
- i. Include a voter verified paper audit trail, if the voting machine is a direct recording electronic device. R.C. § 3506.10(P).

148. The board of elections, as instructed by the secretary of state, shall adhere to both of the following requirements prior to any election before a voting machine, marking device, or piece of automatic tabulating equipment may be used pursuant to R.C. § 3506.14(D):

- a. Test and audit the variable codes applicable to that election to verify the accuracy of any computer program that will be used for tallying the ballot cards for each precinct in which an election will be held. R.C. § 3506.14(A)(1).
- b. Conduct systematic logic and accuracy testing of every component of every voting machine, marking device, or piece of automatic tabulating equipment with every ballot style to be used in the election to ascertain that the ballots are accurate and that the machines, devices, and equipment will accurately record, mark, or count the votes cast for all offices. R.C. § 3506.14(A)(2).

149. The secretary of state must prescribe regulations to be followed by each board of elections regarding the examination, testing, and use of the voting machine and tabulating equipment and how votes shall be tallied and reported to the board, in addition to any other regulations the secretary of state deems necessary to ensure the adequate care and custody of voting equipment, and the accurate registering, counting, and canvassing of the votes in any Ohio election. R.C. § 3506.15.

150. The Ohio Revised Code prescribes numerous criminal penalties for failing to adhere to the election laws, including, *inter alia*, the following:

- a. Bribery. R.C. § 3599.01.
- b. Contributions for illegal election purposes. R.C. § 3599.04.
- c. Unlawful possession or distribution of ballots. R.C. § 3599.07.
- d. Influencing candidates and voters by publications. R.C. § 3599.08.
- e. False voter registration. R.C. § 3599.11.
- f. Illegal voting. R.C. § 3599.12.
- g. Purchase, theft, sale, destruction, or mutilation of petitions. R.C. § 3599.15.
- h. Interference with conduct of election. R.C. § 3599.24.
- i. Inducing illegal voting. R.C. § 3599.25.
- j. Tampering with ballots. R.C. § 3599.26.
- k. Possession of or tampering with voting machine, automatic tabulating equipment, or marking device. R.C. § 3599.27.
- l. False signatures. R.C. § 3599.28.
- m. Possession of false records. R.C. § 3599.29.
- n. Fraudulent marking or altering ballots or election records. R.C. § 3599.33.

o. Election falsification. R.C. § 3599.36.

151. Petitioners believe and therefore aver that Ohio cannot demonstrate effective control over voter eligibility in conformity with federal or state requirements, and Ohio has implemented a system that does not guarantee accuracy or compliance with legal mandates requiring Ohio election officials to ensure that only eligible voters may register and vote.

E. Election Fraud Congress Sought to Guard Against

152. Petitioners do not accuse any person or entity of engaging in election fraud in 2022, nor propose any person or entity will engage in such fraud in 2024 or in any subsequent federal elections in Ohio. Petitioners' purpose in describing types of voter fraud is to set forth the harms Congress sought to avoid by implementation of HAVA and NVRA as well as the various statutes passed by the Ohio General Assembly as cited above.

153. Petitioners believe and therefore aver that election fraud can occur in multiple diverse ways, not all of which are individualized to a specific actor.

154. Petitioners believe and therefore aver over the past fifty (50) years, Congress has enacted criminal laws with broad jurisdictional basis to combat false voter registrations, vote-buying, multiple-voting, and fraudulent voting in elections in which a federal candidate is on the ballot. *See* 52 U.S.C. §§ 10307(c), 10307(e), and 20511.

155. The federal jurisdictional predicate underlying these statutes is satisfied as long as either the name of a federal candidate is on the ballot, or the fraud involves corruption of the voter registration process in a state where one registers to vote simultaneously for federal as well as other offices. *Slone*, 411 F.3d at 647–48; *United States v. McCranie*, 169 F.3d 723, 727 (11th Cir. 1999).

156. Voting in federal elections for individuals who do not personally participate in, and assent to, the voting act attributed to them, or impersonating voters, or casting ballots in the names of voters who do not vote in federal elections, can constitute prosecutable election fraud. *See* 52 U.S.C. §§ 10307(c); 10307(e); and 20511(2).

157. It is *possible* for election officials acting “under color of law” to commit election fraud by performing acts such as diluting ballots with invalid ones (ballot stuffing), rendering false tabulations of votes, or preventing valid voter registrations or votes from being given effect in any election, federal or non-federal (18 U.S.C. §§ 241 and 242), as well as in elections in which federal candidates are on the ballot. *See* 52 U.S.C. §§ 10307(c), 10307(e), and 20511(2).¹⁰

158. An individual commits election fraud by submitting fictitious names to election officers for inclusion on voter registration rolls, thereby qualifying the fictitious name to vote in federal elections. 52 U.S.C. §§ 10307(c) and 20511(2).

159. An individual commits election fraud by knowingly procuring eligibility to vote for federal office by people who are not entitled to vote under applicable state law and/or people who are not United States Citizens. 52 U.S.C. §§ 10307(c) and 20511(2); 18 U.S.C. § 1015(f).

160. An individual who makes a false claim of United States Citizenship to register to vote commits election fraud. 18 U.S.C. §§ 1015(f) and 911.

161. A person who provides false information concerning a person’s name, address, or period of residence in a voting district to establish voting eligibility commits election fraud. 52 U.S.C. §§ 10307(c) and 20511(2).

¹⁰ For purposes of the within Petition, Petitioners do not suggest any Ohio election officials engaged in election fraud. Rather, Petitioners’ point out the *possibility* of improper conduct by election officials as a harm against which Congress and the General Assembly have sought to guard by enacting the various statutes cited here. A reason Congress, especially in HAVA, set forth standards that must be met before an election is considered reliable is to counter potential election fraud and to thus produce presumptively reliable election results.

162. Fraud can occur where an individual causes the production of voter registrations that qualify alleged voters to vote for federal candidates, where that individual knows the registrations are materially defective under applicable state law. 52 U.S.C. § 20511(2)

163. However, election fraud need not involve the participation of individual voters. Election fraud can occur where an individual or organization places fictitious names on voter rolls (allowing for fraudulent ballots which can later be used to stuff the ballot box, *supra.*), casting fake ballots in the names of people who did not vote, obtaining and marking absentee ballots without the input of the voter involved, and falsifying vote tallies.

164. When the federal government seeks to maintain the integrity of elections, it does so for specific federal interests *inter alia*: (1) the protection of the voting rights of racial, ethnic, or language minorities, a specific constitutional right; (2) the registration of voters to vote in federal elections; (3) the standardization and procurement of voting equipment purchased with federal funds; (4) the protection of the federal election process against corruption; (5) the protection of the voting process from corruption accomplished under color of law; and (6) the oversight of non-citizen and other voting by persons ineligible to vote under applicable state law. Richard C. Pilger, *Federal Prosecution of Election Offenses*, p. 30, 8th Edition (2017).

165. Congress has enacted a litany of specific crimes that can be prosecuted under a general definition as “election fraud”:

- a. Conspiracy Against Rights: 18 U.S.C. § 241. See *United States v. Saylor*, 322 U.S. 385 (1944) (stuffing a ballot box with forged ballots); *United States v. Classic*, 313 U.S. 299 (1941) (preventing the official count of ballots in primary elections); *United States v. Townsley*, 843 F.2d 1070, 1073–75 (8th Cir. 1988) (destroying ballots); *United States v. Morado*, 454 F.2d 167, 171 (5th Cir. 1972)

(casting absentee ballots in elderly or handicapped peoples' names); *Crolich v. United States*, 196 F.2d 879, 879 (5th Cir. 1952) (impersonating qualified voters); *United States v. Colvin*, 353 F.3d 569, 576 (7th Cir. 2003) (conspiracy need not be successful nor need there be an overt act).

- b. Deprivation of Rights under Color of Law: 18 U.S.C. § 242. See *United States v. Price*, 383 U.S. 787 (1966) (acted jointly with state agents); *Williams v. United States*, 341 U.S. 97 (1951) (actions clothed under Color of State Law).
- c. False Information in, and Payments for, Registering and Voting: 52 U.S.C. § 10307(c).¹¹
- d. Voting More than Once: 52 U.S.C. § 10307(e).
- e. Fraudulent Registration or Voting: 52 U.S.C. § 20511(2).
- f. False claims to Register or Vote: 18 U.S.C. § 1015(f).
- g. "Cost-of-Election" theory: 18 U.S.C. § 1341.
- h. Improper Retention of Federal Election Returns: 52 U.S.C. § 20701.

166. In short, election fraud can constitute numerous different actions or inactions, and federal and state governments of the United States have an interest in guarding the integrity of elections, and ensuring election fraud is stopped, then prosecuted appropriately.

VI. FACTS AND SUMMARY OF THE ISSUES

167. Petitioner United Sovereign Americans, Inc. reviewed Ohio's voter registration data from the 2022 General Election, which contained millions of entries of voter registration data.

¹¹ "Section 10307(c) protects two distinct aspects of a federal election: the actual results of the election, and the integrity of the process of electing federal officials." *United States v. Cole*, 41 F.3d 303, 307 (7th Cir. 1994).

168. Thereafter, expert data analysts acting on behalf of Petitioner United Sovereign Americans, Inc. performed a series of SQL database queries on the data to extrapolate and refine information about voter registrations in the state of Ohio. *See* Exhibit “8” for a copy of the SQL Database Queries.

169. United Sovereign Americans’ SQL database queries revealed more than one (1) million voter registration apparent errors in the state of Ohio. *See Infra*.

170. The results from the SQL database queries allowed Petitioners’ experts to produce a “Scorecard” reflecting Ohio’s voter registration data detailing the more than one (1) million apparent errors contained within that registration data. *See* Exhibit “9” for a copy of United Sovereign Americans’ Ohio 2022 General Election Validity Scorecard.

171. In addition, the results from the SQL Database Queries of Ohio’s voter registration data allowed Petitioners’ experts to compile a General Election Validity Reconciliation. *See* Exhibit “10” for a copy of United Sovereign Americans’ Ohio 2022 General Election Validity Reconciliation.

172. The results from the SQL Database Queries of Ohio’s voter registration data also revealed that apparent errors were *not uniformly* distributed by population across Ohio’s counties; some counties had far more registration apparent errors relative to population than others. *See* Exhibit “11” for a copy of United Sovereign Americans’ Ohio 2022 General Election county-by-county breakdown.

173. According to the data provided to Petitioner United Sovereign Americans, Inc. for the 2022 election, Ohio had 8,061,790 voter registrations one (1) day after certification.

A. Voter Registration Roll Inaccuracy

174. Expert analysis by Petitioner United Sovereign Americans, Inc. of the official Ohio State Voter Registration Data for the 2022 election revealed that, out of the 8,061,790 voter registrations, there was a total of **1,203,438** voter registration violations including:¹²

- a. 34,233 illegal duplicates, where the same voter has multiple registrations.
- b. 158,209 incomplete or unknown addresses.
- c. 59,025 registrations on or before the registrant's date of birth.
- d. 4,143 age discrepant registrants, where the voter is over the age of 115 years or registered prior to attaining the age of eighteen (18) years.
- e. 253,486 registrations on New Year's Day.
- f. 84,221 registrations on a federal holiday (not including New Year's Day).
- g. 201,693 registrations on Sunday.
- h. 6,348 registrants with modified dates of birth.
- i. 38,403 registrants whose voter history inexplicably changed.
- j. 120,094 registrants with registration dates altered backwards, where the new registration date pre-dates record in earlier voter roll.
- k. 243,583 registrants with an altered "unique" state voter identification number.

175. As demonstrated by the county-by-county breakdown, the above potential voter *registration violations* were pronounced in Ohio's largest counties. By way of example, in the 2022 General Election, 253,486 people statewide were registered to vote on a January 1st. Of those people statewide who registered on a January 1st, 189,276 of them were registered in Franklin County – nearly seventy-five percent (75%) of the statewide total from that single county.¹³

¹² See Exhibit 9.

¹³ See Exhibit 11.

176. Out of those 189,276 voters registered to vote on January 1st between the years of 1901 and 2022, 144,994 of those people voted. Dividing 144,994 votes by 189,276 voters, we discover that seventy-six-point-six percent (76.6%) of all voters registered to vote on January 1st in Franklin County voted in the 2022 General Election.

177. Franklin County has 698,227 voters with registration dates on the remaining 364 days of the year. These voters cast 286,072 votes in the 2022 General Election. Dividing 286,072 votes by 698,227 voters, we discover that forty-one percent (41%) of all voters registered to vote on any day other than January 1st voted.

178. This significant difference in turnout based solely on registration date, in the absence of clear certainty about the cause of this anomaly, may have unequally affected Franklin County voters in their choice of local representatives. Results in Franklin County may have also unequally affected Ohio voters in their choice of statewide and federal representatives.

179. Of all the votes cast in Franklin County in the 2022 General Election, one (1) out of every three (3) votes came from a person who registered on a January 1st sometime between 1901 and 2022.

180. All of the above Franklin County voting data, Petitioners' experts will establish as accurate at trial on the merits.

181. Petitioners believe and therefore aver that using Franklin County as an example, the central Ohio registration database is flawed as Franklin County does not claim seventy-five percent (75%) of Ohio's population but *does* possess seventy-five percent (75%) of the January 1st registrations, meaning that the "January 1st Registration" anomaly is not evenly distributed throughout Ohio, suggesting a violation of the 14th Amendment's guarantee of equal protection if

Franklin County voters' votes in 2022 were diluted by persons voting who should not have been voting.

B. Votes from Ineligible Voters

182. Expert analysis on behalf of Petitioner United Sovereign Americans, Inc. of the official Ohio State Voter Registration Data for the 2022 election revealed that, out of the votes cast in the 2022 General Election, there were a total of **713,296** apparent voting violations and **602,631** *unique* votes impacted by apparent voting violations.¹⁴ These violations were in the form of:¹⁵

- a. 8,025 illegal duplicate registrations.
- b. 41,126 incomplete or unknown addresses.
- c. 48,957 registrations on or before the registrant's date of birth.
- d. 49,362 registrations after the 2022 General Election cutoff date yet the registrant voted in the 2022 General Election.
- e. 1,636 age discrepant registrants, where the voter is over the age of 115 years or registered prior to attaining the age of eighteen (18) years.
- f. 197,757 registrations on New Year's Day.
- g. 45,542 registrations on a Federal Holiday (not including New Year's Day).
- h. 116,855 registrations on Sunday.
- i. 3,456 registrants with modified dates of birth.
- j. 18,210 registrants whose voter history inexplicably changed.
- k. 63,513 registrants with registration dates altered backwards, where the new registration date pre-dates record in earlier voter roll.

¹⁴ Some registered voters have more than one violation. The number of unique voters indicates how many individual registrations have apparent errors, whether it be one or multiple apparent errors.

¹⁵ See Exhibit 9.

1. 118,857 registrants with altered “unique” state voter identification number.

183. Similarly to the voter registration violations, the above *voting violations* were particularly prominent in Ohio’s most populous counties, with Franklin County accounting for **seventy-three percent (73%)** of voters with January 1st registration dates.¹⁶

184. In sum, of the state’s eighty-eight (88) counties, Ohio’s five (5) most populous – Franklin, Cuyahoga, Hamilton, Summit, and Montgomery – encompassed **fifty-two percent (52%)** of all voter registration violations and **fifty-seven percent (57%)** of all voting violations.¹⁷

185. Petitioners believe and therefore aver this data shows that in 2022 the voter rolls in Ohio were not accurate and current as required by the NVRA, HAVA, and Ohio-specific laws pertaining to voter registration. 52 U.S.C. §§ 20501(b)(4) and 21081; R.C. § 3503.15.

186. Thus far, Petitioners have exhausted every remedy known to them in advance of the 2024 (and subsequent) general election(s) to have these issues, and other issues raised below, addressed and remedied. Petitioners repeatedly sought in 2024 to seek redress and repair for these egregious violations through democratic means.

187. Respondents have cavalierly dismissed, and continue to dismiss, Petitioners’ concerns and, upon information and belief, have done so without any meaningful review, action, or response.

188. Petitioners believe and therefore aver that Respondents intend to administer and ultimately certify Ohio’s 2024 (and subsequent federal) general election(s) (involving both state and federal contests) using the same inaccurate and flawed data conditions.

¹⁶ See Exhibit 11.

¹⁷ See Exhibit 11.

C. Errors Rates in 2022 Compared to Rates Permitted Under Federal Law

189. Ohio's voting systems are subject to the permissible error rates set forth by Congress in HAVA and further elucidated by the FEC Voting System Standards 3.2.1 and explained in the VVSG. *Supra*.

190. The *maximum* number of apparent voting system errors permissible in counting votes in the 2022 Ohio General Election using the calculations set forth by the FEC upon mandate by Congress was thirty-four (34) errors at most allowed. *The total number of ballots impacted by voting system errors in the 2022 Ohio General Election, however, was 602,631 apparent errors. See Exhibit "9."*

191. Even accounting for the possibility that of the 602,631 apparent voting violations, many were not true errors, Petitioners believe and therefore aver that the state of Ohio cannot demonstrate that the 2022 General Election had thirty-four (34) errors or less starting from a "pool" of 602,631 potential errors.

192. Under HAVA, an error rate of no more than one in 125,000 is permissible before the results of an *entire election* becomes suspect, and the integrity and reliability of the election itself compromised. As mentioned above, this figure is calculated by dividing the total number of Ohio ballots cast in a given election by 125,000 to arrive at the number of permissible errors in that election in order to create an error rate of no more than one in 125,000 mandated by the VVSG.

193. For the 2022 Ohio General Election this is 4,201,368 (ballots counted) divided by 125,000, which equates to thirty-four (34) (rounded up) as the maximum errors permitted, meaning that in order for the election to be considered valid, there cannot have been more than thirty-four (34) voting system errors in the entire ballot tabulation for all ballots cast in that election.

194. However, in the 2022 Ohio General Election, the number of voting system apparent errors in counting ballots was 602,631, a figure dramatically exceeding the maximum allowable apparent error rate of thirty-four (34).

195. Because the voting system apparent error rate for the 2022 Ohio General Election was far above the maximum allowable error rates, Petitioners believe and therefore aver that the reliability and credibility of the 2022 results are cast into doubt as a matter of law.

196. Petitioners believe and therefore aver that, without this Court ordering Respondents to engage in immediate widespread and thorough corrective measures, the error rate in all subsequent federal elections will continue to exceed the permissible and congressionally mandated error rates, rendering such elections not only unreliable, but *uncertifiable*.

VII. VOTER-TO-VOTE DEFICIT

197. The official canvas for the 2022 Ohio General Election was 4,201,368 ballots counted, yet Ohio's official data astonishingly shows there were only 3,039,289 *voters who actually voted*, a discrepancy which can best be defined as a Voter-to-Vote deficit. *See Exhibit 10.*

198. While local boards of elections are afforded thirty (30) days after the close of canvass, which was November 29, 2022, to update voter histories in the statewide voter roll database, Secretary LaRose certified the Ohio 2022 Ohio General Election as accurate on December 9, 2022, *prior to reconciliation of all official records.*

199. At the conclusion of this thirty (30)-day reconciliation period, December 31, 2022, there remained a Voter-to-Vote deficit of 3,081 votes.

200. Ohio election authorities cannot account for or explain these discrepancies of 1,162,079 votes at the time of certification, and 3,081 votes at the time of reconciliation, numbers far in excess of thirty-four (34), each of which indisputably constituted an "error."

201. Petitioners believe and therefore aver that the **1,162,079 more votes counted than voters who voted** means that either tabulators overcounted votes statewide to a massive and impossible to believe degree, or there is an alternative source of the data discrepancy.¹⁸

202. As further evidence exemplifying the significance of the Voter-to-Vote deficit, **21,759** unique electors were *added* to the statewide voter roll database between December 10, 2022, *one day after certification*, and December 31, 2022, the close of reconciliation. Of those electors, **1,658** voted in the 2022 Ohio General Election.

203. Conversely, **40,280** unique electors were *removed* from the statewide voter roll database between December 10, 2022 and December 31, 2022, of which **2,859** voted in the 2022 Ohio General Election.

204. Petitioners believe and therefore aver that certification of the 2022 Ohio General Election prior to reconciliation of voter histories in the statewide voter roll database contradicted Ohio law, rendered the accuracy of the election results suspect, and delegitimized the standing audit procedures designed to ensure the integrity of Ohio's combined state and federal elections.

A. Ohio's 2022 General Election Validity

205. During Ohio's 2022 General Election, out of the 8,061,790 total registrations, of which Petitioners believe and therefore aver, there were 7,015,359 *valid* registrations, 115,257 uncertain/illogical/invalid registrations, and 931,174 ineligible registrations in violation of black letter election laws. *See* Exhibit 10.

¹⁸ Petitioners accuse no one of engaging in fraud or deceit. Petitioners merely point out the discrepancy, which could be due to unintentional tabulator error, fraud of unknown origin, a combination of both, or even fraud by the tabulators themselves. The discrepancy occurred in 2022 for an unknown reason. It is the deficit *itself*, regardless of the cause, that demonstrates an error rate far in excess of that permitted by HAVA calling into question the integrity of the election. Petitioners propose to ask this Court to order Respondents to ascertain why the deficit occurred in 2022, ensure that a similar deficit does not re-occur in 2024, and in all federal elections thereafter into the future.

206. Petitioners believe and therefore aver that of the people holding the 7,015,359 valid registrations, 3,596,861 ballots were counted in the 2022 Ohio General Election.

207. Petitioners believe and therefore aver that of the identified 115,257 uncertain/illogical/invalid registrations, 61,171 votes were counted in the 2022 Ohio General Election.

208. Petitioners believe and therefore aver that of the 931,174 registrations that violated election laws, **541,460** of those people holding such suspect registrations actually *cast votes that were counted* in the 2022 Ohio General Election without any effort by Ohio to ascertain whether these people with suspect registrations were permitted to vote or not.

209. Petitioners believe and therefore aver that the *registration* error rate in Ohio for the 2022 General Election was **twelve percent (12%)** of the total registrations on Ohio's voter rolls. This figure is arrived at by taking 115,257 uncertain/illogical/invalid registrations, plus 931,174 registrations which violated election laws, as a percentage of 8,061,790 total registrations.

210. Petitioners believe and therefore aver that the *voter* system error rate in Ohio for the 2022 General Election was **fourteen percent (14%)**, arrived at by taking 61,171 votes counted from uncertain/illogical/invalid registrations, plus 541,460 votes counted from illegal registrations, as a percentage of 4,201,368 votes cast.

211. To illustrate the significance of the voter system error rate, in 2022 the margin of victory in Ohio's 13th Congressional District was five percent (5%), with 149,816 votes to the "winner" and 134,593 votes to the "loser." The apparent error rate statewide in the 2022 Ohio General Election, fourteen percent (14%), when applied to the election in Ohio's 13th Congressional District, exceeds the margin of victory, meaning that if the apparent error rate in Ohio were evenly distributed by congressional district (which *ordinarily might* be a reasonable

assumption given that such districts must contain roughly the same number of people under the Constitution), the election results in Ohio's 13th Congressional District would be considered unreliable.¹⁹ That is not to say that the eventual "winner" there did not receive more votes than the eventual "loser." It simply means if the apparent error rate is assumed to be evenly distributed throughout Ohio, the winner in the 13th Congressional District cannot be *confident* in his/her election, and the loser cannot be *confident* in his/her defeat *because the election itself* would not have produced results that are reliable by law, thereby calling the integrity of the entire election process into question.

212. To expand on the above, Ohio's 2022 voter system error rate of fourteen percent (14%) *exceeded* the margin of victory in five (5) of Ohio's fifteen (15) congressional districts: 1, 7, 9, 13, and 15. Thus, one-third (1/3) of Ohio's *current* members of the United States House of Representatives *might* hold their seats owing to legally unreliable election results.

213. *Per* HAVA and the FEC, the legal standard of allowable registration errors for a federal election is 0.0008% (or one (1) out of 125,000) yet the voter system error rate in Ohio's 2022 combined state and federal General Election was fourteen percent (14%).

VIII. REQUESTED RELIEF

A. All Writs Act – 28 U.S.C. § 1651

214. Petitioners are not seeking to undermine official elections results previously certified. Petitioners have cited issues in prior Ohio federal elections to add weight to Petitioners'

¹⁹ This is merely a simplified example for illustrative purposes as Petitioners are aware that the apparent error rates are *not* evenly distributed county-by-county and thus cannot be evenly distributed by congressional district. For a county-by-county breakdown from highest to lowest apparent error rate by total numbers please see Exhibit 11 demonstrating which Ohio counties account for the greatest number of errors by total number.

belief that absent intervention by this Court, Respondents will permit the same apparent errors to occur in Ohio's 2024 General Election, and in all subsequent federal elections.

215. Petitioners seek redress from the constitutional harm brought upon them, and the Ohio electorate at large, by Respondents failure to comply with federal and state election law.

216. Petitioners believe and therefore aver that Respondents have done nothing, or an inadequate job, at addressing the issues presented in this Petition, particularly to address the inaccurate and apparently fraudulent voter rolls and voter systems used in federal elections conducted by state authorities.

217. Respondents' inaction and/or failure to act compels Petitioners to ask that this Court issue a Writ of *Mandamus* requiring Respondents to comply with the two federal statutes at issue (HAVA and NVRA) along with Title 35 of the Ohio Revised Code, while giving Respondents a reasonable time within which to bring Ohio into compliance in time for the 2024 General Election and all federal elections conducted by the state of Ohio going forward while providing relief to 2024 voters if bringing Ohio into compliance in time is impossible upon showing by Respondents.

218. Specifically, Petitioners respectfully seek that the Court order Respondents take steps, both short term and long term, to ensure the apparent errors made during the 2022 elections do not recur and to bring the State of Ohio into compliance with HAVA's specific mandate of no greater than one (1) voting error out of 125,000 votes.

219. This Court is authorized to issue a writ of *mandamus* under "The All Writs Act," granting the power to United States federal courts to "issue all writs necessary or appropriate in the aid of their respective jurisdictions and agreeable to the usages and principles of law." 28 U.S.C. § 1651.

220. A writ of *mandamus* under 28 U.S.C. § 1651 is typically used to fill gaps in the law, and the Supreme Court of the United States has stated that The All Writs Act is a “legislatively approved source of procedural instruments designed to achieve ‘the rational ends of the law.’” *Harris v. Nelson*, 394 U.S. 286 (1969) (All Writs Act *mandamus* properly used to conduct factual inquiries).

221. A writ of *mandamus* is warranted where “(1) no other adequate means exist to attain the relief, (2) the party’s right to issuance of the writ is clear and indisputable, and (3) the writ is appropriate under the circumstances.” *Hollingsworth v. Perry*, 558 U.S. 183, 190 (2010) quoting *Cheney v. United States Dist. Ct.*, 542 U.S. 367, 380–81 (2004) (stay granted where district court likely did not follow federal law).

222. A writ of *mandamus* is appropriate and necessary to vindicate the rights of citizens when a governmental agency or official has refused to perform a ministerial duty that Petitioners have established they have a clear legal right to have any governmental agency or official perform, in this case, requiring that Respondents, perform.

223. A federal court may use all auxiliary writs as aids when it is “calculated in [the court’s] sound judgment to achieve the ends of justice entrusted to it.” *Adams v. United States*, 317 U.S. 269, 273 (1942) (writ of *habeas corpus* is available to the circuit courts of appeals).

224. A “ministerial action” is a duty in a particular situation so plainly prescribed as to be free from doubt and equivalent to a positive command. *Wilbur v. United States*, 281 U.S. 206, 218 (1930); see also *Will v. United States*, 389 U.S. 90 (1967).

225. “Mandamus is employed to compel the performance, when refused, of a ministerial duty . . . [i]t also is employed to compel action, when refused, in matters involving judgment and discretion, but not to direct the exercise of judgment or discretion in a particular way nor to direct

the retraction or reversal of action already taken in the exercise of either.” *Wilbur v. United States*, 281 U.S. 206, 218 (1930). *See also Decatur v. Paulding*, 39 U.S. 497, 514-17 (1840) (Secretary of the Navy’s duty to approve of pensions was discretionary, and therefore, not ministerial); *Kendall v. United States*, 37 U.S. 524 (1838) (Postmaster General had a ministerial duty to make entries); *Work v. Rives*, 267 U.S. 175, 177 (1925).

226. Instantly, Petitioners have tried everything to convince Respondents to do their jobs, leaving Petitioners no other remedy than to seek a writ of *mandamus*.

227. Petitioners argue that injunctive and/or declaratory relief is inapplicable or inappropriate in this issue because the harm from the 2024 election is not yet realized and Petitioners are seeking to have Ohio election officials and/or federal officials bring the state of Ohio into compliance with federal and state law, specifically HAVA, NVRA, and Title 35 of the Ohio Revised Code, absent any other specific existing private cause of action Petitioners could assert that affords Petitioners relief.

228. Petitioners believe and therefore aver Respondents have allowed, and continue to allow, violations of federal election laws, Ohio election laws, the United States Constitution, and federal civil rights laws pertaining to voter rights, which include mandating accurate registration rolls, transparency, compliance, and proper certification of the voting systems. 52 U.S.C. §§ 20501 and 21083.

229. Petitioners believe and therefore aver that the voter rolls within the state of Ohio are inaccurate, in violation of NVRA and HAVA. These are not list maintenance failures. The inaccuracies represent a failure to control the process of validating and registering only qualified citizen voters. These apparently invalid and/or illegal registrations voted in large numbers in Ohio’s 2022 General Election.

230. Petitioners believe and therefore aver the Respondents have lost control of voter registration, leading to the distribution of ballots to what appear to be false registrants which results in a diluted vote and further harm to Petitioners and the electorate at large. The voter-to-vote deficit is illustrative here in that the official canvas for the 2022 Ohio General Election was 4,201,368 votes yet there exist 3,039,289 total votes in the data – a discrepancy of 1,162,079 votes. Upholding HAVA includes the risk assessments and proper certification of all system elements individually, and as a system as a whole.

231. Petitioners believe and therefore aver an election official's job is fidelity to the law in administering the electoral process, thereby protecting the integrity of an election, and the citizens from corruption in the election process.

232. Petitioners believe and therefore aver that Ohio officials' failure to follow the law has resulted in election outcomes that are untrustworthy. The voting system in its present form cannot be used to produce trustworthy reliable results without the requested judicial intervention.

233. Petitioners believe and therefore aver a writ of *mandamus* is appropriate in this case. Respondents have failed, and continue to fail, in complying with federal and state laws regarding voting – including voting accuracy and accountability. It is clear from Respondents' conduct before, during, and after, the 2022 elections that, absent judicial action, Respondents will do nothing to repair the deficiencies noted above to ensure the integrity of Ohio elections are conducted in compliance with federal and state law.

234. The scope of Petitioners' *mandamus* request is narrow: Petitioners seek this Court to order Respondents to follow existing federal and state law designed by Congress and the Ohio General Assembly to ensure that Ohio's 2024 and subsequent combined federal and state general elections produce reliable results within the margin of error rate allowed by law.

235. Petitioners hold up the mathematically unreliable (according to, *inter alia*, HAVA) 2022 Ohio combined federal and state General Election as evidence that, should the writ not issue, the apparent error rate in the 2024 and subsequent combined general elections will continue to exceed the maximum error rate permitted before an election is unreliable.

236. Petitioners seek that the requested writ direct Respondents to investigate and remedy the issues exposed in the 2022 elections to avoid repeating the same mistakes in future combined federal and state general elections which are constitutionally administered by Ohio pursuant to Article I, Section 4 (delegating to the state legislatures the power to regulate federal elections for members of the House of Representatives, with Congress reserving the power to “...alter such Regulations [made by the various state legislatures]...”),²⁰ and, generally, Article II, Section 1 (granting state legislatures the power to determine how presidential electors are chosen) of the United States Constitution.²¹

237. Petitioners believe and therefore aver that since the Constitution reserves to Congress the *ultimate* (as opposed to the *presumptive*) power to regulate the means by which Congress’ own members are chosen, while the Constitution simultaneously delegates the *presumptive* power to regulate such elections to, in this case, the General Assembly of the state of Ohio to further delegate as it sees fit to do so by law, those Respondents who are not federal officers

²⁰ Petitioners aver that NVRA and HAVA are examples of Congress’ exercising its power under Article I, Section 4 to “alter” Ohio’s (and all other states’) otherwise absolute constitutional authority to regulate federal elections to the House of Representatives and, by application of the 17th Amendment to the U.S. Constitution providing for the direct election of two (2) senators from each state, Congress may exercise its authority “...from time to time by Law make or alter such Regulations...” [of the various states...] to regulate the election of United States Senators as well the election of members of the House of Representatives.

²¹ Petitioners include citation to Article II and the choosing of electors for president and vice-president, (later modified by the 12th Amendment), to again demonstrate the Framers’ intent that the various states shall have presumptive authority to regulate and administer the election of all federal officers on the ballot for consideration in a federal election. Article I, Section 4 (as later amended) and Article II, Section (as later amended) are examples of where the Framers intentionally intertwined the powers of the various states with those of Congress, while making certain Congress maintained the *ultimate* power to regulate the election of its members, the then-prevailing concepts of *Federalism* and *Dual Sovereignty* notwithstanding.

per se, become federal officers by agency requiring them to carry out not only Ohio election law, but additionally to carry out federal election statutes passed by Congress and duly signed into law by the President under Congress' ultimate authority laid out in Article I, Section 4.

238. Petitioners believe and therefore aver that delegations of authority by the General Assembly of powers to supervise federal elections to any Respondent Ohio officials pursuant to the General Assembly's power to regulate federal elections granted by Article I, Section 4, makes said Ohio Respondents into federal officers by agency or quasi-federal officials in the conducting of their duties to regulate federal elections.

239. Petitioners believe and therefore aver that ordinary principles of federalism and dual sovereignty where a federal judge would be reluctant to issue an order to an Ohio official pertaining to how that state official may perform his/her official functions are inapplicable because the Respondent Ohio official is acting in his/her hybrid role as a quasi-federal officer as required by Article I, Section 4.

240. Petitioners believe and therefore aver, then, that this Court has authority to issue the requested writ of *mandamus* to compel, not just the Respondent federal officers to ensure that federal election law is carried out in Ohio's 2024 and subsequent general elections, this Court also has the authority to compel Respondent Ohio officials because said officials are charged by the U.S. Constitution in the carrying out of federal law where Congress has asserted its power to "alter" existing Ohio federal election procedures as it did in enacting NVRA and HAVA.

241. Petitioners believe and therefore aver that any delegation from the Ohio General Assembly to the executive branch of Ohio government (e.g., to the governor who may, in turn, delegate power to the secretary of state if needed, or any delegation of the General Assembly's power to regulate federal elections to the attorney general) still falls under this Court's authority

which is derived through Article I, Section 4's grant to the various state legislatures of the power to supervise federal elections.

242. Petitioners believe and therefore aver that simply because the General Assembly may have chosen to delegate some of its authority to supervise federal elections to Respondent members of Ohio's executive branch of government, such delegation does not insulate such officials from the power of this Court, since this Court's power comes from its authority over the delegating entity, in this case the Ohio General Assembly.

B. Action to Compel Officers of the United States to Perform Their Official Duties – 28 U.S.C. § 1361

243. District courts are empowered with the ability to compel an officer or employee of the United States or any agency thereof to perform a duty owed to a plaintiff. 28 U.S.C. § 1361.

244. Respondents Attorney General Garland and the USDOJ are parties responsible for the enforcement of federal election laws, specifically HAVA and NVRA.

245. Respondents Attorney General Garland and the USDOJ are officers, employees, or an agency of the United States.

246. Petitioners believe and therefore aver that Respondents Attorney General Garland and the USDOJ have done nothing, or, at best, an inadequate job at addressing the issues presented above, namely, the inaccurate and apparently fraudulent voter rolls and systems within Ohio.

247. The inaction and/or failure to act is harming Petitioners and the Ohio electorate at large warranting that the Court issue a Writ of *Mandamus* compelling Respondents Attorney General Garland and the USDOJ to enforce and police the two (2) federal statutes at issue (NVRA and HAVA) for implementation in the Ohio 2024 General Election and subsequent combined federal and state elections administered by Ohio officials and giving Respondents a reasonable period of time in which to do so.

248. Specifically, the Court should order Respondents to take preventative measures to see the apparent errors evident in the 2022 elections are not repeated in the 2024 and subsequent elections and bring the state of Ohio into compliance with HAVA's specific mandate of no greater than one (1) voting error out of 125,000 votes to ensure reliable election results as HAVA intended.

249. A writ of *mandamus* is warranted where “(1) no other adequate means exist to attain the relief, (2) the party’s right to issuance of the writ is clear and indisputable, and (3) the writ is appropriate under the circumstances.” *Hollingsworth v. Perry*, 558 U.S. 183, 190 (2010) quoting *Cheney v. United States Dist. Ct.*, 542 U.S. 367, 380–81 (2004) (stay granted where district court likely did not follow federal law).

250. A writ of *mandamus* is appropriate and necessary to vindicate the rights of citizens when a governmental agency or official has refused to perform a ministerial duty that the petitioner has established has a clear legal right to have the governmental agency or official, in this case Respondents, perform.

251. A “ministerial action” is a duty in a particular situation so plainly prescribed as to be free from doubt and equivalent to a positive command. *Wilbur v. United States*, 281 U.S. 206, 218 (1930); see also *Will v. United States*, 389 U.S. 90 (1967).

252. Relief contemplated under statute providing that federal district courts shall have original jurisdiction of any action in nature of *mandamus* to compel an officer or employee of United States or any agency thereof to perform a duty owed to plaintiff is at least as broad as under common-law writ of *mandamus*. *Carey v. Local Bd. No. 2, Hartford, Conn.*, 297 F.Supp. 252 (D. Conn. 1969), *aff'd*, 412 F.2d 71 (2nd Cir. 1969).

253. Petitioners believe and therefore aver they have no other remedy than a writ of *mandamus* and to compel an officer or employee of the United States or any agency thereof to perform a duty owed to plaintiff/petitioner.

254. Petitioners argue that injunctive and/or declaratory relief is inapplicable or inappropriate to this issue because the harm from the 2024 election is not yet realized and Petitioners are seeking to have Ohio election officials and/or federal officials bring the state of Ohio into compliance with federal and state law, specifically HAVA, NVRA, and the Title 35 of the Ohio Revised Code, absent any other specific private cause of action that affords Petitioners relief.

255. Petitioners believe and therefore aver Respondents Attorney General Garland and the USDOJ have allowed, and continue to allow, violations of federal election laws, the United States Constitution, and federal civil rights laws pertaining to voter rights, which include mandating accurate registration rolls, transparency, compliance, and proper certification of the voting systems.

256. Petitioners believe and therefore aver the voter rolls within the state of Ohio are inaccurate, in violation of NVRA and HAVA. These are not simply list-maintenance failures. Instead, the inaccuracies represent a failure to control the process of validating and registering only qualified citizen voters, thereby allowing persons to vote in the Ohio 2022 General Election in significant numbers who held apparently invalid and/or illegal registrations.

257. Petitioners believe and therefore aver that Respondents' failure to follow or enforce the law has resulted in election outcomes that are untrustworthy and unreliable. The state of Ohio's voting system in its present form cannot be trusted to produce reliable results under HAVA because Respondents will not follow the dictates of the Act, thus necessitating judicial intervention.

258. A writ of *mandamus* against Respondents Attorney General Garland and the USDOJ is appropriate in this case. Respondents Attorney General Garland and the USDOJ have failed, and continue to fail, in forcing the state of Ohio to comply with federal laws regarding voting, including voting accuracy and accountability as is clear from how Ohio officials conducted the 2022 Ohio General Election.

259. Petitioners believe and therefore aver that without judicial action, Respondents will do nothing to comply with HAVA and other federal and state statutes that ensure the integrity of Ohio's elections and the same issues evident from the 2022 General Election will call into question the validity of Ohio's 2024 General Election results.

260. The scope of this request for a writ of *mandamus* is narrow: Petitioners seek a judicial order requiring Respondents, both federal and state, to follow the laws cited herein in conducting the 2024 and subsequent federal elections, and adequately investigate and remedy the problems exposed in and 2022 elections and detailed in this Petition.

IX. CONCLUSION

WHEREFORE, Petitioners respectfully request that this Honorable Court formally recognize Ohio's voter registration rolls contained more than one (1) million apparent errors in the 2022 General Election. Further, that these apparent errors took the form of illegal duplicate registrations, incomplete or unknown addresses, registrations on or before the registrant's date of birth, age discrepant registrants, registrations on January 1st, registrations on a federal holiday, registrations on Sunday, registrations with modified dates of birth, registrants whose voter history inexplicably changed, registrants with registration dates altered backwards, and registrants with altered "unique" state voter identification numbers. Petitioners ask this Court to enter an order in *mandamus* compelling Respondents to ministerially correct the apparent errors evident from the

2022 elections data, ascertain to the Court's satisfaction the reasons why the 2022 errors occurred, and prevent those same or similar ministerial errors from recurring during the Ohio 2024 General Election and all subsequent federal general elections to ensure the integrity of Ohio's combined federal and state elections going forward for years to come. Petitioners, additionally, seek pursuant to permissible causes of action under NVRA and HAVA, this Court order that the state of Ohio may not certify the 2024 General Election unless and until the relevant Respondents have demonstrated to the Court that the 2024 General Election and subsequent elections were conducted in conformity with federal and state law and with fewer than the maximum errors permissible. Lastly, Petitioners seek and order in *mandamus* requiring all public officials named as Respondents perform their duties as the law intended whether it be conducting federal elections in conformity with the law or investigating, and where warranted in their discretion, prosecuting persons or entities for failing to perform their duties in conformity to the law after being given timely notice to do so.

Respectfully Submitted,

By:



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Date:

08/07/2024

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CIVIL COVER SHEET

Civil cover sheet and the information contained herein neither replace nor supplement the filing and service of pleadings or other papers as required by law, except as by local rules of court. This form, approved by the Judicial Conference of the United States in September 1974, is required for the use of the Clerk of Court for the purpose of initiating the civil docket sheet. (SEE INSTRUCTIONS ON NEXT PAGE OF THIS FORM.)

YOUNGSTOWN

(a) PLAINTIFFS

United Sovereign Americans, et al.

DEFENDANTS

State of Ohio, et al.

(b) County of Residence of First Listed Plaintiff St. Louis County, MO
(EXCEPT IN U.S. PLAINTIFF CASES)

County of Residence of First Listed Defendant
(IN U.S. PLAINTIFF CASES ONLY)

NOTE: IN LAND CONDEMNATION CASES, USE THE LOCATION OF THE TRACT OF LAND INVOLVED.

(c) Attorneys (Firm Name, Address, and Telephone Number)
R. Aaron Miller - R. Aaron Miller Law Office - 2 16th St.,
Unit 606, Wheeling, WV 26003. (304) 559-7254.

Attorneys (If Known)

II. BASIS OF JURISDICTION (Place an "X" in One Box Only)

- 1 U.S. Government Plaintiff
- 2 U.S. Government Defendant
- 3 Federal Question (U.S. Government Not a Party)
- 4 Diversity (Indicate Citizenship of Parties in Item III)

III. CITIZENSHIP OF PRINCIPAL PARTIES (Place an "X" in One Box for Plaintiff and One Box for Defendant)

- | | | | | | |
|---|----------------------------|----------------------------|---|----------------------------|----------------------------|
| | PTF | DEF | | PTF | DEF |
| Citizen of This State | <input type="checkbox"/> 1 | <input type="checkbox"/> 1 | Incorporated or Principal Place of Business In This State | <input type="checkbox"/> 4 | <input type="checkbox"/> 4 |
| Citizen of Another State | <input type="checkbox"/> 2 | <input type="checkbox"/> 2 | Incorporated and Principal Place of Business In Another State | <input type="checkbox"/> 5 | <input type="checkbox"/> 5 |
| Citizen or Subject of a Foreign Country | <input type="checkbox"/> 3 | <input type="checkbox"/> 3 | Foreign Nation | <input type="checkbox"/> 6 | <input type="checkbox"/> 6 |

IV. NATURE OF SUIT (Place an "X" in One Box Only)

CONTRACT		TORTS		FORFEITURE/PENALTY	BANKRUPTCY	OTHER STATUTES
<input type="checkbox"/> 110 Insurance	<input type="checkbox"/> 310 Airplane	<input type="checkbox"/> 365 Personal Injury - Product Liability	<input type="checkbox"/> 625 Drug Related Seizure of Property 21 USC 881	<input type="checkbox"/> 422 Appeal 28 USC 158	<input type="checkbox"/> 375 False Claims Act	<input type="checkbox"/> 410 Antitrust
<input type="checkbox"/> 120 Marine	<input type="checkbox"/> 315 Airplane Product Liability	<input type="checkbox"/> 367 Health Care/ Pharmaceutical Personal Injury Product Liability	<input type="checkbox"/> 690 Other	<input type="checkbox"/> 423 Withdrawal 28 USC 157	<input type="checkbox"/> 376 Qui Tam (31 USC 3729(a))	<input type="checkbox"/> 410 Antitrust
<input type="checkbox"/> 130 Miller Act	<input type="checkbox"/> 320 Assault, Libel & Slander	<input type="checkbox"/> 368 Asbestos Personal Injury Product Liability				<input type="checkbox"/> 400 State Reapportionment
<input type="checkbox"/> 140 Negotiable Instrument	<input type="checkbox"/> 330 Federal Employers' Liability	<input type="checkbox"/> 370 Other Fraud				<input type="checkbox"/> 430 Banks and Banking
<input type="checkbox"/> 150 Recovery of Overpayment & Enforcement of Judgment	<input type="checkbox"/> 340 Marine	<input type="checkbox"/> 371 Truth in Lending				<input type="checkbox"/> 450 Commerce
<input type="checkbox"/> 151 Medicare Act	<input type="checkbox"/> 345 Marine Product Liability	<input type="checkbox"/> 380 Other Personal Property Damage				<input type="checkbox"/> 460 Deportation
<input type="checkbox"/> 152 Recovery of Defaulted Student Loans (Excludes Veterans)	<input type="checkbox"/> 350 Motor Vehicle	<input type="checkbox"/> 385 Property Damage Product Liability				<input type="checkbox"/> 470 Racketeer Influenced and Corrupt Organizations
<input type="checkbox"/> 153 Recovery of Overpayment of Veteran's Benefits	<input type="checkbox"/> 355 Motor Vehicle Product Liability					<input type="checkbox"/> 480 Consumer Credit (15 USC 1681 or 1692)
<input type="checkbox"/> 160 Stockholders' Suits	<input type="checkbox"/> 360 Other Personal Injury					<input type="checkbox"/> 485 Telephone Consumer Protection Act
<input type="checkbox"/> 190 Other Contract	<input type="checkbox"/> 362 Personal Injury - Medical Malpractice					<input type="checkbox"/> 490 Cable/Sat TV
<input type="checkbox"/> 195 Contract Product Liability						<input type="checkbox"/> 850 Securities/Commodities Exchange
<input type="checkbox"/> 196 Franchise						<input type="checkbox"/> 890 Other Statutory Actions
						<input type="checkbox"/> 891 Agricultural Acts
						<input type="checkbox"/> 893 Environmental Matters
						<input type="checkbox"/> 895 Freedom of Information Act
						<input type="checkbox"/> 896 Arbitration
						<input type="checkbox"/> 899 Administrative Procedure Act/Review or Appeal of Agency Decision
						<input type="checkbox"/> 950 Constitutionality of State Statutes

Click here for: Nature of Suit Code Descriptions.

V. ORIGIN (Place an "X" in One Box Only)

- 1 Original Proceeding
- 2 Removed from State Court
- 3 Remanded from Appellate Court
- 4 Reinstated or Reopened
- 5 Transferred from Another District (specify)
- 6 Multidistrict Litigation - Transfer
- 8 Multidistrict Litigation - Direct File

VI. CAUSE OF ACTION

Cite the U.S. Civil Statute under which you are filing (Do not cite jurisdictional statutes unless diversity):
28 USC 1651; 28 USC 1361

Brief description of cause:
Petition for Relief in the Form of a Writ of Mandamus

VII. REQUESTED IN COMPLAINT:

CHECK IF THIS IS A CLASS ACTION UNDER RULE 23, F.R.C.V.P. DEMAND \$ _____ CHECK YES only if demanded in complaint:
JURY DEMAND: Yes No

VIII. RELATED CASE(S) IF ANY

(See instructions):

JUDGE _____

DOCKET NUMBER _____

DATE: 8-8-2024

SIGNATURE OF ATTORNEY OF RECORD

FOR OFFICE USE ONLY

RECEIPT # _____ AMOUNT _____ APPLYING IFP _____ JUDGE _____ MAG. JUDGE _____

UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF OHIO

I. Civil Categories: (Please check one category only).

- 1. General Civil
- 2. Administrative Review/Social Security
- 3. Habeas Corpus Death Penalty

*If under Title 28, §2255, name the SENTENCING JUDGE: _____

CASE NUMBER: _____

II. **RELATED OR REFILED CASES** See LR 3.1 which provides in pertinent part: "If an action is filed or removed to this Court and assigned to a District Judge after which it is discontinued, dismissed or remanded to a State court, and subsequently refiled, it shall be assigned to the same Judge who received the initial case assignment without regard for the place of holding court in which the case was refiled. Counsel or a party without counsel shall be responsible for bringing such cases to the attention of the Court by responding to the questions included on the Civil Cover Sheet."

This action: is **RELATED** to another **PENDING** civil case is a **REFILED** case was **PREVIOUSLY REMANDED**

If applicable, please indicate on page 1 in section VIII, the name of the Judge and case number.

III. In accordance with Local Civil Rule 3.8, actions involving counties in the Eastern Division shall be filed at any of the divisional offices therein. Actions involving counties in the Western Division shall be filed at the Toledo office. For the purpose of determining the proper division, and for statistical reasons, the following information is requested.

ANSWER ONE PARAGRAPH ONLY. ANSWER PARAGRAPHS 1 THRU 3 IN ORDER. UPON FINDING WHICH PARAGRAPH APPLIES TO YOUR CASE, ANSWER IT AND STOP.

(1) **Resident defendant.** If the defendant resides in a county within this district, please set forth the name of such county

COUNTY:

Corporation For the purpose of answering the above, a corporation is deemed to be a resident of that county in which it has its principal place of business in that district.

(2) **Non-Resident defendant.** If no defendant is a resident of a county in this district, please set forth the county wherein the cause of action arose or the event complained of occurred.

COUNTY:

(3) **Other Cases.** If no defendant is a resident of this district, or if the defendant is a corporation not having a principle place of business within the district, and the cause of action arose or the event complained of occurred outside this district, please set forth the county of the plaintiff's residence.

COUNTY:

IV. The Counties in the Northern District of Ohio are divided into divisions as shown below. After the county is determined in Section III, please check the appropriate division.

EASTERN DIVISION

-
-
-

AKRON
CLEVELAND
YOUNGSTOWN

(Counties: Carroll, Holmes, Portage, Stark, Summit, Tuscarawas and Wayne)
(Counties: Ashland, Ashtabula, Crawford, Cuyahoga, Geauga, Lake, Lorain, Medina and Richland)
(Counties: Columbiana, Mahoning and Trumbull)

WESTERN DIVISION

-

TOLEDO

(Counties: Allen, Auglaize, Defiance, Erie, Fulton, Hancock, Hardin, Henry, Huron, Lucas, Marion, Mercer, Ottawa, Paulding, Putnam, Sandusky, Seneca VanWert, Williams, Wood and Wyandot)

INSTRUCTIONS FOR ATTORNEYS COMPLETING CIVIL COVER SHEET FORM JS 44

Authority For Civil Cover Sheet

The JS 44 civil cover sheet and the information contained herein neither replaces nor supplements the filings and service of pleading or other papers as required by law, except as provided by local rules of court. This form, approved by the Judicial Conference of the United States in September 1974, is required for the use of the Clerk of Court for the purpose of initiating the civil docket sheet. Consequently, a civil cover sheet is submitted to the Clerk of Court for each civil complaint filed. The attorney filing a case should complete the form as follows:

- I.(a) Plaintiffs-Defendants.** Enter names (last, first, middle initial) of plaintiff and defendant. If the plaintiff or defendant is a government agency, use only the full name or standard abbreviations. If the plaintiff or defendant is an official within a government agency, identify first the agency and then the official, giving both name and title.
- (b) County of Residence.** For each civil case filed, except U.S. plaintiff cases, enter the name of the county where the first listed plaintiff resides at the time of filing. In U.S. plaintiff cases, enter the name of the county in which the first listed defendant resides at the time of filing. (NOTE: In land condemnation cases, the county of residence of the "defendant" is the location of the tract of land involved.)
- (c) Attorneys.** Enter the firm name, address, telephone number, and attorney of record. If there are several attorneys, list them on an attachment, noting in this section "(see attachment)".
- II. Jurisdiction.** The basis of jurisdiction is set forth under Rule 8(a), F.R.Cv.P., which requires that jurisdictions be shown in pleadings. Place an "X" in one of the boxes. If there is more than one basis of jurisdiction, precedence is given in the order shown below.
 United States plaintiff. (1) Jurisdiction based on 28 U.S.C. 1345 and 1348. Suits by agencies and officers of the United States are included here.
 United States defendant. (2) When the plaintiff is suing the United States, its officers or agencies, place an "X" in this box.
 Federal question. (3) This refers to suits under 28 U.S.C. 1331, where jurisdiction arises under the Constitution of the United States, an amendment to the Constitution, an act of Congress or a treaty of the United States. In cases where the U.S. is a party, the U.S. plaintiff or defendant code takes precedence, and box 1 or 2 should be marked.
 Diversity of citizenship. (4) This refers to suits under 28 U.S.C. 1332, where parties are citizens of different states. When Box 4 is checked, the citizenship of the different parties must be checked. (See Section III below; **NOTE: federal question actions take precedence over diversity cases.**)
- III. Residence (citizenship) of Principal Parties.** This section of the JS 44 is to be completed if diversity of citizenship was indicated above. Mark this section for each principal party.
- IV. Nature of Suit.** Place an "X" in the appropriate box. If there are multiple nature of suit codes associated with the case, pick the nature of suit code that is most applicable. Click here for: [Nature of Suit Code Descriptions](#).
- V. Origin.** Place an "X" in one of the seven boxes.
 Original Proceedings. (1) Cases which originate in the United States district courts.
 Removed from State Court. (2) Proceedings initiated in state courts may be removed to the district courts under Title 28 U.S.C., Section 1441.
 Remanded from Appellate Court. (3) Check this box for cases remanded to the district court for further action. Use the date of remand as the filing date.
 Reinstated or Reopened. (4) Check this box for cases reinstated or reopened in the district court. Use the reopening date as the filing date.
 Transferred from Another District. (5) For cases transferred under Title 28 U.S.C. Section 1404(a). Do not use this for within district transfers or multidistrict litigation transfers.
 Multidistrict Litigation – Transfer. (6) Check this box when a multidistrict case is transferred into the district under authority of Title 28 U.S.C. Section 1407.
 Multidistrict Litigation – Direct File. (8) Check this box when a multidistrict case is filed in the same district as the Master MDL docket.
PLEASE NOTE THAT THERE IS NOT AN ORIGIN CODE 7. Origin Code 7 was used for historical records and is no longer relevant due to changes in statute.
- VI. Cause of Action.** Report the civil statute directly related to the cause of action and give a brief description of the cause. **Do not cite jurisdictional statutes unless diversity.** Example: U.S. Civil Statute: 47 USC 553 Brief Description: Unauthorized reception of cable service.
- VII. Requested in Complaint.** Class Action. Place an "X" in this box if you are filing a class action under Rule 23, F.R.Cv.P.
 Demand. In this space enter the actual dollar amount being demanded or indicate other demand, such as a preliminary injunction.
 Jury Demand. Check the appropriate box to indicate whether or not a jury is being demanded.
- VIII. Related Cases.** This section of the JS 44 is used to reference related pending cases, if any. If there are related pending cases, insert the docket numbers and the corresponding judge names for such cases.

Date and Attorney Signature. Date and sign the civil cover sheet.

EXHIBIT “1”

December 28th 2023

To: Wood County Board of Elections (BOE): Julie Baumgardner (Director); Terry L Burton (Director); Jonathan R Jakubowski (Board Member); John T. Cuckler (Board Member); Andrew J. Newlove (Board Member); Mike Zickar (Board Member)

CC: Honorable Teresa Gavarone (Senator); Honorable Haraz Ghanbari (Representative)
Wood County Commissioners: Dr Theodore Bowlus; Doris Herringshaw; Craig LaHote
Secretary of State Frank LaRose

From: Coalition of Concerned Voters of Ohio

Subject: Security flaws in Dominion D-Suite voting machines used in Wood County may require the machines to be decertified.

Dear Board of Elections Directors and Board Members,

We are a coalition of voters in Ohio who are not affiliated with any political party, and like you, share the goal of ensuring that our election system in Ohio is secure, accurate, and can be trusted.

Over the past two and a half years, the Dominion ICX and D-Suite voting machines have been the subject of controversy and investigation with two independent teams of cybersecurity experts performing forensic examinations on Dominion machines in Georgia and Colorado. A Dominion ICX machine was examined in Fulton County Georgia and a D-Suite Election Management Server (EMS) machine was examined in Mesa County Colorado. The Georgia report is known as the Halderman Report and the Colorado report is divided into three volumes: Mesa County Colorado Reports 1, 2, and 3. Since these reports are lengthy, we have summarized their findings and provided links to the entire reports in the Appendix to this letter *"Summary of Dominion D-Suite Election Management System (EMS) and ImageCast X Voting System Security Flaws."*

Based on these extensive examinations, the voting machines were found to be unsafe for use in any election and, according to the well-credentialed experts who performed the forensic examination of the machines, should not have been certified in the first place. The Halderman report prompted CISA, the agency within the Department of Homeland Security (DHS) responsible for protecting our nation's election infrastructure, to issue a security advisory (ICSA-22-154-01) in June 2022 warning Board of Elections (BOE) of the security flaws. Additionally, the judge that presided over the lawsuit that produced the Halderman report felt that the merits of the case warranted it to go to trial beginning in January 2024.

It is sobering to note that both machines had been certified by a federally accredited Voting System Test Laboratory (VSTL) which means they met the specifications of a 2005 Voluntary Voting System Guideline (VVSG), developed primarily by the voting machine vendors

themselves. Apparently, the Georgia and Colorado machines were not examined and tested very well for security flaws and that, which is beyond the scope of this letter, raises questions about the certification process itself.

The Halderman Report revealed numerous security flaws that could be easily exploited by a malicious actor. For example, a QR barcode is printed on each ballot adjacent to the text that shows the voter's selections. The voter's selections are encoded into the QR code so that the machine can then read them, but the voter cannot. Halderman demonstrated how easy the QR code could be manipulated, therefore changing the vote. Since the voter cannot verify that the QR code accurately reflects the vote cast, this seems to be in violation of Ohio Revised Code (ORC) Chapter 3506.01 "Voting and tabulation equipment definitions," section (H) which states: *"After the physical paper printout is produced, but before the voter's ballot is recorded, the voter shall have an opportunity to accept or reject the contents of the printout as matching the voter's ballot choices."* It also appears to be a violation of the Help America Voting Act (HAVA) that requires voting machines to allow voters to verify ballots before they are cast.

The Mesa County reports show that critical files had been deleted and unauthorized software had been installed in the EMS causing a backdoor which allowed votes to be significantly altered.

These reports conclude that the machines are vulnerable to manipulation during an election and therefore raise the question that they may also be vulnerable to manipulation in support of an audit. Ohio performs post-election audits, which presumably gives a reasonable degree of confidence that the vote is accurate, and all twelve counties that use the Dominion machines employ a percentage-based audit whereby 5% of all ballots cast are audited. However, in an article *"How Ohio elections can SELECT rather than ELECT and escape post-election audit detection,"* one analyst presents a scenario whereby votes may be manipulated and not detected in the percentage-based audits that are used by the 12 counties that use the Dominion ICX machines. (See Reference 1 in the Summary Attachment).

Our concern is that the Dominion machines that are currently in use in Wood County and eleven other counties in Ohio, may also have similar security flaws that would render them unsafe for use in elections and may require them to be decertified. If so, we need to know what steps have been taken to mitigate or correct them. This is a serious matter, and the vendor (Dominion) cannot be relied upon to self-police themselves and point to a software patch as a fix. Since the VSTLs failed to catch these security flaws during certification, they cannot be relied upon either. Although the Ohio Bureau of Voting Machine Examiners (BVME) is responsible for examining and approving voting equipment for use in Ohio elections, they don't have the technical expertise either to adequately review the reports and perform the necessary cybersecurity forensic examinations of the Dominion voting machines in Ohio to determine their viability.

It is recommended that the Ohio Secretary of State appoint an independent team of cyber experts review the Halderman and Mesa County reports in their entirety and be given access to

the machines for examination to determine if security flaws exist. To protect any vendor proprietary information from being released, a non-disclosure agreement between the vendor and cyber team can be signed. Potential cyber expertise that the Secretary could enlist might include academia (Ohio colleges / universities with graduate computer science & engineering programs) or the Ohio Cyber Reserve (Oh CR) under the Command of the Adjutant General. Under their election security support mission, the Oh CR is authorized to assist local government entities (such as BOEs) at no cost with an independent team of cyber experts that can evaluate system security vulnerabilities and provide recommendations.

In closing, we request the following be provided to the undersigned by January 30, 2024:

1. Confirm that Wood County BOE has requested the Ohio Secretary of State to provide an independent team of cyber experts to review the Halderman and Mesa County Colorado reports and to examine the ICX and EMS machines in Wood County to determine their viability to be used in elections. If your decision is not to pursue this course of action, then provide your preferred alternate approach for ensuring that the machines are safe to be used in elections.
2. Describe the measures that Ohio BVME has taken to identify and disable any wireless modems embedded in the Dominion voting machines such as those reported in the Mesa County # 3 Report.
3. Dominion claims that a new software patch (Democracy Suite 5:17) has been released to address many of the security flaws. Confirm whether or not the new software has been installed and identify the specific security flaws in both the ICX and EMS machines that were addressed.
4. Does the EMS server contain unauthorized software (MS SQL Server Management Studio 17) as identified in the Mesa County Colorado #2 report?
5. According to the CISA advisory, the ImageCast X provides the configuration option to produce ballots that do not print barcodes (QR codes) for tabulation. Can you verify that this option applies to the Voter Verified Paper Audit Trail (VVPAT)? If so, how would that affect the audit?

Respectfully submitted,

Coalition of Concerned Voters of Ohio
PO Box 99, Dublin OH 43017
Email: CCVO@protonmail.com

**Summary of
Dominion D-Suite Election Management System (EMS) and
Imagecast X (ICX) Voting System Security Flaws
(Halderman and Mesa County Colorado Reports)**

Overview

The security and trustworthiness of our voting machines and our voting system at large is paramount to keeping and maintaining our democracy. Unfortunately, the atmosphere surrounding elections has become so politicized over the past few years that it has stifled honest and open discussion when it comes to concerns about the integrity of our voting machines.

As you are aware, concerns over electronic voting machines are not new and span over twenty years. After Kerry's loss to Bush in 2004, Hillary Clinton's loss to Trump in 2016, and more recently with Trump's loss to Biden in 2020, the integrity of electronic voting machines has been called into question and valid questions have been raised. Specifically, in the aftermath of the 2004 and 2016 presidential elections, multiple investigations and Congressional hearings were held and expert witnesses under oath concluded that electronic voting machines can be easily hacked and programmed to alter elections.

In 2018, county election boards across Ohio went through the process of choosing new vendors to replace outdated voting machines. At the time, some counties were using Direct Recording Electronic (DRE) touchscreen machines without paper ballots that recorded voter's selections in the internal memory of the voting machine. After a number of cyber experts warned that the DRE machines were vulnerable to manipulation, many counties decided to switch to paper ballots that could be optically scanned. It is our understanding that twelve counties in Ohio including Adams, Butler, Fairfield, Greene, Hancock, Harden, Madison, Perry, Richland, Scioto, Stark and Wood, chose the Dominion ICX and D-Suite EMS Direct Recording Electronic (DRE) system with voter verified paper audit trail.

The Halderman Report

Link to Report: The redacted version of the "*Security Analysis of Georgia's ImageCast X Ballot Marking Devices*" aka The Halderman Report, can be accessed at <https://storage.courtlistener.com/recap/gov.uscourts.gand.240678/gov.uscourts.gand.240678.1681.0.pdf>

Background

The forensic examination of the Dominion machines in Georgia had its origins in a lawsuit (*Curing v. Raffensperger*) filed in 2017 by voters in Georgia who suspected that their aging ES&S Direct Recording Electronic (DRE) voting machines purchased in 2005 were not trustworthy and needed to be replaced. The ES&S machines did not have a paper ballot and stored voters cast in its internal memory. The Secretary of State opted to replace the ES&S machines with the Dominion ImageCast X Ballot Marking Device system, which is also a DRE voting machine, but prints out a ballot with the voter's selection in text and a QR barcode that encodes the vote so that it can be read by an optical scanner. However, after experiencing issues with the Dominion machines in the 2018 midterm election, the original plaintiffs continued with their lawsuit stating that the Dominion machines could not be trusted.

In September 2020, the plaintiff's hired a renowned cybersecurity expert to perform a six-week forensic examination on one of the machines and they discovered vulnerabilities in nearly every part of the system that is exposed to potential attackers. The findings were sobering and substantial enough to prompt a nation-wide security advisory to be issued to all BOEs by CISA, the agency within the Department of Homeland Security charged with protecting the nation's election system.

Initially, the Halderman report was sealed by court order for two years over concerns that revelations of the security flaws could be capitalized on by malicious actors. A redacted version was eventually released to the public in June 2023. Given the gravity of the situation, the Judge that presided over the original lawsuit released an opinion on 10 November 2023 that the case needed to go to trial to determine whether Georgia's statewide electronic voting system, as currently designed and implemented, suffers from major cybersecurity deficiencies that would allow votes to not be counted accurately. The trial is scheduled to begin in January 2024.

Halderman Report Findings

The Halderman report findings were significant enough to prompt CISA, the agency under the Department of Homeland Security responsible for protecting our election infrastructure, to release a security advisory (ICSA-22-154-01) in June 2022 warning BOEs about the ICX machine security flaws and that the security risks should be mitigated as soon as possible. However, unlike the Halderman Report, CISA's advisory contained few details about the problems identified, therefore downplaying the scope and depth of the findings in the actual report.

Although CISA's security advisory contained the caveat "*While these vulnerabilities present risks that should be promptly mitigated, CISA has no evidence that these vulnerabilities have been exploited in any election,*" it could also be said that CISA has no evidence that the vulnerabilities have not been exploited. Case in point,

CISA's highly classified network was hacked in 2020 by a cyberattack known as Solar Winds (see Reference 2 in the Summary Attachment). As bad as it was for the agency charged with protecting our nation's election system to be hacked, what made it worse was that it went undetected for a year and CISA still does not know the extent of the data that was compromised. If CISA was unaware of its own network being hacked, it doesn't instill confidence when they say they have no evidence that the Dominion machines have been hacked. It is entirely possible that the machines have been and continue to be exploited without being detected.

The Halderman Report's major finding was that the QR codes printed on the BMD ballots and DRE paper audit trail can be altered without the voter's knowledge through a simple hack of the ICX machine itself, or more likely from an arbitrary-code-execution vulnerability that can be exploited to spread malware from the county's central election management system (EMS) to every BMD / DRE in the jurisdiction. This makes it possible to attack the ICX BMDs / DREs at scale, over a wide area, without needing physical access to any of them.

It is important to note that the Georgia ICX BMD machines are identical to the ICX Direct Recording Electronic (DRE) machines used in Ohio with the exception that the BMD prints voter selections onto a ballot whereas the DRE machines print voter selections onto a voter-verified paper audit trail (VVPAT) tape that is enclosed in the machine. In both cases, voter selections are converted into a QR code that is printed on the ballot / VVPAT tape that is then read by the machine to tally the votes. The problem is that the voter has no way of verifying that the QR code has accurately captured the vote since they can't read it. This flaw was first identified by a Democrat-led Congressional Task Force on Election Security in 2018 (See Reference 3 below):

*"Some DRE machines have a VVPAT that allows voters the opportunity to review a printout of their selections before casting a ballot. However, the VVPAT system has two flaws. First, voters are unlikely to actually review the paper record to make sure it is accurate. Second, votes are still recorded on the internal memory of the machine. **That means a hacker could infect the machine in a way where the paper printout reflects the voter's actual preference, but the machine's internal memory records a different vote.** In other words, the printout does not necessarily verify whether the machine is tabulating correctly. Moreover, in the process of implementing risk-limiting audits, Colorado has found that VVPAT systems create significant logistical hurdles and are much harder to audit than paper ballots. As a result, several experts we spoke to believe that the VVPAT machines should be phased out as well."*

Following the release of the Halderman Report, Dominion produced a new software version, Democracy Suite 5.17 that purportedly addresses several of the vulnerabilities described in the report. The patched software entered federal certification testing in October 2022 and was certified by the U.S. Election Assistance Commission in March

2023. Halderman was not given access to the updated software (nor to his knowledge neither has CISA been given access) so he cannot verify whether the changes are effective. It has been reported that the Ohio BVME has informed at least one of the twelve affected Ohio County BOEs (Butler) of Dominion's software patch to correct the security flaws. However, according to a recent CNN news article (see Reference 6 below), Georgia election officials say that upgrading the ICX machines would be such a massive undertaking that they have decided to wait until after the 2024 election to do so. The bottom line is that the version 5.17 software patch appears to be a large update and may not address all of the CISA advisory security flaws. In addition, it is not clear whether it addresses the EMS security flaws discovered in the Mesa County reports.

The MITRE Report

As a rebuttal to the Halderman Report, Dominion hired The MITRE Corporation to do an "Independent Technical Review" of the Georgia ICX machines. The report concluded that Halderman's attacks were "operationally infeasible" due to the physical controls in place in the state and the low likelihood of flipping enough votes to make an impact. Access to the report can be found at this link:
<https://sos.ga.gov/sites/default/files/2023-06/MITRE%20Report.pdf>.

Based on the findings of the MITRE Report, Georgia's Secretary of State Raffensperger defended the Dominion ICX machines in a letter (see Reference 4 below) to the Georgia state General Assembly in June 2023. The following is an excerpt of his remarks:

"The Halderman report was the result of a computer scientist having complete access to the Dominion equipment and software for three months in a laboratory environment. It identified risks that are theoretical and imaginary. We have to run elections in the real-world, not just create conspiracies or hypothetical possibilities. Our security measures are real and mitigate all of them."

The day the Halderman Report was released to the public, Halderman challenged the findings of the MITRE Report in a news article published in June 2023 (see Reference 5 below) by stating:

"In March 2022, Dominion hired MITRE to respond to my Report. Unlike me and my assistant, Dominion did not give MITRE access to the voting equipment or software, so they couldn't perform any actual security tests. Instead, MITRE assessed the attacks described in our report without essential access to the source information.....MITRE's analysis, which is unsigned, applies faulty reasoning to assert that exploiting the vulnerabilities is 'operationally infeasible.'" This contradicts CISA's determination that "these vulnerabilities present risks that should be mitigated as soon as possible."

MITRE's analysis isn't simply wrong—it is dangerous, since it will surely lead states like Georgia to postpone installing Dominion's software updates and implementing other important mitigations. Considering the overwhelming evidence of physical security lapses in Georgia and other states, MITRE should retract the report, which fails to account for the real-world conditions under which election equipment is stored and operated. More than 25 leading experts in cybersecurity and election security have sent a letter to MITRE CEO Jason Providakes urging him to retract MITRE's dangerously mistaken report."

The Mesa County Colorado Reports

Background

The Mesa County Colorado reports were initiated by the Mesa County Colorado Clerk / Recorder Tina Peters who turned whistleblower after discovering that her Secretary of State wanted to do a major update to the voting machines after the 2020 election without first making backups. She was concerned that if she allowed updates to be made without a backup, she would be in violation of federal law that mandates the preservation of election data. She then made backups prior to and after the 2020 general election and the following 2021 primary election and hired an expert cybersecurity team to preserve data and determine if there were any changes made because of the updates. The examination occurred over a six-month period from September 2021 to March 2022 at the Mesa County Colorado BOE and resulted in the release of three reports.

When CISA issued their security advisory in response to the Halderman Report, they provided a caveat that "no evidence has been brought forth to show that the ICX system vulnerabilities have altered any elections." However, the advisory did not address the Election Management System (EMS) server. The Mesa County Colorado Reports looked at the EMS server in Mesa County and provided convincing evidence that the Dominion EMS server they examined altered the outcomes of the 2020 and 2021 elections in Mesa County Colorado. To date, CISA has not acknowledged the findings of the Mesa County Reports and the findings of the Mesa Reports were disputed by the Mesa County District Attorney (DA), who launched a criminal investigation after the reports were published. Although the DA concluded that the problems identified in the Mesa Reports were attributed to human error, the authors of the Mesa reports countered by noting that the DA did not use an independent cybersecurity expert to review their findings and could not name a single conclusion in the report that was false, much less provide any evidence that a conclusion was false.

Findings

The findings of the Mesa County Reports are even more incriminating than those of the Halderman Report and provide alarming and conclusive evidence that the Mesa County Dominion D-Suite EMS server contained unauthorized software and was purposely programmed to manipulate votes.

Mesa County Report # 1 Findings

Title: Forensic Examination and Analysis Report (69 pages)

Issued: September 15, 2021; Author: Doug Gould

Link to report: [https://static1.squarespace.com/static/](https://static1.squarespace.com/static/620c3af99f21b965e2cbef44/t/622638ae2bbc6b1e5e988cf3/1646672059000/Mesa-EMS-Server-Image-Forensic-Report-No-1-09-15-21.pdf)

[620c3af99f21b965e2cbef44/t/622638ae2bbc6b1e5e988cf3/1646672059000/Mesa-EMS-Server-Image-Forensic-Report-No-1-09-15-21.pdf](https://static1.squarespace.com/static/620c3af99f21b965e2cbef44/t/622638ae2bbc6b1e5e988cf3/1646672059000/Mesa-EMS-Server-Image-Forensic-Report-No-1-09-15-21.pdf)

“Analysis of the Mesa County EMS server identified that extensive deletion of both election data and election-related data, comprising election records which must and should have been preserved under Federal and Colorado law, has occurred either because of or coincident with the vendor’s and CO Secretary of State’s modification of the system from version 5.11 to 5.13. This deleted data is critical to any effort to reconstruct events taking place on the voting systems, and to determine of unauthorized access or operation of the voting system took place.”

Mesa County Report # 2 Findings

Title: Forensic Examination and Analysis Report (136 pages)

Issued: February 28, 2022; Author: Doug Gould

Link to report: [https://static1.squarespace.com/static/](https://static1.squarespace.com/static/620c3af99f21b965e2cbef44/t/62268289a0e00c56951c5044/1646690974087/mesa-county-forensic-report-no.-2+compressed+1.1.pdf)

[620c3af99f21b965e2cbef44/t/62268289a0e00c56951c5044/1646690974087/mesa-county-forensic-report-no.-2+compressed+1.1.pdf](https://static1.squarespace.com/static/620c3af99f21b965e2cbef44/t/62268289a0e00c56951c5044/1646690974087/mesa-county-forensic-report-no.-2+compressed+1.1.pdf)

- *“Based on testing, the Election Management System (EMS) server is not secure and violates security standards required by state and federal law and protections have not been implemented in accordance with the requirements of the Federal Election Commission’s 2002 Voting System Standards (VSS). Those Standards constitute a mandatory minimum requirement for a voting system to be certified and used under Colorado law. **Given the fundamental flaws in the security design and configuration of this system, there is no conceivable interpretation under which this voting system could be considered secure.** The fact that it was tested and certified for use vitiates claims of competency and trustworthiness of the entire regime of testing and certification being used, of truthfulness of testing and certification statements, of competency of the Colorado Secretary of State’s office, and of the validity of any election results obtained from the voting system as used in any jurisdiction.”*

- *“Uncertified software (MS SQL Server Management Studio 17) was installed that violates and renders illegal the certification of the election system to be used in an election. As configured, it creates a ‘back door’ that allows the bypassing of Dominion Voting System’s software and enables any data in the vote data base to be changed. In other words, votes can be flipped and by changing only two values in the database, tens of thousands of votes can be flipped.”*
- *“Mandatory audit trails (logs) had been deleted making it extraordinarily difficult (and maybe impossible) to forensically determine whether any external connection allowing unauthorized access to the voting system, wireless or wired, occurred before, during or after the elections.”*
- *“The Mesa County EMS server used through May 2021 was assembled in Mexico, and its motherboard was manufactured in China. It is well understood that foreign manufacture or assembly exposes the components to the risk of compromise through the installation of foreign-controlled access devices during manufacture in the reported supply-chain attack.”*

Mesa County Report # 3 Findings

Title: Election Database and Data Process Analysis (68 pages)

Issued: March 10, 2022; Authors: Jeffrey O'Donnell & Walter C. Daugherty.

Link to report: <https://static1.squarespace.com/static/620c3af99f21b965e2cbef44/t/6239f21179bda53621a515e2/1647964693221/mesa-forensic-report-3-signed+%281%29.pdf>

This report documents the findings of an examination of tabulated vote databases based on forensic analysis of the drive image of Mesa County, Colorado's Dominion Voting Systems (DVS) Election Management System (EMS) server. This analysis was performed using the forensic image of the EMS server, which was backed up before Colorado Secretary of State and DVS overwrote the hard drive with D-Suite version 5.13.

- *“There were unauthorized creations of new tabulation and adjudication databases on the election management server during the November 2020 General Election and 2021 Municipal Election along with selective copying of batch and ballot records from the original databases to the new ones. **This manipulation places all initial ballots counted into a state where they cannot be validated, therefore the system cannot be considered reliable to be used in any election.**”*
- *“The ballot record manipulation described above would not be identifiable to an election official using the voting systems, nor to an observer or judge overseeing*

the election conduct, much less to citizens with no access to the voting systems; without both cyber and database management system expertise, and unfettered access to database records and computer log files (many of which were destroyed by the actions of the Secretary of State) from the EMS server, the manipulation would be undetectable.”

- *“Multiple wireless access devices are known to be embedded in the Dominion Voting System (DVS) hardware (36 were found to exist in DVS-D suite components as documented by Dell and the equipment inventory list). The forensic team used a wireless modem to emulate those found in the machines and given the insecure configuration of the server, they were able to edit and change vote totals using a standard iPhone!”*

Mesa County Colorado District Attorney (DA) Challenge to Mesa County Report # 3

In May 2022, soon after the Mesa # 3 report was released, The Mesa County DA’s office launched a criminal investigation into the serious allegations raised in the Mesa # 3 report. The DA’s conclusion (see Reference 7 below) was that the key issue raised by the Mesa #3 report (i.e. the creation of an unauthorized database) was caused by human error, and not by malicious software in the Dominion voting machine. This investigation was closed with no finding of probable cause that a crime was committed by any person.

Mesa Report # 3 Author’s Rebuttal to the Mesa DA Criminal Investigation

The cybersecurity experts who authored the Mesa # 3 report released an official response in May 2022 (see Reference 8 below) to the conclusions reached by the Mesa County DA’s investigation. The following are excerpts from their response:

- *“The DA Report did not name a single conclusion in the report that was false, much less provide ANY evidence that a conclusion was false. In the third Mesa Forensic Report, the authors list three possible causes of the anomalies and give their expert opinions that on-site human action was the least likely based on interviews with those involved. The DA claims to have proven that it was on-site human action which caused the anomalies without ever looking the databases involved or engaging an independent expert to do so, given that the investigators have no database expertise.”*
- *“The DA’s office discussed a possible method by which the new database could have been created, should a clerk perform a highly unusual procedure which is extremely dangerous when done in the middle of tabulating an election. The video presented as “evidence” shows absolutely no definitive screen detail to support the DA’s claims that this “nuclear option” was ever performed. In addition, the EMS logs, which show in great detail the operations performed by both the clerks*

and the normal automated processes within the Dominion software application, show no corresponding commands being initiated. This fact alone is evidence that the unauthorized operations were triggered by code running within the EMS server but outside of normal procedure. "

- *"Additionally, did the DA's office or any of their technical experts access the publicly available forensic image of the Mesa County server taken before representatives of the Colorado Secretary of State and Dominion Voting Systems erased all files on that server? If not, how can the DA plausibly investigate the findings and conclusions of Report #3, which were completely derived from that forensic image?"*
- *"In summary, the DA's report is lacking any evidence to refute any of the findings or conclusions of Report #3, and we find that the DA's report is completely lacking any evidence or technical rigor of a serious, unbiased investigation."*

References:

1. ***How Ohio elections can SELECT rather than ELECT and escape post-election audit detection.*** Link: <https://www.ohio4truth.com/post/how-ohio-elections-can-change-from-elected-to-selected-and-escape-post-election-audit-detection>
2. ***April 16, 2021 NPR article: "A 'Worst Nightmare' Cyberattack: The Untold Story of the Solar Winds Hack".*** Link: <https://www.npr.org/2021/04/16/985439655/a-worst-nightmare-cyberattack-the-untold-story-of-the-solarwinds-hack>
3. ***2018 Congressional Task Force on Election Security (p.24 under "Findings)."***
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjl7v6G2aiDAXUZg4kEHaZmCmlQFnoECA8QAQ&url=https%3A%2F%2Fwww.hsdl.org%2F%2Fview%3Fdocid%3D808309&usq=AOvVaw3AQ_bCtOx9INoDy6xLSXEQ&opi=89978449
4. ***June 20, 2023 Letter from Georgia Secretary of State to GA General Assembly: "Setting the Election Security Record Straight"*** Link: <https://sos.ga.gov/news/setting-election-security-record-straight>
5. ***June 14, 2023 article published on Freedom-to-Tinker.com website "Security Analysis of the Dominion ImageCast X"*** by J. Alex Halderman Link: <https://freedom-to-tinker.com/2023/06/14/security-analysis-of-the-dominion-imagecast-x/>

6. June 14, 2023 *CNN* News article “Georgia won’t update vulnerable Dominion software until after 2024 election.” Link: <https://www.cnn.com/2023/06/14/politics/dominion-voting-georgia-vulnerabilities-2024/index.html>)
7. May 19, 2022 letter “Conclusion of investigation of Report 3 re: Elections.” from Daniel P. Rubenstein, District Attorney to Mesa County Commissioners and Grand Junction City Council. Link: <https://wp-cpr.s3.amazonaws.com/uploads/2022/05/Summary-of-findings-and-conclusions-of-Report-3.pdf>
8. Official Response to Mesa DA Investigation. Fact check of Rubenstein’s Investigative Report by Randy Corporon, Attorney for Tina Peters. Link: <https://tinapeters.us/wp-content/uploads/2023/11/OFFICIAL-STATEMENT-5-20.pdf>

EXHIBIT “2”

To: The Honorable Frank LaRose
Ohio Secretary of State
180 S Civic Center Dr.
Columbus, OH 43215

From: Coalition of Concerned Voters of Ohio
PO Box 99,
Dublin OH 43017

Subject: Evidence Shows Dominion Machines Currently in Use in Ohio Should be Decertified
and the Governor Should Activate the Ohio Cyber Reserve to Verify

February 23, 2024

Dear Secretary LaRose,

This is a follow-up to the letter that we sent you on December 29, 2023, summarizing the findings of extensive forensic examinations by two independent teams of cybersecurity experts that examined the Dominion D-Suite Voting System (DVS) machines used in Georgia and Colorado.

The DVS consists of an Election Management System (EMS) server and associated ImageCast X (ICX) voting machines. In Ohio they are called Direct-Recording Electronic (DRE) voting machines and in Georgia they are referred to as Ballot marking Devices (BMDs). The only difference between them is that Ohio prints the voter's selections onto a Voter Verified Paper Audit Trail (VVPAT) that includes a QR code while Georgia prints out the voter's selections onto a ballot (that also includes a QR code) that is then scanned into an optical scanner.

The findings of the two forensic examinations (one for the EMS and the other for the BMDs), were detailed in four reports totaling over 400 pages and showed that the Dominion machines are so riddled with security flaws that, according to the experts, they should not be used in any election and should not have been certified for use in the first place. During the trial in Georgia that will soon determine the fate of the Dominion machines in Georgia, the cybersecurity expert for the plaintiffs said the ICX machine were not designed with security in mind in the first place, so it was compromised to the point that no software patch could fix it.

But this was not the first time that the Dominion line of machines was found to have serious security issues. The Dominion ICX machines today are basically re-packaged Diebold DRE machines. In 2009, Dominion acquired DRE machines from ES&S who in turn had just acquired

them from Diebold but were forced to divest their interest in these machines because of an anti-trust lawsuit.

Since their inception, the Diebold DRE machines were plagued with controversy. As part of a "Top-to-Bottom" review of California's voting systems, California's Secretary of State contracted with the University of California-Berkley in 2007 to perform an in-depth review of the Diebold's Voting System source code.

Their analysis showed that the technological controls in the Diebold software did not provide sufficient security to guarantee a trustworthy election. The machine was not built with a focus on security in the first place (sound familiar?), so the software contained serious design flaws that led directly to specific vulnerabilities that attackers could exploit to affect election outcomes. The conclusion was that it couldn't be made secure by simple software fixes and needed to be totally reengineered. These findings prompted the Secretary of State to decertify the Diebold machines for use in California.

Fast forward to 2017 when a group of citizens in Georgia (known as Curling et al) sued the state over concerns that the Diebold DRE machines that had been in use in Georgia since 2002 could not to be trusted. Keep in mind that these were the same machines that California had decertified in 2008.

The lawsuit resulted in a court ruling that the Diebold machines were constitutionally deficient. However, by the time of that ruling in 2019, Georgia had already made the decision to replace the old Diebold machines with the current Dominion DRE machines that produced a printed ballot. Concerned that this new version was simply the old system being re-packaged, the plaintiffs continued with their lawsuit.

In 2020, an expert cybersecurity witness for the plaintiffs performed a forensic examination of the Fulton County Dominion machine and produced what became known as the "Halderman report". Its findings were so damning that it prompted the court to have it sealed for two years for fear that its release to the public may endanger future elections. A redacted version was eventually released to the public in June 2023. Prior to that release, CISA, the agency within the Department of Homeland Security (DHS) responsible for protecting our nation's election system, released a security advisory to all Board of Elections (BOEs) warning them of serious security flaws in the Dominion machines that needed to be mitigated as soon as possible.

In addition to the letter that we sent you in December 2023, we sent a copy of the same letter to the 12 BOEs within Ohio that have the Dominion ICX machines asked them if they were aware of the CISA security advisory and what actions, if any, had been taken to mitigate the identified vulnerabilities.

We received responses back from two BOEs (Adams and Wayne), and they informed us they were aware of the CISA advisory and that the Ohio Board of Voting Machine Examiners (BVME) had tasked Dominion to come up with a fix. They were told that a software patch (Version 5.17) was being released by Dominion to resolve the issues after going through Election Assistance Committee (EAC) certification and it should be installed in Ohio's machines by the summer of 2024. We had previously reached out, on numerous occasions to the Ohio BVME in May 2023 asking about the status of the CISA security advisory but did not receive a reply.

As previously noted, cybersecurity experts have concluded that a simple software patch will not address the security flaws in the Dominion machines since the overall design of the system is flawed with numerous vulnerabilities. In addition, the CISA security advisory did not address the vulnerabilities of the EMS machines that were discovered in Colorado at all. It is also important to note that both the Colorado and Georgia machines including the Dominion DRE machines that California decertified had all passed federal testing and certification.

Since neither the BOEs nor Ohio BVME have the technical expertise to analyze and evaluate the Dominion machines nor certainly the vendor cannot be relied on to perform an impartial analysis, an independent analysis by a team of cybersecurity experts is called for. Under Ohio Revised Code (ORC) Section 5922.08 Power of Governor, the governor can activate the Ohio Cyber Reserve (OhCR) under the auspices of "protecting state, county, and local government entities and critical infrastructure including election systems," to conduct an in-depth review of the Dominion machines.

We respectfully ask you to call for the governor to activate the OhCR to first review all pertinent forensic reports and documentation to date and then be given unfettered access to the Dominion machines in Ohio for a thorough forensic review and evaluation. If the machines are verified to be defective as we suspect, it would be prudent to adopt a back-up plan of hand-counting the ballots in the way they were previously done in Ohio before the era of voting machines (refer to the 1936 Ohio General Code Chapter XIV, Section 4785-143 "Counting of Votes"). Currently, upwards of 200 counties throughout the U.S. have adopted hand counting paper ballots or have started the process to do so.

Sincerely,

Coalition of Concerned Voters of Ohio (CCVO)
PO Box 99, Dublin OH 43017
Email: CCVO@protonmail.com

EXHIBIT “3”

Documenter	Type	Description	Submitted To:	Date Submitted	Narrative	Final Status	Preservation request	County Name	Why it matters
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	7/10/2022	Requested cast vote record report for Nov 2020, Nov 2021, and May 2022	Forwarded to SOS for some reason		Adams	Report of tabulation of ballots may reveal irregularities
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received		Allen	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Denied. "Unisyn can't produce report"		Ashland	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received		Athens	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Not received, record preservation	Yes. Sent 9/2/22	Auglaize	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Acknowledged 8/31		Brown	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Received		Carroll	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Not received, record preservation requested	Yes. Sent 9/2/22	Columblana	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received		Coshocton	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	44778		Acknowledged 8/19. Not received, record preservation requested	Yes. Sent 9/2/22	Cuyahoga	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Received		Defiance	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	44791		Received		Delaware	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	7/10/2022		Received		Fairfield	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received		Franklin	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Received for 2021, 2022		Gallia	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Not received, record preservation requested	Yes. Sent 9/2/22	Geauga	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	7/14/2022		Waiting for vendor in early Sept.		Hamilton	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	7/10/2022		Received. Will be sent via mail		Harrison	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Received		Highland	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Prosecutor reviewing, 8/19. Not received, record preservation requested	Yes. Sent 9/2/22	Holmes	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Denied. Unisyn can't produce.		Jackson	
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Received		Jefferson	

J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Denied. "Not required to produce"		Knox
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received		Lawrence
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Request acknowledged 8/22. Not received, record preservation requested	Yes. Sent 9/2/22	Logan
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Denied. "Unisyn can't produce"		Lorain
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received, on Ordros		Mahoning
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Received, PDF Received by Kent		Marion
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Prosecutor reviewing	Yes. Sent 9/2/22	Medina
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Denied. Old software can't produce		Meigs
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received, PDF Received by Kent		Mercer
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received		Montgomery
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received		Morgan
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Not received, record preservation requested	Yes. Sent 9/2/22	Morrow
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Denied. Report not available. Director will review 9/6.		Noble
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received		Paulding
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	7/10/2022		Received		Perry
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/18/2022		Denied. Can't or won't produce		Pike
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received for 2021, 2022		Preble
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Not received, record preservation requested	Yes. Sent 9/2/22	Ross
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	7/10/2022		Not received, record preservation requested	Yes. Sent 9/2/22	Scioto
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022				Shelby
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received for May 2022 only		Trumbull
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Responded with incorrect info		VanWert
J. Rigano	CVR Request	Cast vote record report of election results	County BOE director	8/5/2022		Received		Vinton

J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Adams	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Allen	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Reply not responsive		Ashland	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Ashtabula	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Athens	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Auglaize	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Belmont	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Brown	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Butler	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Carroll	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Champaign	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Clark	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Clermont	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Clinton	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.

J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Columbiana	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Coshocton	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Crawford	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Report not available		Cuyahoga	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Darke	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Defiance	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Delaware	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Erie	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Fairfield	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Fayette	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Acknowledged but then ignored		Franklin	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Referred to prosecutor, then ignored		Fulton	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Gallia	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Geauga	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.

J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Greene	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Guernsey	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Hamilton	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Passed to IT then ignored		Hancock	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Hardin	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Harrison	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Henry	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Highland	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Hocking	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Holmes	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Huron	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Jackson	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Jefferson	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Knox	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.

J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Lake	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Lawrence	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Licking	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Logan	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Lorain	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Lucas	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Madison	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Mahoning	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Marion	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Out-of-office reply, no response		Medina	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Meigs	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	legal review reqd, no response		Mercer	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Miami	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Monroe	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.

J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Montgomery	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Morgan	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Morrow	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Denied, do not maintain records		Muskingum	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Noble	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Available for fee		Ottawa	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Paulding	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Perry	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Pickaway	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Pike	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Portage	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Acknowledged but not received		Preble	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Putnam	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Acknowledged but not received		Richland	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.

J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Ross	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Sandusky	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Scioto	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Seneca	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Shelby	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Stark	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Summit	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Trumbull	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Tuscarawas	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Union	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		VanWert	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Vinton	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	No response		Washington	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Williams	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.

J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Wood	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	Request for all-in voter file	County BOE director	5/1/2023	Request a data file containing all registration records regardless of voter status.	Received		Wyandot	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	SWVRDB operating instructions	Secretary of State Office	3/6/2024	all manuals, handbooks, operating instructions, and guides that document the maintenance procedures, data entry procedures, backup procedures and reporting procedures that the secretary of state's staff use while operating the statewide voter registration database.	Denied as overly broad		State	Procedures used to manage the SWVRDB would indicate the degree of professionalism and provide insight into the the operations and maintenance for this piece of critical elections infrastructure
J. Rigano	PRR	Procedure and software code used to assign SOS_VOTERID numbers	Secretary of State Office	3/6/2024	all manuals, handbooks, operating instructions, and guides that document the maintenance procedures, data entry procedures, backup procedures and reporting procedures that the secretary of state's staff use while operating the statewide voter registration database.	Denied as items concerning software code and use are exempt as security and infrastructure records.		State	Procedures used to manage the SWVRDB would indicate the degree of professionalism and provide insight into the the operations and maintenance for this piece of critical elections infrastructure
J. Rigano	PRR	Data file of formerly registered/inactive voters	Secretary of State Office	12/19/2022	data file of formerly registered voters that are now as of 121722 no longer in active or confirmation status I e they are inactive I would like to see all the same columns of data that are in the download available from the SOS website but also including the date that their status was changed	No records available		State	Records would provide insight as to how well voter registration databases are maintained and enable cross-check of records with county databases
J. Rigano	PRR	Data file of cancelled records.	Secretary of State Office	6/21/2024	a recent electronic copy of the statewide voter file that includes the cancelled records as described in OAC Rule 111:3-4-03	Pending		State	Records may demonstrate that SOS office's previously denial of a similar request was improper and provide data that will describe data management practices.
J. Rigano	PRR	Voter Registration Assistance Plans	Secretary of State Office	6/20/2024	Voter Registration Assistance Plans for all of the designated agencies that the secretary of state has granted approval for under OAC 111:3-5. Also please include any changes or modifications to those plans that designated agencies have submitted and the secretary of state has approved under OAC 111:3-5-02.	Pending		State	Voter registration issues may be caused by designated agencies that do not follow prescribed procedures or have inadequate plans.
J. Rigano	PRR	Copy of statewide voter files from 2008 and 2012	Secretary of State Office	3/29/2023	copy of an archive of the statewide voterfile that would have been archived in December of 2008 and another copy that was archived in December 2012			State	Voter registration issues may be caused by designated agencies that do not follow prescribed procedures or have inadequate plans.

J. Rigano	PRR	Copy of the State of Ohio voter roll record that includes ALL voter registrations regardless of the voter's status	Secretary of State Office	3/21/2023	copy of the State of Ohio voter roll record that includes ALL voter registrations regardless of the voter's status, including but not limited to inactive, purged, merged, active, confirmation, etc. statuses - all records. Please provide all the columns of data that exist, is legally permitted to share, and is part of the existing record, including name, address, birth date, registration date, voter history, county number, SOS_VOTERID, and COUNTY		State	Records of inactive/deleted voter registrations would provide insight into data management practices and allow for cross-check with state voter database.
J. Rigano	PRR	electronic copy of the in-county and out-of-county NCOA data	Secretary of State Office	2/2/2023	provide an electronic copy of the in-county and out-of-county NCOA data files, or consolidated data files with data from all counties if available, that were developed for the purpose of implementing the 2022 General Voter Records Maintenance Program described in SOS directive 2022-46	fulfilled	State	Duplicate registrations for voters that have moved between counties should be reconciled. Registrations for person that moved out of state need to be cancelled.
J. Rigano	PRR	contracts for vendors supporting the statewide voter registration database	Secretary of State Office	12/20/2022	all contracts between the Secretary of State's office and all vendors or contractors who are engaged to provide services associated with management or maintenance of the statewide voter registration database during any portion of the year 2022		State	Vendor contracts would contain statements of work outsourced to vendor personnel.
J. Rigano	PRR	copy of the organization chart for the Elections Division of the Secretary of State's office.	Secretary of State Office	11/28/2022	a copy of the organization chart for the Elections Division of the Secretary of State's office. -By organization chart, generally I mean a hierarchical chart or outline that conveys the internal management structure of the Elections Division detailing the departments, jobs, roles, responsibilities, and supervisory relationships between all individuals within the Division	fulfilled	State	The organization chart provides insight into the conduct of election operations at the state level.
J. Rigano	PRR	copy of job descriptions for the Elections Division of the Secretary of State's office.	Secretary of State Office	11/28/2022	a copy of job description documents for all unique employee positions within the Elections Division. By job description, I mean a document that describes the duties and responsibilities of an employee hired to perform a particular job.	fulfilled	State	The organization chart provides insight into the conduct of election operations at the state level.

J. Rigano	PRR	records that demonstrate the Secretary of State has performed the annual review required by ORC 3503.15 (H) (1)	Secretary of State Office	5/16/2022	records that demonstrate the Secretary of State has performed the annual review required by ORC 3503.15 (H) (1) which requires the secretary to compare information in the statewide voter registration database with documentation that the BMV provides indicating a person is not a US citizen who has also registered to vote.	Partly fulfilled, partly denied.		State	Non-citizens are ineligible to vote; however non-citizens still get on the voter rolls.
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EXHIBIT “4”

Election Summary Report

General Election

Wayne County

November 07, 2023

Summary for: All Contests, All Districts, All Tabulators, All Counting Groups

UNOFFICIAL RESULTS

FINAL

Write-Ins Included

Electoral Group	Counting Group	Ballots	Voters	Registered Voters	Turnout
Total	Election Day ICX	29,027	29,027	72,724	39.91%
	Absentee ICX	6,212	6,212		8.54%
	Election Day Paper	65	65		0.09%
	Absentee Paper	2,098	2,098		2.88%
	Provisional	0	0		0.00%
	Total	37,402	37,402		51.43%

Registered Voters: 37,402 of 72,724 (51.43%)

Ballots Cast: 37,402

JUDGE MUNICIPAL COURT - Full Term Commencing 01/01/2024 (Vote for 1)

Total	
Times Cast	37,402 / 72,724 51.43%

Candidate	Party	Total	
Michael W. Rickett		25,748	100.00%
Total Votes		25,748	

Total	
Unresolved Write-In	0

JUDGE MUNICIPAL COURT - Unexpired Term Ending 12/31/2027 (Vote for 1)

Total	
Times Cast	37,402 / 72,724 51.43%

Candidate	Party	Total	
Nathan R. Shaker		23,322	100.00%
Total Votes		23,322	

Total	
Unresolved Write-In	0

MAYOR – CITY OF NORTON (Vote for 1)

Total		
Times Cast	0 / 3	0.00%

Candidate	Party	Total	
Amber Johnson		0	N/A
Charlotte Whipkey		0	N/A
Mike Zita		0	N/A
Total Votes		0	

Total		
Unresolved Write-In	0	

COUNCIL AT LARGE – CITY OF NORTON (Vote for 3)

Total		
Times Cast	0 / 3	0.00%

Candidate	Party	Total	
Paul Eader		0	N/A
Joe Kernan		0	N/A
Judith Lynn Lee		0	N/A
Bill Mowery		0	N/A
Total Votes		0	

Total		
Unresolved Write-In	0	

MAYOR - CITY OF ORRVILLE (Vote for 1)

Total		
Times Cast	2,775 / 5,334	52.02%

Candidate	Party	Total	
Matthew Plybon	REP	2,234	100.00%
Total Votes		2,234	

Total		
Unresolved Write-In	0	

PRESIDENT OF COUNCIL - CITY OF ORRVILLE (Vote for 1)

Total		
Times Cast	2,775 / 5,334	52.02%

Candidate	Party	Total	
Paul Vance	REP	2,013	100.00%
Total Votes		2,013	

Total		
Unresolved Write-In	0	

COUNCIL AT LARGE - CITY OF ORRVILLE - Unexpired Term Ending 12/31/2025 (Vote for 1)

		Total	
Times Cast		2,775 / 5,334	52.02%

Candidate	Party	Total	
John C. Lorson	DEM	1,280	49.19%
Rees H. Davies	REP	1,322	50.81%
Total Votes		2,602	

		Total	
Unresolved Write-In		0	

COUNCIL AT LARGE - CITY OF ORRVILLE (Vote for 1)

		Total	
Times Cast		2,775 / 5,334	52.02%

Candidate	Party	Total	
Kyle E. Shanklin	REP	2,028	100.00%
Total Votes		2,028	

		Total	
Unresolved Write-In		0	

COUNCIL WARD 1 - CITY OF ORRVILLE (Vote for 1)

		Total	
Times Cast		566 / 1,162	48.71%

Candidate	Party	Total	
C.J. Handwerk	REP	415	100.00%
Total Votes		415	

		Total	
Unresolved Write-In		0	

COUNCIL WARD 3 - CITY OF ORRVILLE (Vote for 1)

		Total	
Times Cast		803 / 1,464	54.85%

Candidate	Party	Total	
Patricia K. Carr	REP	579	100.00%
Total Votes		579	

		Total	
Unresolved Write-In		0	

COUNCIL WARD 4 - CITY OF ORRVILLE - Unexpired Term Ending 12/31/2025 (Vote for 1)

		Total	
Times Cast		930 / 1,621	57.37%
Candidate	Party	Total	
Beverly Ann Squirrell		640	100.00%
Total Votes		640	
		Total	
Unresolved Write-In		0	

RITTMAN CITY COUNCIL (Vote for 3)

		Total	
Times Cast		1,821 / 3,918	46.48%
Candidate	Party	Total	
G. Kevin Bower		785	20.64%
Amanda Nelson		871	22.90%
Richard Schumacher		1,029	27.06%
Melissa Shows		1,118	29.40%
Total Votes		3,803	
		Total	
Unresolved Write-In		0	

MAYOR - CITY OF WOOSTER (Vote for 1)

		Total	
Times Cast		8,930 / 18,982	47.04%
Candidate	Party	Total	
Mary Reans		2,781	34.00%
Bob Reynolds	REP	5,382	65.79%
Total Votes		8,180	
		Total	
Greg Gehris	WRITE-IN	17	0.21%
Unresolved Write-In		0	

PRESIDENT OF COUNCIL - CITY OF WOOSTER (Vote for 1)

		Total	
Times Cast		8,930 / 18,982	47.04%
Candidate	Party	Total	
Craig Sanders	REP	5,894	100.00%
Total Votes		5,894	
		Total	
Unresolved Write-In		0	

COUNCIL AT LARGE - CITY OF WOOSTER (Vote for 1)

		Total	
Times Cast		8,930 / 18,982	47.04%

Candidate	Party	Total	
Bill Bostancic	DEM	4,188	49.85%
Michael F. Abernathy Jr.	REP	4,213	50.15%
Total Votes		8,401	

		Total	
Unresolved Write-In		0	

COUNCIL WARD 1 - CITY OF WOOSTER (Vote for 1)

		Total	
Times Cast		1,295 / 3,725	34.77%

Candidate	Party	Total	
Lukas Gaffey		472	49.84%
Michael Todaro		475	50.16%
Total Votes		947	

		Total	
Unresolved Write-In		0	

COUNCIL WARD 3 - CITY OF WOOSTER (Vote for 1)

		Total	
Times Cast		2,646 / 4,682	56.51%

Candidate	Party	Total	
Chris Malta	REP	1,900	100.00%
Total Votes		1,900	

		Total	
Unresolved Write-In		0	

MAYOR APPLE CREEK (Vote for 1)

		Total	
Times Cast		419 / 746	56.17%

Candidate	Party	Total	
Rodney E. Mackey		201	54.47%
Mark T. Reichel		168	45.53%
Total Votes		369	

		Total	
Unresolved Write-In		0	

APPLE CREEK VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		419 / 746	56.17%

Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	

		Total	
Unresolved Write-In		0	

MAYOR BURBANK (Vote for 1)

		Total	
Times Cast		61 / 153	39.87%

Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	

		Total	
Unresolved Write-In		0	

BURBANK VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		61 / 153	39.87%

Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	

		Total	
Unresolved Write-In		0	

MAYOR CONGRESS (Vote for 1)

		Total	
Times Cast		34 / 104	32.69%

Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	

		Total	
Unresolved Write-in		0	

CONGRESS VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		34 / 104	32.69%

Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	

		Total	
Unresolved Write-In		0	

MAYOR CRESTON (Vote for 1)

		Total	
Times Cast		671 / 1,321	50.79%

Candidate	Party	Total	
Thomas J. Barrett		316	48.62%
Brenda A. Norris		334	51.38%
Total Votes		650	

		Total	
Unresolved Write-In		0	

CRESTON VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		671 / 1,321	50.79%

Candidate	Party	Total	
Aaron Howell		456	96.61%
Total Votes		472	

		Total	
Bradley Olenik	WRITE-IN	16	3.39%
Unresolved Write-In		0	

CRESTON BOARD OF PUBLIC AFFAIRS (Vote for 2)

		Total	
Times Cast		671 / 1,321	50.79%

Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	

		Total	
Unresolved Write-In		0	

MAYOR DALTON (Vote for 1)

		Total	
Times Cast		731 / 1,245	58.71%

Candidate	Party	Total	
Dennis H. Finley		338	49.78%
Blake D. Nussbaum		341	50.22%
Total Votes		679	

		Total	
Unresolved Write-In		0	

DALTON VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		731 / 1,245	58.71%

Candidate	Party	Total	
James T. Bucklew Jr.		283	23.92%
Cheryl Drew		347	29.33%
Dave Gibson		308	26.04%
Deanna Heck		245	20.71%
Total Votes		1,183	

		Total	
Unresolved Write-In		0	

DALTON BOARD OF PUBLIC AFFAIRS (Vote for 2)

		Total	
Times Cast		731 / 1,245	58.71%

Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	

		Total	
Unresolved Write-In		0	

MAYOR DOYLESTOWN (Vote for 1)

		Total	
Times Cast		1,095 / 2,197	49.84%

Candidate	Party	Total	
Terry L. Lindeman		904	100.00%
Total Votes		904	

		Total	
Unresolved Write-In		0	

DOYLESTOWN VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		1,095 / 2,197	49.84%

Candidate	Party	Total	
Mark Hammer		583	34.48%
Kay L. Kerr		547	32.35%
Harold Rozak		561	33.18%
Total Votes		1,691	

		Total	
Unresolved Write-In		0	

MAYOR FREDERICKSBURG (Vote for 1)

		Total	
Times Cast		145 / 267	54.31%

Candidate	Party	Total	
Total Votes		20	

		Total	
Joseph Neal Chupp	WRITE-IN	20	100.00%
Unresolved Write-In		0	

FREDERICKSBURG VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		145 / 267	54.31%

Candidate	Party	Total	
Barbara Jean Spencer		99	97.06%
Total Votes		102	

		Total	
Melissa I. Sidle	WRITE-IN	3	2.94%
Unresolved Write-In		0	

FREDERICKSBURG BOARD OF PUBLIC AFFAIRS (Vote for 2)

		Total	
Times Cast		145 / 267	54.31%

Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	

		Total	
Unresolved Write-In		0	

MAYOR MARSHALLVILLE (Vote for 1)

		Total	
Times Cast		228 / 462	49.35%
Candidate	Party	Total	
Ron J. Hatfield		180	100.00%
Total Votes		180	
		Total	
Unresolved Write-In		0	

MARSHALLVILLE VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		228 / 462	49.35%
Candidate	Party	Total	
Jesse E. Allison		147	100.00%
Total Votes		147	
		Total	
Unresolved Write-In		0	

MARSHALLVILLE BOARD OF PUBLIC AFFAIRS (Vote for 2)

		Total	
Times Cast		228 / 462	49.35%
Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	
		Total	
Unresolved Write-In		0	

MAYOR MT EATON (Vote for 1)

		Total	
Times Cast		71 / 129	55.04%
Candidate	Party	Total	
Melissa Irwin		62	100.00%
Total Votes		62	
		Total	
Unresolved Write-In		0	

MT EATON VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		71 / 129	55.04%

Candidate	Party	Total	
Jessica Miller		53	50.96%
Paige Miller		51	49.04%
Total Votes		104	

		Total	
Unresolved Write-In		0	

MAYOR SHREVE (Vote for 1)

		Total	
Times Cast		446 / 906	49.23%

Candidate	Party	Total	
Yvonne M. Hendershott		179	41.53%
Josiah Martin		252	58.47%
Total Votes		431	

		Total	
Unresolved Write-In		0	

SHREVE VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		446 / 906	49.23%

Candidate	Party	Total	
Josh Bevington		226	31.04%
Heidi Garst		229	31.46%
Brad Latimer		273	37.50%
Total Votes		728	

		Total	
Unresolved Write-In		0	

MAYOR SMITHVILLE (Vote for 1)

		Total	
Times Cast		522 / 928	56.25%

Candidate	Party	Total	
Thomas R. Poulson		409	100.00%
Total Votes		409	

		Total	
Unresolved Write-In		0	

SMITHVILLE VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		522 / 928	56.25%
Candidate	Party	Total	
Patrick J. Finn		301	48.63%
Adrienne A. Karlen		318	51.37%
Total Votes		619	
		Total	
Unresolved Write-In		0	

SMITHVILLE BOARD OF PUBLIC AFFAIRS (Vote for 1)

		Total	
Times Cast		522 / 928	56.25%
Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	
		Total	
Unresolved Write-In		0	

MAYOR WEST SALEM (Vote for 1)

		Total	
Times Cast		378 / 865	43.70%
Candidate	Party	Total	
Chriss Crebs		181	49.86%
Nick Harding		66	18.18%
Dale Klinect		116	31.96%
Total Votes		363	
		Total	
Unresolved Write-In		0	

WEST SALEM VILLAGE COUNCIL (Vote for 2)

		Total	
Times Cast		378 / 865	43.70%
Candidate	Party	Total	
Larry J. Crebs		185	31.04%
Melissa Morr		90	15.10%
Maretta Warner		132	22.15%
Jennifer Wigal		189	31.71%
Total Votes		596	
		Total	
Unresolved Write-In		0	

BAUGHMAN TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,691 / 2,952	57.28%
Candidate	Party	Total	
Mark W. Geiser		793	56.20%
Mike Geiser		618	43.80%
Total Votes		1,411	
		Total	
Unresolved Write-In		0	

BAUGHMAN TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,691 / 2,952	57.28%
Candidate	Party	Total	
Total Votes		117	
		Total	
Carolyn S. Baer	WRITE-IN	117	100.00%
Unresolved Write-In		0	

CANAAN TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,699 / 3,298	51.52%
Candidate	Party	Total	
James C. Murray		1,350	100.00%
Total Votes		1,350	
		Total	
Unresolved Write-In		0	

CANAAN TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,699 / 3,298	51.52%
Candidate	Party	Total	
Kelly Gasser		1,303	100.00%
Total Votes		1,303	
		Total	
Unresolved Write-In		0	

CHESTER TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,167 / 2,042	57.15%
Candidate	Party	Total	
Jerry Bowman		741	67.86%
Chatfield Redick		351	32.14%
Total Votes		1,092	
		Total	
Unresolved Write-In		0	

CHESTER TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,167 / 2,042	57.15%
Candidate	Party	Total	
Debbie Berger		842	100.00%
Total Votes		842	
		Total	
Unresolved Write-In		0	

CHIPPEWA TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		3,607 / 7,198	50.11%
Candidate	Party	Total	
Steve Muller		937	30.68%
Dominic Oliverio		2,117	69.32%
Total Votes		3,054	
		Total	
Unresolved Write-In		0	

CHIPPEWA TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		3,607 / 7,198	50.11%
Candidate	Party	Total	
Vicky DeAngelis		2,558	100.00%
Total Votes		2,558	
		Total	
Unresolved Write-In		0	

CLINTON TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		998 / 1,960	50.92%

Candidate	Party	Total	
Chad Zimmerly		802	100.00%
Total Votes		802	

		Total	
Unresolved Write-In		0	

CLINTON TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		998 / 1,960	50.92%

Candidate	Party	Total	
Jessica L. Flinner		724	100.00%
Total Votes		724	

		Total	
Unresolved Write-In		0	

CONGRESS TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,426 / 2,904	49.10%

Candidate	Party	Total	
Bill Cletzer		1,072	100.00%
Total Votes		1,072	

		Total	
Unresolved Write-In		0	

CONGRESS TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,426 / 2,904	49.10%

Candidate	Party	Total	
Pam Haley		1,045	100.00%
Total Votes		1,045	

		Total	
Unresolved Write-In		0	

EAST UNION TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,644 / 3,212	51.18%

Candidate	Party	Total	
Blake Meier		706	48.46%
Joseph A. Rabatin		751	51.54%
Total Votes		1,457	

		Total	
Unresolved Write-In		0	

EAST UNION TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,644 / 3,212	51.18%

Candidate	Party	Total	
Valorie L. Lewis		1,195	100.00%
Total Votes		1,195	

		Total	
Unresolved Write-In		0	

FRANKLIN TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,203 / 2,203	54.61%

Candidate	Party	Total	
Matt Gress		657	64.92%
Tim Hastings		355	35.08%
Total Votes		1,012	

		Total	
Unresolved Write-In		0	

FRANKLIN TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,203 / 2,203	54.61%

Candidate	Party	Total	
David L. Bricker		830	100.00%
Total Votes		830	

		Total	
Unresolved Write-in		0	

GREEN TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		4,323 / 7,976	54.20%
Candidate	Party	Total	
Scott D. Imhoff		2,619	74.79%
George Tom Pertee		883	25.21%
Total Votes		3,502	
		Total	
Unresolved Write-In		0	

GREEN TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		4,323 / 7,976	54.20%
Candidate	Party	Total	
Donald Dravenstott		3,095	100.00%
Total Votes		3,095	
		Total	
Unresolved Write-In		0	

MILTON TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,124 / 1,906	58.97%
Candidate	Party	Total	
Josh Glessner		370	37.68%
Greg R. Piatt		612	62.32%
Total Votes		982	
		Total	
Unresolved Write-In		0	

MILTON TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,124 / 1,906	58.97%
Candidate	Party	Total	
Jody Aubrey		847	100.00%
Total Votes		847	
		Total	
Unresolved Write-In		0	

PAINT TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		409 / 919	44.50%
Candidate	Party	Total	
Marion Miller		328	100.00%
Total Votes		328	
		Total	
Unresolved Write-In		0	

PAINT TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		409 / 919	44.50%
Candidate	Party	Total	
Karen Raber		271	100.00%
Total Votes		271	
		Total	
Unresolved Write-In		0	

PLAIN TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,190 / 2,103	56.59%
Candidate	Party	Total	
Ed Flinger		931	100.00%
Total Votes		931	
		Total	
Unresolved Write-In		0	

PLAIN TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,190 / 2,103	56.59%
Candidate	Party	Total	
Kevin M. Schmid		840	100.00%
Total Votes		840	
		Total	
Unresolved Write-In		0	

SALT CREEK TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		392 / 1,045	37.51%
Candidate	Party	Total	
Kelly McKelvey		315	100.00%
Total Votes		315	
		Total	
Unresolved Write-In		0	

SALT CREEK TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		392 / 1,045	37.51%
Candidate	Party	Total	
Rodney A. Lemon		286	100.00%
Total Votes		286	
		Total	
Unresolved Write-In		0	

SUGAR CREEK TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		2,259 / 3,920	57.63%
Candidate	Party	Total	
Tom Gregory		1,745	100.00%
Total Votes		1,745	
		Total	
Unresolved Write-In		0	

SUGAR CREEK TOWNSHIP TRUSTEE - Unexpired Term Ending 12-31-2025 (Vote for 1)

		Total	
Times Cast		2,259 / 3,920	57.63%
Candidate	Party	Total	
Scott Feltis		1,522	100.00%
Total Votes		1,522	
		Total	
Unresolved Write-in		0	

SUGAR CREEK TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		2,259 / 3,920	57.63%
Candidate	Party	Total	
Colleen Sprunger		1,627	100.00%
Total Votes		1,627	
		Total	
Unresolved Write-In		0	

WAYNE TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,704 / 2,964	57.49%
Candidate	Party	Total	
Marlin Questel		1,262	100.00%
Total Votes		1,262	
		Total	
Unresolved Write-In		0	

WAYNE TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,704 / 2,964	57.49%
Candidate	Party	Total	
Tammy E. Polen		1,138	100.00%
Total Votes		1,138	
		Total	
Unresolved Write-In		0	

WOOSTER TOWNSHIP TRUSTEE (Vote for 1)

		Total	
Times Cast		1,829 / 3,240	56.45%
Candidate	Party	Total	
Steven D. Miller		1,415	100.00%
Total Votes		1,415	
		Total	
Unresolved Write-In		0	

WOOSTER TOWNSHIP FISCAL OFFICER (Vote for 1)

		Total	
Times Cast		1,829 / 3,240	56.45%
Candidate	Party	Total	
Steven P. Zody		1,292	100.00%
Total Votes		1,292	
		Total	
Unresolved Write-In		0	

STARK EDUCATIONAL SERVICE CENTER (Vote for 2)

		Total	
Times Cast		54 / 106	50.94%
Candidate	Party	Total	
Mary J. Olson		18	30.51%
Teresa Purses		19	32.20%
Greg Wolfe		22	37.29%
Total Votes		59	
		Total	
Unresolved Write-In		0	

TRI-COUNTY ESC DIST 1 (Vote for 1)

		Total	
Times Cast		4,027 / 7,990	50.40%
Candidate	Party	Total	
Susie Lawson		2,764	100.00%
Total Votes		2,764	
		Total	
Unresolved Write-In		0	

TRI-COUNTY ESC DIST 2 (Vote for 1)

		Total	
Times Cast		2,811 / 5,047	55.70%
Candidate	Party	Total	
Nathan Stutz		2,079	100.00%
Total Votes		2,079	
		Total	
Unresolved Write-In		0	

TRI-COUNTY ESC DIST 3 (Vote for 1)

		Total	
Times Cast		0 / 0	N/A
Candidate	Party	Total	
R. Willard Welch		0	N/A
Total Votes		0	
		Total	
Unresolved Write-In		0	

TRI-COUNTY ESC DIST 4 (Vote for 1)

		Total	
Times Cast		1,929 / 3,575	53.96%
Candidate	Party	Total	
James Bargar		1,345	100.00%
Total Votes		1,345	
		Total	
Unresolved Write-In		0	

TRI-COUNTY ESC DIST 5 (Vote for 1)

		Total	
Times Cast		4,587 / 8,205	55.90%
Candidate	Party	Total	
Ann L. Tschantz		3,321	100.00%
Total Votes		3,321	
		Total	
Unresolved Write-In		0	

TRI-COUNTY ESC DIST 6 (Vote for 1)

		Total	
Times Cast		4,950 / 9,075	54.55%
Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	
		Total	
Unresolved Write-In		0	

TRI-COUNTY ESC DIST 7 (Vote for 1)

		Total	
Times Cast		2,636 / 5,493	47.99%
Candidate	Party	Total	
Earl Rhamy		1,896	100.00%
Total Votes		1,896	
		Total	
Unresolved Write-In		0	

TRI-COUNTY ESC DIST 8 (Vote for 1)

		Total	
Times Cast		72 / 162	44.44%
Candidate	Party	Total	
No Valid Candidate Filed			
Total Votes		0	
		Total	
Unresolved Write-In		0	

TRI-COUNTY ESC DIST 9 (Vote for 1)

		Total	
Times Cast		0 / 0	N/A
Candidate	Party	Total	
John B. Burkey		0	N/A
Total Votes		0	
		Total	
Unresolved Write-In		0	

CHIPPEWA SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		3,344 / 6,723	49.74%
Candidate	Party	Total	
Linda H. Fenn		1,992	46.48%
John Mertic		2,015	47.01%
Total Votes		4,286	
		Total	
Jeremiah Hershberger	WRITE-IN	279	6.51%
Unresolved Write-In		0	

DALTON SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		2,402 / 4,128	58.19%

Candidate	Party	Total	
Seth Clark		1,727	54.33%
Jeffrey Jager		1,452	45.67%
Total Votes		3,179	

		Total	
Unresolved Write-In		0	

EAST HOLMES SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		10 / 17	58.82%

Candidate	Party	Total	
Bryan Coblentz		2	13.33%
Derek Kaufman		5	33.33%
Kyle Miller		1	6.67%
Bryce Troyer		7	46.67%
Total Votes		15	

		Total	
Unresolved Write-In		0	

GREEN SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		2,707 / 4,711	57.46%

Candidate	Party	Total	
Carrie Raber		1,671	47.99%
Luke Steiner		1,811	52.01%
Total Votes		3,482	

		Total	
Unresolved Write-In		0	

HILLSDALE SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		114 / 228	50.00%

Candidate	Party	Total	
Jon Burkholder		67	53.60%
Melinda Turk		58	46.40%
Total Votes		125	

		Total	
Unresolved Write-In		0	

NORTHWEST SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		24 / 52	46.15%

Candidate	Party	Total	
Julia A. Barkey		12	32.43%
Bryan A. Bowman		8	21.62%
Rita A. Gearhart		14	37.84%
Josh Nathaniel		3	8.11%
Total Votes		37	

		Total	
Unresolved Write-In		0	

NORTHWEST SCHOOL BOARD - Unexpired term ending 12-31-2025 (Vote for 1)

		Total	
Times Cast		24 / 52	46.15%

Candidate	Party	Total	
Larry Murgatroyd		4	20.00%
Jeff Weygandt		16	80.00%
Total Votes		20	

		Total	
Unresolved Write-In		0	

NORTHWESTERN SCHOOL BOARD (Vote for 3)

		Total	
Times Cast		2,577 / 4,867	52.95%

Candidate	Party	Total	
Rick Ellerbrock		1,511	31.89%
John H. Smith		1,501	31.68%
Brad Stull		1,726	36.43%
Total Votes		4,738	

		Total	
Unresolved Write-In		0	

NORWAYNE SCHOOL BOARD (Vote for 3)

		Total	
Times Cast		2,770 / 5,190	53.37%

Candidate	Party	Total	
Kirk W. Gasser		2,021	53.07%
Doug Ingold		1,702	44.70%
Total Votes		3,808	

		Total	
Angie Smith	WRITE-IN	85	2.23%
Unresolved Write-In		0	

ORRVILLE SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		3,729 / 6,962	53.56%

Candidate	Party	Total	
Susan Corfman		1,437	23.98%
Jamie Kovacs		1,460	24.37%
Megan Middleton		1,789	29.86%
Brent Miller		1,212	20.23%
Total Votes		5,992	

		Total	
Jaclyn Sickman	WRITE-IN	94	1.57%
Unresolved Write-In		0	

RITTMAN SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		2,071 / 4,393	47.14%

Candidate	Party	Total	
Lona Renee Busic		1,293	48.57%
Douglas G. Stuart		1,369	51.43%
Total Votes		2,662	

		Total	
Unresolved Write-In		0	

SOUTHEAST SCHOOL BOARD (Vote for 3)

		Total	
Times Cast		2,591 / 5,494	47.16%

Candidate	Party	Total	
Sandra Cerniglia		842	15.12%
Brian R. Miller		1,410	25.32%
Rick Reynolds		1,030	18.50%
Cheryl J. Steiner		923	16.57%
David D. Troyer		1,364	24.49%
Total Votes		5,569	

		Total	
Unresolved Write-In		0	

TRIWAY SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		4,425 / 8,027	55.13%

Candidate	Party	Total	
Tyler Bishko		1,309	19.76%
Angie Giltner		1,624	24.52%
Carrie Perkins		1,625	24.53%
Travis Snyder		2,066	31.19%
Total Votes		6,624	

		Total	
Unresolved Write-In		0	

TUSLAW SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		30 / 54	55.56%

Candidate	Party	Total	
Scott R. Crescenze		11	26.19%
Jeannette L. Harig		12	28.57%
Darcy McBride		2	4.76%
Steve Reinhart		17	40.48%
Total Votes		42	

		Total	
Unresolved Write-In		0	

WEST HOLMES SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		72 / 162	44.44%

Candidate	Party	Total	
Patricia Sage		46	47.92%
Eric D. Strouse		50	52.08%
Total Votes		96	

		Total	
Unresolved Write-In		0	

WOOSTER SCHOOL BOARD (Vote for 2)

		Total	
Times Cast		10,536 / 21,716	48.52%

Candidate	Party	Total	
Cody Austin		3,889	24.82%
Rik Goodright		4,172	26.62%
Joy Kleinhenz		4,601	29.36%
Dennis Stauffer		3,009	19.20%
Total Votes		15,671	

		Total	
Unresolved Write-In		0	

State Issue 1 (Vote for 1)

		Total	
Times Cast		37,402 / 72,724	51.43%

Candidate	Party	Total	
YES		15,575	42.35%
NO		21,201	57.65%
Total Votes		36,776	

		Total	
Unresolved Write-In		0	

State Issue 2 (Vote for 1)

		Total	
Times Cast		37,402 / 72,724	51.43%

Candidate	Party	Total	
YES		16,219	44.40%
NO		20,311	55.60%
Total Votes		36,530	

		Total	
Unresolved Write-In		0	

Canaan Township – 1 mill Levy - Renewal (Vote for 1)

		Total	
Times Cast		1,699 / 3,298	51.52%

Candidate	Party	Total	
FOR THE TAX LEVY		945	58.92%
AGAINST THE TAX LEVY		659	41.08%
Total Votes		1,604	

		Total	
Unresolved Write-In		0	

East Union Township – 1.5 mill Levy - Renewal (Vote for 1)

		Total	
Times Cast		1,644 / 3,212	51.18%

Candidate	Party	Total	
FOR THE TAX LEVY		964	62.84%
AGAINST THE TAX LEVY		570	37.16%
Total Votes		1,534	

		Total	
Unresolved Write-In		0	

Local Option - Cranston's Pub – Sunday Sales (Vote for 1)

		Total	
Times Cast		576 / 1,180	48.81%

Candidate	Party	Total	
YES		430	77.06%
NO		128	22.94%
Total Votes		558	

		Total	
Unresolved Write-In		0	

Local Option - Bell Stores – 5 W. Buckeye, West Salem – Sunday Sales (Vote for 1)

		Total	
Times Cast		378 / 865	43.70%

Candidate	Party	Total	
YES		264	71.74%
NO		104	28.26%
Total Votes		368	

		Total	
Unresolved Write-In		0	

Buckeye JVSD – 1 mill Levy – Renewal (Vote for 1)

		Total	
Times Cast		10 / 17	58.82%

Candidate	Party	Total	
FOR THE TAX LEVY		3	60.00%
AGAINST THE TAX LEVY		2	40.00%
Total Votes		5	

		Total	
Unresolved Write-In		0	

Northwestern LSD – 4 mill Levy - Renewal (Vote for 1)

		Total	
Times Cast		2,577 / 4,867	52.95%

Candidate	Party	Total	
FOR THE TAX LEVY		1,328	53.70%
AGAINST THE TAX LEVY		1,145	46.30%
Total Votes		2,473	

		Total	
Unresolved Write-In		0	

Triway LSD – 2.8 mill Levy - Renewal (Vote for 1)

		Total	
Times Cast		4,425 / 8,027	55.13%

Candidate	Party	Total	
FOR THE TAX LEVY		2,169	50.72%
AGAINST THE TAX LEVY		2,107	49.28%
Total Votes		4,276	

		Total	
Unresolved Write-In		0	

Sterling Fire District – 3 mill Levy - Replacement & Increase (Vote for 1)

		Total	
Times Cast		1,124 / 1,906	58.97%

Candidate	Party	Total	
FOR THE TAX LEVY		690	66.03%
AGAINST THE TAX LEVY		355	33.97%
Total Votes		1,045	

		Total	
Unresolved Write-In		0	

Wayne County Care Center – 0.7 mill Levy - Renewal (Vote for 1)

		Total	
Times Cast		37,402 / 72,724	51.43%

Candidate	Party	Total	
FOR THE TAX LEVY		20,657	57.72%
AGAINST THE TAX LEVY		15,134	42.28%
Total Votes		35,791	

		Total	
Unresolved Write-In		0	

City of Rittman - 0.5% Income Tax Increase (Vote for 1)

		Total	
Times Cast		1,821 / 3,918	46.48%
Candidate	Party	Total	
FOR THE INCOME TAX		812	45.69%
AGAINST THE INCOME TAX		965	54.31%
Total Votes		1,777	
		Total	
Unresolved Write-In		0	

City of Wooster – Electric Aggregation (Vote for 1)

		Total	
Times Cast		8,930 / 18,982	47.04%
Candidate	Party	Total	
YES		5,658	69.59%
NO		2,472	30.41%
Total Votes		8,130	
		Total	
Unresolved Write-In		0	

City of Wooster – Gas Aggregation (Vote for 1)

		Total	
Times Cast		8,930 / 18,982	47.04%
Candidate	Party	Total	
YES		5,707	70.13%
NO		2,431	29.87%
Total Votes		8,138	
		Total	
Unresolved Write-In		0	

Village of Dalton – Gas Aggregation (Vote for 1)

		Total	
Times Cast		731 / 1,245	58.71%
Candidate	Party	Total	
YES		551	81.03%
NO		129	18.97%
Total Votes		680	
		Total	
Unresolved Write-In		0	

Village of Dalton - 0.5% Income Tax Increase (Vote for 1)

		Total	
Times Cast		731 / 1,245	58.71%
Candidate	Party	Total	
FOR THE INCOME TAX		386	54.75%
AGAINST THE INCOME TAX		319	45.25%
Total Votes		705	
		Total	
Unresolved Write-In		0	

Village of Marshallville – 9.8 mill Levy – Replacement & Increase (Vote for 1)

		Total	
Times Cast		228 / 462	49.35%
Candidate	Party	Total	
FOR THE TAX LEVY		127	57.21%
AGAINST THE TAX LEVY		95	42.79%
Total Votes		222	
		Total	
Unresolved Write-In		0	

Local Option - The Lyric Theater – Sunday Sales (Vote for 1)

		Total	
Times Cast		485 / 1,375	35.27%
Candidate	Party	Total	
YES		382	81.97%
NO		84	18.03%
Total Votes		466	
		Total	
Unresolved Write-In		0	

Local Option - Bell Stores 16 – 404 S. Market St., Wooster – Sunday Sales (Vote for 1)

		Total	
Times Cast		382 / 1,384	27.60%
Candidate	Party	Total	
YES		242	66.48%
NO		122	33.52%
Total Votes		364	
		Total	
Unresolved Write-In		0	

**Local Option - Bell Stores 1165 – 220 S. Columbus Rd., Wooster – Sunday Sales
(Vote for 1)**

		Total	
Times Cast		428 / 966	44.31%

Candidate	Party	Total	
YES		305	73.67%
NO		109	26.33%
Total Votes		414	

		Total	
Unresolved Write-In		0	

EXHIBIT “5”

Election Summary Report

General Election

Wayne County

November 07, 2023

Summary for: TRIWAY SCHOOL BOARD, All Districts, All Tabulators, All Counting Groups

OFFICIAL

Triway Recount Confirmation

Precincts Reported: 67 of 67 (100.00%)
 Registered Voters: 38,131 of 72,724 (52.43%)
 Ballots Cast: 38,131

TRIWAY SCHOOL BOARD (Vote for 2)

Precincts Reported: 11 of 11 (100.00%)

Times Cast	Total	
4,482 / 8,027	55.84%	<u>Himes</u>
Candidate	Party	Total
Tyler Bishko		1,321
Angie Giltner		1,648
Carrie Perkins		1,644
Travis Snyder		2,089
Total Votes		6,702
		8 = 1329
		2 = 1450 ②
		3 = 1647
		6 = 2095 ①
Unresolved Write-In	Total	
	0	

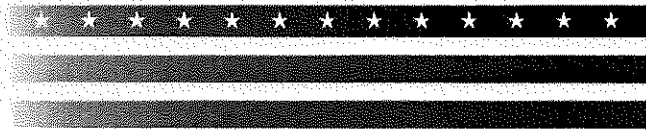
John Barber
J. M. Christ

Attest: *Julia Leathers Stoll* - Director

EXHIBIT “6”



**UNITED
SOVEREIGN
AMERICANS**



OHIO ELECTION COMPLAINT

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E. USB drive	

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

January 19, 2024

Frank LaRose
Ohio Secretary of State
180 Civic Center Dr.
Columbus, OH 43215

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

EXHIBIT “7”

Subject: Ohio Voter Registration Data
Date: Friday, January 26, 2024 at 3:00:47 PM Eastern Standard Time
From: Jaffe, Josh
To: thomas.wood@usa4freedom.org
Attachments: image001.png

Mr. Wood,

I am in receipt of your letter dated January 19 regarding an analysis of the public voter registration database.

The primary goal of the new DATA Act legislation passed several months ago is to clean up the Ohio voter registration rolls and implement standard data definitions for Boards of Elections to use. The Office of Data Analytics and Archives was created within the Secretary of State's office to identify and address exactly these types of issues, both retroactively to fix existing problems and proactively to refine our data validation processes so they don't continue to appear.

The bottom-up structure of Ohio's elections administration requires us to work with each county Board of Elections to resolve issues like this. The county-maintained voter registration list is the official list, and the copy we maintain at the Secretary of State's office and publish on our website is only a mirror. Unfortunately that means while identifying these issues is fairly straightforward, we can't just edit the voter's record to make a correction once they are discovered.

The key to getting these issues resolved long-term is a refinement of our voter file audit process to make flagging and correcting voter records as seamless as possible for each county Board of Elections. There is significant county-by-county variation in staffing, IT expertise and database technology so this will not be a one-size-fits-all solution, but we are working on it. This is the Data Team's top priority.

It was very helpful to share the types of issues you have encountered through your analysis of the public voter file. The core problem is almost always human data entry. That means we don't just need to fix the issues that currently exist, we need to take a systematic approach to identifying and fixing issues on an ongoing basis since human data entry errors will always be a factor.

The DATA Act gives us the tools to ensure that data standardization is enforced across all counties and issues like these are quickly identified and resolved, but it requires technical system and human process changes at every BOE as well as within the Secretary of State's office. It is vital that we get those changes implemented in a timely manner, but it is just as important that they are implemented carefully and do not cause any disruption to voters' ability to register and participate in elections.

Please keep us informed about any additional data issue types you encounter so we can make sure we are taking that information into account as work progresses.



Josh Jaffe | Data Analytics Manager
Office of the Ohio Secretary of State
T: 614.696.6414
OhioSoS.gov

This message and any response to it may constitute a public record and thus may be publicly available to anyone who requests it.

EXHIBIT “8”

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-0H1-01-01-DUP-Duplicates-FN-MN-LN-DOB-stripped.sql

```



```

3 LAW: Help America Vote Act of 2002, 42 U.S.C. 5 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
OH00240011	DAVID	NATHA	CONL	1992-10-14	028 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-0H2-01-01-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-0H2-01-01-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	CERT...	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.	JENL.	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		45780

Finally, we joined the above query to a temtable 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-0H2-02-01-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: 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: 41,126 rows. 1:37 running time.
62 DATA OUTPUT FILE: USA-OH2-02-01-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-On-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-On-Or-Before-Birth.xlsx

28 *****/

29

```
30 SELECT S05_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:

S05_VO_	DATE_OF_BIRTH	REGISTRATION_DATE	Age in Days at Registration
OH0017025...	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
OH0011074...	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-On-Or-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 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: bb14a788f48e1585500dc507669ee4e6]
 - 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
90     ) b
91 ON a.SOS_VOTERID=b.SOS_VOTERID
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	1978-05-28	-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	HOUCH	2022-11-10
OH0012672	BACKE	2022-11-02
OH0026722	TIKKA	2022-10-24
OH0025724	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 temtable 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-OH2-04-01-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...	KUO	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-0H1-05-01-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 temptable 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: bb14a788f48e1585500dc507669ee4e6]
- 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-D0B-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...	1000-01-01	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: 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: 1 row. 1:14 running time.

49 DATA OUTPUT FILE: USA-OH2-05-02-D08-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
OH0010004_	1960-03-18	1977-03-18	1975-04-10	15.002019	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-0H2-05-03-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: bb14a788f48e1585500dc507669ee4e6]
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-0H2-05-03-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 1st

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 S0S_VOTERID as S0SID, REGISTRATION_DATE
40 FROM dbo.SWVF_121022
41 WHERE REGISTRATION_DATE = '1900-01-01'

```

Sample of the results:

S0SID	REGISTRATION_DATE
OH0014694..	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: 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: 148,899 rows. 1:01 running time.
62 DATA OUTPUT FILE: USA-0H2-06-02-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-OH2-07-01-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
OH0010640	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-0H2-07-02-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: 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: ba00aa6f8a4c6bad9700a4fa4df3f47]
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: 7f89595579b5c8dbd53f042f79a923b]
61 RESULTS: 131 rows. 1:33 running time.
62 DATA OUTPUT FILE: USA-OH2-07-02-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-0H1-07-03-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
0H0011019	1989-01-16	Monday
0H0013259	1999-01-18	Monday
0H0010736	2002-01-21	Monday
0H0023468	2016-01-18	Monday
0H0012503	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-0H2-07-03-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: 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: 1,285 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
0H0011378	X	1991-01-21	Monday
0H0011489	X	2004-01-19	Monday
0H0012598	X	2004-01-19	Monday
0H0011410	X	2004-01-19	Monday
0H0012055	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: 66f887e274ef988a830ab2c92d1f016c]
 - 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 *****/

```

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  §2 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: alfcc51924cbf740679cdca49a7e6763]
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:

S051D	REGISTRATION_DATE	Reg Day
OH0010741..	2002-05-27	Monday
OH0016658..	1986-05-26	Monday
OH0010741..	2002-05-27	Monday
OH0010741..	2002-05-27	Monday
OH0010741..	2002-05-27	Monday
OH0010171..	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-0H1-07-06-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: c3691bb155787651b18587i28059e122]
- 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

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```

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
OH0015099...	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

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-OH1-07-08-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-0H2-07-08-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: 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: 7f89595579b5c8dbd53f042f79a923b]
62 RESULTS: 308 rows, 1:29 running time.
63 DATA OUTPUT FILE: USA-OH2-07-08-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
0H0014397...	2008-09-01	Monday
0H0010085...	1980-09-01	Monday
0H0015745...	2004-09-06	Monday
0H0012162...	1974-09-02	Monday
0H0010953...	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

```

43 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

```



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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: 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: 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
    
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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. 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
102

/*Delete the temptable*/
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

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```

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 S0S_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]

```

- 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
OH0011159..	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

```

```

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
0H0019974..	2006-11-30	Thursday
0H0014222..	2006-11-30	Thursday
0H0022264..	2012-11-29	Thursday
0H0010944..	2001-11-29	Thursday
0H0022287..	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: 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]

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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: 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: 7f8959579b5c8dbd53f0042f79a923b]
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
0H0023013	X	2014-12-25	Thursday
0H0010172	X	1987-12-25	Friday
0H0010036	X	2002-12-25	Wednesday
0H0023456	X	2015-12-25	Friday
0H0023012	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
 - 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: 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-0H2-07-16-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: 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: 88 rows. 2:17 running time.
63 DATA OUTPUT FILE: USA-0H2-07-16-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
0H0012468_	X	1999-12-24	Friday
0H0010948_	X	1982-12-24	Friday
0H0021299_	X	2010-12-24	Friday
0H0010173_	X	1993-12-24	Friday
0H0012509_	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:

SOSTD	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: 4c8e0503136e4a9701bbeeffdbc528a5]
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
OH0013900...	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: 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 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-0H2-08-01-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
OH0013637401	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: bb14a788f48e1585500dc507669ee4e6]
- 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	gGEN2020	bGEN2020	gGEN2019	bGEN2019	gGEN2018	bGEN2018	gGEN2017	bGEN2017	gGEN2016	bGEN2016
GH026087	X		X			X			X		X
GH017257	X	X		X	X	X		X	X	X	
GH026109	X		X			X			X		X
GH026114	X		X			X					X
GH016560	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-0H1-10-02-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	aREFERENC	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-0H2-10-02-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: bb14a788f48e1585500dc507669ee4e6]
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 OH 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

```

```

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:

01/07/20	12/10/20	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
0H00220635	0H00207557	X	ROBE	A	FULL	1962-06-05	X		X		X	
0H0022787A	0H0026718	X	KATH	ANNE	KRDO	1995-06-21					X	
0H0021689A	0H0012314	X	WILL	S	MYERS	1978-07-02	X			X		X
0H0023390A	0H0026742	X	LYDIA	LORE	THOR	1974-11-03	X			X		
0H0025817A	0H0026759	X	WILL	STEP	BLG00	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: bb14a788f48e1585500dc507669ee4e6]
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-0H2-11-01-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 voter 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-0H1-12-01-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 SHIT...	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-0H2-12-01-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: 9e28e5e7886e089b242e374175cabc46e]
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: bb14a788f48e1585500dc507669ee4e6]
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: ba00aa6f8a4c6bad9700a4fa4df3f47]

```

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-0H2-12-01-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 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-MLKBirthDay-1986-2022.sql
 26 USA-OH1-07-03-RDT-Registered-MLKBirthDay-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-MLKBirthday-1986-2022-voted2022.sql
94 USA-OH2-07-03-RDT-Registered-MLKBirthday-1986-2022-voted2022.xlsx
95 USA-OH2-07-04-RDT-Registered-WashingtonsBirthday-1971-2022-voted2022.sql
96 USA-OH2-07-04-RDT-Registered-WashingtonsBirthday-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: 4c8e0503136e4a9701bbeffdbc528a5]
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: 9e28e5e7886e089b242e374175cbc46e]
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: ba000aa6f8a4c6bad9700a4fa4df3f47]
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: c889aa20b2ffd606a52470456ddd7fa]
164 2022-12-31 Statewide Voter File (county 67-88)-week-52.txt.gz [md5 hash: 7f89595579b5c8dbd53f0042f79a923b]

EXHIBIT “9”



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
APPARENT REGISTRATION VIOLATIONS:	1,203,438

★ 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
APPARENT VOTING VIOLATIONS:	713,296
UNIQUE VOTES IMPACTED BY APPARENT VOTING VIOLATIONS:	602,631

★ 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
DIFFERENCE:	1,162,079 more votes counted than voters who voted

★ 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
Provable accuracy fails to meet any protective legal standard	713,262 unresolved vote errors

"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.

EXHIBIT “10”



Ohio's 2022 General Election Validity Reconciliation

GROUP	DESCRIPTION	REGISTRATIONS	2022 GENERAL ELECTION VOTES
Eligible	Records appear valid so voters are presumed eligible to vote. Results can be certified.	7,015,359	3,596,861**
Uncertain	Records contain illogical and/or invalid information, so it is uncertain whether voters are eligible to vote. Investigation is required before results can be certified.	115,257	61,171**
Ineligible	Records appear to violate black letter election laws, so voters are presumed ineligible to vote. Investigation is required before results can be certified.	931,174	541,460**
Deadwood*		0	0
TOTAL		8,061,790	4,199,492 **
Number of votes at the time of certification			3,039,289***
Total Database Records / Total Votes Counted per official published tallies		8,061,790	4,201,368
DIFFERENCE (AT THE TIME OF CERTIFICATION):		0	1,162,079 ^

Registration Error Rate 12%

Vote Error Rate..... 14%

Margin of Victory in Ohio Congressional District 13 (149,816/134,593) 5.4%

Legal Standard of Allowable Error for Federal Elections^ 0.0008%



Ohio's 2022 General Election Validity Reconciliation

The measured error rate of the electoral process in Ohio, from registration through certification, makes it impossible to legally certify any election in Ohio. Whether due to ignorance, arrogance or malice, the error rate simply outstrips the margins of victory. Countless unique investigations were required by law before certification could proceed. Election officials may never be able to prove that those granted the privilege of writing laws for the nation legitimately represented the will of eligible citizen voters.

The registration and voting error rates reported here represent minimums. We have ample reason for concern, after years of careful study, that the actual error rates are higher.

2022 Federal Elections in which the error rate exceeded the margin of victory:

US Senate, Ohio Congressional Districts 1, 7, 9, 13, and 15.

Every race in Ohio's 2022 GE was irretrievably impacted by an error rate 20,000 times the legal standard for system accuracy.

** "'Deadwood' allows for fraudulent ballots, which can be used to stuff the ballot box." Federal Prosecution of Election Offenses, Eighth Edition, 2017, US Department of Justice Public Integrity Section, Chapter 2 Corruption of the Election Process (B)(5)(a), Richard C. Pilger, ed., p. 28.*

***Source: Voter history is inexplicably permitted to be updated for 20 days **post-certification** in Ohio. Thus, to ensure the most accurate counts, 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, for records matching the state identification numbers in the December 10, 2022 copy.*

****Source: 12/10/22 Ohio BOE Database (one day after certification of 2022 General Election)*

^"This rate is set at a sufficiently stringent level such that the likelihood of voting system errors affecting the outcome of an election is exceptionally remote even in the closest of elections." Voting System Standards, Volume I: Performance Standards. April, 2002, Federal Election Commission, United States of America. The accuracy requirement of the voting system is predicated on the voter rolls being accurate as required by the National Voter Registration Act, 1993.

EXHIBIT “11”

Section 1 Registration Violations

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
01 Illegal Duplicate Registrations	FRANKLIN	6,847	34,233	20.0012	887,503	0.7715
01 Illegal Duplicate Registrations	CUYAHOGA	2,444	34,233	7.1393	883,738	0.2766
01 Illegal Duplicate Registrations	HAMILTON	1,884	34,233	5.5035	596,974	0.3156
01 Illegal Duplicate Registrations	SUMMIT	1,619	34,233	4.7294	372,247	0.4349
01 Illegal Duplicate Registrations	DELAWARE	1,504	34,233	4.3934	157,924	0.9524
01 Illegal Duplicate Registrations	BUTLER	1,428	34,233	4.1714	257,294	0.5550
01 Illegal Duplicate Registrations	MONTGOMERY	1,196	34,233	3.4937	367,792	0.3252
01 Illegal Duplicate Registrations	CLERMONT	1,055	34,233	3.0818	146,506	0.7201
01 Illegal Duplicate Registrations	STARK	1,042	34,233	3.0438	249,976	0.4168
01 Illegal Duplicate Registrations	FAIRFIELD	826	34,233	2.4129	110,825	0.7453
01 Illegal Duplicate Registrations	LUCAS	750	34,233	2.1909	295,936	0.2534
01 Illegal Duplicate Registrations	GREENE	746	34,233	2.1792	120,030	0.6215
01 Illegal Duplicate Registrations	WARREN	707	34,233	2.0653	172,907	0.4089
01 Illegal Duplicate Registrations	LICKING	696	34,233	2.0331	125,743	0.5535
01 Illegal Duplicate Registrations	MEDINA	672	34,233	1.9630	132,236	0.5082
01 Illegal Duplicate Registrations	LORAIN	612	34,233	1.7877	219,910	0.2783
01 Illegal Duplicate Registrations	PORTAGE	513	34,233	1.4986	108,635	0.4722
01 Illegal Duplicate Registrations	MIAMI	512	34,233	1.4956	76,869	0.6661
01 Illegal Duplicate Registrations	UNION	468	34,233	1.3671	44,032	1.0629
01 Illegal Duplicate Registrations	WOOD	468	34,233	1.3671	93,411	0.5010
01 Illegal Duplicate Registrations	TRUMBULL	463	34,233	1.3525	137,185	0.3375
01 Illegal Duplicate Registrations	MAHONING	422	34,233	1.2327	163,328	0.2584
01 Illegal Duplicate Registrations	LAKE	379	34,233	1.1071	162,766	0.2328
01 Illegal Duplicate Registrations	CLARK	373	34,233	1.0896	88,606	0.4210
01 Illegal Duplicate Registrations	ATHENS	372	34,233	1.0867	39,527	0.9411
01 Illegal Duplicate Registrations	WAYNE	343	34,233	1.0020	73,800	0.4648
01 Illegal Duplicate Registrations	PICKAWAY	276	34,233	0.8062	37,082	0.7443
01 Illegal Duplicate Registrations	RICHLAND	273	34,233	0.7975	81,628	0.3344
01 Illegal Duplicate Registrations	ERIE	233	34,233	0.6806	54,290	0.4292
01 Illegal Duplicate Registrations	MARION	220	34,233	0.6427	39,697	0.5542
01 Illegal Duplicate Registrations	GEAUGA	212	34,233	0.6193	68,164	0.3110
01 Illegal Duplicate Registrations	MADISON	203	34,233	0.5930	26,194	0.7750

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
01 Illegal Duplicate Registrations	SENECA	193	34,233	0.5638	34,569	0.5583
01 Illegal Duplicate Registrations	COLUMBIANA	192	34,233	0.5609	65,684	0.2923
01 Illegal Duplicate Registrations	KNOX	184	34,233	0.5375	42,447	0.4335
01 Illegal Duplicate Registrations	HANCOCK	181	34,233	0.5287	51,728	0.3499
01 Illegal Duplicate Registrations	TUSCARAWAS	181	34,233	0.5287	58,969	0.3069
01 Illegal Duplicate Registrations	MUSKINGUM	168	34,233	0.4908	54,992	0.3055
01 Illegal Duplicate Registrations	HURON	156	34,233	0.4557	36,715	0.4249
01 Illegal Duplicate Registrations	SANDUSKY	144	34,233	0.4206	40,074	0.3593
01 Illegal Duplicate Registrations	MORROW	140	34,233	0.4090	25,292	0.5535
01 Illegal Duplicate Registrations	ROSS	132	34,233	0.3856	46,182	0.2858
01 Illegal Duplicate Registrations	SHELBY	132	34,233	0.3856	32,733	0.4033
01 Illegal Duplicate Registrations	CHAMPAIGN	130	34,233	0.3798	26,585	0.4890
01 Illegal Duplicate Registrations	BROWN	125	34,233	0.3651	29,110	0.4294
01 Illegal Duplicate Registrations	HIGHLAND	124	34,233	0.3622	27,406	0.4525
01 Illegal Duplicate Registrations	ASHLAND	123	34,233	0.3593	34,894	0.3525
01 Illegal Duplicate Registrations	OTTAWA	112	34,233	0.3272	30,621	0.3658
01 Illegal Duplicate Registrations	GUERNSEY	109	34,233	0.3184	24,469	0.4455
01 Illegal Duplicate Registrations	LOGAN	108	34,233	0.3155	32,259	0.3348
01 Illegal Duplicate Registrations	SCIOTO	106	34,233	0.3096	45,433	0.2333
01 Illegal Duplicate Registrations	CLINTON	105	34,233	0.3067	27,491	0.3819
01 Illegal Duplicate Registrations	ALLEN	92	34,233	0.2687	66,838	0.1376
01 Illegal Duplicate Registrations	FULTON	90	34,233	0.2629	29,516	0.3049
01 Illegal Duplicate Registrations	CRAWFORD	88	34,233	0.2571	28,126	0.3129
01 Illegal Duplicate Registrations	DARKE	70	34,233	0.2045	34,526	0.2027
01 Illegal Duplicate Registrations	ASHTABULA	66	34,233	0.1928	61,159	0.1079
01 Illegal Duplicate Registrations	AUGLAIZE	62	34,233	0.1811	32,419	0.1912
01 Illegal Duplicate Registrations	PERRY	59	34,233	0.1723	22,715	0.2597
01 Illegal Duplicate Registrations	HOCKING	57	34,233	0.1665	18,455	0.3089
01 Illegal Duplicate Registrations	JACKSON	57	34,233	0.1665	20,760	0.2746
01 Illegal Duplicate Registrations	COSHOCTON	56	34,233	0.1636	22,439	0.2496
01 Illegal Duplicate Registrations	CARROLL	53	34,233	0.1548	18,384	0.2883
01 Illegal Duplicate Registrations	MEIGS	52	34,233	0.1519	14,978	0.3472

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
01 Illegal Duplicate Registrations	FAYETTE	51	34,233	0.1490	17,033	0.2994
01 Illegal Duplicate Registrations	PIKE	51	34,233	0.1490	17,873	0.2853
01 Illegal Duplicate Registrations	ADAMS	49	34,233	0.1431	17,361	0.2822
01 Illegal Duplicate Registrations	WASHINGTON	47	34,233	0.1373	42,609	0.1103
01 Illegal Duplicate Registrations	HOLMES	45	34,233	0.1315	18,085	0.2488
01 Illegal Duplicate Registrations	MERCER	44	34,233	0.1285	29,661	0.1483
01 Illegal Duplicate Registrations	PREBLE	43	34,233	0.1256	28,657	0.1501
01 Illegal Duplicate Registrations	WYANDOT	43	34,233	0.1256	15,094	0.2849
01 Illegal Duplicate Registrations	WILLIAMS	40	34,233	0.1168	25,235	0.1585
01 Illegal Duplicate Registrations	JEFFERSON	38	34,233	0.1110	46,895	0.0810
01 Illegal Duplicate Registrations	DEFIANCE	36	34,233	0.1052	26,448	0.1361
01 Illegal Duplicate Registrations	HENRY	36	34,233	0.1052	19,794	0.1819
01 Illegal Duplicate Registrations	VINTON	36	34,233	0.1052	8,528	0.4221
01 Illegal Duplicate Registrations	GALLIA	35	34,233	0.1022	18,953	0.1847
01 Illegal Duplicate Registrations	BELMONT	34	34,233	0.0993	44,900	0.0757
01 Illegal Duplicate Registrations	HARDIN	34	34,233	0.0993	17,883	0.1901
01 Illegal Duplicate Registrations	LAWRENCE	34	34,233	0.0993	42,688	0.0796
01 Illegal Duplicate Registrations	PAULDING	31	34,233	0.0906	12,719	0.2437
01 Illegal Duplicate Registrations	VAN WERT	25	34,233	0.0730	20,263	0.1234
01 Illegal Duplicate Registrations	PUTNAM	20	34,233	0.0584	23,724	0.0843
01 Illegal Duplicate Registrations	HARRISON	19	34,233	0.0555	10,067	0.1887
01 Illegal Duplicate Registrations	NOBLE	16	34,233	0.0467	8,062	0.1985
01 Illegal Duplicate Registrations	MORGAN	12	34,233	0.0351	9,249	0.1297
01 Illegal Duplicate Registrations	MONROE	9	34,233	0.0263	9,286	0.0969

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
02 Incomplete or Unknown Address	CUYAHOGA	36,736	158,209	23.2199	883,738	4.1569
02 Incomplete or Unknown Address	HAMILTON	22,392	158,209	14.1534	596,974	3.7509
02 Incomplete or Unknown Address	FRANKLIN	22,131	158,209	13.9885	887,503	2.4936
02 Incomplete or Unknown Address	SUMMIT	7,157	158,209	4.5238	372,247	1.9226
02 Incomplete or Unknown Address	MONTGOMERY	5,834	158,209	3.6875	367,792	1.5862
02 Incomplete or Unknown Address	LUCAS	5,626	158,209	3.5561	295,936	1.9011
02 Incomplete or Unknown Address	BUTLER	3,854	158,209	2.4360	257,294	1.4979
02 Incomplete or Unknown Address	STARK	3,797	158,209	2.4000	249,976	1.5189
02 Incomplete or Unknown Address	MAHONING	3,165	158,209	2.0005	163,328	1.9378
02 Incomplete or Unknown Address	LORAIN	3,082	158,209	1.9481	219,910	1.4015
02 Incomplete or Unknown Address	CLERMONT	2,219	158,209	1.4026	146,506	1.5146
02 Incomplete or Unknown Address	GREENE	2,033	158,209	1.2850	120,030	1.6937
02 Incomplete or Unknown Address	LAKE	1,927	158,209	1.2180	162,766	1.1839
02 Incomplete or Unknown Address	WARREN	1,912	158,209	1.2085	172,907	1.1058
02 Incomplete or Unknown Address	ATHENS	1,508	158,209	0.9532	39,527	3.8151
02 Incomplete or Unknown Address	TRUMBULL	1,494	158,209	0.9443	137,185	1.0890
02 Incomplete or Unknown Address	PORTAGE	1,281	158,209	0.8097	108,635	1.1792
02 Incomplete or Unknown Address	CLARK	1,216	158,209	0.7686	88,606	1.3724
02 Incomplete or Unknown Address	SCIOTO	1,206	158,209	0.7623	45,433	2.6545
02 Incomplete or Unknown Address	JEFFERSON	1,090	158,209	0.6890	46,895	2.3243
02 Incomplete or Unknown Address	WOOD	1,077	158,209	0.6807	93,411	1.1530
02 Incomplete or Unknown Address	MEDINA	1,067	158,209	0.6744	132,236	0.8069
02 Incomplete or Unknown Address	DELAWARE	1,063	158,209	0.6719	157,924	0.6731
02 Incomplete or Unknown Address	ERIE	992	158,209	0.6270	54,290	1.8272
02 Incomplete or Unknown Address	ASHTABULA	935	158,209	0.5910	61,159	1.5288
02 Incomplete or Unknown Address	LICKING	935	158,209	0.5910	125,743	0.7436
02 Incomplete or Unknown Address	RICHLAND	931	158,209	0.5885	81,628	1.1405
02 Incomplete or Unknown Address	WAYNE	922	158,209	0.5828	73,800	1.2493
02 Incomplete or Unknown Address	FAIRFIELD	888	158,209	0.5613	110,825	0.8013
02 Incomplete or Unknown Address	GEAUGA	854	158,209	0.5398	68,164	1.2529
02 Incomplete or Unknown Address	COLUMBIANA	841	158,209	0.5316	65,684	1.2804
02 Incomplete or Unknown Address	KNOX	824	158,209	0.5208	42,447	1.9412

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
02 Incomplete or Unknown Address	TUSCARAWAS	815	158,209	0.5151	58,969	1.3821
02 Incomplete or Unknown Address	MIAMI	794	158,209	0.5019	76,869	1.0329
02 Incomplete or Unknown Address	ALLEN	734	158,209	0.4639	66,838	1.0982
02 Incomplete or Unknown Address	SANDUSKY	691	158,209	0.4368	40,074	1.7243
02 Incomplete or Unknown Address	MUSKINGUM	599	158,209	0.3786	54,992	1.0892
02 Incomplete or Unknown Address	HANCOCK	567	158,209	0.3584	51,728	1.0961
02 Incomplete or Unknown Address	BELMONT	556	158,209	0.3514	44,900	1.2383
02 Incomplete or Unknown Address	ASHLAND	548	158,209	0.3464	34,894	1.5705
02 Incomplete or Unknown Address	MARION	455	158,209	0.2876	39,697	1.1462
02 Incomplete or Unknown Address	ROSS	434	158,209	0.2743	46,182	0.9398
02 Incomplete or Unknown Address	SENECA	422	158,209	0.2667	34,569	1.2207
02 Incomplete or Unknown Address	WASHINGTON	395	158,209	0.2497	42,609	0.9270
02 Incomplete or Unknown Address	LAWRENCE	381	158,209	0.2408	42,688	0.8925
02 Incomplete or Unknown Address	HIGHLAND	370	158,209	0.2339	27,406	1.3501
02 Incomplete or Unknown Address	UNION	364	158,209	0.2301	44,032	0.8267
02 Incomplete or Unknown Address	MADISON	361	158,209	0.2282	26,194	1.3782
02 Incomplete or Unknown Address	DEFIANCE	359	158,209	0.2269	26,448	1.3574
02 Incomplete or Unknown Address	SHELBY	357	158,209	0.2257	32,733	1.0906
02 Incomplete or Unknown Address	CLINTON	343	158,209	0.2168	27,491	1.2477
02 Incomplete or Unknown Address	HURON	333	158,209	0.2105	36,715	0.9070
02 Incomplete or Unknown Address	FULTON	332	158,209	0.2098	29,516	1.1248
02 Incomplete or Unknown Address	BROWN	331	158,209	0.2092	29,110	1.1371
02 Incomplete or Unknown Address	OTTAWA	322	158,209	0.2035	30,621	1.0516
02 Incomplete or Unknown Address	GUERNSEY	321	158,209	0.2029	24,469	1.3119
02 Incomplete or Unknown Address	PICKAWAY	319	158,209	0.2016	37,082	0.8603
02 Incomplete or Unknown Address	CHAMPAIGN	315	158,209	0.1991	26,585	1.1849
02 Incomplete or Unknown Address	PREBLE	291	158,209	0.1839	28,657	1.0155
02 Incomplete or Unknown Address	AUGLAIZE	290	158,209	0.1833	32,419	0.8945
02 Incomplete or Unknown Address	LOGAN	289	158,209	0.1827	32,259	0.8959
02 Incomplete or Unknown Address	DARKE	276	158,209	0.1745	34,526	0.7994
02 Incomplete or Unknown Address	WILLIAMS	272	158,209	0.1719	25,235	1.0779
02 Incomplete or Unknown Address	WYANDOT	242	158,209	0.1530	15,094	1.6033

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
02 Incomplete or Unknown Address	CRAWFORD	220	158,209	0.1391	28,126	0.7822
02 Incomplete or Unknown Address	FAYETTE	220	158,209	0.1391	17,033	1.2916
02 Incomplete or Unknown Address	JACKSON	218	158,209	0.1378	20,760	1.0501
02 Incomplete or Unknown Address	MERCER	217	158,209	0.1372	29,661	0.7316
02 Incomplete or Unknown Address	CARROLL	213	158,209	0.1346	18,384	1.1586
02 Incomplete or Unknown Address	PIKE	204	158,209	0.1289	17,873	1.1414
02 Incomplete or Unknown Address	MORROW	202	158,209	0.1277	25,292	0.7987
02 Incomplete or Unknown Address	VAN WERT	182	158,209	0.1150	20,263	0.8982
02 Incomplete or Unknown Address	COSHOCTON	176	158,209	0.1112	22,439	0.7843
02 Incomplete or Unknown Address	HARDIN	171	158,209	0.1081	17,883	0.9562
02 Incomplete or Unknown Address	ADAMS	169	158,209	0.1068	17,361	0.9734
02 Incomplete or Unknown Address	PERRY	169	158,209	0.1068	22,715	0.7440
02 Incomplete or Unknown Address	GALLIA	167	158,209	0.1056	18,953	0.8811
02 Incomplete or Unknown Address	HENRY	157	158,209	0.0992	19,794	0.7932
02 Incomplete or Unknown Address	HOLMES	155	158,209	0.0980	18,085	0.8571
02 Incomplete or Unknown Address	HOCKING	147	158,209	0.0929	18,455	0.7965
02 Incomplete or Unknown Address	PUTNAM	146	158,209	0.0923	23,724	0.6154
02 Incomplete or Unknown Address	PAULDING	136	158,209	0.0860	12,719	1.0693
02 Incomplete or Unknown Address	MEIGS	135	158,209	0.0853	14,978	0.9013
02 Incomplete or Unknown Address	MORGAN	88	158,209	0.0556	9,249	0.9515
02 Incomplete or Unknown Address	NOBLE	70	158,209	0.0442	8,062	0.8683
02 Incomplete or Unknown Address	MONROE	62	158,209	0.0392	9,286	0.6677
02 Incomplete or Unknown Address	HARRISON	60	158,209	0.0379	10,067	0.5960
02 Incomplete or Unknown Address	VINTON	58	158,209	0.0367	8,528	0.6801

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
03 Registered on or Before Date of Birth	CUYAHOGA	58,723	59,025	99.4884	883,738	6.6448
03 Registered on or Before Date of Birth	FRANKLIN	103	59,025	0.1745	887,503	0.0116
03 Registered on or Before Date of Birth	FAIRFIELD	44	59,025	0.0745	110,825	0.0397
03 Registered on or Before Date of Birth	TRUMBULL	33	59,025	0.0559	137,185	0.0241
03 Registered on or Before Date of Birth	CLERMONT	29	59,025	0.0491	146,506	0.0198
03 Registered on or Before Date of Birth	HANCOCK	14	59,025	0.0237	51,728	0.0271
03 Registered on or Before Date of Birth	MAHONING	14	59,025	0.0237	163,328	0.0086
03 Registered on or Before Date of Birth	WOOD	10	59,025	0.0169	93,411	0.0107
03 Registered on or Before Date of Birth	HURON	8	59,025	0.0136	36,715	0.0218
03 Registered on or Before Date of Birth	MONTGOMERY	8	59,025	0.0136	367,792	0.0022
03 Registered on or Before Date of Birth	STARK	7	59,025	0.0119	249,976	0.0028
03 Registered on or Before Date of Birth	WAYNE	7	59,025	0.0119	73,800	0.0095
03 Registered on or Before Date of Birth	RICHLAND	5	59,025	0.0085	81,628	0.0061
03 Registered on or Before Date of Birth	CRAWFORD	3	59,025	0.0051	28,126	0.0107
03 Registered on or Before Date of Birth	LAKE	3	59,025	0.0051	162,766	0.0018
03 Registered on or Before Date of Birth	BUTLER	2	59,025	0.0034	257,294	0.0008
03 Registered on or Before Date of Birth	GEAUGA	2	59,025	0.0034	68,164	0.0029
03 Registered on or Before Date of Birth	HENRY	2	59,025	0.0034	19,794	0.0101
03 Registered on or Before Date of Birth	LUCAS	2	59,025	0.0034	295,936	0.0007
03 Registered on or Before Date of Birth	MORROW	2	59,025	0.0034	25,292	0.0079
03 Registered on or Before Date of Birth	ASHTABULA	1	59,025	0.0017	61,159	0.0016
03 Registered on or Before Date of Birth	GREENE	1	59,025	0.0017	120,030	0.0008
03 Registered on or Before Date of Birth	PIKE	1	59,025	0.0017	17,873	0.0056
03 Registered on or Before Date of Birth	VAN WERT	1	59,025	0.0017	20,263	0.0049
03 Registered on or Before Date of Birth	ADAMS	0	59,025	0.0000	17,361	0.0000
03 Registered on or Before Date of Birth	ALLEN	0	59,025	0.0000	66,838	0.0000
03 Registered on or Before Date of Birth	ASHLAND	0	59,025	0.0000	34,894	0.0000
03 Registered on or Before Date of Birth	ATHENS	0	59,025	0.0000	39,527	0.0000
03 Registered on or Before Date of Birth	AUGLAIZE	0	59,025	0.0000	32,419	0.0000
03 Registered on or Before Date of Birth	BELMONT	0	59,025	0.0000	44,900	0.0000
03 Registered on or Before Date of Birth	BROWN	0	59,025	0.0000	29,110	0.0000
03 Registered on or Before Date of Birth	CARROLL	0	59,025	0.0000	18,384	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
03 Registered on or Before Date of Birth	CHAMPAIGN	0	59,025	0.0000	26,585	0.0000
03 Registered on or Before Date of Birth	CLARK	0	59,025	0.0000	88,606	0.0000
03 Registered on or Before Date of Birth	CLINTON	0	59,025	0.0000	27,491	0.0000
03 Registered on or Before Date of Birth	COLUMBIANA	0	59,025	0.0000	65,684	0.0000
03 Registered on or Before Date of Birth	COSHOCTON	0	59,025	0.0000	22,439	0.0000
03 Registered on or Before Date of Birth	DARKE	0	59,025	0.0000	34,526	0.0000
03 Registered on or Before Date of Birth	DEFIANCE	0	59,025	0.0000	26,448	0.0000
03 Registered on or Before Date of Birth	DELAWARE	0	59,025	0.0000	157,924	0.0000
03 Registered on or Before Date of Birth	ERIE	0	59,025	0.0000	54,290	0.0000
03 Registered on or Before Date of Birth	FAYETTE	0	59,025	0.0000	17,033	0.0000
03 Registered on or Before Date of Birth	FULTON	0	59,025	0.0000	29,516	0.0000
03 Registered on or Before Date of Birth	GALLIA	0	59,025	0.0000	18,953	0.0000
03 Registered on or Before Date of Birth	GUERNSEY	0	59,025	0.0000	24,469	0.0000
03 Registered on or Before Date of Birth	HAMILTON	0	59,025	0.0000	596,974	0.0000
03 Registered on or Before Date of Birth	HARDIN	0	59,025	0.0000	17,883	0.0000
03 Registered on or Before Date of Birth	HARRISON	0	59,025	0.0000	10,067	0.0000
03 Registered on or Before Date of Birth	HIGHLAND	0	59,025	0.0000	27,406	0.0000
03 Registered on or Before Date of Birth	HOCKING	0	59,025	0.0000	18,455	0.0000
03 Registered on or Before Date of Birth	HOLMES	0	59,025	0.0000	18,085	0.0000
03 Registered on or Before Date of Birth	JACKSON	0	59,025	0.0000	20,760	0.0000
03 Registered on or Before Date of Birth	JEFFERSON	0	59,025	0.0000	46,895	0.0000
03 Registered on or Before Date of Birth	KNOX	0	59,025	0.0000	42,447	0.0000
03 Registered on or Before Date of Birth	LAWRENCE	0	59,025	0.0000	42,688	0.0000
03 Registered on or Before Date of Birth	LICKING	0	59,025	0.0000	125,743	0.0000
03 Registered on or Before Date of Birth	LOGAN	0	59,025	0.0000	32,259	0.0000
03 Registered on or Before Date of Birth	LORAIN	0	59,025	0.0000	219,910	0.0000
03 Registered on or Before Date of Birth	MADISON	0	59,025	0.0000	26,194	0.0000
03 Registered on or Before Date of Birth	MARION	0	59,025	0.0000	39,697	0.0000
03 Registered on or Before Date of Birth	MEDINA	0	59,025	0.0000	132,236	0.0000
03 Registered on or Before Date of Birth	MEIGS	0	59,025	0.0000	14,978	0.0000
03 Registered on or Before Date of Birth	MERCER	0	59,025	0.0000	29,661	0.0000
03 Registered on or Before Date of Birth	MIAMI	0	59,025	0.0000	76,869	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
03 Registered on or Before Date of Birth	MONROE	0	59,025	0.0000	9,286	0.0000
03 Registered on or Before Date of Birth	MORGAN	0	59,025	0.0000	9,249	0.0000
03 Registered on or Before Date of Birth	MUSKINGUM	0	59,025	0.0000	54,992	0.0000
03 Registered on or Before Date of Birth	NOBLE	0	59,025	0.0000	8,062	0.0000
03 Registered on or Before Date of Birth	OTTAWA	0	59,025	0.0000	30,621	0.0000
03 Registered on or Before Date of Birth	PAULDING	0	59,025	0.0000	12,719	0.0000
03 Registered on or Before Date of Birth	PERRY	0	59,025	0.0000	22,715	0.0000
03 Registered on or Before Date of Birth	PICKAWAY	0	59,025	0.0000	37,082	0.0000
03 Registered on or Before Date of Birth	PORTAGE	0	59,025	0.0000	108,635	0.0000
03 Registered on or Before Date of Birth	PREBLE	0	59,025	0.0000	28,657	0.0000
03 Registered on or Before Date of Birth	PUTNAM	0	59,025	0.0000	23,724	0.0000
03 Registered on or Before Date of Birth	ROSS	0	59,025	0.0000	46,182	0.0000
03 Registered on or Before Date of Birth	SANDUSKY	0	59,025	0.0000	40,074	0.0000
03 Registered on or Before Date of Birth	SCIOTO	0	59,025	0.0000	45,433	0.0000
03 Registered on or Before Date of Birth	SENECA	0	59,025	0.0000	34,569	0.0000
03 Registered on or Before Date of Birth	SHELBY	0	59,025	0.0000	32,733	0.0000
03 Registered on or Before Date of Birth	SUMMIT	0	59,025	0.0000	372,247	0.0000
03 Registered on or Before Date of Birth	TUSCARAWAS	0	59,025	0.0000	58,969	0.0000
03 Registered on or Before Date of Birth	UNION	0	59,025	0.0000	44,032	0.0000
03 Registered on or Before Date of Birth	VINTON	0	59,025	0.0000	8,528	0.0000
03 Registered on or Before Date of Birth	WARREN	0	59,025	0.0000	172,907	0.0000
03 Registered on or Before Date of Birth	WASHINGTON	0	59,025	0.0000	42,609	0.0000
03 Registered on or Before Date of Birth	WILLIAMS	0	59,025	0.0000	25,235	0.0000
03 Registered on or Before Date of Birth	WYANDOT	0	59,025	0.0000	15,094	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
04 Age Discrepant Registrants	FRANKLIN	831	4,143	20.0579	887,503	0.0936
04 Age Discrepant Registrants	LUCAS	366	4,143	8.8342	295,936	0.1237
04 Age Discrepant Registrants	MONTGOMERY	352	4,143	8.4963	367,792	0.0957
04 Age Discrepant Registrants	HAMILTON	253	4,143	6.1067	596,974	0.0424
04 Age Discrepant Registrants	SUMMIT	228	4,143	5.5033	372,247	0.0612
04 Age Discrepant Registrants	LORAIN	156	4,143	3.7654	219,910	0.0709
04 Age Discrepant Registrants	DELAWARE	149	4,143	3.5964	157,924	0.0943
04 Age Discrepant Registrants	MAHONING	138	4,143	3.3309	163,328	0.0845
04 Age Discrepant Registrants	CUYAHOGA	127	4,143	3.0654	883,738	0.0144
04 Age Discrepant Registrants	ASHTABULA	65	4,143	1.5689	61,159	0.1063
04 Age Discrepant Registrants	RICHLAND	65	4,143	1.5689	81,628	0.0796
04 Age Discrepant Registrants	FAIRFIELD	64	4,143	1.5448	110,825	0.0577
04 Age Discrepant Registrants	LAKE	60	4,143	1.4482	162,766	0.0369
04 Age Discrepant Registrants	ASHLAND	59	4,143	1.4241	34,894	0.1691
04 Age Discrepant Registrants	CLERMONT	53	4,143	1.2793	146,506	0.0362
04 Age Discrepant Registrants	JEFFERSON	52	4,143	1.2551	46,895	0.1109
04 Age Discrepant Registrants	WARREN	49	4,143	1.1827	172,907	0.0283
04 Age Discrepant Registrants	GREENE	46	4,143	1.1103	120,030	0.0383
04 Age Discrepant Registrants	SHELBY	46	4,143	1.1103	32,733	0.1405
04 Age Discrepant Registrants	TRUMBULL	42	4,143	1.0138	137,185	0.0306
04 Age Discrepant Registrants	MIAMI	40	4,143	0.9655	76,869	0.0520
04 Age Discrepant Registrants	LAWRENCE	39	4,143	0.9413	42,688	0.0914
04 Age Discrepant Registrants	CLARK	38	4,143	0.9172	88,606	0.0429
04 Age Discrepant Registrants	MEDINA	37	4,143	0.8931	132,236	0.0280
04 Age Discrepant Registrants	STARK	34	4,143	0.8207	249,976	0.0136
04 Age Discrepant Registrants	SCIOTO	29	4,143	0.7000	45,433	0.0638
04 Age Discrepant Registrants	WILLIAMS	29	4,143	0.7000	25,235	0.1149
04 Age Discrepant Registrants	BELMONT	28	4,143	0.6758	44,900	0.0624
04 Age Discrepant Registrants	COLUMBIANA	28	4,143	0.6758	65,684	0.0426
04 Age Discrepant Registrants	MONROE	28	4,143	0.6758	9,286	0.3015
04 Age Discrepant Registrants	LICKING	26	4,143	0.6276	125,743	0.0207
04 Age Discrepant Registrants	MARION	24	4,143	0.5793	39,697	0.0605

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
04 Age Discrepant Registrants	WOOD	24	4,143	0.5793	93,411	0.0257
04 Age Discrepant Registrants	ALLEN	23	4,143	0.5552	66,838	0.0344
04 Age Discrepant Registrants	GEAUGA	22	4,143	0.5310	68,164	0.0323
04 Age Discrepant Registrants	PERRY	22	4,143	0.5310	22,715	0.0969
04 Age Discrepant Registrants	CHAMPAIGN	21	4,143	0.5069	26,585	0.0790
04 Age Discrepant Registrants	PORTAGE	21	4,143	0.5069	108,635	0.0193
04 Age Discrepant Registrants	OTTAWA	20	4,143	0.4827	30,621	0.0653
04 Age Discrepant Registrants	HIGHLAND	18	4,143	0.4345	27,406	0.0657
04 Age Discrepant Registrants	MUSKINGUM	18	4,143	0.4345	54,992	0.0327
04 Age Discrepant Registrants	FULTON	17	4,143	0.4103	29,516	0.0576
04 Age Discrepant Registrants	HANCOCK	17	4,143	0.4103	51,728	0.0329
04 Age Discrepant Registrants	HURON	17	4,143	0.4103	36,715	0.0463
04 Age Discrepant Registrants	JACKSON	17	4,143	0.4103	20,760	0.0819
04 Age Discrepant Registrants	ROSS	17	4,143	0.4103	46,182	0.0368
04 Age Discrepant Registrants	UNION	17	4,143	0.4103	44,032	0.0386
04 Age Discrepant Registrants	ERIE	16	4,143	0.3862	54,290	0.0295
04 Age Discrepant Registrants	TUSCARAWAS	16	4,143	0.3862	58,969	0.0271
04 Age Discrepant Registrants	BROWN	15	4,143	0.3621	29,110	0.0515
04 Age Discrepant Registrants	WAYNE	15	4,143	0.3621	73,800	0.0203
04 Age Discrepant Registrants	ADAMS	13	4,143	0.3138	17,361	0.0749
04 Age Discrepant Registrants	DEFIANCE	13	4,143	0.3138	26,448	0.0492
04 Age Discrepant Registrants	ATHENS	12	4,143	0.2896	39,527	0.0304
04 Age Discrepant Registrants	AUGLAIZE	11	4,143	0.2655	32,419	0.0339
04 Age Discrepant Registrants	BUTLER	11	4,143	0.2655	257,294	0.0043
04 Age Discrepant Registrants	SENECA	11	4,143	0.2655	34,569	0.0318
04 Age Discrepant Registrants	HARRISON	10	4,143	0.2414	10,067	0.0993
04 Age Discrepant Registrants	LOGAN	10	4,143	0.2414	32,259	0.0310
04 Age Discrepant Registrants	PAULDING	9	4,143	0.2172	12,719	0.0708
04 Age Discrepant Registrants	PIKE	9	4,143	0.2172	17,873	0.0504
04 Age Discrepant Registrants	SANDUSKY	9	4,143	0.2172	40,074	0.0225
04 Age Discrepant Registrants	WASHINGTON	9	4,143	0.2172	42,609	0.0211
04 Age Discrepant Registrants	GUERNSEY	8	4,143	0.1931	24,469	0.0327

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
04 Age Discrepant Registrants	MERCER	8	4,143	0.1931	29,661	0.0270
04 Age Discrepant Registrants	KNOX	7	4,143	0.1690	42,447	0.0165
04 Age Discrepant Registrants	VAN WERT	7	4,143	0.1690	20,263	0.0345
04 Age Discrepant Registrants	DARKE	5	4,143	0.1207	34,526	0.0145
04 Age Discrepant Registrants	GALLIA	5	4,143	0.1207	18,953	0.0264
04 Age Discrepant Registrants	MEIGS	5	4,143	0.1207	14,978	0.0334
04 Age Discrepant Registrants	MORGAN	5	4,143	0.1207	9,249	0.0541
04 Age Discrepant Registrants	WYANDOT	4	4,143	0.0965	15,094	0.0265
04 Age Discrepant Registrants	CARROLL	3	4,143	0.0724	18,384	0.0163
04 Age Discrepant Registrants	CLINTON	3	4,143	0.0724	27,491	0.0109
04 Age Discrepant Registrants	PREBLE	3	4,143	0.0724	28,657	0.0105
04 Age Discrepant Registrants	VINTON	3	4,143	0.0724	8,528	0.0352
04 Age Discrepant Registrants	COSHOCTON	2	4,143	0.0483	22,439	0.0089
04 Age Discrepant Registrants	CRAWFORD	2	4,143	0.0483	28,126	0.0071
04 Age Discrepant Registrants	FAYETTE	2	4,143	0.0483	17,033	0.0117
04 Age Discrepant Registrants	HARDIN	2	4,143	0.0483	17,883	0.0112
04 Age Discrepant Registrants	HENRY	2	4,143	0.0483	19,794	0.0101
04 Age Discrepant Registrants	NOBLE	2	4,143	0.0483	8,062	0.0248
04 Age Discrepant Registrants	PUTNAM	2	4,143	0.0483	23,724	0.0084
04 Age Discrepant Registrants	MADISON	1	4,143	0.0241	26,194	0.0038
04 Age Discrepant Registrants	MORROW	1	4,143	0.0241	25,292	0.0040
04 Age Discrepant Registrants	HOCKING	0	4,143	0.0000	18,455	0.0000
04 Age Discrepant Registrants	HOLMES	0	4,143	0.0000	18,085	0.0000
04 Age Discrepant Registrants	PICKAWAY	0	4,143	0.0000	37,082	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
05 Registered on January 1st	FRANKLIN	189,276	253,486	74.6692	887,503	21.3268
05 Registered on January 1st	CUYAHOGA	58,903	253,486	23.2372	883,738	6.6652
05 Registered on January 1st	HURON	1,325	253,486	0.5227	36,715	3.6089
05 Registered on January 1st	HAMILTON	673	253,486	0.2655	596,974	0.1127
05 Registered on January 1st	LUCAS	469	253,486	0.1850	295,936	0.1585
05 Registered on January 1st	ADAMS	360	253,486	0.1420	17,361	2.0736
05 Registered on January 1st	MONTGOMERY	333	253,486	0.1314	367,792	0.0905
05 Registered on January 1st	ALLEN	297	253,486	0.1172	66,838	0.4444
05 Registered on January 1st	MIAMI	151	253,486	0.0596	76,869	0.1964
05 Registered on January 1st	ASHTABULA	127	253,486	0.0501	61,159	0.2077
05 Registered on January 1st	SHELBY	118	253,486	0.0466	32,733	0.3605
05 Registered on January 1st	LAKE	80	253,486	0.0316	162,766	0.0492
05 Registered on January 1st	WOOD	79	253,486	0.0312	93,411	0.0846
05 Registered on January 1st	ROSS	74	253,486	0.0292	46,182	0.1602
05 Registered on January 1st	FAIRFIELD	73	253,486	0.0288	110,825	0.0659
05 Registered on January 1st	BUTLER	72	253,486	0.0284	257,294	0.0280
05 Registered on January 1st	STARK	71	253,486	0.0280	249,976	0.0284
05 Registered on January 1st	LICKING	70	253,486	0.0276	125,743	0.0557
05 Registered on January 1st	SUMMIT	66	253,486	0.0260	372,247	0.0177
05 Registered on January 1st	LORAIN	64	253,486	0.0252	219,910	0.0291
05 Registered on January 1st	MUSKINGUM	62	253,486	0.0245	54,992	0.1127
05 Registered on January 1st	MEDINA	47	253,486	0.0185	132,236	0.0355
05 Registered on January 1st	TRUMBULL	46	253,486	0.0181	137,185	0.0335
05 Registered on January 1st	GREENE	45	253,486	0.0178	120,030	0.0375
05 Registered on January 1st	CLERMONT	43	253,486	0.0170	146,506	0.0294
05 Registered on January 1st	MAHONING	40	253,486	0.0158	163,328	0.0245
05 Registered on January 1st	JEFFERSON	36	253,486	0.0142	46,895	0.0768
05 Registered on January 1st	LOGAN	34	253,486	0.0134	32,259	0.1054
05 Registered on January 1st	PORTAGE	34	253,486	0.0134	108,635	0.0313
05 Registered on January 1st	HIGHLAND	27	253,486	0.0107	27,406	0.0985
05 Registered on January 1st	DELAWARE	24	253,486	0.0095	157,924	0.0152
05 Registered on January 1st	UNION	24	253,486	0.0095	44,032	0.0545

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
05 Registered on January 1st	ERIE	22	253,486	0.0087	54,290	0.0405
05 Registered on January 1st	WASHINGTON	22	253,486	0.0087	42,609	0.0516
05 Registered on January 1st	WARREN	21	253,486	0.0083	172,907	0.0121
05 Registered on January 1st	PERRY	20	253,486	0.0079	22,715	0.0880
05 Registered on January 1st	COLUMBIANA	16	253,486	0.0063	65,684	0.0244
05 Registered on January 1st	GEAUGA	13	253,486	0.0051	68,164	0.0191
05 Registered on January 1st	RICHLAND	12	253,486	0.0047	81,628	0.0147
05 Registered on January 1st	ASHLAND	11	253,486	0.0043	34,894	0.0315
05 Registered on January 1st	HANCOCK	10	253,486	0.0039	51,728	0.0193
05 Registered on January 1st	SANDUSKY	10	253,486	0.0039	40,074	0.0250
05 Registered on January 1st	SCIOTO	10	253,486	0.0039	45,433	0.0220
05 Registered on January 1st	WAYNE	10	253,486	0.0039	73,800	0.0136
05 Registered on January 1st	MERCER	9	253,486	0.0036	29,661	0.0303
05 Registered on January 1st	PICKAWAY	9	253,486	0.0036	37,082	0.0243
05 Registered on January 1st	BELMONT	8	253,486	0.0032	44,900	0.0178
05 Registered on January 1st	CLARK	7	253,486	0.0028	88,606	0.0079
05 Registered on January 1st	MADISON	7	253,486	0.0028	26,194	0.0267
05 Registered on January 1st	LAWRENCE	6	253,486	0.0024	42,688	0.0141
05 Registered on January 1st	OTTAWA	6	253,486	0.0024	30,621	0.0196
05 Registered on January 1st	PAULDING	6	253,486	0.0024	12,719	0.0472
05 Registered on January 1st	SENECA	6	253,486	0.0024	34,569	0.0174
05 Registered on January 1st	ATHENS	5	253,486	0.0020	39,527	0.0126
05 Registered on January 1st	CLINTON	5	253,486	0.0020	27,491	0.0182
05 Registered on January 1st	HENRY	5	253,486	0.0020	19,794	0.0253
05 Registered on January 1st	HOLMES	5	253,486	0.0020	18,085	0.0276
05 Registered on January 1st	PUTNAM	5	253,486	0.0020	23,724	0.0211
05 Registered on January 1st	TUSCARAWAS	5	253,486	0.0020	58,969	0.0085
05 Registered on January 1st	BROWN	4	253,486	0.0016	29,110	0.0137
05 Registered on January 1st	CRAWFORD	4	253,486	0.0016	28,126	0.0142
05 Registered on January 1st	DEFIANCE	4	253,486	0.0016	26,448	0.0151
05 Registered on January 1st	GALLIA	4	253,486	0.0016	18,953	0.0211
05 Registered on January 1st	GUERNSEY	4	253,486	0.0016	24,469	0.0163

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
05 Registered on January 1st	JACKSON	4	253,486	0.0016	20,760	0.0193
05 Registered on January 1st	MORROW	4	253,486	0.0016	25,292	0.0158
05 Registered on January 1st	PREBLE	4	253,486	0.0016	28,657	0.0140
05 Registered on January 1st	VAN WERT	4	253,486	0.0016	20,263	0.0197
05 Registered on January 1st	WILLIAMS	4	253,486	0.0016	25,235	0.0159
05 Registered on January 1st	CHAMPAIGN	3	253,486	0.0012	26,585	0.0113
05 Registered on January 1st	FAYETTE	3	253,486	0.0012	17,033	0.0176
05 Registered on January 1st	FULTON	3	253,486	0.0012	29,516	0.0102
05 Registered on January 1st	KNOX	3	253,486	0.0012	42,447	0.0071
05 Registered on January 1st	MARION	3	253,486	0.0012	39,697	0.0076
05 Registered on January 1st	PIKE	3	253,486	0.0012	17,873	0.0168
05 Registered on January 1st	AUGLAIZE	2	253,486	0.0008	32,419	0.0062
05 Registered on January 1st	CARROLL	2	253,486	0.0008	18,384	0.0109
05 Registered on January 1st	COSHOCTON	2	253,486	0.0008	22,439	0.0089
05 Registered on January 1st	DARKE	2	253,486	0.0008	34,526	0.0058
05 Registered on January 1st	HARDIN	2	253,486	0.0008	17,883	0.0112
05 Registered on January 1st	HOCKING	1	253,486	0.0004	18,455	0.0054
05 Registered on January 1st	MONROE	1	253,486	0.0004	9,286	0.0108
05 Registered on January 1st	VINTON	1	253,486	0.0004	8,528	0.0117
05 Registered on January 1st	WYANDOT	1	253,486	0.0004	15,094	0.0066
05 Registered on January 1st	HARRISON	0	253,486	0.0000	10,067	0.0000
05 Registered on January 1st	MEIGS	0	253,486	0.0000	14,978	0.0000
05 Registered on January 1st	MORGAN	0	253,486	0.0000	9,249	0.0000
05 Registered on January 1st	NOBLE	0	253,486	0.0000	8,062	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
06 Registered on a Federal Holiday (Not New Year's Day)	CUYAHOGA	10,274	84,221	12.1989	883,738	1.1626
06 Registered on a Federal Holiday (Not New Year's Day)	FRANKLIN	9,666	84,221	11.4769	887,503	1.0891
06 Registered on a Federal Holiday (Not New Year's Day)	HAMILTON	7,598	84,221	9.0215	596,974	1.2728
06 Registered on a Federal Holiday (Not New Year's Day)	MONTGOMERY	4,502	84,221	5.3455	367,792	1.2241
06 Registered on a Federal Holiday (Not New Year's Day)	SUMMIT	3,815	84,221	4.5297	372,247	1.0249
06 Registered on a Federal Holiday (Not New Year's Day)	STARK	3,133	84,221	3.7200	249,976	1.2533
06 Registered on a Federal Holiday (Not New Year's Day)	BUTLER	2,883	84,221	3.4231	257,294	1.1205
06 Registered on a Federal Holiday (Not New Year's Day)	WARREN	2,372	84,221	2.8164	172,907	1.3718
06 Registered on a Federal Holiday (Not New Year's Day)	DELAWARE	2,262	84,221	2.6858	157,924	1.4323
06 Registered on a Federal Holiday (Not New Year's Day)	MAHONING	1,999	84,221	2.3735	163,328	1.2239
06 Registered on a Federal Holiday (Not New Year's Day)	CLERMONT	1,968	84,221	2.3367	146,506	1.3433
06 Registered on a Federal Holiday (Not New Year's Day)	TRUMBULL	1,879	84,221	2.2310	137,185	1.3697
06 Registered on a Federal Holiday (Not New Year's Day)	GREENE	1,838	84,221	2.1824	120,030	1.5313
06 Registered on a Federal Holiday (Not New Year's Day)	LORAIN	1,802	84,221	2.1396	219,910	0.8194
06 Registered on a Federal Holiday (Not New Year's Day)	LAKE	1,762	84,221	2.0921	162,766	1.0825
06 Registered on a Federal Holiday (Not New Year's Day)	LUCAS	1,704	84,221	2.0232	295,936	0.5758
06 Registered on a Federal Holiday (Not New Year's Day)	LICKING	1,439	84,221	1.7086	125,743	1.1444
06 Registered on a Federal Holiday (Not New Year's Day)	GEAUGA	1,180	84,221	1.4011	68,164	1.7311
06 Registered on a Federal Holiday (Not New Year's Day)	FAIRFIELD	1,081	84,221	1.2835	110,825	0.9754
06 Registered on a Federal Holiday (Not New Year's Day)	WOOD	1,046	84,221	1.2420	93,411	1.1198
06 Registered on a Federal Holiday (Not New Year's Day)	MEDINA	983	84,221	1.1672	132,236	0.7434
06 Registered on a Federal Holiday (Not New Year's Day)	MIAMI	732	84,221	0.8691	76,869	0.9523
06 Registered on a Federal Holiday (Not New Year's Day)	COLUMBIANA	700	84,221	0.8311	65,684	1.0657
06 Registered on a Federal Holiday (Not New Year's Day)	PORTAGE	686	84,221	0.8145	108,635	0.6315
06 Registered on a Federal Holiday (Not New Year's Day)	ALLEN	631	84,221	0.7492	66,838	0.9441
06 Registered on a Federal Holiday (Not New Year's Day)	RICHLAND	583	84,221	0.6922	81,628	0.7142
06 Registered on a Federal Holiday (Not New Year's Day)	WASHINGTON	578	84,221	0.6863	42,609	1.3565
06 Registered on a Federal Holiday (Not New Year's Day)	ASHTABULA	557	84,221	0.6614	61,159	0.9107
06 Registered on a Federal Holiday (Not New Year's Day)	UNION	554	84,221	0.6578	44,032	1.2582
06 Registered on a Federal Holiday (Not New Year's Day)	HANCOCK	508	84,221	0.6032	51,728	0.9821
06 Registered on a Federal Holiday (Not New Year's Day)	CLARK	457	84,221	0.5426	88,606	0.5158
06 Registered on a Federal Holiday (Not New Year's Day)	WAYNE	450	84,221	0.5343	73,800	0.6098
06 Registered on a Federal Holiday (Not New Year's Day)	HIGHLAND	437	84,221	0.5189	27,406	1.5945
06 Registered on a Federal Holiday (Not New Year's Day)	PICKAWAY	428	84,221	0.5082	37,082	1.1542
06 Registered on a Federal Holiday (Not New Year's Day)	BELMONT	396	84,221	0.4702	44,900	0.8820

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
06 Registered on a Federal Holiday (Not New Year's Day)	SANDUSKY	389	84,221	0.4619	40,074	0.9707
06 Registered on a Federal Holiday (Not New Year's Day)	KNOX	378	84,221	0.4488	42,447	0.8905
06 Registered on a Federal Holiday (Not New Year's Day)	ROSS	356	84,221	0.4227	46,182	0.7709
06 Registered on a Federal Holiday (Not New Year's Day)	MORROW	355	84,221	0.4215	25,292	1.4036
06 Registered on a Federal Holiday (Not New Year's Day)	MUSKINGUM	347	84,221	0.4120	54,992	0.6310
06 Registered on a Federal Holiday (Not New Year's Day)	TUSCARAWAS	341	84,221	0.4049	58,969	0.5783
06 Registered on a Federal Holiday (Not New Year's Day)	SCIOTO	337	84,221	0.4001	45,433	0.7418
06 Registered on a Federal Holiday (Not New Year's Day)	MARION	326	84,221	0.3871	39,697	0.8212
06 Registered on a Federal Holiday (Not New Year's Day)	JEFFERSON	317	84,221	0.3764	46,895	0.6760
06 Registered on a Federal Holiday (Not New Year's Day)	SHELBY	311	84,221	0.3693	32,733	0.9501
06 Registered on a Federal Holiday (Not New Year's Day)	AUGLAIZE	293	84,221	0.3479	32,419	0.9038
06 Registered on a Federal Holiday (Not New Year's Day)	DEFIANCE	292	84,221	0.3467	26,448	1.1041
06 Registered on a Federal Holiday (Not New Year's Day)	OTTAWA	289	84,221	0.3431	30,621	0.9438
06 Registered on a Federal Holiday (Not New Year's Day)	LOGAN	276	84,221	0.3277	32,259	0.8556
06 Registered on a Federal Holiday (Not New Year's Day)	WILLIAMS	275	84,221	0.3265	25,235	1.0898
06 Registered on a Federal Holiday (Not New Year's Day)	ATHENS	269	84,221	0.3194	39,527	0.6805
06 Registered on a Federal Holiday (Not New Year's Day)	MADISON	269	84,221	0.3194	26,194	1.0270
06 Registered on a Federal Holiday (Not New Year's Day)	ASHLAND	262	84,221	0.3111	34,894	0.7508
06 Registered on a Federal Holiday (Not New Year's Day)	PREBLE	257	84,221	0.3051	28,657	0.8968
06 Registered on a Federal Holiday (Not New Year's Day)	SENECA	257	84,221	0.3051	34,569	0.7434
06 Registered on a Federal Holiday (Not New Year's Day)	ERIE	255	84,221	0.3028	54,290	0.4697
06 Registered on a Federal Holiday (Not New Year's Day)	VAN WERT	255	84,221	0.3028	20,263	1.2585
06 Registered on a Federal Holiday (Not New Year's Day)	LAWRENCE	243	84,221	0.2885	42,688	0.5692
06 Registered on a Federal Holiday (Not New Year's Day)	MERCER	243	84,221	0.2885	29,661	0.8193
06 Registered on a Federal Holiday (Not New Year's Day)	PIKE	227	84,221	0.2695	17,873	1.2701
06 Registered on a Federal Holiday (Not New Year's Day)	CLINTON	224	84,221	0.2660	27,491	0.8148
06 Registered on a Federal Holiday (Not New Year's Day)	HURON	222	84,221	0.2636	36,715	0.6047
06 Registered on a Federal Holiday (Not New Year's Day)	JACKSON	211	84,221	0.2505	20,760	1.0164
06 Registered on a Federal Holiday (Not New Year's Day)	PUTNAM	211	84,221	0.2505	23,724	0.8894
06 Registered on a Federal Holiday (Not New Year's Day)	DARKE	210	84,221	0.2493	34,526	0.6082
06 Registered on a Federal Holiday (Not New Year's Day)	BROWN	207	84,221	0.2458	29,110	0.7111
06 Registered on a Federal Holiday (Not New Year's Day)	CHAMPAIGN	206	84,221	0.2446	26,585	0.7749
06 Registered on a Federal Holiday (Not New Year's Day)	CRAWFORD	203	84,221	0.2410	28,126	0.7218
06 Registered on a Federal Holiday (Not New Year's Day)	FULTON	183	84,221	0.2173	29,516	0.6200
06 Registered on a Federal Holiday (Not New Year's Day)	HENRY	181	84,221	0.2149	19,794	0.9144

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
06 Registered on a Federal Holiday (Not New Year's Day)	COSHOCTON	177	84,221	0.2102	22,439	0.7888
06 Registered on a Federal Holiday (Not New Year's Day)	GUERNSEY	145	84,221	0.1722	24,469	0.5926
06 Registered on a Federal Holiday (Not New Year's Day)	PERRY	145	84,221	0.1722	22,715	0.6383
06 Registered on a Federal Holiday (Not New Year's Day)	ADAMS	144	84,221	0.1710	17,361	0.8294
06 Registered on a Federal Holiday (Not New Year's Day)	HARDIN	132	84,221	0.1567	17,883	0.7381
06 Registered on a Federal Holiday (Not New Year's Day)	HOCKING	125	84,221	0.1484	18,455	0.6773
06 Registered on a Federal Holiday (Not New Year's Day)	WYANDOT	124	84,221	0.1472	15,094	0.8215
06 Registered on a Federal Holiday (Not New Year's Day)	CARROLL	117	84,221	0.1389	18,384	0.6364
06 Registered on a Federal Holiday (Not New Year's Day)	FAYETTE	111	84,221	0.1318	17,033	0.6517
06 Registered on a Federal Holiday (Not New Year's Day)	GALLIA	108	84,221	0.1282	18,953	0.5698
06 Registered on a Federal Holiday (Not New Year's Day)	HOLMES	101	84,221	0.1199	18,085	0.5585
06 Registered on a Federal Holiday (Not New Year's Day)	PAULDING	87	84,221	0.1033	12,719	0.6840
06 Registered on a Federal Holiday (Not New Year's Day)	MEIGS	78	84,221	0.0926	14,978	0.5208
06 Registered on a Federal Holiday (Not New Year's Day)	VINTON	72	84,221	0.0855	8,528	0.8443
06 Registered on a Federal Holiday (Not New Year's Day)	MORGAN	68	84,221	0.0807	9,249	0.7352
06 Registered on a Federal Holiday (Not New Year's Day)	MONROE	53	84,221	0.0629	9,286	0.5708
06 Registered on a Federal Holiday (Not New Year's Day)	HARRISON	45	84,221	0.0534	10,067	0.4470
06 Registered on a Federal Holiday (Not New Year's Day)	NOBLE	29	84,221	0.0344	8,062	0.3597

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
07 Registered On Sunday	FRANKLIN	36,509	201,693	18.1013	887,503	4.1137
07 Registered On Sunday	CUYAHOGA	18,072	201,693	8.9602	883,738	2.0449
07 Registered On Sunday	MONTGOMERY	9,866	201,693	4.8916	367,792	2.6825
07 Registered On Sunday	SUMMIT	9,426	201,693	4.6734	372,247	2.5322
07 Registered On Sunday	HAMILTON	8,449	201,693	4.1890	596,974	1.4153
07 Registered On Sunday	STARK	8,398	201,693	4.1638	249,976	3.3595
07 Registered On Sunday	BUTLER	6,174	201,693	3.0611	257,294	2.3996
07 Registered On Sunday	TRUMBULL	6,044	201,693	2.9966	137,185	4.4057
07 Registered On Sunday	CLERMONT	5,286	201,693	2.6208	146,506	3.6080
07 Registered On Sunday	DELAWARE	5,108	201,693	2.5326	157,924	3.2345
07 Registered On Sunday	MAHONING	4,834	201,693	2.3967	163,328	2.9597
07 Registered On Sunday	LAKE	4,780	201,693	2.3699	162,766	2.9367
07 Registered On Sunday	LORAIN	4,110	201,693	2.0378	219,910	1.8689
07 Registered On Sunday	GREENE	3,706	201,693	1.8374	120,030	3.0876
07 Registered On Sunday	LICKING	3,598	201,693	1.7839	125,743	2.8614
07 Registered On Sunday	WARREN	3,478	201,693	1.7244	172,907	2.0115
07 Registered On Sunday	MIAMI	3,301	201,693	1.6366	76,869	4.2943
07 Registered On Sunday	FAIRFIELD	3,039	201,693	1.5067	110,825	2.7422
07 Registered On Sunday	LUCAS	2,974	201,693	1.4745	295,936	1.0049
07 Registered On Sunday	MEDINA	2,651	201,693	1.3144	132,236	2.0047
07 Registered On Sunday	WOOD	2,645	201,693	1.3114	93,411	2.8316
07 Registered On Sunday	GEAUGA	2,597	201,693	1.2876	68,164	3.8099
07 Registered On Sunday	ALLEN	2,091	201,693	1.0367	66,838	3.1285
07 Registered On Sunday	COLUMBIANA	1,933	201,693	0.9584	65,684	2.9429
07 Registered On Sunday	PORTAGE	1,819	201,693	0.9019	108,635	1.6744
07 Registered On Sunday	WAYNE	1,797	201,693	0.8910	73,800	2.4350
07 Registered On Sunday	UNION	1,372	201,693	0.6802	44,032	3.1159
07 Registered On Sunday	RICHLAND	1,306	201,693	0.6475	81,628	1.5999
07 Registered On Sunday	ASHTABULA	1,275	201,693	0.6321	61,159	2.0847
07 Registered On Sunday	HANCOCK	1,258	201,693	0.6237	51,728	2.4320
07 Registered On Sunday	DARKE	1,244	201,693	0.6168	34,526	3.6031
07 Registered On Sunday	PICKAWAY	1,194	201,693	0.5920	37,082	3.2199

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
07 Registered On Sunday	HIGHLAND	1,180	201,693	0.5850	27,406	4.3056
07 Registered On Sunday	CLARK	1,158	201,693	0.5741	88,606	1.3069
07 Registered On Sunday	BELMONT	955	201,693	0.4735	44,900	2.1269
07 Registered On Sunday	MORROW	919	201,693	0.4556	25,292	3.6336
07 Registered On Sunday	LOGAN	916	201,693	0.4542	32,259	2.8395
07 Registered On Sunday	MUSKINGUM	881	201,693	0.4368	54,992	1.6021
07 Registered On Sunday	SCIOTO	863	201,693	0.4279	45,433	1.8995
07 Registered On Sunday	SHELBY	852	201,693	0.4224	32,733	2.6029
07 Registered On Sunday	MADISON	816	201,693	0.4046	26,194	3.1152
07 Registered On Sunday	ERIE	814	201,693	0.4036	54,290	1.4994
07 Registered On Sunday	KNOX	812	201,693	0.4026	42,447	1.9130
07 Registered On Sunday	HENRY	794	201,693	0.3937	19,794	4.0113
07 Registered On Sunday	DEFIANCE	783	201,693	0.3882	26,448	2.9605
07 Registered On Sunday	ROSS	781	201,693	0.3872	46,182	1.6911
07 Registered On Sunday	MERCER	777	201,693	0.3852	29,661	2.6196
07 Registered On Sunday	ASHLAND	769	201,693	0.3813	34,894	2.2038
07 Registered On Sunday	MARION	767	201,693	0.3803	39,697	1.9321
07 Registered On Sunday	JEFFERSON	765	201,693	0.3793	46,895	1.6313
07 Registered On Sunday	COSHOCTON	737	201,693	0.3654	22,439	3.2845
07 Registered On Sunday	CLINTON	731	201,693	0.3624	27,491	2.6591
07 Registered On Sunday	TUSCARAWAS	695	201,693	0.3446	58,969	1.1786
07 Registered On Sunday	SENECA	662	201,693	0.3282	34,569	1.9150
07 Registered On Sunday	HURON	632	201,693	0.3133	36,715	1.7214
07 Registered On Sunday	PIKE	622	201,693	0.3084	17,873	3.4801
07 Registered On Sunday	CHAMPAIGN	570	201,693	0.2826	26,585	2.1441
07 Registered On Sunday	WASHINGTON	563	201,693	0.2791	42,609	1.3213
07 Registered On Sunday	AUGLAIZE	559	201,693	0.2772	32,419	1.7243
07 Registered On Sunday	OTTAWA	555	201,693	0.2752	30,621	1.8125
07 Registered On Sunday	JACKSON	547	201,693	0.2712	20,760	2.6349
07 Registered On Sunday	SANDUSKY	538	201,693	0.2667	40,074	1.3425
07 Registered On Sunday	ADAMS	521	201,693	0.2583	17,361	3.0010
07 Registered On Sunday	PERRY	481	201,693	0.2385	22,715	2.1175

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
07 Registered On Sunday	CRAWFORD	460	201,693	0.2281	28,126	1.6355
07 Registered On Sunday	GUERNSEY	457	201,693	0.2266	24,469	1.8677
07 Registered On Sunday	ATHENS	453	201,693	0.2246	39,527	1.1461
07 Registered On Sunday	BROWN	447	201,693	0.2216	29,110	1.5356
07 Registered On Sunday	FULTON	446	201,693	0.2211	29,516	1.5110
07 Registered On Sunday	HARDIN	410	201,693	0.2033	17,883	2.2927
07 Registered On Sunday	PREBLE	410	201,693	0.2033	28,657	1.4307
07 Registered On Sunday	WYANDOT	397	201,693	0.1968	15,094	2.6302
07 Registered On Sunday	LAWRENCE	395	201,693	0.1958	42,688	0.9253
07 Registered On Sunday	PUTNAM	357	201,693	0.1770	23,724	1.5048
07 Registered On Sunday	FAYETTE	347	201,693	0.1720	17,033	2.0372
07 Registered On Sunday	CARROLL	343	201,693	0.1701	18,384	1.8658
07 Registered On Sunday	WILLIAMS	326	201,693	0.1616	25,235	1.2919
07 Registered On Sunday	HOCKING	313	201,693	0.1552	18,455	1.6960
07 Registered On Sunday	VAN WERT	301	201,693	0.1492	20,263	1.4855
07 Registered On Sunday	GALLIA	276	201,693	0.1368	18,953	1.4562
07 Registered On Sunday	PAULDING	220	201,693	0.1091	12,719	1.7297
07 Registered On Sunday	HOLMES	185	201,693	0.0917	18,085	1.0229
07 Registered On Sunday	MEIGS	174	201,693	0.0863	14,978	1.1617
07 Registered On Sunday	VINTON	171	201,693	0.0848	8,528	2.0052
07 Registered On Sunday	MORGAN	161	201,693	0.0798	9,249	1.7407
07 Registered On Sunday	HARRISON	141	201,693	0.0699	10,067	1.4006
07 Registered On Sunday	NOBLE	95	201,693	0.0471	8,062	1.1784
07 Registered On Sunday	MONROE	59	201,693	0.0293	9,286	0.6354

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
08 Date of Birth Changed	CUYAHOGA	1,285	6,348	20.2426	883,738	0.1454
08 Date of Birth Changed	HAMILTON	660	6,348	10.3970	596,974	0.1106
08 Date of Birth Changed	FRANKLIN	471	6,348	7.4197	887,503	0.0531
08 Date of Birth Changed	SUMMIT	321	6,348	5.0567	372,247	0.0862
08 Date of Birth Changed	CLERMONT	206	6,348	3.2451	146,506	0.1406
08 Date of Birth Changed	MAHONING	201	6,348	3.1664	163,328	0.1231
08 Date of Birth Changed	MONTGOMERY	177	6,348	2.7883	367,792	0.0481
08 Date of Birth Changed	LUCAS	171	6,348	2.6938	295,936	0.0578
08 Date of Birth Changed	LORAIN	170	6,348	2.6780	219,910	0.0773
08 Date of Birth Changed	TRUMBULL	160	6,348	2.5205	137,185	0.1166
08 Date of Birth Changed	STARK	133	6,348	2.0951	249,976	0.0532
08 Date of Birth Changed	BUTLER	132	6,348	2.0794	257,294	0.0513
08 Date of Birth Changed	WOOD	126	6,348	1.9849	93,411	0.1349
08 Date of Birth Changed	MEDINA	121	6,348	1.9061	132,236	0.0915
08 Date of Birth Changed	LAKE	103	6,348	1.6226	162,766	0.0633
08 Date of Birth Changed	FAIRFIELD	87	6,348	1.3705	110,825	0.0785
08 Date of Birth Changed	RICHLAND	85	6,348	1.3390	81,628	0.1041
08 Date of Birth Changed	WARREN	83	6,348	1.3075	172,907	0.0480
08 Date of Birth Changed	GREENE	78	6,348	1.2287	120,030	0.0650
08 Date of Birth Changed	JEFFERSON	57	6,348	0.8979	46,895	0.1215
08 Date of Birth Changed	MORROW	49	6,348	0.7719	25,292	0.1937
08 Date of Birth Changed	ASHTABULA	48	6,348	0.7561	61,159	0.0785
08 Date of Birth Changed	DELAWARE	47	6,348	0.7404	157,924	0.0298
08 Date of Birth Changed	WAYNE	47	6,348	0.7404	73,800	0.0637
08 Date of Birth Changed	CLARK	46	6,348	0.7246	88,606	0.0519
08 Date of Birth Changed	LICKING	42	6,348	0.6616	125,743	0.0334
08 Date of Birth Changed	MIAMI	42	6,348	0.6616	76,869	0.0546
08 Date of Birth Changed	PORTAGE	42	6,348	0.6616	108,635	0.0387
08 Date of Birth Changed	GEAUGA	40	6,348	0.6301	68,164	0.0587
08 Date of Birth Changed	SCIOTO	37	6,348	0.5829	45,433	0.0814
08 Date of Birth Changed	AUGLAIZE	36	6,348	0.5671	32,419	0.1110
08 Date of Birth Changed	ERIE	36	6,348	0.5671	54,290	0.0663

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
08 Date of Birth Changed	SHELBY	34	6,348	0.5356	32,733	0.1039
08 Date of Birth Changed	ATHENS	33	6,348	0.5198	39,527	0.0835
08 Date of Birth Changed	MARION	33	6,348	0.5198	39,697	0.0831
08 Date of Birth Changed	ROSS	32	6,348	0.5041	46,182	0.0693
08 Date of Birth Changed	ALLEN	30	6,348	0.4726	66,838	0.0449
08 Date of Birth Changed	WASHINGTON	30	6,348	0.4726	42,609	0.0704
08 Date of Birth Changed	LAWRENCE	29	6,348	0.4568	42,688	0.0679
08 Date of Birth Changed	SENECA	29	6,348	0.4568	34,569	0.0839
08 Date of Birth Changed	HANCOCK	28	6,348	0.4411	51,728	0.0541
08 Date of Birth Changed	KNOX	28	6,348	0.4411	42,447	0.0660
08 Date of Birth Changed	LOGAN	28	6,348	0.4411	32,259	0.0868
08 Date of Birth Changed	ADAMS	27	6,348	0.4253	17,361	0.1555
08 Date of Birth Changed	BROWN	27	6,348	0.4253	29,110	0.0928
08 Date of Birth Changed	COLUMBIANA	24	6,348	0.3781	65,684	0.0365
08 Date of Birth Changed	SANDUSKY	23	6,348	0.3623	40,074	0.0574
08 Date of Birth Changed	JACKSON	22	6,348	0.3466	20,760	0.1060
08 Date of Birth Changed	UNION	22	6,348	0.3466	44,032	0.0500
08 Date of Birth Changed	WYANDOT	21	6,348	0.3308	15,094	0.1391
08 Date of Birth Changed	MORGAN	20	6,348	0.3151	9,249	0.2162
08 Date of Birth Changed	PREBLE	20	6,348	0.3151	28,657	0.0698
08 Date of Birth Changed	CHAMPAIGN	19	6,348	0.2993	26,585	0.0715
08 Date of Birth Changed	MUSKINGUM	19	6,348	0.2993	54,992	0.0346
08 Date of Birth Changed	TUSCARAWAS	19	6,348	0.2993	58,969	0.0322
08 Date of Birth Changed	VAN WERT	19	6,348	0.2993	20,263	0.0938
08 Date of Birth Changed	ASHLAND	18	6,348	0.2836	34,894	0.0516
08 Date of Birth Changed	MADISON	18	6,348	0.2836	26,194	0.0687
08 Date of Birth Changed	CLINTON	17	6,348	0.2678	27,491	0.0618
08 Date of Birth Changed	COSHOCTON	17	6,348	0.2678	22,439	0.0758
08 Date of Birth Changed	HOCKING	17	6,348	0.2678	18,455	0.0921
08 Date of Birth Changed	NOBLE	17	6,348	0.2678	8,062	0.2109
08 Date of Birth Changed	FAYETTE	16	6,348	0.2520	17,033	0.0939
08 Date of Birth Changed	HARRISON	16	6,348	0.2520	10,067	0.1589

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
08 Date of Birth Changed	HENRY	16	6,348	0.2520	19,794	0.0808
08 Date of Birth Changed	HURON	15	6,348	0.2363	36,715	0.0409
08 Date of Birth Changed	MEIGS	15	6,348	0.2363	14,978	0.1001
08 Date of Birth Changed	MONROE	15	6,348	0.2363	9,286	0.1615
08 Date of Birth Changed	OTTAWA	15	6,348	0.2363	30,621	0.0490
08 Date of Birth Changed	CARROLL	13	6,348	0.2048	18,384	0.0707
08 Date of Birth Changed	DEFIANCE	13	6,348	0.2048	26,448	0.0492
08 Date of Birth Changed	HIGHLAND	13	6,348	0.2048	27,406	0.0474
08 Date of Birth Changed	PERRY	13	6,348	0.2048	22,715	0.0572
08 Date of Birth Changed	PICKAWAY	13	6,348	0.2048	37,082	0.0351
08 Date of Birth Changed	PIKE	13	6,348	0.2048	17,873	0.0727
08 Date of Birth Changed	BELMONT	12	6,348	0.1890	44,900	0.0267
08 Date of Birth Changed	CRAWFORD	12	6,348	0.1890	28,126	0.0427
08 Date of Birth Changed	FULTON	12	6,348	0.1890	29,516	0.0407
08 Date of Birth Changed	DARKE	11	6,348	0.1733	34,526	0.0319
08 Date of Birth Changed	GUERNSEY	10	6,348	0.1575	24,469	0.0409
08 Date of Birth Changed	GALLIA	9	6,348	0.1418	18,953	0.0475
08 Date of Birth Changed	VINTON	9	6,348	0.1418	8,528	0.1055
08 Date of Birth Changed	WILLIAMS	9	6,348	0.1418	25,235	0.0357
08 Date of Birth Changed	MERCER	8	6,348	0.1260	29,661	0.0270
08 Date of Birth Changed	PUTNAM	6	6,348	0.0945	23,724	0.0253
08 Date of Birth Changed	HARDIN	3	6,348	0.0473	17,883	0.0168
08 Date of Birth Changed	HOLMES	1	6,348	0.0158	18,085	0.0055
08 Date of Birth Changed	PAULDING	1	6,348	0.0158	12,719	0.0079

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
09 Voter History Inexplicably Changed	FRANKLIN	4,683	38,403	12.1944	887,503	0.5277
09 Voter History Inexplicably Changed	CUYAHOGA	4,266	38,403	11.1085	883,738	0.4827
09 Voter History Inexplicably Changed	BUTLER	2,542	38,403	6.6193	257,294	0.9880
09 Voter History Inexplicably Changed	HAMILTON	2,386	38,403	6.2131	596,974	0.3997
09 Voter History Inexplicably Changed	WARREN	2,108	38,403	5.4892	172,907	1.2192
09 Voter History Inexplicably Changed	MONTGOMERY	1,988	38,403	5.1767	367,792	0.5405
09 Voter History Inexplicably Changed	CLERMONT	1,448	38,403	3.7705	146,506	0.9884
09 Voter History Inexplicably Changed	GREENE	1,145	38,403	2.9815	120,030	0.9539
09 Voter History Inexplicably Changed	MEDINA	1,003	38,403	2.6118	132,236	0.7585
09 Voter History Inexplicably Changed	DELAWARE	952	38,403	2.4790	157,924	0.6028
09 Voter History Inexplicably Changed	SUMMIT	904	38,403	2.3540	372,247	0.2428
09 Voter History Inexplicably Changed	WOOD	867	38,403	2.2576	93,411	0.9282
09 Voter History Inexplicably Changed	PORTAGE	837	38,403	2.1795	108,635	0.7705
09 Voter History Inexplicably Changed	LUCAS	829	38,403	2.1587	295,936	0.2801
09 Voter History Inexplicably Changed	FAIRFIELD	797	38,403	2.0754	110,825	0.7192
09 Voter History Inexplicably Changed	LORAIN	752	38,403	1.9582	219,910	0.3420
09 Voter History Inexplicably Changed	STARK	676	38,403	1.7603	249,976	0.2704
09 Voter History Inexplicably Changed	RICHLAND	546	38,403	1.4218	81,628	0.6689
09 Voter History Inexplicably Changed	TRUMBULL	456	38,403	1.1874	137,185	0.3324
09 Voter History Inexplicably Changed	MIAMI	439	38,403	1.1431	76,869	0.5711
09 Voter History Inexplicably Changed	LAKE	428	38,403	1.1145	162,766	0.2630
09 Voter History Inexplicably Changed	MAHONING	423	38,403	1.1015	163,328	0.2590
09 Voter History Inexplicably Changed	WAYNE	415	38,403	1.0806	73,800	0.5623
09 Voter History Inexplicably Changed	ASHLAND	369	38,403	0.9609	34,894	1.0575
09 Voter History Inexplicably Changed	UNION	368	38,403	0.9583	44,032	0.8358
09 Voter History Inexplicably Changed	CLARK	336	38,403	0.8749	88,606	0.3792
09 Voter History Inexplicably Changed	LICKING	308	38,403	0.8020	125,743	0.2449
09 Voter History Inexplicably Changed	ROSS	280	38,403	0.7291	46,182	0.6063
09 Voter History Inexplicably Changed	ATHENS	279	38,403	0.7265	39,527	0.7058
09 Voter History Inexplicably Changed	PICKAWAY	263	38,403	0.6848	37,082	0.7092
09 Voter History Inexplicably Changed	MADISON	190	38,403	0.4948	26,194	0.7254
09 Voter History Inexplicably Changed	MORROW	190	38,403	0.4948	25,292	0.7512

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
09 Voter History Inexplicably Changed	BROWN	179	38,403	0.4661	29,110	0.6149
09 Voter History Inexplicably Changed	ERIE	178	38,403	0.4635	54,290	0.3279
09 Voter History Inexplicably Changed	GEAUGA	177	38,403	0.4609	68,164	0.2597
09 Voter History Inexplicably Changed	OTTAWA	175	38,403	0.4557	30,621	0.5715
09 Voter History Inexplicably Changed	ASHTABULA	168	38,403	0.4375	61,159	0.2747
09 Voter History Inexplicably Changed	HANCOCK	154	38,403	0.4010	51,728	0.2977
09 Voter History Inexplicably Changed	SENECA	152	38,403	0.3958	34,569	0.4397
09 Voter History Inexplicably Changed	PREBLE	146	38,403	0.3802	28,657	0.5095
09 Voter History Inexplicably Changed	COLUMBIANA	141	38,403	0.3672	65,684	0.2147
09 Voter History Inexplicably Changed	PIKE	140	38,403	0.3646	17,873	0.7833
09 Voter History Inexplicably Changed	TUSCARAWAS	140	38,403	0.3646	58,969	0.2374
09 Voter History Inexplicably Changed	CLINTON	139	38,403	0.3620	27,491	0.5056
09 Voter History Inexplicably Changed	HIGHLAND	135	38,403	0.3515	27,406	0.4926
09 Voter History Inexplicably Changed	MARION	134	38,403	0.3489	39,697	0.3376
09 Voter History Inexplicably Changed	CHAMPAIGN	133	38,403	0.3463	26,585	0.5003
09 Voter History Inexplicably Changed	MUSKINGUM	125	38,403	0.3255	54,992	0.2273
09 Voter History Inexplicably Changed	CARROLL	108	38,403	0.2812	18,384	0.5875
09 Voter History Inexplicably Changed	LOGAN	108	38,403	0.2812	32,259	0.3348
09 Voter History Inexplicably Changed	SHELBY	105	38,403	0.2734	32,733	0.3208
09 Voter History Inexplicably Changed	KNOX	102	38,403	0.2656	42,447	0.2403
09 Voter History Inexplicably Changed	PERRY	102	38,403	0.2656	22,715	0.4490
09 Voter History Inexplicably Changed	BELMONT	90	38,403	0.2344	44,900	0.2004
09 Voter History Inexplicably Changed	MERCER	90	38,403	0.2344	29,661	0.3034
09 Voter History Inexplicably Changed	SCIOTO	89	38,403	0.2318	45,433	0.1959
09 Voter History Inexplicably Changed	DARKE	87	38,403	0.2265	34,526	0.2520
09 Voter History Inexplicably Changed	WASHINGTON	83	38,403	0.2161	42,609	0.1948
09 Voter History Inexplicably Changed	FULTON	81	38,403	0.2109	29,516	0.2744
09 Voter History Inexplicably Changed	ADAMS	75	38,403	0.1953	17,361	0.4320
09 Voter History Inexplicably Changed	ALLEN	75	38,403	0.1953	66,838	0.1122
09 Voter History Inexplicably Changed	JACKSON	74	38,403	0.1927	20,760	0.3565
09 Voter History Inexplicably Changed	FAYETTE	73	38,403	0.1901	17,033	0.4286
09 Voter History Inexplicably Changed	HOCKING	72	38,403	0.1875	18,455	0.3901

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
09 Voter History Inexplicably Changed	WYANDOT	72	38,403	0.1875	15,094	0.4770
09 Voter History Inexplicably Changed	CRAWFORD	70	38,403	0.1823	28,126	0.2489
09 Voter History Inexplicably Changed	HURON	68	38,403	0.1771	36,715	0.1852
09 Voter History Inexplicably Changed	AUGLAIZE	65	38,403	0.1693	32,419	0.2005
09 Voter History Inexplicably Changed	HOLMES	61	38,403	0.1588	18,085	0.3373
09 Voter History Inexplicably Changed	DEFIANCE	56	38,403	0.1458	26,448	0.2117
09 Voter History Inexplicably Changed	SANDUSKY	56	38,403	0.1458	40,074	0.1397
09 Voter History Inexplicably Changed	COSHOCTON	53	38,403	0.1380	22,439	0.2362
09 Voter History Inexplicably Changed	HENRY	52	38,403	0.1354	19,794	0.2627
09 Voter History Inexplicably Changed	GALLIA	51	38,403	0.1328	18,953	0.2691
09 Voter History Inexplicably Changed	MEIGS	46	38,403	0.1198	14,978	0.3071
09 Voter History Inexplicably Changed	GUERNSEY	45	38,403	0.1172	24,469	0.1839
09 Voter History Inexplicably Changed	PUTNAM	45	38,403	0.1172	23,724	0.1897
09 Voter History Inexplicably Changed	WILLIAMS	44	38,403	0.1146	25,235	0.1744
09 Voter History Inexplicably Changed	LAWRENCE	39	38,403	0.1016	42,688	0.0914
09 Voter History Inexplicably Changed	MORGAN	37	38,403	0.0963	9,249	0.4000
09 Voter History Inexplicably Changed	JEFFERSON	34	38,403	0.0885	46,895	0.0725
09 Voter History Inexplicably Changed	HARRISON	33	38,403	0.0859	10,067	0.3278
09 Voter History Inexplicably Changed	HARDIN	31	38,403	0.0807	17,883	0.1733
09 Voter History Inexplicably Changed	MONROE	31	38,403	0.0807	9,286	0.3338
09 Voter History Inexplicably Changed	VAN WERT	31	38,403	0.0807	20,263	0.1530
09 Voter History Inexplicably Changed	PAULDING	30	38,403	0.0781	12,719	0.2359
09 Voter History Inexplicably Changed	VINTON	28	38,403	0.0729	8,528	0.3283
09 Voter History Inexplicably Changed	NOBLE	22	38,403	0.0573	8,062	0.2729

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
10 Registration Date Altered Backwards	FAIRFIELD	47,376	120,094	39.4491	110,825	42.7485
10 Registration Date Altered Backwards	RICHLAND	39,194	120,094	32.6361	81,628	48.0154
10 Registration Date Altered Backwards	WAYNE	31,384	120,094	26.1329	73,800	42.5257
10 Registration Date Altered Backwards	WOOD	903	120,094	0.7519	93,411	0.9667
10 Registration Date Altered Backwards	STARK	329	120,094	0.2740	249,976	0.1316
10 Registration Date Altered Backwards	HURON	230	120,094	0.1915	36,715	0.6264
10 Registration Date Altered Backwards	HENRY	151	120,094	0.1257	19,794	0.7629
10 Registration Date Altered Backwards	CLERMONT	113	120,094	0.0941	146,506	0.0771
10 Registration Date Altered Backwards	CUYAHOGA	110	120,094	0.0916	883,738	0.0124
10 Registration Date Altered Backwards	BUTLER	52	120,094	0.0433	257,294	0.0202
10 Registration Date Altered Backwards	HAMILTON	42	120,094	0.0350	596,974	0.0070
10 Registration Date Altered Backwards	SUMMIT	40	120,094	0.0333	372,247	0.0107
10 Registration Date Altered Backwards	ASHLAND	18	120,094	0.0150	34,894	0.0516
10 Registration Date Altered Backwards	FRANKLIN	18	120,094	0.0150	887,503	0.0020
10 Registration Date Altered Backwards	TRUMBULL	17	120,094	0.0142	137,185	0.0124
10 Registration Date Altered Backwards	MAHONING	16	120,094	0.0133	163,328	0.0098
10 Registration Date Altered Backwards	MERCER	12	120,094	0.0100	29,661	0.0405
10 Registration Date Altered Backwards	LORAIN	7	120,094	0.0058	219,910	0.0032
10 Registration Date Altered Backwards	MONTGOMERY	7	120,094	0.0058	367,792	0.0019
10 Registration Date Altered Backwards	MORROW	5	120,094	0.0042	25,292	0.0198
10 Registration Date Altered Backwards	PERRY	5	120,094	0.0042	22,715	0.0220
10 Registration Date Altered Backwards	UNION	5	120,094	0.0042	44,032	0.0114
10 Registration Date Altered Backwards	WARREN	5	120,094	0.0042	172,907	0.0029
10 Registration Date Altered Backwards	ALLEN	4	120,094	0.0033	66,838	0.0060
10 Registration Date Altered Backwards	DELAWARE	4	120,094	0.0033	157,924	0.0025
10 Registration Date Altered Backwards	LAKE	4	120,094	0.0033	162,766	0.0025
10 Registration Date Altered Backwards	LUCAS	4	120,094	0.0033	295,936	0.0014
10 Registration Date Altered Backwards	GREENE	3	120,094	0.0025	120,030	0.0025
10 Registration Date Altered Backwards	JACKSON	3	120,094	0.0025	20,760	0.0145
10 Registration Date Altered Backwards	LOGAN	3	120,094	0.0025	32,259	0.0093
10 Registration Date Altered Backwards	MEDINA	3	120,094	0.0025	132,236	0.0023
10 Registration Date Altered Backwards	MORGAN	3	120,094	0.0025	9,249	0.0324

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
10 Registration Date Altered Backwards	MUSKINGUM	3	120,094	0.0025	54,992	0.0055
10 Registration Date Altered Backwards	PIKE	3	120,094	0.0025	17,873	0.0168
10 Registration Date Altered Backwards	ASHTABULA	2	120,094	0.0017	61,159	0.0033
10 Registration Date Altered Backwards	AUGLAIZE	2	120,094	0.0017	32,419	0.0062
10 Registration Date Altered Backwards	PREBLE	2	120,094	0.0017	28,657	0.0070
10 Registration Date Altered Backwards	ATHENS	1	120,094	0.0008	39,527	0.0025
10 Registration Date Altered Backwards	BELMONT	1	120,094	0.0008	44,900	0.0022
10 Registration Date Altered Backwards	BROWN	1	120,094	0.0008	29,110	0.0034
10 Registration Date Altered Backwards	CLARK	1	120,094	0.0008	88,606	0.0011
10 Registration Date Altered Backwards	CLINTON	1	120,094	0.0008	27,491	0.0036
10 Registration Date Altered Backwards	FULTON	1	120,094	0.0008	29,516	0.0034
10 Registration Date Altered Backwards	HARDIN	1	120,094	0.0008	17,883	0.0056
10 Registration Date Altered Backwards	HIGHLAND	1	120,094	0.0008	27,406	0.0036
10 Registration Date Altered Backwards	HOLMES	1	120,094	0.0008	18,085	0.0055
10 Registration Date Altered Backwards	PAULDING	1	120,094	0.0008	12,719	0.0079
10 Registration Date Altered Backwards	ROSS	1	120,094	0.0008	46,182	0.0022
10 Registration Date Altered Backwards	VINTON	1	120,094	0.0008	8,528	0.0117
10 Registration Date Altered Backwards	ADAMS	0	120,094	0.0000	17,361	0.0000
10 Registration Date Altered Backwards	CARROLL	0	120,094	0.0000	18,384	0.0000
10 Registration Date Altered Backwards	CHAMPAIGN	0	120,094	0.0000	26,585	0.0000
10 Registration Date Altered Backwards	COLUMBIANA	0	120,094	0.0000	65,684	0.0000
10 Registration Date Altered Backwards	COSHOCTON	0	120,094	0.0000	22,439	0.0000
10 Registration Date Altered Backwards	CRAWFORD	0	120,094	0.0000	28,126	0.0000
10 Registration Date Altered Backwards	DARKE	0	120,094	0.0000	34,526	0.0000
10 Registration Date Altered Backwards	DEFIANCE	0	120,094	0.0000	26,448	0.0000
10 Registration Date Altered Backwards	ERIE	0	120,094	0.0000	54,290	0.0000
10 Registration Date Altered Backwards	FAYETTE	0	120,094	0.0000	17,033	0.0000
10 Registration Date Altered Backwards	GALLIA	0	120,094	0.0000	18,953	0.0000
10 Registration Date Altered Backwards	GEAUGA	0	120,094	0.0000	68,164	0.0000
10 Registration Date Altered Backwards	GUERNSEY	0	120,094	0.0000	24,469	0.0000
10 Registration Date Altered Backwards	HANCOCK	0	120,094	0.0000	51,728	0.0000
10 Registration Date Altered Backwards	HARRISON	0	120,094	0.0000	10,067	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
10 Registration Date Altered Backwards	HOCKING	0	120,094	0.0000	18,455	0.0000
10 Registration Date Altered Backwards	JEFFERSON	0	120,094	0.0000	46,895	0.0000
10 Registration Date Altered Backwards	KNOX	0	120,094	0.0000	42,447	0.0000
10 Registration Date Altered Backwards	LAWRENCE	0	120,094	0.0000	42,688	0.0000
10 Registration Date Altered Backwards	LICKING	0	120,094	0.0000	125,743	0.0000
10 Registration Date Altered Backwards	MADISON	0	120,094	0.0000	26,194	0.0000
10 Registration Date Altered Backwards	MARION	0	120,094	0.0000	39,697	0.0000
10 Registration Date Altered Backwards	MEIGS	0	120,094	0.0000	14,978	0.0000
10 Registration Date Altered Backwards	MIAMI	0	120,094	0.0000	76,869	0.0000
10 Registration Date Altered Backwards	MONROE	0	120,094	0.0000	9,286	0.0000
10 Registration Date Altered Backwards	NOBLE	0	120,094	0.0000	8,062	0.0000
10 Registration Date Altered Backwards	OTTAWA	0	120,094	0.0000	30,621	0.0000
10 Registration Date Altered Backwards	PICKAWAY	0	120,094	0.0000	37,082	0.0000
10 Registration Date Altered Backwards	PORTAGE	0	120,094	0.0000	108,635	0.0000
10 Registration Date Altered Backwards	PUTNAM	0	120,094	0.0000	23,724	0.0000
10 Registration Date Altered Backwards	SANDUSKY	0	120,094	0.0000	40,074	0.0000
10 Registration Date Altered Backwards	SCIOTO	0	120,094	0.0000	45,433	0.0000
10 Registration Date Altered Backwards	SENECA	0	120,094	0.0000	34,569	0.0000
10 Registration Date Altered Backwards	SHELBY	0	120,094	0.0000	32,733	0.0000
10 Registration Date Altered Backwards	TUSCARAWAS	0	120,094	0.0000	58,969	0.0000
10 Registration Date Altered Backwards	VAN WERT	0	120,094	0.0000	20,263	0.0000
10 Registration Date Altered Backwards	WASHINGTON	0	120,094	0.0000	42,609	0.0000
10 Registration Date Altered Backwards	WILLIAMS	0	120,094	0.0000	25,235	0.0000
10 Registration Date Altered Backwards	WYANDOT	0	120,094	0.0000	15,094	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
11 Voters With Altered "Unique" State Voter Identification Number	FRANKLIN	24,856	243,583	10.2043	887,503	2.8007
11 Voters With Altered "Unique" State Voter Identification Number	CUYAHOGA	15,526	243,583	6.3740	883,738	1.7569
11 Voters With Altered "Unique" State Voter Identification Number	HAMILTON	11,336	243,583	4.6539	596,974	1.8989
11 Voters With Altered "Unique" State Voter Identification Number	MONTGOMERY	10,895	243,583	4.4728	367,792	2.9623
11 Voters With Altered "Unique" State Voter Identification Number	SUMMIT	10,312	243,583	4.2335	372,247	2.7702
11 Voters With Altered "Unique" State Voter Identification Number	DELAWARE	9,991	243,583	4.1017	157,924	6.3265
11 Voters With Altered "Unique" State Voter Identification Number	WARREN	9,564	243,583	3.9264	172,907	5.5313
11 Voters With Altered "Unique" State Voter Identification Number	BUTLER	8,792	243,583	3.6094	257,294	3.4171
11 Voters With Altered "Unique" State Voter Identification Number	LORAIN	7,025	243,583	2.8840	219,910	3.1945
11 Voters With Altered "Unique" State Voter Identification Number	STARK	6,391	243,583	2.6237	249,976	2.5566
11 Voters With Altered "Unique" State Voter Identification Number	CLERMONT	6,308	243,583	2.5897	146,506	4.3056
11 Voters With Altered "Unique" State Voter Identification Number	GREENE	5,993	243,583	2.4604	120,030	4.9929
11 Voters With Altered "Unique" State Voter Identification Number	FAIRFIELD	5,819	243,583	2.3889	110,825	5.2506
11 Voters With Altered "Unique" State Voter Identification Number	LICKING	5,606	243,583	2.3015	125,743	4.4583
11 Voters With Altered "Unique" State Voter Identification Number	MEDINA	5,037	243,583	2.0679	132,236	3.8091
11 Voters With Altered "Unique" State Voter Identification Number	LAKE	4,846	243,583	1.9895	162,766	2.9773
11 Voters With Altered "Unique" State Voter Identification Number	PORTAGE	4,714	243,583	1.9353	108,635	4.3393
11 Voters With Altered "Unique" State Voter Identification Number	LUCAS	4,544	243,583	1.8655	295,936	1.5355
11 Voters With Altered "Unique" State Voter Identification Number	WOOD	4,232	243,583	1.7374	93,411	4.5305
11 Voters With Altered "Unique" State Voter Identification Number	MIAMI	3,441	243,583	1.4127	76,869	4.4764
11 Voters With Altered "Unique" State Voter Identification Number	TRUMBULL	3,419	243,583	1.4036	137,185	2.4923
11 Voters With Altered "Unique" State Voter Identification Number	UNION	3,414	243,583	1.4016	44,032	7.7535
11 Voters With Altered "Unique" State Voter Identification Number	MAHONING	3,242	243,583	1.3310	163,328	1.9850
11 Voters With Altered "Unique" State Voter Identification Number	CLARK	2,753	243,583	1.1302	88,606	3.1070
11 Voters With Altered "Unique" State Voter Identification Number	GEAUGA	2,529	243,583	1.0382	68,164	3.7102
11 Voters With Altered "Unique" State Voter Identification Number	RICHLAND	2,339	243,583	0.9602	81,628	2.8654
11 Voters With Altered "Unique" State Voter Identification Number	PICKAWAY	2,304	243,583	0.9459	37,082	6.2133
11 Voters With Altered "Unique" State Voter Identification Number	ERIE	2,239	243,583	0.9192	54,290	4.1241
11 Voters With Altered "Unique" State Voter Identification Number	WAYNE	2,159	243,583	0.8864	73,800	2.9255
11 Voters With Altered "Unique" State Voter Identification Number	HANCOCK	1,939	243,583	0.7960	51,728	3.7485
11 Voters With Altered "Unique" State Voter Identification Number	KNOX	1,765	243,583	0.7246	42,447	4.1581
11 Voters With Altered "Unique" State Voter Identification Number	ATHENS	1,678	243,583	0.6889	39,527	4.2452
11 Voters With Altered "Unique" State Voter Identification Number	MADISON	1,661	243,583	0.6819	26,194	6.3411
11 Voters With Altered "Unique" State Voter Identification Number	ROSS	1,601	243,583	0.6573	46,182	3.4667
11 Voters With Altered "Unique" State Voter Identification Number	ALLEN	1,592	243,583	0.6536	66,838	2.3819
11 Voters With Altered "Unique" State Voter Identification Number	MUSKINGUM	1,506	243,583	0.6183	54,992	2.7386
11 Voters With Altered "Unique" State Voter Identification Number	LOGAN	1,451	243,583	0.5957	32,259	4.4980
11 Voters With Altered "Unique" State Voter Identification Number	OTTAWA	1,438	243,583	0.5904	30,621	4.6961

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
11 Voters With Altered "Unique" State Voter Identification Number	ASHLAND	1,434	243,583	0.5887	34,894	4.1096
11 Voters With Altered "Unique" State Voter Identification Number	MARION	1,406	243,583	0.5772	39,697	3.5418
11 Voters With Altered "Unique" State Voter Identification Number	MORROW	1,393	243,583	0.5719	25,292	5.5077
11 Voters With Altered "Unique" State Voter Identification Number	COLUMBIANA	1,365	243,583	0.5604	65,684	2.0781
11 Voters With Altered "Unique" State Voter Identification Number	ASHTABULA	1,349	243,583	0.5538	61,159	2.2057
11 Voters With Altered "Unique" State Voter Identification Number	CHAMPAIGN	1,338	243,583	0.5493	26,585	5.0329
11 Voters With Altered "Unique" State Voter Identification Number	CLINTON	1,284	243,583	0.5271	27,491	4.6706
11 Voters With Altered "Unique" State Voter Identification Number	TUSCARAWAS	1,277	243,583	0.5243	58,969	2.1655
11 Voters With Altered "Unique" State Voter Identification Number	HURON	1,260	243,583	0.5173	36,715	3.4318
11 Voters With Altered "Unique" State Voter Identification Number	AUGLAIZE	1,215	243,583	0.4988	32,419	3.7478
11 Voters With Altered "Unique" State Voter Identification Number	BROWN	1,212	243,583	0.4976	29,110	4.1635
11 Voters With Altered "Unique" State Voter Identification Number	SANDUSKY	1,210	243,583	0.4968	40,074	3.0194
11 Voters With Altered "Unique" State Voter Identification Number	SENECA	1,170	243,583	0.4803	34,569	3.3845
11 Voters With Altered "Unique" State Voter Identification Number	CRAWFORD	1,153	243,583	0.4733	28,126	4.0994
11 Voters With Altered "Unique" State Voter Identification Number	PREBLE	1,085	243,583	0.4454	28,657	3.7862
11 Voters With Altered "Unique" State Voter Identification Number	HIGHLAND	1,031	243,583	0.4233	27,406	3.7619
11 Voters With Altered "Unique" State Voter Identification Number	SHELBY	914	243,583	0.3752	32,733	2.7923
11 Voters With Altered "Unique" State Voter Identification Number	PERRY	908	243,583	0.3728	22,715	3.9974
11 Voters With Altered "Unique" State Voter Identification Number	DARKE	847	243,583	0.3477	34,526	2.4532
11 Voters With Altered "Unique" State Voter Identification Number	GUERNSEY	844	243,583	0.3465	24,469	3.4493
11 Voters With Altered "Unique" State Voter Identification Number	FULTON	841	243,583	0.3453	29,516	2.8493
11 Voters With Altered "Unique" State Voter Identification Number	HOCKING	756	243,583	0.3104	18,455	4.0965
11 Voters With Altered "Unique" State Voter Identification Number	DEFIANCE	713	243,583	0.2927	26,448	2.6959
11 Voters With Altered "Unique" State Voter Identification Number	MERCER	706	243,583	0.2898	29,661	2.3802
11 Voters With Altered "Unique" State Voter Identification Number	SCIOTO	691	243,583	0.2837	45,433	1.5209
11 Voters With Altered "Unique" State Voter Identification Number	CARROLL	674	243,583	0.2767	18,384	3.6662
11 Voters With Altered "Unique" State Voter Identification Number	FAYETTE	674	243,583	0.2767	17,033	3.9570
11 Voters With Altered "Unique" State Voter Identification Number	COSHOCTON	666	243,583	0.2734	22,439	2.9680
11 Voters With Altered "Unique" State Voter Identification Number	HARDIN	654	243,583	0.2685	17,883	3.6571
11 Voters With Altered "Unique" State Voter Identification Number	JACKSON	641	243,583	0.2632	20,760	3.0877
11 Voters With Altered "Unique" State Voter Identification Number	BELMONT	627	243,583	0.2574	44,900	1.3964
11 Voters With Altered "Unique" State Voter Identification Number	PIKE	597	243,583	0.2451	17,873	3.3402
11 Voters With Altered "Unique" State Voter Identification Number	JEFFERSON	595	243,583	0.2443	46,895	1.2688
11 Voters With Altered "Unique" State Voter Identification Number	WASHINGTON	588	243,583	0.2414	42,609	1.3800
11 Voters With Altered "Unique" State Voter Identification Number	HENRY	587	243,583	0.2410	19,794	2.9655
11 Voters With Altered "Unique" State Voter Identification Number	ADAMS	548	243,583	0.2250	17,361	3.1565
11 Voters With Altered "Unique" State Voter Identification Number	VAN WERT	533	243,583	0.2188	20,263	2.6304
11 Voters With Altered "Unique" State Voter Identification Number	WILLIAMS	486	243,583	0.1995	25,235	1.9259

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
11 Voters With Altered "Unique" State Voter Identification Number	WYANDOT	470	243,583	0.1930	15,094	3.1138
11 Voters With Altered "Unique" State Voter Identification Number	PUTNAM	439	243,583	0.1802	23,724	1.8504
11 Voters With Altered "Unique" State Voter Identification Number	GALLIA	426	243,583	0.1749	18,953	2.2477
11 Voters With Altered "Unique" State Voter Identification Number	HOLMES	397	243,583	0.1630	18,085	2.1952
11 Voters With Altered "Unique" State Voter Identification Number	VINTON	348	243,583	0.1429	8,528	4.0807
11 Voters With Altered "Unique" State Voter Identification Number	LAWRENCE	327	243,583	0.1342	42,688	0.7660
11 Voters With Altered "Unique" State Voter Identification Number	MEIGS	326	243,583	0.1338	14,978	2.1765
11 Voters With Altered "Unique" State Voter Identification Number	HARRISON	307	243,583	0.1260	10,067	3.0496
11 Voters With Altered "Unique" State Voter Identification Number	MORGAN	305	243,583	0.1252	9,249	3.2977
11 Voters With Altered "Unique" State Voter Identification Number	PAULDING	266	243,583	0.1092	12,719	2.0914
11 Voters With Altered "Unique" State Voter Identification Number	NOBLE	262	243,583	0.1076	8,062	3.2498
11 Voters With Altered "Unique" State Voter Identification Number	MONROE	181	243,583	0.0743	9,286	1.9492

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
Total Registration Violations	FRANKLIN	295,391	1,201,438	24.5865	887,503	33.2834
Total Registration Violations	CUYAHOGA	206,466	1,201,438	17.1849	883,738	23.3628
Total Registration Violations	FAIRFIELD	60,094	1,201,438	5.0018	110,825	54.2242
Total Registration Violations	HAMILTON	55,673	1,201,438	4.6339	596,974	9.3259
Total Registration Violations	RICHLAND	45,339	1,201,438	3.7737	81,628	55.5434
Total Registration Violations	WAYNE	37,549	1,201,438	3.1253	73,800	50.8794
Total Registration Violations	MONTGOMERY	35,158	1,201,438	2.9263	367,792	9.5592
Total Registration Violations	SUMMIT	33,888	1,201,438	2.8206	372,247	9.1036
Total Registration Violations	BUTLER	25,942	1,201,438	2.1592	257,294	10.0826
Total Registration Violations	STARK	24,011	1,201,438	1.9985	249,976	9.6053
Total Registration Violations	DELAWARE	21,104	1,201,438	1.7566	157,924	13.3634
Total Registration Violations	WARREN	20,299	1,201,438	1.6896	172,907	11.7398
Total Registration Violations	CLERMONT	18,728	1,201,438	1.5588	146,506	12.7831
Total Registration Violations	LORAIN	17,780	1,201,438	1.4799	219,910	8.0851
Total Registration Violations	LUCAS	17,439	1,201,438	1.4515	295,936	5.8928
Total Registration Violations	GREENE	15,634	1,201,438	1.3013	120,030	13.0251
Total Registration Violations	MAHONING	14,494	1,201,438	1.2064	163,328	8.8742
Total Registration Violations	LAKE	14,372	1,201,438	1.1962	162,766	8.8299
Total Registration Violations	TRUMBULL	14,053	1,201,438	1.1697	137,185	10.2438
Total Registration Violations	LICKING	12,720	1,201,438	1.0587	125,743	10.1159
Total Registration Violations	MEDINA	11,621	1,201,438	0.9673	132,236	8.7881
Total Registration Violations	WOOD	11,477	1,201,438	0.9553	93,411	12.2866
Total Registration Violations	PORTAGE	9,947	1,201,438	0.8279	108,635	9.1563
Total Registration Violations	MIAMI	9,452	1,201,438	0.7867	76,869	12.2962
Total Registration Violations	GEAUGA	7,626	1,201,438	0.6347	68,164	11.1877
Total Registration Violations	UNION	6,608	1,201,438	0.5500	44,032	15.0073
Total Registration Violations	CLARK	6,385	1,201,438	0.5314	88,606	7.2061
Total Registration Violations	ALLEN	5,569	1,201,438	0.4635	66,838	8.3321
Total Registration Violations	COLUMBIANA	5,240	1,201,438	0.4361	65,684	7.9776
Total Registration Violations	PICKAWAY	4,806	1,201,438	0.4000	37,082	12.9605
Total Registration Violations	ERIE	4,785	1,201,438	0.3983	54,290	8.8138
Total Registration Violations	HANCOCK	4,676	1,201,438	0.3892	51,728	9.0396

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
Total Registration Violations	ATHENS	4,610	1,201,438	0.3837	39,527	11.6629
Total Registration Violations	ASHTABULA	4,593	1,201,438	0.3823	61,159	7.5099
Total Registration Violations	HURON	4,266	1,201,438	0.3551	36,715	11.6192
Total Registration Violations	KNOX	4,103	1,201,438	0.3415	42,447	9.6662
Total Registration Violations	MUSKINGUM	3,728	1,201,438	0.3103	54,992	6.7792
Total Registration Violations	ROSS	3,708	1,201,438	0.3086	46,182	8.0291
Total Registration Violations	ASHLAND	3,611	1,201,438	0.3006	34,894	10.3485
Total Registration Violations	MADISON	3,526	1,201,438	0.2935	26,194	13.4611
Total Registration Violations	TUSCARAWAS	3,489	1,201,438	0.2904	58,969	5.9167
Total Registration Violations	MARION	3,368	1,201,438	0.2803	39,697	8.4843
Total Registration Violations	SCIOTO	3,368	1,201,438	0.2803	45,433	7.4131
Total Registration Violations	HIGHLAND	3,336	1,201,438	0.2777	27,406	12.1725
Total Registration Violations	MORROW	3,260	1,201,438	0.2713	25,292	12.8895
Total Registration Violations	LOGAN	3,223	1,201,438	0.2683	32,259	9.9910
Total Registration Violations	SANDUSKY	3,070	1,201,438	0.2555	40,074	7.6608
Total Registration Violations	JEFFERSON	2,984	1,201,438	0.2484	46,895	6.3632
Total Registration Violations	OTTAWA	2,932	1,201,438	0.2440	30,621	9.5751
Total Registration Violations	SENECA	2,902	1,201,438	0.2415	34,569	8.3948
Total Registration Violations	SHELBY	2,869	1,201,438	0.2388	32,733	8.7649
Total Registration Violations	CLINTON	2,852	1,201,438	0.2374	27,491	10.3743
Total Registration Violations	DARKE	2,752	1,201,438	0.2291	34,526	7.9708
Total Registration Violations	CHAMPAIGN	2,735	1,201,438	0.2276	26,585	10.2878
Total Registration Violations	BELMONT	2,707	1,201,438	0.2253	44,900	6.0290
Total Registration Violations	BROWN	2,548	1,201,438	0.2121	29,110	8.7530
Total Registration Violations	AUGLAIZE	2,535	1,201,438	0.2110	32,419	7.8195
Total Registration Violations	WASHINGTON	2,315	1,201,438	0.1927	42,609	5.4331
Total Registration Violations	DEFIANCE	2,269	1,201,438	0.1889	26,448	8.5791
Total Registration Violations	PREBLE	2,261	1,201,438	0.1882	28,657	7.8899
Total Registration Violations	CRAWFORD	2,215	1,201,438	0.1844	28,126	7.8753
Total Registration Violations	MERCER	2,114	1,201,438	0.1760	29,661	7.1272
Total Registration Violations	FULTON	2,006	1,201,438	0.1670	29,516	6.7963
Total Registration Violations	HENRY	1,983	1,201,438	0.1651	19,794	10.0182

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
Total Registration Violations	GUERNSEY	1,943	1,201,438	0.1617	24,469	7.9407
Total Registration Violations	PERRY	1,924	1,201,438	0.1601	22,715	8.4702
Total Registration Violations	ADAMS	1,906	1,201,438	0.1586	17,361	10.9786
Total Registration Violations	COSHOCTON	1,886	1,201,438	0.1570	22,439	8.4050
Total Registration Violations	PIKE	1,870	1,201,438	0.1556	17,873	10.4627
Total Registration Violations	JACKSON	1,794	1,201,438	0.1493	20,760	8.6416
Total Registration Violations	CARROLL	1,526	1,201,438	0.1270	18,384	8.3007
Total Registration Violations	FAYETTE	1,497	1,201,438	0.1246	17,033	8.7888
Total Registration Violations	LAWRENCE	1,493	1,201,438	0.1243	42,688	3.4975
Total Registration Violations	HOCKING	1,488	1,201,438	0.1239	18,455	8.0629
Total Registration Violations	WILLIAMS	1,485	1,201,438	0.1236	25,235	5.8847
Total Registration Violations	HARDIN	1,440	1,201,438	0.1199	17,883	8.0523
Total Registration Violations	WYANDOT	1,374	1,201,438	0.1144	15,094	9.1030
Total Registration Violations	VAN WERT	1,358	1,201,438	0.1130	20,263	6.7019
Total Registration Violations	PUTNAM	1,231	1,201,438	0.1025	23,724	5.1888
Total Registration Violations	GALLIA	1,081	1,201,438	0.0900	18,953	5.7036
Total Registration Violations	HOLMES	951	1,201,438	0.0792	18,085	5.2585
Total Registration Violations	MEIGS	831	1,201,438	0.0692	14,978	5.5481
Total Registration Violations	PAULDING	787	1,201,438	0.0655	12,719	6.1876
Total Registration Violations	VINTON	727	1,201,438	0.0605	8,528	8.5249
Total Registration Violations	MORGAN	699	1,201,438	0.0582	9,249	7.5576
Total Registration Violations	HARRISON	631	1,201,438	0.0525	10,067	6.2680
Total Registration Violations	NOBLE	513	1,201,438	0.0427	8,062	6.3632
Total Registration Violations	MONROE	439	1,201,438	0.0365	9,286	4.7275

Section 2 Voting Violations

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
01 Illegal Duplicate Registrations	FRANKLIN	1,459	8,025	18.1807	887,503	0.1644
01 Illegal Duplicate Registrations	CUYAHOGA	682	8,025	8.4984	883,738	0.0772
01 Illegal Duplicate Registrations	DELAWARE	561	8,025	6.9907	157,924	0.3552
01 Illegal Duplicate Registrations	HAMILTON	397	8,025	4.9470	596,974	0.0665
01 Illegal Duplicate Registrations	SUMMIT	332	8,025	4.1371	372,247	0.0892
01 Illegal Duplicate Registrations	BUTLER	319	8,025	3.9751	257,294	0.1240
01 Illegal Duplicate Registrations	WARREN	294	8,025	3.6636	172,907	0.1700
01 Illegal Duplicate Registrations	FAIRFIELD	247	8,025	3.0779	110,825	0.2229
01 Illegal Duplicate Registrations	CLERMONT	239	8,025	2.9782	146,506	0.1631
01 Illegal Duplicate Registrations	PORTAGE	225	8,025	2.8037	108,635	0.2071
01 Illegal Duplicate Registrations	LICKING	202	8,025	2.5171	125,743	0.1606
01 Illegal Duplicate Registrations	STARK	201	8,025	2.5047	249,976	0.0804
01 Illegal Duplicate Registrations	LAKE	179	8,025	2.2305	162,766	0.1100
01 Illegal Duplicate Registrations	ATHENS	177	8,025	2.2056	39,527	0.4478
01 Illegal Duplicate Registrations	WOOD	155	8,025	1.9315	93,411	0.1659
01 Illegal Duplicate Registrations	LORAIN	141	8,025	1.7570	219,910	0.0641
01 Illegal Duplicate Registrations	UNION	130	8,025	1.6199	44,032	0.2952
01 Illegal Duplicate Registrations	MEDINA	116	8,025	1.4455	132,236	0.0877
01 Illegal Duplicate Registrations	MIAMI	94	8,025	1.1713	76,869	0.1223
01 Illegal Duplicate Registrations	TRUMBULL	89	8,025	1.1090	137,185	0.0649
01 Illegal Duplicate Registrations	GEAUGA	88	8,025	1.0966	68,164	0.1291
01 Illegal Duplicate Registrations	GREENE	84	8,025	1.0467	120,030	0.0700
01 Illegal Duplicate Registrations	MONTGOMERY	84	8,025	1.0467	367,792	0.0228
01 Illegal Duplicate Registrations	CLARK	83	8,025	1.0343	88,606	0.0937
01 Illegal Duplicate Registrations	PICKAWAY	76	8,025	0.9470	37,082	0.2050
01 Illegal Duplicate Registrations	MADISON	67	8,025	0.8349	26,194	0.2558
01 Illegal Duplicate Registrations	ERIE	63	8,025	0.7850	54,290	0.1160
01 Illegal Duplicate Registrations	WAYNE	63	8,025	0.7850	73,800	0.0854
01 Illegal Duplicate Registrations	COLUMBIANA	62	8,025	0.7726	65,684	0.0944
01 Illegal Duplicate Registrations	LUCAS	62	8,025	0.7726	295,936	0.0210
01 Illegal Duplicate Registrations	MORROW	46	8,025	0.5732	25,292	0.1819
01 Illegal Duplicate Registrations	RICHLAND	46	8,025	0.5732	81,628	0.0564

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
01 Illegal Duplicate Registrations	KNOX	45	8,025	0.5607	42,447	0.1060
01 Illegal Duplicate Registrations	BROWN	44	8,025	0.5483	29,110	0.1512
01 Illegal Duplicate Registrations	TUSCARAWAS	42	8,025	0.5234	58,969	0.0712
01 Illegal Duplicate Registrations	HANCOCK	41	8,025	0.5109	51,728	0.0793
01 Illegal Duplicate Registrations	MARION	36	8,025	0.4486	39,697	0.0907
01 Illegal Duplicate Registrations	FULTON	35	8,025	0.4361	29,516	0.1186
01 Illegal Duplicate Registrations	ROSS	32	8,025	0.3988	46,182	0.0693
01 Illegal Duplicate Registrations	CLINTON	31	8,025	0.3863	27,491	0.1128
01 Illegal Duplicate Registrations	SANDUSKY	30	8,025	0.3738	40,074	0.0749
01 Illegal Duplicate Registrations	ASHLAND	26	8,025	0.3240	34,894	0.0745
01 Illegal Duplicate Registrations	LOGAN	26	8,025	0.3240	32,259	0.0806
01 Illegal Duplicate Registrations	MUSKINGUM	26	8,025	0.3240	54,992	0.0473
01 Illegal Duplicate Registrations	SENECA	25	8,025	0.3115	34,569	0.0723
01 Illegal Duplicate Registrations	CHAMPAIGN	24	8,025	0.2991	26,585	0.0903
01 Illegal Duplicate Registrations	HIGHLAND	24	8,025	0.2991	27,406	0.0876
01 Illegal Duplicate Registrations	OTTAWA	24	8,025	0.2991	30,621	0.0784
01 Illegal Duplicate Registrations	CRAWFORD	23	8,025	0.2866	28,126	0.0818
01 Illegal Duplicate Registrations	DARKE	22	8,025	0.2741	34,526	0.0637
01 Illegal Duplicate Registrations	PERRY	21	8,025	0.2617	22,715	0.0924
01 Illegal Duplicate Registrations	CARROLL	20	8,025	0.2492	18,384	0.1088
01 Illegal Duplicate Registrations	FAYETTE	20	8,025	0.2492	17,033	0.1174
01 Illegal Duplicate Registrations	PIKE	20	8,025	0.2492	17,873	0.1119
01 Illegal Duplicate Registrations	GUERNSEY	19	8,025	0.2368	24,469	0.0776
01 Illegal Duplicate Registrations	HOLMES	18	8,025	0.2243	18,085	0.0995
01 Illegal Duplicate Registrations	HURON	18	8,025	0.2243	36,715	0.0490
01 Illegal Duplicate Registrations	COSHOCTON	17	8,025	0.2118	22,439	0.0758
01 Illegal Duplicate Registrations	ALLEN	16	8,025	0.1994	66,838	0.0239
01 Illegal Duplicate Registrations	SHELBY	16	8,025	0.1994	32,733	0.0489
01 Illegal Duplicate Registrations	ADAMS	15	8,025	0.1869	17,361	0.0864
01 Illegal Duplicate Registrations	SCIOTO	15	8,025	0.1869	45,433	0.0330
01 Illegal Duplicate Registrations	BELMONT	13	8,025	0.1620	44,900	0.0290
01 Illegal Duplicate Registrations	HOCKING	13	8,025	0.1620	18,455	0.0704

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
01 Illegal Duplicate Registrations	WILLIAMS	13	8,025	0.1620	25,235	0.0515
01 Illegal Duplicate Registrations	ASHTABULA	12	8,025	0.1495	61,159	0.0196
01 Illegal Duplicate Registrations	WASHINGTON	12	8,025	0.1495	42,609	0.0282
01 Illegal Duplicate Registrations	GALLIA	11	8,025	0.1371	18,953	0.0580
01 Illegal Duplicate Registrations	JACKSON	11	8,025	0.1371	20,760	0.0530
01 Illegal Duplicate Registrations	MAHONING	11	8,025	0.1371	163,328	0.0067
01 Illegal Duplicate Registrations	PREBLE	10	8,025	0.1246	28,657	0.0349
01 Illegal Duplicate Registrations	AUGLAIZE	9	8,025	0.1121	32,419	0.0278
01 Illegal Duplicate Registrations	JEFFERSON	8	8,025	0.0997	46,895	0.0171
01 Illegal Duplicate Registrations	DEFIANCE	7	8,025	0.0872	26,448	0.0265
01 Illegal Duplicate Registrations	HARDIN	7	8,025	0.0872	17,883	0.0391
01 Illegal Duplicate Registrations	HARRISON	6	8,025	0.0748	10,067	0.0596
01 Illegal Duplicate Registrations	HENRY	6	8,025	0.0748	19,794	0.0303
01 Illegal Duplicate Registrations	PUTNAM	6	8,025	0.0748	23,724	0.0253
01 Illegal Duplicate Registrations	WYANDOT	6	8,025	0.0748	15,094	0.0398
01 Illegal Duplicate Registrations	LAWRENCE	5	8,025	0.0623	42,688	0.0117
01 Illegal Duplicate Registrations	MERCER	5	8,025	0.0623	29,661	0.0169
01 Illegal Duplicate Registrations	MORGAN	5	8,025	0.0623	9,249	0.0541
01 Illegal Duplicate Registrations	MEIGS	4	8,025	0.0498	14,978	0.0267
01 Illegal Duplicate Registrations	NOBLE	4	8,025	0.0498	8,062	0.0496
01 Illegal Duplicate Registrations	VAN WERT	4	8,025	0.0498	20,263	0.0197
01 Illegal Duplicate Registrations	VINTON	2	8,025	0.0249	8,528	0.0235
01 Illegal Duplicate Registrations	MONROE	1	8,025	0.0125	9,286	0.0108
01 Illegal Duplicate Registrations	PAULDING	0	8,025	0.0000	12,719	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
02 Incomplete or Unknown Address	CUYAHOGA	7,818	41,126	19.0099	883,738	0.8847
02 Incomplete or Unknown Address	HAMILTON	6,069	41,126	14.7571	596,974	1.0166
02 Incomplete or Unknown Address	FRANKLIN	5,644	41,126	13.7237	887,503	0.6359
02 Incomplete or Unknown Address	SUMMIT	1,830	41,126	4.4497	372,247	0.4916
02 Incomplete or Unknown Address	MONTGOMERY	1,143	41,126	2.7793	367,792	0.3108
02 Incomplete or Unknown Address	STARK	1,143	41,126	2.7793	249,976	0.4572
02 Incomplete or Unknown Address	LUCAS	1,107	41,126	2.6917	295,936	0.3741
02 Incomplete or Unknown Address	BUTLER	981	41,126	2.3854	257,294	0.3813
02 Incomplete or Unknown Address	MAHONING	929	41,126	2.2589	163,328	0.5688
02 Incomplete or Unknown Address	WARREN	763	41,126	1.8553	172,907	0.4413
02 Incomplete or Unknown Address	LORAIN	745	41,126	1.8115	219,910	0.3388
02 Incomplete or Unknown Address	CLERMONT	736	41,126	1.7896	146,506	0.5024
02 Incomplete or Unknown Address	LAKE	613	41,126	1.4905	162,766	0.3766
02 Incomplete or Unknown Address	GREENE	546	41,126	1.3276	120,030	0.4549
02 Incomplete or Unknown Address	SCIOTO	481	41,126	1.1696	45,433	1.0587
02 Incomplete or Unknown Address	ATHENS	457	41,126	1.1112	39,527	1.1562
02 Incomplete or Unknown Address	GEAUGA	450	41,126	1.0942	68,164	0.6602
02 Incomplete or Unknown Address	TRUMBULL	428	41,126	1.0407	137,185	0.3120
02 Incomplete or Unknown Address	PORTAGE	364	41,126	0.8851	108,635	0.3351
02 Incomplete or Unknown Address	MEDINA	341	41,126	0.8292	132,236	0.2579
02 Incomplete or Unknown Address	DELAWARE	340	41,126	0.8267	157,924	0.2153
02 Incomplete or Unknown Address	WAYNE	316	41,126	0.7684	73,800	0.4282
02 Incomplete or Unknown Address	CLARK	305	41,126	0.7416	88,606	0.3442
02 Incomplete or Unknown Address	COLUMBIANA	286	41,126	0.6954	65,684	0.4354
02 Incomplete or Unknown Address	ERIE	285	41,126	0.6930	54,290	0.5250
02 Incomplete or Unknown Address	SANDUSKY	282	41,126	0.6857	40,074	0.7037
02 Incomplete or Unknown Address	KNOX	268	41,126	0.6517	42,447	0.6314
02 Incomplete or Unknown Address	ASHTABULA	259	41,126	0.6298	61,159	0.4235
02 Incomplete or Unknown Address	RICHLAND	255	41,126	0.6200	81,628	0.3124
02 Incomplete or Unknown Address	WOOD	253	41,126	0.6152	93,411	0.2708
02 Incomplete or Unknown Address	FAIRFIELD	242	41,126	0.5884	110,825	0.2184
02 Incomplete or Unknown Address	ASHLAND	241	41,126	0.5860	34,894	0.6907

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
02 Incomplete or Unknown Address	TUSCARAWAS	241	41,126	0.5860	58,969	0.4087
02 Incomplete or Unknown Address	MIAMI	239	41,126	0.5811	76,869	0.3109
02 Incomplete or Unknown Address	LICKING	202	41,126	0.4912	125,743	0.1606
02 Incomplete or Unknown Address	JEFFERSON	198	41,126	0.4814	46,895	0.4222
02 Incomplete or Unknown Address	ALLEN	179	41,126	0.4352	66,838	0.2678
02 Incomplete or Unknown Address	MUSKINGUM	179	41,126	0.4352	54,992	0.3255
02 Incomplete or Unknown Address	BELMONT	160	41,126	0.3890	44,900	0.3563
02 Incomplete or Unknown Address	HANCOCK	151	41,126	0.3672	51,728	0.2919
02 Incomplete or Unknown Address	SENECA	151	41,126	0.3672	34,569	0.4368
02 Incomplete or Unknown Address	MARION	149	41,126	0.3623	39,697	0.3753
02 Incomplete or Unknown Address	OTTAWA	138	41,126	0.3356	30,621	0.4507
02 Incomplete or Unknown Address	FULTON	131	41,126	0.3185	29,516	0.4438
02 Incomplete or Unknown Address	SHELBY	130	41,126	0.3161	32,733	0.3972
02 Incomplete or Unknown Address	ROSS	116	41,126	0.2821	46,182	0.2512
02 Incomplete or Unknown Address	BROWN	111	41,126	0.2699	29,110	0.3813
02 Incomplete or Unknown Address	UNION	110	41,126	0.2675	44,032	0.2498
02 Incomplete or Unknown Address	DEFIANCE	107	41,126	0.2602	26,448	0.4046
02 Incomplete or Unknown Address	MADISON	104	41,126	0.2529	26,194	0.3970
02 Incomplete or Unknown Address	GUERNSEY	102	41,126	0.2480	24,469	0.4169
02 Incomplete or Unknown Address	PREBLE	101	41,126	0.2456	28,657	0.3524
02 Incomplete or Unknown Address	WASHINGTON	101	41,126	0.2456	42,609	0.2370
02 Incomplete or Unknown Address	CLINTON	99	41,126	0.2407	27,491	0.3601
02 Incomplete or Unknown Address	DARKE	98	41,126	0.2383	34,526	0.2838
02 Incomplete or Unknown Address	WYANDOT	97	41,126	0.2359	15,094	0.6426
02 Incomplete or Unknown Address	AUGLAIZE	91	41,126	0.2213	32,419	0.2807
02 Incomplete or Unknown Address	MERCER	90	41,126	0.2188	29,661	0.3034
02 Incomplete or Unknown Address	CARROLL	89	41,126	0.2164	18,384	0.4841
02 Incomplete or Unknown Address	HURON	87	41,126	0.2115	36,715	0.2370
02 Incomplete or Unknown Address	LOGAN	87	41,126	0.2115	32,259	0.2697
02 Incomplete or Unknown Address	PICKAWAY	86	41,126	0.2091	37,082	0.2319
02 Incomplete or Unknown Address	CHAMPAIGN	81	41,126	0.1970	26,585	0.3047
02 Incomplete or Unknown Address	HIGHLAND	79	41,126	0.1921	27,406	0.2883

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
02 Incomplete or Unknown Address	FAYETTE	73	41,126	0.1775	17,033	0.4286
02 Incomplete or Unknown Address	PUTNAM	70	41,126	0.1702	23,724	0.2951
02 Incomplete or Unknown Address	WILLIAMS	68	41,126	0.1653	25,235	0.2695
02 Incomplete or Unknown Address	LAWRENCE	65	41,126	0.1581	42,688	0.1523
02 Incomplete or Unknown Address	MORROW	65	41,126	0.1581	25,292	0.2570
02 Incomplete or Unknown Address	HARDIN	64	41,126	0.1556	17,883	0.3579
02 Incomplete or Unknown Address	CRAWFORD	62	41,126	0.1508	28,126	0.2204
02 Incomplete or Unknown Address	ADAMS	59	41,126	0.1435	17,361	0.3398
02 Incomplete or Unknown Address	COSHOCTON	56	41,126	0.1362	22,439	0.2496
02 Incomplete or Unknown Address	HOLMES	56	41,126	0.1362	18,085	0.3096
02 Incomplete or Unknown Address	JACKSON	53	41,126	0.1289	20,760	0.2553
02 Incomplete or Unknown Address	PAULDING	53	41,126	0.1289	12,719	0.4167
02 Incomplete or Unknown Address	PIKE	53	41,126	0.1289	17,873	0.2965
02 Incomplete or Unknown Address	VAN WERT	47	41,126	0.1143	20,263	0.2319
02 Incomplete or Unknown Address	HENRY	44	41,126	0.1070	19,794	0.2223
02 Incomplete or Unknown Address	MEIGS	39	41,126	0.0948	14,978	0.2604
02 Incomplete or Unknown Address	PERRY	37	41,126	0.0900	22,715	0.1629
02 Incomplete or Unknown Address	GALLIA	34	41,126	0.0827	18,953	0.1794
02 Incomplete or Unknown Address	MORGAN	31	41,126	0.0754	9,249	0.3352
02 Incomplete or Unknown Address	NOBLE	25	41,126	0.0608	8,062	0.3101
02 Incomplete or Unknown Address	HOCKING	24	41,126	0.0584	18,455	0.1300
02 Incomplete or Unknown Address	MONROE	16	41,126	0.0389	9,286	0.1723
02 Incomplete or Unknown Address	HARRISON	14	41,126	0.0340	10,067	0.1391
02 Incomplete or Unknown Address	VINTON	14	41,126	0.0340	8,528	0.1642

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
03 Registered on or Before Date of Birth	CUYAHOGA	48,823	48,957	99.7263	883,738	5.5246
03 Registered on or Before Date of Birth	FRANKLIN	38	48,957	0.0776	887,503	0.0043
03 Registered on or Before Date of Birth	FAIRFIELD	34	48,957	0.0694	110,825	0.0307
03 Registered on or Before Date of Birth	CLERMONT	14	48,957	0.0286	146,506	0.0096
03 Registered on or Before Date of Birth	TRUMBULL	11	48,957	0.0225	137,185	0.0080
03 Registered on or Before Date of Birth	MAHONING	10	48,957	0.0204	163,328	0.0061
03 Registered on or Before Date of Birth	HURON	4	48,957	0.0082	36,715	0.0109
03 Registered on or Before Date of Birth	STARK	3	48,957	0.0061	249,976	0.0012
03 Registered on or Before Date of Birth	WOOD	3	48,957	0.0061	93,411	0.0032
03 Registered on or Before Date of Birth	HANCOCK	2	48,957	0.0041	51,728	0.0039
03 Registered on or Before Date of Birth	LAKE	2	48,957	0.0041	162,766	0.0012
03 Registered on or Before Date of Birth	MONTGOMERY	2	48,957	0.0041	367,792	0.0005
03 Registered on or Before Date of Birth	MORROW	2	48,957	0.0041	25,292	0.0079
03 Registered on or Before Date of Birth	RICHLAND	2	48,957	0.0041	81,628	0.0025
03 Registered on or Before Date of Birth	WAYNE	2	48,957	0.0041	73,800	0.0027
03 Registered on or Before Date of Birth	CRAWFORD	1	48,957	0.0020	28,126	0.0036
03 Registered on or Before Date of Birth	HENRY	1	48,957	0.0020	19,794	0.0051
03 Registered on or Before Date of Birth	LUCAS	1	48,957	0.0020	295,936	0.0003
03 Registered on or Before Date of Birth	PIKE	1	48,957	0.0020	17,873	0.0056
03 Registered on or Before Date of Birth	VAN WERT	1	48,957	0.0020	20,263	0.0049
03 Registered on or Before Date of Birth	ADAMS	0	48,957	0.0000	17,361	0.0000
03 Registered on or Before Date of Birth	ALLEN	0	48,957	0.0000	66,838	0.0000
03 Registered on or Before Date of Birth	ASHLAND	0	48,957	0.0000	34,894	0.0000
03 Registered on or Before Date of Birth	ASHTABULA	0	48,957	0.0000	61,159	0.0000
03 Registered on or Before Date of Birth	ATHENS	0	48,957	0.0000	39,527	0.0000
03 Registered on or Before Date of Birth	AUGLAIZE	0	48,957	0.0000	32,419	0.0000
03 Registered on or Before Date of Birth	BELMONT	0	48,957	0.0000	44,900	0.0000
03 Registered on or Before Date of Birth	BROWN	0	48,957	0.0000	29,110	0.0000
03 Registered on or Before Date of Birth	BUTLER	0	48,957	0.0000	257,294	0.0000
03 Registered on or Before Date of Birth	CARROLL	0	48,957	0.0000	18,384	0.0000
03 Registered on or Before Date of Birth	CHAMPAIGN	0	48,957	0.0000	26,585	0.0000
03 Registered on or Before Date of Birth	CLARK	0	48,957	0.0000	88,606	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
03 Registered on or Before Date of Birth	CLINTON	0	48,957	0.0000	27,491	0.0000
03 Registered on or Before Date of Birth	COLUMBIANA	0	48,957	0.0000	65,684	0.0000
03 Registered on or Before Date of Birth	COSHOCTON	0	48,957	0.0000	22,439	0.0000
03 Registered on or Before Date of Birth	DARKE	0	48,957	0.0000	34,526	0.0000
03 Registered on or Before Date of Birth	DEFIANCE	0	48,957	0.0000	26,448	0.0000
03 Registered on or Before Date of Birth	DELAWARE	0	48,957	0.0000	157,924	0.0000
03 Registered on or Before Date of Birth	ERIE	0	48,957	0.0000	54,290	0.0000
03 Registered on or Before Date of Birth	FAYETTE	0	48,957	0.0000	17,033	0.0000
03 Registered on or Before Date of Birth	FULTON	0	48,957	0.0000	29,516	0.0000
03 Registered on or Before Date of Birth	GALLIA	0	48,957	0.0000	18,953	0.0000
03 Registered on or Before Date of Birth	GEAUGA	0	48,957	0.0000	68,164	0.0000
03 Registered on or Before Date of Birth	GREENE	0	48,957	0.0000	120,030	0.0000
03 Registered on or Before Date of Birth	GUERNSEY	0	48,957	0.0000	24,469	0.0000
03 Registered on or Before Date of Birth	HAMILTON	0	48,957	0.0000	596,974	0.0000
03 Registered on or Before Date of Birth	HARDIN	0	48,957	0.0000	17,883	0.0000
03 Registered on or Before Date of Birth	HARRISON	0	48,957	0.0000	10,067	0.0000
03 Registered on or Before Date of Birth	HIGHLAND	0	48,957	0.0000	27,406	0.0000
03 Registered on or Before Date of Birth	HOCKING	0	48,957	0.0000	18,455	0.0000
03 Registered on or Before Date of Birth	HOLMES	0	48,957	0.0000	18,085	0.0000
03 Registered on or Before Date of Birth	JACKSON	0	48,957	0.0000	20,760	0.0000
03 Registered on or Before Date of Birth	JEFFERSON	0	48,957	0.0000	46,895	0.0000
03 Registered on or Before Date of Birth	KNOX	0	48,957	0.0000	42,447	0.0000
03 Registered on or Before Date of Birth	LAWRENCE	0	48,957	0.0000	42,688	0.0000
03 Registered on or Before Date of Birth	LICKING	0	48,957	0.0000	125,743	0.0000
03 Registered on or Before Date of Birth	LOGAN	0	48,957	0.0000	32,259	0.0000
03 Registered on or Before Date of Birth	LORAIN	0	48,957	0.0000	219,910	0.0000
03 Registered on or Before Date of Birth	MADISON	0	48,957	0.0000	26,194	0.0000
03 Registered on or Before Date of Birth	MARION	0	48,957	0.0000	39,697	0.0000
03 Registered on or Before Date of Birth	MEDINA	0	48,957	0.0000	132,236	0.0000
03 Registered on or Before Date of Birth	MEIGS	0	48,957	0.0000	14,978	0.0000
03 Registered on or Before Date of Birth	MERCER	0	48,957	0.0000	29,661	0.0000
03 Registered on or Before Date of Birth	MIAMI	0	48,957	0.0000	76,869	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
03 Registered on or Before Date of Birth	MONROE	0	48,957	0.0000	9,286	0.0000
03 Registered on or Before Date of Birth	MORGAN	0	48,957	0.0000	9,249	0.0000
03 Registered on or Before Date of Birth	MUSKINGUM	0	48,957	0.0000	54,992	0.0000
03 Registered on or Before Date of Birth	NOBLE	0	48,957	0.0000	8,062	0.0000
03 Registered on or Before Date of Birth	OTTAWA	0	48,957	0.0000	30,621	0.0000
03 Registered on or Before Date of Birth	PAULDING	0	48,957	0.0000	12,719	0.0000
03 Registered on or Before Date of Birth	PERRY	0	48,957	0.0000	22,715	0.0000
03 Registered on or Before Date of Birth	PICKAWAY	0	48,957	0.0000	37,082	0.0000
03 Registered on or Before Date of Birth	PORTAGE	0	48,957	0.0000	108,635	0.0000
03 Registered on or Before Date of Birth	PREBLE	0	48,957	0.0000	28,657	0.0000
03 Registered on or Before Date of Birth	PUTNAM	0	48,957	0.0000	23,724	0.0000
03 Registered on or Before Date of Birth	ROSS	0	48,957	0.0000	46,182	0.0000
03 Registered on or Before Date of Birth	SANDUSKY	0	48,957	0.0000	40,074	0.0000
03 Registered on or Before Date of Birth	SCIOTO	0	48,957	0.0000	45,433	0.0000
03 Registered on or Before Date of Birth	SENECA	0	48,957	0.0000	34,569	0.0000
03 Registered on or Before Date of Birth	SHELBY	0	48,957	0.0000	32,733	0.0000
03 Registered on or Before Date of Birth	SUMMIT	0	48,957	0.0000	372,247	0.0000
03 Registered on or Before Date of Birth	TUSCARAWAS	0	48,957	0.0000	58,969	0.0000
03 Registered on or Before Date of Birth	UNION	0	48,957	0.0000	44,032	0.0000
03 Registered on or Before Date of Birth	VINTON	0	48,957	0.0000	8,528	0.0000
03 Registered on or Before Date of Birth	WARREN	0	48,957	0.0000	172,907	0.0000
03 Registered on or Before Date of Birth	WASHINGTON	0	48,957	0.0000	42,609	0.0000
03 Registered on or Before Date of Birth	WILLIAMS	0	48,957	0.0000	25,235	0.0000
03 Registered on or Before Date of Birth	WYANDOT	0	48,957	0.0000	15,094	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	FRANKLIN	12,985	49,362	26.3057	887,503	1.4631
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	CUYAHOGA	11,465	49,362	23.2264	883,738	1.2973
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	BUTLER	3,410	49,362	6.9081	257,294	1.3253
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	STARK	2,709	49,362	5.4880	249,976	1.0837
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	CLERMONT	1,535	49,362	3.1097	146,506	1.0477
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	TRUMBULL	1,391	49,362	2.8180	137,185	1.0140
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	WOOD	1,279	49,362	2.5911	93,411	1.3692
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	HAMILTON	1,088	49,362	2.2041	596,974	0.1823
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	DELAWARE	849	49,362	1.7199	157,924	0.5376
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	WARREN	808	49,362	1.6369	172,907	0.4673
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	SUMMIT	697	49,362	1.4120	372,247	0.1872
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	ATHENS	566	49,362	1.1466	39,527	1.4319
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	PORTAGE	546	49,362	1.1061	108,635	0.5026
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	LORAIN	529	49,362	1.0717	219,910	0.2406
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	FAIRFIELD	469	49,362	0.9501	110,825	0.4232
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	HANCOCK	441	49,362	0.8934	51,728	0.8525
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	LICKING	431	49,362	0.8731	125,743	0.3428
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	LAKE	427	49,362	0.8650	162,766	0.2623
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MEDINA	409	49,362	0.8286	132,236	0.3093
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MERCER	361	49,362	0.7313	29,661	1.2171
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	HURON	323	49,362	0.6543	36,715	0.8797
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	GREENE	316	49,362	0.6402	120,030	0.2633
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MIAMI	276	49,362	0.5591	76,869	0.3591
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	UNION	261	49,362	0.5287	44,032	0.5928
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	CRAWFORD	246	49,362	0.4984	28,126	0.8746
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	GEAUGA	225	49,362	0.4558	68,164	0.3301
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	HENRY	221	49,362	0.4477	19,794	1.1165
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	ERIE	201	49,362	0.4072	54,290	0.3702
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MORROW	201	49,362	0.4072	25,292	0.7947
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	RICHLAND	200	49,362	0.4052	81,628	0.2450
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	LUCAS	188	49,362	0.3809	295,936	0.0635
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	WAYNE	169	49,362	0.3424	73,800	0.2290
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	KNOX	158	49,362	0.3201	42,447	0.3722
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	PICKAWAY	151	49,362	0.3059	37,082	0.4072
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	COLUMBIANA	147	49,362	0.2978	65,684	0.2238
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	CLARK	145	49,362	0.2937	88,606	0.1636
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MADISON	142	49,362	0.2877	26,194	0.5421
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	ALLEN	127	49,362	0.2573	66,838	0.1900
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	BROWN	124	49,362	0.2512	29,110	0.4260
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	TUSCARAWAS	118	49,362	0.2391	58,969	0.2001

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	CLINTON	116	49,362	0.2350	27,491	0.4220
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	SHELBY	110	49,362	0.2228	32,733	0.3361
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	AUGLAIZE	108	49,362	0.2188	32,419	0.3331
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	FULTON	106	49,362	0.2147	29,516	0.3591
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	ASHLAND	103	49,362	0.2087	34,894	0.2952
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MARION	103	49,362	0.2087	39,697	0.2595
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	HIGHLAND	102	49,362	0.2066	27,406	0.3722
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	DARKE	98	49,362	0.1985	34,526	0.2838
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	OTTAWA	96	49,362	0.1945	30,621	0.3135
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	SANDUSKY	89	49,362	0.1803	40,074	0.2221
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	WILLIAMS	89	49,362	0.1803	25,235	0.3527
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	ROSS	87	49,362	0.1762	46,182	0.1884
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	LOGAN	85	49,362	0.1722	32,259	0.2635
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	CHAMPAIGN	83	49,362	0.1681	26,585	0.3122
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	PERRY	83	49,362	0.1681	22,715	0.3654
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	SCIOTO	80	49,362	0.1621	45,433	0.1761
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MUSKINGUM	77	49,362	0.1560	54,992	0.1400
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	WASHINGTON	76	49,362	0.1540	42,609	0.1784
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	ASHTABULA	73	49,362	0.1479	61,159	0.1194
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	SENECA	72	49,362	0.1459	34,569	0.2083
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	DEFIANCE	71	49,362	0.1438	26,448	0.2685
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	FAYETTE	69	49,362	0.1398	17,033	0.4051
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	PIKE	66	49,362	0.1337	17,873	0.3693
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	CARROLL	64	49,362	0.1297	18,384	0.3481
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	PREBLE	61	49,362	0.1236	28,657	0.2129
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	ADAMS	59	49,362	0.1195	17,361	0.3398
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	JACKSON	59	49,362	0.1195	20,760	0.2842
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	COSHOCTON	55	49,362	0.1114	22,439	0.2451
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	GUERNSEY	55	49,362	0.1114	24,469	0.2248
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	BELMONT	53	49,362	0.1074	44,900	0.1180
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MONTGOMERY	50	49,362	0.1013	367,792	0.0136
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	HOCKING	49	49,362	0.0993	18,455	0.2655
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	HOLMES	48	49,362	0.0972	18,085	0.2654
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	WYANDOT	47	49,362	0.0952	15,094	0.3114
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	GALLIA	44	49,362	0.0891	18,953	0.2322
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	HARDIN	44	49,362	0.0891	17,883	0.2460
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	PAULDING	41	49,362	0.0831	12,719	0.3224
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	JEFFERSON	37	49,362	0.0750	46,895	0.0789
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	LAWRENCE	37	49,362	0.0750	42,688	0.0867
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	PUTNAM	36	49,362	0.0729	23,724	0.1517

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MORGAN	28	49,362	0.0567	9,249	0.3027
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	VINTON	28	49,362	0.0567	8,528	0.3283
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	HARRISON	26	49,362	0.0527	10,067	0.2583
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MEIGS	23	49,362	0.0466	14,978	0.1536
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	VAN WERT	18	49,362	0.0365	20,263	0.0888
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	NOBLE	13	49,362	0.0263	8,062	0.1613
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MONROE	10	49,362	0.0203	9,286	0.1077
04 Registered After the 2022 GE Cutoff Date Yet Voted in the 2022 GE	MAHONING	1	49,362	0.0020	163,328	0.0006

Scorecard label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
05 Age Discrepant Registrants	FRANKLIN	373	1,636	22.7995	887,503	0.0420
05 Age Discrepant Registrants	MONTGOMERY	149	1,636	9.1076	367,792	0.0405
05 Age Discrepant Registrants	CUYAHOGA	93	1,636	5.6846	883,738	0.0105
05 Age Discrepant Registrants	LUCAS	88	1,636	5.3790	295,936	0.0297
05 Age Discrepant Registrants	SUMMIT	84	1,636	5.1345	372,247	0.0226
05 Age Discrepant Registrants	LORAIN	65	1,636	3.9731	219,910	0.0296
05 Age Discrepant Registrants	ASHTABULA	52	1,636	3.1785	61,159	0.0850
05 Age Discrepant Registrants	MAHONING	52	1,636	3.1785	163,328	0.0318
05 Age Discrepant Registrants	DELAWARE	39	1,636	2.3839	157,924	0.0247
05 Age Discrepant Registrants	SHELBY	37	1,636	2.2616	32,733	0.1130
05 Age Discrepant Registrants	ASHLAND	29	1,636	1.7726	34,894	0.0831
05 Age Discrepant Registrants	CLERMONT	29	1,636	1.7726	146,506	0.0198
05 Age Discrepant Registrants	TRUMBULL	27	1,636	1.6504	137,185	0.0197
05 Age Discrepant Registrants	FAIRFIELD	26	1,636	1.5892	110,825	0.0235
05 Age Discrepant Registrants	LAKE	26	1,636	1.5892	162,766	0.0160
05 Age Discrepant Registrants	CLARK	23	1,636	1.4059	88,606	0.0260
05 Age Discrepant Registrants	RICHLAND	21	1,636	1.2836	81,628	0.0257
05 Age Discrepant Registrants	JEFFERSON	20	1,636	1.2225	46,895	0.0426
05 Age Discrepant Registrants	COLUMBIANA	19	1,636	1.1614	65,684	0.0289
05 Age Discrepant Registrants	OTTAWA	17	1,636	1.0391	30,621	0.0555
05 Age Discrepant Registrants	LAWRENCE	16	1,636	0.9780	42,688	0.0375
05 Age Discrepant Registrants	MIAMI	16	1,636	0.9780	76,869	0.0208
05 Age Discrepant Registrants	SCIOTO	16	1,636	0.9780	45,433	0.0352
05 Age Discrepant Registrants	WARREN	14	1,636	0.8557	172,907	0.0081
05 Age Discrepant Registrants	GREENE	13	1,636	0.7946	120,030	0.0108
05 Age Discrepant Registrants	HURON	13	1,636	0.7946	36,715	0.0354
05 Age Discrepant Registrants	LICKING	13	1,636	0.7946	125,743	0.0103
05 Age Discrepant Registrants	GEAUGA	12	1,636	0.7335	68,164	0.0176
05 Age Discrepant Registrants	MONROE	12	1,636	0.7335	9,286	0.1292
05 Age Discrepant Registrants	STARK	12	1,636	0.7335	249,976	0.0048
05 Age Discrepant Registrants	ERIE	11	1,636	0.6724	54,290	0.0203
05 Age Discrepant Registrants	CHAMPAIGN	10	1,636	0.6112	26,585	0.0376

05 Age Discrepant Registrants	WILLIAMS	9	1,636	0.5501	25,235	0.0357
05 Age Discrepant Registrants	ALLEN	8	1,636	0.4890	66,838	0.0120
05 Age Discrepant Registrants	FULTON	8	1,636	0.4890	29,516	0.0271
05 Age Discrepant Registrants	HANCOCK	8	1,636	0.4890	51,728	0.0155
05 Age Discrepant Registrants	ATHENS	7	1,636	0.4279	39,527	0.0177
05 Age Discrepant Registrants	AUGLAIZE	7	1,636	0.4279	32,419	0.0216
05 Age Discrepant Registrants	BELMONT	7	1,636	0.4279	44,900	0.0156
05 Age Discrepant Registrants	JACKSON	7	1,636	0.4279	20,760	0.0337
05 Age Discrepant Registrants	MARION	7	1,636	0.4279	39,697	0.0176
05 Age Discrepant Registrants	PORTAGE	7	1,636	0.4279	108,635	0.0064
05 Age Discrepant Registrants	ROSS	7	1,636	0.4279	46,182	0.0152
05 Age Discrepant Registrants	KNOX	6	1,636	0.3667	42,447	0.0141
05 Age Discrepant Registrants	MEDINA	6	1,636	0.3667	132,236	0.0045
05 Age Discrepant Registrants	MUSKINGUM	6	1,636	0.3667	54,992	0.0109
05 Age Discrepant Registrants	PAULDING	6	1,636	0.3667	12,719	0.0472
05 Age Discrepant Registrants	SENECA	6	1,636	0.3667	34,569	0.0174
05 Age Discrepant Registrants	BROWN	5	1,636	0.3056	29,110	0.0172
05 Age Discrepant Registrants	HIGHLAND	5	1,636	0.3056	27,406	0.0182
05 Age Discrepant Registrants	LOGAN	5	1,636	0.3056	32,259	0.0155
05 Age Discrepant Registrants	MORGAN	5	1,636	0.3056	9,249	0.0541
05 Age Discrepant Registrants	PERRY	5	1,636	0.3056	22,715	0.0220
05 Age Discrepant Registrants	SANDUSKY	5	1,636	0.3056	40,074	0.0125
05 Age Discrepant Registrants	TUSCARAWAS	5	1,636	0.3056	58,969	0.0085
05 Age Discrepant Registrants	ADAMS	4	1,636	0.2445	17,361	0.0230
05 Age Discrepant Registrants	HAMILTON	4	1,636	0.2445	596,974	0.0007
05 Age Discrepant Registrants	HARRISON	4	1,636	0.2445	10,067	0.0397
05 Age Discrepant Registrants	UNION	4	1,636	0.2445	44,032	0.0091
05 Age Discrepant Registrants	VAN WERT	4	1,636	0.2445	20,263	0.0197
05 Age Discrepant Registrants	WASHINGTON	4	1,636	0.2445	42,609	0.0094
05 Age Discrepant Registrants	WOOD	4	1,636	0.2445	93,411	0.0043
05 Age Discrepant Registrants	BUTLER	3	1,636	0.1834	257,294	0.0012
05 Age Discrepant Registrants	DEFIANCE	3	1,636	0.1834	26,448	0.0113
05 Age Discrepant Registrants	GUERNSEY	3	1,636	0.1834	24,469	0.0123

05 Age Discrepant Registrants	MEIGS	3	1,636	0.1834	14,978	0.0200
05 Age Discrepant Registrants	MERCER	3	1,636	0.1834	29,661	0.0101
05 Age Discrepant Registrants	WAYNE	3	1,636	0.1834	73,800	0.0041
05 Age Discrepant Registrants	CARROLL	2	1,636	0.1222	18,384	0.0109
05 Age Discrepant Registrants	GALLIA	2	1,636	0.1222	18,953	0.0106
05 Age Discrepant Registrants	PIKE	2	1,636	0.1222	17,873	0.0112
05 Age Discrepant Registrants	CLINTON	1	1,636	0.0611	27,491	0.0036
05 Age Discrepant Registrants	COSHOCTON	1	1,636	0.0611	22,439	0.0045
05 Age Discrepant Registrants	DARKE	1	1,636	0.0611	34,526	0.0029
05 Age Discrepant Registrants	FAYETTE	1	1,636	0.0611	17,033	0.0059
05 Age Discrepant Registrants	HENRY	1	1,636	0.0611	19,794	0.0051
05 Age Discrepant Registrants	MADISON	1	1,636	0.0611	26,194	0.0038
05 Age Discrepant Registrants	NOBLE	1	1,636	0.0611	8,062	0.0124
05 Age Discrepant Registrants	PUTNAM	1	1,636	0.0611	23,724	0.0042
05 Age Discrepant Registrants	VINTON	1	1,636	0.0611	8,528	0.0117
05 Age Discrepant Registrants	WYANDOT	1	1,636	0.0611	15,094	0.0066
05 Age Discrepant Registrants	CRAWFORD	0	1,636	0.0000	28,126	0.0000
05 Age Discrepant Registrants	HARDIN	0	1,636	0.0000	17,883	0.0000
05 Age Discrepant Registrants	HOCKING	0	1,636	0.0000	18,455	0.0000
05 Age Discrepant Registrants	HOLMES	0	1,636	0.0000	18,085	0.0000
05 Age Discrepant Registrants	MORROW	0	1,636	0.0000	25,292	0.0000
05 Age Discrepant Registrants	PICKAWAY	0	1,636	0.0000	37,082	0.0000
05 Age Discrepant Registrants	PREBLE	0	1,636	0.0000	28,657	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
06 Registered on January 1st	FRANKLIN	145,029	197,757	73.3370	887,503	16.3412
06 Registered on January 1st	CUYAHOGA	48,873	197,757	24.7137	883,738	5.5303
06 Registered on January 1st	HURON	1,099	197,757	0.5557	36,715	2.9933
06 Registered on January 1st	HAMILTON	462	197,757	0.2336	596,974	0.0774
06 Registered on January 1st	ADAMS	318	197,757	0.1608	17,361	1.8317
06 Registered on January 1st	LUCAS	312	197,757	0.1578	295,936	0.1054
06 Registered on January 1st	ALLEN	249	197,757	0.1259	66,838	0.3725
06 Registered on January 1st	MONTGOMERY	149	197,757	0.0753	367,792	0.0405
06 Registered on January 1st	ASHTABULA	112	197,757	0.0566	61,159	0.1831
06 Registered on January 1st	MIAMI	110	197,757	0.0556	76,869	0.1431
06 Registered on January 1st	SHELBY	99	197,757	0.0501	32,733	0.3024
06 Registered on January 1st	WOOD	66	197,757	0.0334	93,411	0.0707
06 Registered on January 1st	LAKE	58	197,757	0.0293	162,766	0.0356
06 Registered on January 1st	ROSS	54	197,757	0.0273	46,182	0.1169
06 Registered on January 1st	FAIRFIELD	52	197,757	0.0263	110,825	0.0469
06 Registered on January 1st	LICKING	51	197,757	0.0258	125,743	0.0406
06 Registered on January 1st	MUSKINGUM	47	197,757	0.0238	54,992	0.0855
06 Registered on January 1st	LORAIN	42	197,757	0.0212	219,910	0.0191
06 Registered on January 1st	STARK	37	197,757	0.0187	249,976	0.0148
06 Registered on January 1st	BUTLER	36	197,757	0.0182	257,294	0.0140
06 Registered on January 1st	MEDINA	33	197,757	0.0167	132,236	0.0250
06 Registered on January 1st	SUMMIT	33	197,757	0.0167	372,247	0.0089
06 Registered on January 1st	LOGAN	28	197,757	0.0142	32,259	0.0868
06 Registered on January 1st	TRUMBULL	27	197,757	0.0137	137,185	0.0197
06 Registered on January 1st	GREENE	24	197,757	0.0121	120,030	0.0200
06 Registered on January 1st	PORTAGE	23	197,757	0.0116	108,635	0.0212
06 Registered on January 1st	JEFFERSON	22	197,757	0.0111	46,895	0.0469
06 Registered on January 1st	MAHONING	20	197,757	0.0101	163,328	0.0122
06 Registered on January 1st	UNION	20	197,757	0.0101	44,032	0.0454
06 Registered on January 1st	WASHINGTON	20	197,757	0.0101	42,609	0.0469
06 Registered on January 1st	HIGHLAND	19	197,757	0.0096	27,406	0.0693
06 Registered on January 1st	CLERMONT	17	197,757	0.0086	146,506	0.0116

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
06 Registered on January 1st	ERIE	16	197,757	0.0081	54,290	0.0295
06 Registered on January 1st	PERRY	16	197,757	0.0081	22,715	0.0704
06 Registered on January 1st	DELAWARE	15	197,757	0.0076	157,924	0.0095
06 Registered on January 1st	WARREN	11	197,757	0.0056	172,907	0.0064
06 Registered on January 1st	COLUMBIANA	10	197,757	0.0051	65,684	0.0152
06 Registered on January 1st	GEAUGA	9	197,757	0.0046	68,164	0.0132
06 Registered on January 1st	ASHLAND	7	197,757	0.0035	34,894	0.0201
06 Registered on January 1st	MERCER	7	197,757	0.0035	29,661	0.0236
06 Registered on January 1st	SANDUSKY	7	197,757	0.0035	40,074	0.0175
06 Registered on January 1st	WAYNE	7	197,757	0.0035	73,800	0.0095
06 Registered on January 1st	HANCOCK	6	197,757	0.0030	51,728	0.0116
06 Registered on January 1st	MADISON	6	197,757	0.0030	26,194	0.0229
06 Registered on January 1st	PAULDING	6	197,757	0.0030	12,719	0.0472
06 Registered on January 1st	LAWRENCE	5	197,757	0.0025	42,688	0.0117
06 Registered on January 1st	RICHLAND	5	197,757	0.0025	81,628	0.0061
06 Registered on January 1st	ATHENS	4	197,757	0.0020	39,527	0.0101
06 Registered on January 1st	BELMONT	4	197,757	0.0020	44,900	0.0089
06 Registered on January 1st	GUERNSEY	4	197,757	0.0020	24,469	0.0163
06 Registered on January 1st	JACKSON	4	197,757	0.0020	20,760	0.0193
06 Registered on January 1st	PICKAWAY	4	197,757	0.0020	37,082	0.0108
06 Registered on January 1st	VAN WERT	4	197,757	0.0020	20,263	0.0197
06 Registered on January 1st	WILLIAMS	4	197,757	0.0020	25,235	0.0159
06 Registered on January 1st	BROWN	3	197,757	0.0015	29,110	0.0103
06 Registered on January 1st	CLARK	3	197,757	0.0015	88,606	0.0034
06 Registered on January 1st	DEFIANCE	3	197,757	0.0015	26,448	0.0113
06 Registered on January 1st	GALLIA	3	197,757	0.0015	18,953	0.0158
06 Registered on January 1st	HENRY	3	197,757	0.0015	19,794	0.0152
06 Registered on January 1st	OTTAWA	3	197,757	0.0015	30,621	0.0098
06 Registered on January 1st	PIKE	3	197,757	0.0015	17,873	0.0168
06 Registered on January 1st	PREBLE	3	197,757	0.0015	28,657	0.0105
06 Registered on January 1st	PUTNAM	3	197,757	0.0015	23,724	0.0126
06 Registered on January 1st	SENECA	3	197,757	0.0015	34,569	0.0087

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
06 Registered on January 1st	CARROLL	2	197,757	0.0010	18,384	0.0109
06 Registered on January 1st	CHAMPAIGN	2	197,757	0.0010	26,585	0.0075
06 Registered on January 1st	CLINTON	2	197,757	0.0010	27,491	0.0073
06 Registered on January 1st	DARKE	2	197,757	0.0010	34,526	0.0058
06 Registered on January 1st	FULTON	2	197,757	0.0010	29,516	0.0068
06 Registered on January 1st	HARDIN	2	197,757	0.0010	17,883	0.0112
06 Registered on January 1st	HOLMES	2	197,757	0.0010	18,085	0.0111
06 Registered on January 1st	MARION	2	197,757	0.0010	39,697	0.0050
06 Registered on January 1st	MORROW	2	197,757	0.0010	25,292	0.0079
06 Registered on January 1st	SCIOTO	2	197,757	0.0010	45,433	0.0044
06 Registered on January 1st	COSHOCTON	1	197,757	0.0005	22,439	0.0045
06 Registered on January 1st	CRAWFORD	1	197,757	0.0005	28,126	0.0036
06 Registered on January 1st	FAYETTE	1	197,757	0.0005	17,033	0.0059
06 Registered on January 1st	KNOX	1	197,757	0.0005	42,447	0.0024
06 Registered on January 1st	MONROE	1	197,757	0.0005	9,286	0.0108
06 Registered on January 1st	AUGLAIZE	0	197,757	0.0000	32,419	0.0000
06 Registered on January 1st	HARRISON	0	197,757	0.0000	10,067	0.0000
06 Registered on January 1st	HOCKING	0	197,757	0.0000	18,455	0.0000
06 Registered on January 1st	MEIGS	0	197,757	0.0000	14,978	0.0000
06 Registered on January 1st	MORGAN	0	197,757	0.0000	9,249	0.0000
06 Registered on January 1st	NOBLE	0	197,757	0.0000	8,062	0.0000
06 Registered on January 1st	TUSCARAWAS	0	197,757	0.0000	58,969	0.0000
06 Registered on January 1st	VINTON	0	197,757	0.0000	8,528	0.0000
06 Registered on January 1st	WYANDOT	0	197,757	0.0000	15,094	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
07 Registered on a Federal Holiday (Not New Year's Day)	CUYAHOGA	5,032	45,542	11.0491	883,738	0.5694
07 Registered on a Federal Holiday (Not New Year's Day)	FRANKLIN	4,741	45,542	10.4102	887,503	0.5342
07 Registered on a Federal Holiday (Not New Year's Day)	HAMILTON	3,669	45,542	8.0563	596,974	0.6146
07 Registered on a Federal Holiday (Not New Year's Day)	MONTGOMERY	2,664	45,542	5.8495	367,792	0.7243
07 Registered on a Federal Holiday (Not New Year's Day)	SUMMIT	2,255	45,542	4.9515	372,247	0.6058
07 Registered on a Federal Holiday (Not New Year's Day)	STARK	1,864	45,542	4.0929	249,976	0.7457
07 Registered on a Federal Holiday (Not New Year's Day)	BUTLER	1,531	45,542	3.3617	257,294	0.5950
07 Registered on a Federal Holiday (Not New Year's Day)	WARREN	1,502	45,542	3.2981	172,907	0.8687
07 Registered on a Federal Holiday (Not New Year's Day)	DELAWARE	1,448	45,542	3.1795	157,924	0.9169
07 Registered on a Federal Holiday (Not New Year's Day)	MAHONING	1,293	45,542	2.8391	163,328	0.7917
07 Registered on a Federal Holiday (Not New Year's Day)	CLERMONT	1,085	45,542	2.3824	146,506	0.7406
07 Registered on a Federal Holiday (Not New Year's Day)	GREENE	1,070	45,542	2.3495	120,030	0.8914
07 Registered on a Federal Holiday (Not New Year's Day)	LORAIN	1,036	45,542	2.2748	219,910	0.4711
07 Registered on a Federal Holiday (Not New Year's Day)	TRUMBULL	1,029	45,542	2.2595	137,185	0.7501
07 Registered on a Federal Holiday (Not New Year's Day)	LAKE	1,013	45,542	2.2243	162,766	0.6224
07 Registered on a Federal Holiday (Not New Year's Day)	GEAUGA	871	45,542	1.9125	68,164	1.2778
07 Registered on a Federal Holiday (Not New Year's Day)	LICKING	822	45,542	1.8049	125,743	0.6537
07 Registered on a Federal Holiday (Not New Year's Day)	LUCAS	734	45,542	1.6117	295,936	0.2480
07 Registered on a Federal Holiday (Not New Year's Day)	FAIRFIELD	588	45,542	1.2911	110,825	0.5306
07 Registered on a Federal Holiday (Not New Year's Day)	WOOD	560	45,542	1.2296	93,411	0.5995
07 Registered on a Federal Holiday (Not New Year's Day)	MEDINA	552	45,542	1.2121	132,236	0.4174
07 Registered on a Federal Holiday (Not New Year's Day)	COLUMBIANA	417	45,542	0.9156	65,684	0.6349
07 Registered on a Federal Holiday (Not New Year's Day)	MIAMI	405	45,542	0.8893	76,869	0.5269
07 Registered on a Federal Holiday (Not New Year's Day)	ALLEN	394	45,542	0.8651	66,838	0.5895
07 Registered on a Federal Holiday (Not New Year's Day)	PORTAGE	374	45,542	0.8212	108,635	0.3443
07 Registered on a Federal Holiday (Not New Year's Day)	WASHINGTON	363	45,542	0.7971	42,609	0.8519
07 Registered on a Federal Holiday (Not New Year's Day)	UNION	333	45,542	0.7312	44,032	0.7563
07 Registered on a Federal Holiday (Not New Year's Day)	ASHTABULA	307	45,542	0.6741	61,159	0.5020
07 Registered on a Federal Holiday (Not New Year's Day)	RICHLAND	282	45,542	0.6192	81,628	0.3455
07 Registered on a Federal Holiday (Not New Year's Day)	HANCOCK	260	45,542	0.5709	51,728	0.5026
07 Registered on a Federal Holiday (Not New Year's Day)	WAYNE	239	45,542	0.5248	73,800	0.3238
07 Registered on a Federal Holiday (Not New Year's Day)	PICKAWAY	236	45,542	0.5182	37,082	0.6364
07 Registered on a Federal Holiday (Not New Year's Day)	HIGHLAND	231	45,542	0.5072	27,406	0.8429
07 Registered on a Federal Holiday (Not New Year's Day)	SANDUSKY	228	45,542	0.5006	40,074	0.5689
07 Registered on a Federal Holiday (Not New Year's Day)	CLARK	210	45,542	0.4611	88,606	0.2370

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
07 Registered on a Federal Holiday (Not New Year's Day)	KNOX	206	45,542	0.4523	42,447	0.4853
07 Registered on a Federal Holiday (Not New Year's Day)	MORROW	204	45,542	0.4479	25,292	0.8066
07 Registered on a Federal Holiday (Not New Year's Day)	BELMONT	201	45,542	0.4414	44,900	0.4477
07 Registered on a Federal Holiday (Not New Year's Day)	OTTAWA	195	45,542	0.4282	30,621	0.6368
07 Registered on a Federal Holiday (Not New Year's Day)	SHELBY	194	45,542	0.4260	32,733	0.5927
07 Registered on a Federal Holiday (Not New Year's Day)	MUSKINGUM	186	45,542	0.4084	54,992	0.3382
07 Registered on a Federal Holiday (Not New Year's Day)	AUGLAIZE	180	45,542	0.3952	32,419	0.5552
07 Registered on a Federal Holiday (Not New Year's Day)	JEFFERSON	180	45,542	0.3952	46,895	0.3838
07 Registered on a Federal Holiday (Not New Year's Day)	ROSS	173	45,542	0.3799	46,182	0.3746
07 Registered on a Federal Holiday (Not New Year's Day)	MADISON	162	45,542	0.3557	26,194	0.6185
07 Registered on a Federal Holiday (Not New Year's Day)	MERCER	158	45,542	0.3469	29,661	0.5327
07 Registered on a Federal Holiday (Not New Year's Day)	MARION	157	45,542	0.3447	39,697	0.3955
07 Registered on a Federal Holiday (Not New Year's Day)	SCIOTO	155	45,542	0.3403	45,433	0.3412
07 Registered on a Federal Holiday (Not New Year's Day)	LOGAN	154	45,542	0.3381	32,259	0.4774
07 Registered on a Federal Holiday (Not New Year's Day)	TUSCARAWAS	154	45,542	0.3381	58,969	0.2612
07 Registered on a Federal Holiday (Not New Year's Day)	DEFIANCE	153	45,542	0.3360	26,448	0.5785
07 Registered on a Federal Holiday (Not New Year's Day)	ATHENS	144	45,542	0.3162	39,527	0.3643
07 Registered on a Federal Holiday (Not New Year's Day)	WILLIAMS	141	45,542	0.3096	25,235	0.5587
07 Registered on a Federal Holiday (Not New Year's Day)	ASHLAND	135	45,542	0.2964	34,894	0.3869
07 Registered on a Federal Holiday (Not New Year's Day)	VAN WERT	127	45,542	0.2789	20,263	0.6268
07 Registered on a Federal Holiday (Not New Year's Day)	PREBLE	122	45,542	0.2679	28,657	0.4257
07 Registered on a Federal Holiday (Not New Year's Day)	DARKE	121	45,542	0.2657	34,526	0.3505
07 Registered on a Federal Holiday (Not New Year's Day)	PUTNAM	121	45,542	0.2657	23,724	0.5100
07 Registered on a Federal Holiday (Not New Year's Day)	ERIE	120	45,542	0.2635	54,290	0.2210
07 Registered on a Federal Holiday (Not New Year's Day)	BROWN	112	45,542	0.2459	29,110	0.3847
07 Registered on a Federal Holiday (Not New Year's Day)	CHAMPAIGN	111	45,542	0.2437	26,585	0.4175
07 Registered on a Federal Holiday (Not New Year's Day)	CLINTON	111	45,542	0.2437	27,491	0.4038
07 Registered on a Federal Holiday (Not New Year's Day)	SENECA	111	45,542	0.2437	34,569	0.3211
07 Registered on a Federal Holiday (Not New Year's Day)	LAWRENCE	108	45,542	0.2371	42,688	0.2530
07 Registered on a Federal Holiday (Not New Year's Day)	CRAWFORD	107	45,542	0.2349	28,126	0.3804
07 Registered on a Federal Holiday (Not New Year's Day)	PIKE	103	45,542	0.2262	17,873	0.5763
07 Registered on a Federal Holiday (Not New Year's Day)	FULTON	102	45,542	0.2240	29,516	0.3456
07 Registered on a Federal Holiday (Not New Year's Day)	HURON	97	45,542	0.2130	36,715	0.2642
07 Registered on a Federal Holiday (Not New Year's Day)	HENRY	89	45,542	0.1954	19,794	0.4496
07 Registered on a Federal Holiday (Not New Year's Day)	JACKSON	89	45,542	0.1954	20,760	0.4287

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
07 Registered on a Federal Holiday (Not New Year's Day)	COSHOCTON	86	45,542	0.1888	22,439	0.3833
07 Registered on a Federal Holiday (Not New Year's Day)	GUERNSEY	85	45,542	0.1866	24,469	0.3474
07 Registered on a Federal Holiday (Not New Year's Day)	PERRY	73	45,542	0.1603	22,715	0.3214
07 Registered on a Federal Holiday (Not New Year's Day)	HARDIN	72	45,542	0.1581	17,883	0.4026
07 Registered on a Federal Holiday (Not New Year's Day)	ADAMS	66	45,542	0.1449	17,361	0.3802
07 Registered on a Federal Holiday (Not New Year's Day)	CARROLL	61	45,542	0.1339	18,384	0.3318
07 Registered on a Federal Holiday (Not New Year's Day)	WYANDOT	60	45,542	0.1317	15,094	0.3975
07 Registered on a Federal Holiday (Not New Year's Day)	HOCKING	58	45,542	0.1274	18,455	0.3143
07 Registered on a Federal Holiday (Not New Year's Day)	HOLMES	51	45,542	0.1120	18,085	0.2820
07 Registered on a Federal Holiday (Not New Year's Day)	PAULDING	51	45,542	0.1120	12,719	0.4010
07 Registered on a Federal Holiday (Not New Year's Day)	FAYETTE	48	45,542	0.1054	17,033	0.2818
07 Registered on a Federal Holiday (Not New Year's Day)	MEIGS	46	45,542	0.1010	14,978	0.3071
07 Registered on a Federal Holiday (Not New Year's Day)	VINTON	42	45,542	0.0922	8,528	0.4925
07 Registered on a Federal Holiday (Not New Year's Day)	GALLIA	36	45,542	0.0790	18,953	0.1899
07 Registered on a Federal Holiday (Not New Year's Day)	MORGAN	34	45,542	0.0747	9,249	0.3676
07 Registered on a Federal Holiday (Not New Year's Day)	HARRISON	22	45,542	0.0483	10,067	0.2185
07 Registered on a Federal Holiday (Not New Year's Day)	MONROE	19	45,542	0.0417	9,286	0.2046
07 Registered on a Federal Holiday (Not New Year's Day)	NOBLE	11	45,542	0.0242	8,062	0.1364

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
08 Registered on Sunday	FRANKLIN	23,710	116,855	20.2901	887,503	2.6715
08 Registered on Sunday	CUYAHOGA	9,701	116,855	8.3017	883,738	1.0977
08 Registered on Sunday	SUMMIT	5,601	116,855	4.7931	372,247	1.5046
08 Registered on Sunday	MONTGOMERY	5,352	116,855	4.5800	367,792	1.4552
08 Registered on Sunday	STARK	4,733	116,855	4.0503	249,976	1.8934
08 Registered on Sunday	HAMILTON	4,347	116,855	3.7200	596,974	0.7282
08 Registered on Sunday	DELAWARE	3,431	116,855	2.9361	157,924	2.1726
08 Registered on Sunday	BUTLER	3,353	116,855	2.8694	257,294	1.3032
08 Registered on Sunday	TRUMBULL	3,284	116,855	2.8103	137,185	2.3938
08 Registered on Sunday	LAKE	3,052	116,855	2.6118	162,766	1.8751
08 Registered on Sunday	MAHONING	2,980	116,855	2.5502	163,328	1.8245
08 Registered on Sunday	CLERMONT	2,909	116,855	2.4894	146,506	1.9856
08 Registered on Sunday	LORAIN	2,203	116,855	1.8852	219,910	1.0018
08 Registered on Sunday	GREENE	2,167	116,855	1.8544	120,030	1.8054
08 Registered on Sunday	MIAMI	2,125	116,855	1.8185	76,869	2.7644
08 Registered on Sunday	LICKING	1,983	116,855	1.6970	125,743	1.5770
08 Registered on Sunday	WARREN	1,978	116,855	1.6927	172,907	1.1440
08 Registered on Sunday	GEAUGA	1,827	116,855	1.5635	68,164	2.6803
08 Registered on Sunday	FAIRFIELD	1,724	116,855	1.4753	110,825	1.5556
08 Registered on Sunday	WOOD	1,476	116,855	1.2631	93,411	1.5801
08 Registered on Sunday	ALLEN	1,472	116,855	1.2597	66,838	2.2023
08 Registered on Sunday	MEDINA	1,466	116,855	1.2545	132,236	1.1086
08 Registered on Sunday	LUCAS	1,369	116,855	1.1715	295,936	0.4626
08 Registered on Sunday	COLUMBIANA	1,263	116,855	1.0808	65,684	1.9228
08 Registered on Sunday	WAYNE	1,057	116,855	0.9045	73,800	1.4322
08 Registered on Sunday	PORTAGE	1,030	116,855	0.8814	108,635	0.9481
08 Registered on Sunday	DARKE	893	116,855	0.7642	34,526	2.5865
08 Registered on Sunday	UNION	878	116,855	0.7514	44,032	1.9940
08 Registered on Sunday	ASHTABULA	753	116,855	0.6444	61,159	1.2312
08 Registered on Sunday	HANCOCK	654	116,855	0.5597	51,728	1.2643
08 Registered on Sunday	PICKAWAY	654	116,855	0.5597	37,082	1.7637
08 Registered on Sunday	RICHLAND	642	116,855	0.5494	81,628	0.7865

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
08 Registered on Sunday	HIGHLAND	607	116,855	0.5194	27,406	2.2148
08 Registered on Sunday	SHELBY	586	116,855	0.5015	32,733	1.7902
08 Registered on Sunday	BELMONT	571	116,855	0.4886	44,900	1.2717
08 Registered on Sunday	CLARK	563	116,855	0.4818	88,606	0.6354
08 Registered on Sunday	LOGAN	540	116,855	0.4621	32,259	1.6740
08 Registered on Sunday	MORROW	528	116,855	0.4518	25,292	2.0876
08 Registered on Sunday	MERCER	527	116,855	0.4510	29,661	1.7767
08 Registered on Sunday	KNOX	483	116,855	0.4133	42,447	1.1379
08 Registered on Sunday	MADISON	483	116,855	0.4133	26,194	1.8439
08 Registered on Sunday	MUSKINGUM	476	116,855	0.4073	54,992	0.8656
08 Registered on Sunday	COSHOCTON	442	116,855	0.3782	22,439	1.9698
08 Registered on Sunday	ASHLAND	441	116,855	0.3774	34,894	1.2638
08 Registered on Sunday	ERIE	432	116,855	0.3697	54,290	0.7957
08 Registered on Sunday	JEFFERSON	406	116,855	0.3474	46,895	0.8658
08 Registered on Sunday	ROSS	391	116,855	0.3346	46,182	0.8467
08 Registered on Sunday	CLINTON	384	116,855	0.3286	27,491	1.3968
08 Registered on Sunday	SCIOTO	382	116,855	0.3269	45,433	0.8408
08 Registered on Sunday	DEFIANCE	381	116,855	0.3260	26,448	1.4406
08 Registered on Sunday	HENRY	376	116,855	0.3218	19,794	1.8996
08 Registered on Sunday	ADAMS	369	116,855	0.3158	17,361	2.1255
08 Registered on Sunday	OTTAWA	367	116,855	0.3141	30,621	1.1985
08 Registered on Sunday	MARION	364	116,855	0.3115	39,697	0.9169
08 Registered on Sunday	SENECA	324	116,855	0.2773	34,569	0.9373
08 Registered on Sunday	TUSCARAWAS	322	116,855	0.2756	58,969	0.5460
08 Registered on Sunday	SANDUSKY	312	116,855	0.2670	40,074	0.7786
08 Registered on Sunday	WASHINGTON	304	116,855	0.2602	42,609	0.7135
08 Registered on Sunday	HURON	301	116,855	0.2576	36,715	0.8198
08 Registered on Sunday	CHAMPAIGN	291	116,855	0.2490	26,585	1.0946
08 Registered on Sunday	AUGLAIZE	285	116,855	0.2439	32,419	0.8791
08 Registered on Sunday	PIKE	277	116,855	0.2370	17,873	1.5498
08 Registered on Sunday	ATHENS	245	116,855	0.2097	39,527	0.6198
08 Registered on Sunday	FULTON	238	116,855	0.2037	29,516	0.8063

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
08 Registered on Sunday	PERRY	237	116,855	0.2028	22,715	1.0434
08 Registered on Sunday	WYANDOT	232	116,855	0.1985	15,094	1.5370
08 Registered on Sunday	GUERNSEY	228	116,855	0.1951	24,469	0.9318
08 Registered on Sunday	LAWRENCE	227	116,855	0.1943	42,688	0.5318
08 Registered on Sunday	JACKSON	221	116,855	0.1891	20,760	1.0645
08 Registered on Sunday	CARROLL	217	116,855	0.1857	18,384	1.1804
08 Registered on Sunday	HARDIN	212	116,855	0.1814	17,883	1.1855
08 Registered on Sunday	PREBLE	209	116,855	0.1789	28,657	0.7293
08 Registered on Sunday	PUTNAM	209	116,855	0.1789	23,724	0.8810
08 Registered on Sunday	CRAWFORD	207	116,855	0.1771	28,126	0.7360
08 Registered on Sunday	BROWN	202	116,855	0.1729	29,110	0.6939
08 Registered on Sunday	FAYETTE	175	116,855	0.1498	17,033	1.0274
08 Registered on Sunday	VAN WERT	167	116,855	0.1429	20,263	0.8242
08 Registered on Sunday	WILLIAMS	166	116,855	0.1421	25,235	0.6578
08 Registered on Sunday	HOCKING	165	116,855	0.1412	18,455	0.8941
08 Registered on Sunday	PAULDING	109	116,855	0.0933	12,719	0.8570
08 Registered on Sunday	MEIGS	105	116,855	0.0899	14,978	0.7010
08 Registered on Sunday	GALLIA	102	116,855	0.0873	18,953	0.5382
08 Registered on Sunday	HOLMES	99	116,855	0.0847	18,085	0.5474
08 Registered on Sunday	VINTON	95	116,855	0.0813	8,528	1.1140
08 Registered on Sunday	MORGAN	79	116,855	0.0676	9,249	0.8541
08 Registered on Sunday	HARRISON	70	116,855	0.0599	10,067	0.6953
08 Registered on Sunday	NOBLE	36	116,855	0.0308	8,062	0.4465
08 Registered on Sunday	MONROE	21	116,855	0.0180	9,286	0.2261

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
09 Date of Birth Changed	CUYAHOGA	570	3,456	16.4931	883,738	0.0645
09 Date of Birth Changed	HAMILTON	314	3,456	9.0856	596,974	0.0526
09 Date of Birth Changed	FRANKLIN	226	3,456	6.5394	887,503	0.0255
09 Date of Birth Changed	SUMMIT	169	3,456	4.8900	372,247	0.0454
09 Date of Birth Changed	CLERMONT	138	3,456	3.9931	146,506	0.0942
09 Date of Birth Changed	MAHONING	131	3,456	3.7905	163,328	0.0802
09 Date of Birth Changed	TRUMBULL	112	3,456	3.2407	137,185	0.0816
09 Date of Birth Changed	MONTGOMERY	110	3,456	3.1829	367,792	0.0299
09 Date of Birth Changed	LORAIN	97	3,456	2.8067	219,910	0.0441
09 Date of Birth Changed	LUCAS	93	3,456	2.6910	295,936	0.0314
09 Date of Birth Changed	MEDINA	75	3,456	2.1701	132,236	0.0567
09 Date of Birth Changed	STARK	75	3,456	2.1701	249,976	0.0300
09 Date of Birth Changed	BUTLER	67	3,456	1.9387	257,294	0.0260
09 Date of Birth Changed	WOOD	58	3,456	1.6782	93,411	0.0621
09 Date of Birth Changed	LAKE	57	3,456	1.6493	162,766	0.0350
09 Date of Birth Changed	FAIRFIELD	51	3,456	1.4757	110,825	0.0460
09 Date of Birth Changed	WARREN	51	3,456	1.4757	172,907	0.0295
09 Date of Birth Changed	RICHLAND	44	3,456	1.2731	81,628	0.0539
09 Date of Birth Changed	JEFFERSON	41	3,456	1.1863	46,895	0.0874
09 Date of Birth Changed	GREENE	39	3,456	1.1285	120,030	0.0325
09 Date of Birth Changed	MORROW	35	3,456	1.0127	25,292	0.1384
09 Date of Birth Changed	GEAUGA	33	3,456	0.9549	68,164	0.0484
09 Date of Birth Changed	WAYNE	33	3,456	0.9549	73,800	0.0447
09 Date of Birth Changed	DELAWARE	30	3,456	0.8681	157,924	0.0190
09 Date of Birth Changed	ASHTABULA	28	3,456	0.8102	61,159	0.0458
09 Date of Birth Changed	AUGLAIZE	28	3,456	0.8102	32,419	0.0864
09 Date of Birth Changed	PORTAGE	28	3,456	0.8102	108,635	0.0258
09 Date of Birth Changed	SHELBY	28	3,456	0.8102	32,733	0.0855
09 Date of Birth Changed	SCIOTO	26	3,456	0.7523	45,433	0.0572
09 Date of Birth Changed	CLARK	25	3,456	0.7234	88,606	0.0282
09 Date of Birth Changed	MIAMI	24	3,456	0.6944	76,869	0.0312
09 Date of Birth Changed	ATHENS	21	3,456	0.6076	39,527	0.0531

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
09 Date of Birth Changed	ERIE	21	3,456	0.6076	54,290	0.0387
09 Date of Birth Changed	KNOX	21	3,456	0.6076	42,447	0.0495
09 Date of Birth Changed	SENECA	19	3,456	0.5498	34,569	0.0550
09 Date of Birth Changed	ALLEN	18	3,456	0.5208	66,838	0.0269
09 Date of Birth Changed	MARION	18	3,456	0.5208	39,697	0.0453
09 Date of Birth Changed	HANCOCK	17	3,456	0.4919	51,728	0.0329
09 Date of Birth Changed	UNION	17	3,456	0.4919	44,032	0.0386
09 Date of Birth Changed	WASHINGTON	17	3,456	0.4919	42,609	0.0399
09 Date of Birth Changed	WYANDOT	17	3,456	0.4919	15,094	0.1126
09 Date of Birth Changed	ADAMS	16	3,456	0.4630	17,361	0.0922
09 Date of Birth Changed	COLUMBIANA	16	3,456	0.4630	65,684	0.0244
09 Date of Birth Changed	ROSS	16	3,456	0.4630	46,182	0.0346
09 Date of Birth Changed	BROWN	15	3,456	0.4340	29,110	0.0515
09 Date of Birth Changed	COSHOCTON	15	3,456	0.4340	22,439	0.0668
09 Date of Birth Changed	LICKING	15	3,456	0.4340	125,743	0.0119
09 Date of Birth Changed	NOBLE	15	3,456	0.4340	8,062	0.1861
09 Date of Birth Changed	SANDUSKY	14	3,456	0.4051	40,074	0.0349
09 Date of Birth Changed	JACKSON	13	3,456	0.3762	20,760	0.0626
09 Date of Birth Changed	LOGAN	13	3,456	0.3762	32,259	0.0403
09 Date of Birth Changed	TUSCARAWAS	13	3,456	0.3762	58,969	0.0220
09 Date of Birth Changed	HOCKING	12	3,456	0.3472	18,455	0.0650
09 Date of Birth Changed	LAWRENCE	12	3,456	0.3472	42,688	0.0281
09 Date of Birth Changed	MADISON	12	3,456	0.3472	26,194	0.0458
09 Date of Birth Changed	OTTAWA	12	3,456	0.3472	30,621	0.0392
09 Date of Birth Changed	CHAMPAIGN	11	3,456	0.3183	26,585	0.0414
09 Date of Birth Changed	CRAWFORD	11	3,456	0.3183	28,126	0.0391
09 Date of Birth Changed	MONROE	11	3,456	0.3183	9,286	0.1185
09 Date of Birth Changed	PREBLE	11	3,456	0.3183	28,657	0.0384
09 Date of Birth Changed	DEFIANCE	10	3,456	0.2894	26,448	0.0378
09 Date of Birth Changed	MEIGS	10	3,456	0.2894	14,978	0.0668
09 Date of Birth Changed	MORGAN	10	3,456	0.2894	9,249	0.1081
09 Date of Birth Changed	VAN WERT	10	3,456	0.2894	20,263	0.0494

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
09 Date of Birth Changed	ASHLAND	9	3,456	0.2604	34,894	0.0258
09 Date of Birth Changed	CLINTON	9	3,456	0.2604	27,491	0.0327
09 Date of Birth Changed	MUSKINGUM	9	3,456	0.2604	54,992	0.0164
09 Date of Birth Changed	PERRY	9	3,456	0.2604	22,715	0.0396
09 Date of Birth Changed	CARROLL	8	3,456	0.2315	18,384	0.0435
09 Date of Birth Changed	DARKE	8	3,456	0.2315	34,526	0.0232
09 Date of Birth Changed	HARRISON	8	3,456	0.2315	10,067	0.0795
09 Date of Birth Changed	GALLIA	7	3,456	0.2025	18,953	0.0369
09 Date of Birth Changed	HENRY	7	3,456	0.2025	19,794	0.0354
09 Date of Birth Changed	HIGHLAND	7	3,456	0.2025	27,406	0.0255
09 Date of Birth Changed	PICKAWAY	7	3,456	0.2025	37,082	0.0189
09 Date of Birth Changed	VINTON	7	3,456	0.2025	8,528	0.0821
09 Date of Birth Changed	BELMONT	6	3,456	0.1736	44,900	0.0134
09 Date of Birth Changed	FAYETTE	6	3,456	0.1736	17,033	0.0352
09 Date of Birth Changed	PIKE	6	3,456	0.1736	17,873	0.0336
09 Date of Birth Changed	WILLIAMS	6	3,456	0.1736	25,235	0.0238
09 Date of Birth Changed	FULTON	5	3,456	0.1447	29,516	0.0169
09 Date of Birth Changed	GUERNSEY	4	3,456	0.1157	24,469	0.0163
09 Date of Birth Changed	HURON	4	3,456	0.1157	36,715	0.0109
09 Date of Birth Changed	MERCER	3	3,456	0.0868	29,661	0.0101
09 Date of Birth Changed	PUTNAM	3	3,456	0.0868	23,724	0.0126
09 Date of Birth Changed	HARDIN	1	3,456	0.0289	17,883	0.0056
09 Date of Birth Changed	HOLMES	1	3,456	0.0289	18,085	0.0055
09 Date of Birth Changed	PAULDING	1	3,456	0.0289	12,719	0.0079

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
10 Voter History Inexplicably Changed	FRANKLIN	2,013	18,210	11.0544	887,503	0.2268
10 Voter History Inexplicably Changed	CUYAHOGA	1,728	18,210	9.4893	883,738	0.1955
10 Voter History Inexplicably Changed	WARREN	1,237	18,210	6.7930	172,907	0.7154
10 Voter History Inexplicably Changed	BUTLER	1,009	18,210	5.5409	257,294	0.3922
10 Voter History Inexplicably Changed	HAMILTON	957	18,210	5.2554	596,974	0.1603
10 Voter History Inexplicably Changed	MONTGOMERY	771	18,210	4.2339	367,792	0.2096
10 Voter History Inexplicably Changed	GREENE	661	18,210	3.6299	120,030	0.5507
10 Voter History Inexplicably Changed	SUMMIT	639	18,210	3.5091	372,247	0.1717
10 Voter History Inexplicably Changed	CLERMONT	619	18,210	3.3992	146,506	0.4225
10 Voter History Inexplicably Changed	MEDINA	560	18,210	3.0752	132,236	0.4235
10 Voter History Inexplicably Changed	DELAWARE	538	18,210	2.9544	157,924	0.3407
10 Voter History Inexplicably Changed	PORTAGE	537	18,210	2.9489	108,635	0.4943
10 Voter History Inexplicably Changed	WOOD	421	18,210	2.3119	93,411	0.4507
10 Voter History Inexplicably Changed	LORAIN	397	18,210	2.1801	219,910	0.1805
10 Voter History Inexplicably Changed	FAIRFIELD	388	18,210	2.1307	110,825	0.3501
10 Voter History Inexplicably Changed	LUCAS	338	18,210	1.8561	295,936	0.1142
10 Voter History Inexplicably Changed	LAKE	267	18,210	1.4662	162,766	0.1640
10 Voter History Inexplicably Changed	RICHLAND	263	18,210	1.4443	81,628	0.3222
10 Voter History Inexplicably Changed	STARK	263	18,210	1.4443	249,976	0.1052
10 Voter History Inexplicably Changed	MAHONING	257	18,210	1.4113	163,328	0.1574
10 Voter History Inexplicably Changed	LICKING	232	18,210	1.2740	125,743	0.1845
10 Voter History Inexplicably Changed	WAYNE	231	18,210	1.2685	73,800	0.3130
10 Voter History Inexplicably Changed	TRUMBULL	204	18,210	1.1203	137,185	0.1487
10 Voter History Inexplicably Changed	ASHLAND	188	18,210	1.0324	34,894	0.5388
10 Voter History Inexplicably Changed	UNION	184	18,210	1.0104	44,032	0.4179
10 Voter History Inexplicably Changed	MIAMI	177	18,210	0.9720	76,869	0.2303
10 Voter History Inexplicably Changed	CLARK	175	18,210	0.9610	88,606	0.1975
10 Voter History Inexplicably Changed	ATHENS	143	18,210	0.7853	39,527	0.3618
10 Voter History Inexplicably Changed	ROSS	141	18,210	0.7743	46,182	0.3053
10 Voter History Inexplicably Changed	MORROW	115	18,210	0.6315	25,292	0.4547
10 Voter History Inexplicably Changed	OTTAWA	106	18,210	0.5821	30,621	0.3462
10 Voter History Inexplicably Changed	PICKAWAY	106	18,210	0.5821	37,082	0.2859

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
10 Voter History Inexplicably Changed	GEAUGA	105	18,210	0.5766	68,164	0.1540
10 Voter History Inexplicably Changed	MADISON	89	18,210	0.4887	26,194	0.3398
10 Voter History Inexplicably Changed	BROWN	88	18,210	0.4833	29,110	0.3023
10 Voter History Inexplicably Changed	CHAMPAIGN	82	18,210	0.4503	26,585	0.3084
10 Voter History Inexplicably Changed	ASHTABULA	75	18,210	0.4119	61,159	0.1226
10 Voter History Inexplicably Changed	COLUMBIANA	75	18,210	0.4119	65,684	0.1142
10 Voter History Inexplicably Changed	PREBLE	75	18,210	0.4119	28,657	0.2617
10 Voter History Inexplicably Changed	SENECA	72	18,210	0.3954	34,569	0.2083
10 Voter History Inexplicably Changed	ERIE	70	18,210	0.3844	54,290	0.1289
10 Voter History Inexplicably Changed	TUSCARAWAS	69	18,210	0.3789	58,969	0.1170
10 Voter History Inexplicably Changed	HANCOCK	67	18,210	0.3679	51,728	0.1295
10 Voter History Inexplicably Changed	HIGHLAND	62	18,210	0.3405	27,406	0.2262
10 Voter History Inexplicably Changed	CLINTON	61	18,210	0.3350	27,491	0.2219
10 Voter History Inexplicably Changed	PIKE	59	18,210	0.3240	17,873	0.3301
10 Voter History Inexplicably Changed	KNOX	58	18,210	0.3185	42,447	0.1366
10 Voter History Inexplicably Changed	CARROLL	56	18,210	0.3075	18,384	0.3046
10 Voter History Inexplicably Changed	DARKE	50	18,210	0.2746	34,526	0.1448
10 Voter History Inexplicably Changed	LOGAN	50	18,210	0.2746	32,259	0.1550
10 Voter History Inexplicably Changed	PERRY	50	18,210	0.2746	22,715	0.2201
10 Voter History Inexplicably Changed	BELMONT	49	18,210	0.2691	44,900	0.1091
10 Voter History Inexplicably Changed	HURON	48	18,210	0.2636	36,715	0.1307
10 Voter History Inexplicably Changed	MERCER	48	18,210	0.2636	29,661	0.1618
10 Voter History Inexplicably Changed	SHELBY	48	18,210	0.2636	32,733	0.1466
10 Voter History Inexplicably Changed	FULTON	44	18,210	0.2416	29,516	0.1491
10 Voter History Inexplicably Changed	MARION	44	18,210	0.2416	39,697	0.1108
10 Voter History Inexplicably Changed	WASHINGTON	43	18,210	0.2361	42,609	0.1009
10 Voter History Inexplicably Changed	FAYETTE	40	18,210	0.2197	17,033	0.2348
10 Voter History Inexplicably Changed	MUSKINGUM	40	18,210	0.2197	54,992	0.0727
10 Voter History Inexplicably Changed	SCIOTO	40	18,210	0.2197	45,433	0.0880
10 Voter History Inexplicably Changed	SANDUSKY	37	18,210	0.2032	40,074	0.0923
10 Voter History Inexplicably Changed	HOLMES	36	18,210	0.1977	18,085	0.1991
10 Voter History Inexplicably Changed	ADAMS	35	18,210	0.1922	17,361	0.2016

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
10 Voter History Inexplicably Changed	CRAWFORD	35	18,210	0.1922	28,126	0.1244
10 Voter History Inexplicably Changed	HOCKING	35	18,210	0.1922	18,455	0.1897
10 Voter History Inexplicably Changed	ALLEN	31	18,210	0.1702	66,838	0.0464
10 Voter History Inexplicably Changed	WYANDOT	29	18,210	0.1593	15,094	0.1921
10 Voter History Inexplicably Changed	PUTNAM	28	18,210	0.1538	23,724	0.1180
10 Voter History Inexplicably Changed	AUGLAIZE	24	18,210	0.1318	32,419	0.0740
10 Voter History Inexplicably Changed	DEFIANCE	23	18,210	0.1263	26,448	0.0870
10 Voter History Inexplicably Changed	JEFFERSON	22	18,210	0.1208	46,895	0.0469
10 Voter History Inexplicably Changed	MEIGS	22	18,210	0.1208	14,978	0.1469
10 Voter History Inexplicably Changed	GUERNSEY	21	18,210	0.1153	24,469	0.0858
10 Voter History Inexplicably Changed	HENRY	20	18,210	0.1098	19,794	0.1010
10 Voter History Inexplicably Changed	WILLIAMS	19	18,210	0.1043	25,235	0.0753
10 Voter History Inexplicably Changed	JACKSON	18	18,210	0.0988	20,760	0.0867
10 Voter History Inexplicably Changed	MORGAN	18	18,210	0.0988	9,249	0.1946
10 Voter History Inexplicably Changed	PAULDING	18	18,210	0.0988	12,719	0.1415
10 Voter History Inexplicably Changed	COSHOCTON	16	18,210	0.0879	22,439	0.0713
10 Voter History Inexplicably Changed	GALLIA	16	18,210	0.0879	18,953	0.0844
10 Voter History Inexplicably Changed	HARDIN	15	18,210	0.0824	17,883	0.0839
10 Voter History Inexplicably Changed	LAWRENCE	15	18,210	0.0824	42,688	0.0351
10 Voter History Inexplicably Changed	HARRISON	14	18,210	0.0769	10,067	0.1391
10 Voter History Inexplicably Changed	VAN WERT	13	18,210	0.0714	20,263	0.0642
10 Voter History Inexplicably Changed	NOBLE	12	18,210	0.0659	8,062	0.1488
10 Voter History Inexplicably Changed	MONROE	11	18,210	0.0604	9,286	0.1185
10 Voter History Inexplicably Changed	VINTON	5	18,210	0.0275	8,528	0.0586

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
11 Registration Date Altered Backwards	FAIRFIELD	26,464	63,513	41.6671	110,825	23.8791
11 Registration Date Altered Backwards	RICHLAND	19,836	63,513	31.2314	81,628	24.3005
11 Registration Date Altered Backwards	WAYNE	16,336	63,513	25.7207	73,800	22.1355
11 Registration Date Altered Backwards	WOOD	377	63,513	0.5936	93,411	0.4036
11 Registration Date Altered Backwards	STARK	164	63,513	0.2582	249,976	0.0656
11 Registration Date Altered Backwards	HURON	76	63,513	0.1197	36,715	0.2070
11 Registration Date Altered Backwards	HENRY	68	63,513	0.1071	19,794	0.3435
11 Registration Date Altered Backwards	CLERMONT	48	63,513	0.0756	146,506	0.0328
11 Registration Date Altered Backwards	HAMILTON	27	63,513	0.0425	596,974	0.0045
11 Registration Date Altered Backwards	CUYAHOGA	24	63,513	0.0378	883,738	0.0027
11 Registration Date Altered Backwards	BUTLER	16	63,513	0.0252	257,294	0.0062
11 Registration Date Altered Backwards	SUMMIT	16	63,513	0.0252	372,247	0.0043
11 Registration Date Altered Backwards	ASHLAND	9	63,513	0.0142	34,894	0.0258
11 Registration Date Altered Backwards	TRUMBULL	8	63,513	0.0126	137,185	0.0058
11 Registration Date Altered Backwards	MERCER	6	63,513	0.0094	29,661	0.0202
11 Registration Date Altered Backwards	LORAIN	4	63,513	0.0063	219,910	0.0018
11 Registration Date Altered Backwards	MAHONING	4	63,513	0.0063	163,328	0.0024
11 Registration Date Altered Backwards	FRANKLIN	3	63,513	0.0047	887,503	0.0003
11 Registration Date Altered Backwards	MEDINA	3	63,513	0.0047	132,236	0.0023
11 Registration Date Altered Backwards	UNION	3	63,513	0.0047	44,032	0.0068
11 Registration Date Altered Backwards	AUGLAIZE	2	63,513	0.0031	32,419	0.0062
11 Registration Date Altered Backwards	MONTGOMERY	2	63,513	0.0031	367,792	0.0005
11 Registration Date Altered Backwards	WARREN	2	63,513	0.0031	172,907	0.0012
11 Registration Date Altered Backwards	ALLEN	1	63,513	0.0016	66,838	0.0015
11 Registration Date Altered Backwards	ASHTABULA	1	63,513	0.0016	61,159	0.0016
11 Registration Date Altered Backwards	CLARK	1	63,513	0.0016	88,606	0.0011
11 Registration Date Altered Backwards	CLINTON	1	63,513	0.0016	27,491	0.0036
11 Registration Date Altered Backwards	DELAWARE	1	63,513	0.0016	157,924	0.0006
11 Registration Date Altered Backwards	GREENE	1	63,513	0.0016	120,030	0.0008
11 Registration Date Altered Backwards	HIGHLAND	1	63,513	0.0016	27,406	0.0036
11 Registration Date Altered Backwards	HOLMES	1	63,513	0.0016	18,085	0.0055
11 Registration Date Altered Backwards	LUCAS	1	63,513	0.0016	295,936	0.0003

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
11 Registration Date Altered Backwards	MORGAN	1	63,513	0.0016	9,249	0.0108
11 Registration Date Altered Backwards	MORROW	1	63,513	0.0016	25,292	0.0040
11 Registration Date Altered Backwards	PAULDING	1	63,513	0.0016	12,719	0.0079
11 Registration Date Altered Backwards	PIKE	1	63,513	0.0016	17,873	0.0056
11 Registration Date Altered Backwards	ROSS	1	63,513	0.0016	46,182	0.0022
11 Registration Date Altered Backwards	VINTON	1	63,513	0.0016	8,528	0.0117
11 Registration Date Altered Backwards	ADAMS	0	63,513	0.0000	17,361	0.0000
11 Registration Date Altered Backwards	ATHENS	0	63,513	0.0000	39,527	0.0000
11 Registration Date Altered Backwards	BELMONT	0	63,513	0.0000	44,900	0.0000
11 Registration Date Altered Backwards	BROWN	0	63,513	0.0000	29,110	0.0000
11 Registration Date Altered Backwards	CARROLL	0	63,513	0.0000	18,384	0.0000
11 Registration Date Altered Backwards	CHAMPAIGN	0	63,513	0.0000	26,585	0.0000
11 Registration Date Altered Backwards	COLUMBIANA	0	63,513	0.0000	65,684	0.0000
11 Registration Date Altered Backwards	COSHOCTON	0	63,513	0.0000	22,439	0.0000
11 Registration Date Altered Backwards	CRAWFORD	0	63,513	0.0000	28,126	0.0000
11 Registration Date Altered Backwards	DARKE	0	63,513	0.0000	34,526	0.0000
11 Registration Date Altered Backwards	DEFIANCE	0	63,513	0.0000	26,448	0.0000
11 Registration Date Altered Backwards	ERIE	0	63,513	0.0000	54,290	0.0000
11 Registration Date Altered Backwards	FAYETTE	0	63,513	0.0000	17,033	0.0000
11 Registration Date Altered Backwards	FULTON	0	63,513	0.0000	29,516	0.0000
11 Registration Date Altered Backwards	GALLIA	0	63,513	0.0000	18,953	0.0000
11 Registration Date Altered Backwards	GEAUGA	0	63,513	0.0000	68,164	0.0000
11 Registration Date Altered Backwards	GUERNSEY	0	63,513	0.0000	24,469	0.0000
11 Registration Date Altered Backwards	HANCOCK	0	63,513	0.0000	51,728	0.0000
11 Registration Date Altered Backwards	HARDIN	0	63,513	0.0000	17,883	0.0000
11 Registration Date Altered Backwards	HARRISON	0	63,513	0.0000	10,067	0.0000
11 Registration Date Altered Backwards	HOCKING	0	63,513	0.0000	18,455	0.0000
11 Registration Date Altered Backwards	JACKSON	0	63,513	0.0000	20,760	0.0000
11 Registration Date Altered Backwards	JEFFERSON	0	63,513	0.0000	46,895	0.0000
11 Registration Date Altered Backwards	KNOX	0	63,513	0.0000	42,447	0.0000
11 Registration Date Altered Backwards	LAKE	0	63,513	0.0000	162,766	0.0000
11 Registration Date Altered Backwards	LAWRENCE	0	63,513	0.0000	42,688	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
11 Registration Date Altered Backwards	LICKING	0	63,513	0.0000	125,743	0.0000
11 Registration Date Altered Backwards	LOGAN	0	63,513	0.0000	32,259	0.0000
11 Registration Date Altered Backwards	MADISON	0	63,513	0.0000	26,194	0.0000
11 Registration Date Altered Backwards	MARION	0	63,513	0.0000	39,697	0.0000
11 Registration Date Altered Backwards	MEIGS	0	63,513	0.0000	14,978	0.0000
11 Registration Date Altered Backwards	MIAMI	0	63,513	0.0000	76,869	0.0000
11 Registration Date Altered Backwards	MONROE	0	63,513	0.0000	9,286	0.0000
11 Registration Date Altered Backwards	MUSKINGUM	0	63,513	0.0000	54,992	0.0000
11 Registration Date Altered Backwards	NOBLE	0	63,513	0.0000	8,062	0.0000
11 Registration Date Altered Backwards	OTTAWA	0	63,513	0.0000	30,621	0.0000
11 Registration Date Altered Backwards	PERRY	0	63,513	0.0000	22,715	0.0000
11 Registration Date Altered Backwards	PICKAWAY	0	63,513	0.0000	37,082	0.0000
11 Registration Date Altered Backwards	PORTAGE	0	63,513	0.0000	108,635	0.0000
11 Registration Date Altered Backwards	PREBLE	0	63,513	0.0000	28,657	0.0000
11 Registration Date Altered Backwards	PUTNAM	0	63,513	0.0000	23,724	0.0000
11 Registration Date Altered Backwards	SANDUSKY	0	63,513	0.0000	40,074	0.0000
11 Registration Date Altered Backwards	SCIOTO	0	63,513	0.0000	45,433	0.0000
11 Registration Date Altered Backwards	SENECA	0	63,513	0.0000	34,569	0.0000
11 Registration Date Altered Backwards	SHELBY	0	63,513	0.0000	32,733	0.0000
11 Registration Date Altered Backwards	TUSCARAWAS	0	63,513	0.0000	58,969	0.0000
11 Registration Date Altered Backwards	VAN WERT	0	63,513	0.0000	20,263	0.0000
11 Registration Date Altered Backwards	WASHINGTON	0	63,513	0.0000	42,609	0.0000
11 Registration Date Altered Backwards	WILLIAMS	0	63,513	0.0000	25,235	0.0000
11 Registration Date Altered Backwards	WYANDOT	0	63,513	0.0000	15,094	0.0000

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
12 Voters With Altered "Unique" State Voter Identification Number	FRANKLIN	12,483	118,857	10.5025	887,503	1.4065
12 Voters With Altered "Unique" State Voter Identification Number	CUYAHOGA	7,893	118,857	6.6408	883,738	0.8931
12 Voters With Altered "Unique" State Voter Identification Number	DELAWARE	6,179	118,857	5.1987	157,924	3.9126
12 Voters With Altered "Unique" State Voter Identification Number	HAMILTON	5,920	118,857	4.9808	596,974	0.9917
12 Voters With Altered "Unique" State Voter Identification Number	SUMMIT	5,697	118,857	4.7932	372,247	1.5304
12 Voters With Altered "Unique" State Voter Identification Number	WARREN	5,092	118,857	4.2841	172,907	2.9449
12 Voters With Altered "Unique" State Voter Identification Number	MONTGOMERY	4,722	118,857	3.9728	367,792	1.2839
12 Voters With Altered "Unique" State Voter Identification Number	BUTLER	3,831	118,857	3.2232	257,294	1.4890
12 Voters With Altered "Unique" State Voter Identification Number	LORAIN	3,779	118,857	3.1795	219,910	1.7184
12 Voters With Altered "Unique" State Voter Identification Number	CLERMONT	3,158	118,857	2.6570	146,506	2.1555
12 Voters With Altered "Unique" State Voter Identification Number	GREENE	2,966	118,857	2.4954	120,030	2.4710
12 Voters With Altered "Unique" State Voter Identification Number	LICKING	2,957	118,857	2.4879	125,743	2.3516
12 Voters With Altered "Unique" State Voter Identification Number	FAIRFIELD	2,937	118,857	2.4710	110,825	2.6501
12 Voters With Altered "Unique" State Voter Identification Number	STARK	2,860	118,857	2.4063	249,976	1.1441
12 Voters With Altered "Unique" State Voter Identification Number	MEDINA	2,825	118,857	2.3768	132,236	2.1363
12 Voters With Altered "Unique" State Voter Identification Number	LAKE	2,577	118,857	2.1682	162,766	1.5833
12 Voters With Altered "Unique" State Voter Identification Number	PORTAGE	2,489	118,857	2.0941	108,635	2.2912
12 Voters With Altered "Unique" State Voter Identification Number	LUCAS	2,066	118,857	1.7382	295,936	0.6981
12 Voters With Altered "Unique" State Voter Identification Number	WOOD	1,888	118,857	1.5885	93,411	2.0212
12 Voters With Altered "Unique" State Voter Identification Number	UNION	1,825	118,857	1.5355	44,032	4.1447
12 Voters With Altered "Unique" State Voter Identification Number	MIAMI	1,675	118,857	1.4093	76,869	2.1790
12 Voters With Altered "Unique" State Voter Identification Number	GEAUGA	1,559	118,857	1.3117	68,164	2.2871
12 Voters With Altered "Unique" State Voter Identification Number	MAHONING	1,394	118,857	1.1728	163,328	0.8535
12 Voters With Altered "Unique" State Voter Identification Number	TRUMBULL	1,258	118,857	1.0584	137,185	0.9170
12 Voters With Altered "Unique" State Voter Identification Number	CLARK	1,250	118,857	1.0517	88,606	1.4107
12 Voters With Altered "Unique" State Voter Identification Number	WAYNE	1,049	118,857	0.8826	73,800	1.4214
12 Voters With Altered "Unique" State Voter Identification Number	PICKAWAY	1,047	118,857	0.8809	37,082	2.8235
12 Voters With Altered "Unique" State Voter Identification Number	RICHLAND	998	118,857	0.8397	81,628	1.2226
12 Voters With Altered "Unique" State Voter Identification Number	ERIE	991	118,857	0.8338	54,290	1.8254
12 Voters With Altered "Unique" State Voter Identification Number	KNOX	948	118,857	0.7976	42,447	2.2334
12 Voters With Altered "Unique" State Voter Identification Number	ATHENS	946	118,857	0.7959	39,527	2.3933
12 Voters With Altered "Unique" State Voter Identification Number	OTTAWA	839	118,857	0.7059	30,621	2.7399
12 Voters With Altered "Unique" State Voter Identification Number	HANCOCK	817	118,857	0.6874	51,728	1.5794
12 Voters With Altered "Unique" State Voter Identification Number	MADISON	753	118,857	0.6335	26,194	2.8747
12 Voters With Altered "Unique" State Voter Identification Number	MORROW	661	118,857	0.5561	25,292	2.6135
12 Voters With Altered "Unique" State Voter Identification Number	COLUMBIANA	631	118,857	0.5309	65,684	0.9607
12 Voters With Altered "Unique" State Voter Identification Number	CHAMPAIGN	625	118,857	0.5258	26,585	2.3509
12 Voters With Altered "Unique" State Voter Identification Number	LOGAN	619	118,857	0.5208	32,259	1.9188

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
12 Voters With Altered "Unique" State Voter Identification Number	ALLEN	616	118,857	0.5183	66,838	0.9216
12 Voters With Altered "Unique" State Voter Identification Number	ROSS	613	118,857	0.5157	46,182	1.3274
12 Voters With Altered "Unique" State Voter Identification Number	ASHLAND	604	118,857	0.5082	34,894	1.7310
12 Voters With Altered "Unique" State Voter Identification Number	ASHTABULA	587	118,857	0.4939	61,159	0.9598
12 Voters With Altered "Unique" State Voter Identification Number	CLINTON	585	118,857	0.4922	27,491	2.1280
12 Voters With Altered "Unique" State Voter Identification Number	MUSKINGUM	574	118,857	0.4829	54,992	1.0438
12 Voters With Altered "Unique" State Voter Identification Number	TUSCARAWAS	558	118,857	0.4695	58,969	0.9463
12 Voters With Altered "Unique" State Voter Identification Number	MARION	557	118,857	0.4686	39,697	1.4031
12 Voters With Altered "Unique" State Voter Identification Number	SANDUSKY	547	118,857	0.4602	40,074	1.3650
12 Voters With Altered "Unique" State Voter Identification Number	HURON	541	118,857	0.4552	36,715	1.4735
12 Voters With Altered "Unique" State Voter Identification Number	BROWN	525	118,857	0.4417	29,110	1.8035
12 Voters With Altered "Unique" State Voter Identification Number	AUGLAIZE	483	118,857	0.4064	32,419	1.4899
12 Voters With Altered "Unique" State Voter Identification Number	PREBLE	475	118,857	0.3996	28,657	1.6575
12 Voters With Altered "Unique" State Voter Identification Number	CRAWFORD	449	118,857	0.3778	28,126	1.5964
12 Voters With Altered "Unique" State Voter Identification Number	SENECA	434	118,857	0.3651	34,569	1.2555
12 Voters With Altered "Unique" State Voter Identification Number	HIGHLAND	418	118,857	0.3517	27,406	1.5252
12 Voters With Altered "Unique" State Voter Identification Number	FULTON	417	118,857	0.3508	29,516	1.4128
12 Voters With Altered "Unique" State Voter Identification Number	SHELBY	412	118,857	0.3466	32,733	1.2587
12 Voters With Altered "Unique" State Voter Identification Number	PERRY	410	118,857	0.3450	22,715	1.8050
12 Voters With Altered "Unique" State Voter Identification Number	DARKE	398	118,857	0.3349	34,526	1.1528
12 Voters With Altered "Unique" State Voter Identification Number	GUERNSEY	359	118,857	0.3020	24,469	1.4672
12 Voters With Altered "Unique" State Voter Identification Number	HOCKING	331	118,857	0.2785	18,455	1.7936
12 Voters With Altered "Unique" State Voter Identification Number	CARROLL	303	118,857	0.2549	18,384	1.6482
12 Voters With Altered "Unique" State Voter Identification Number	MERCER	299	118,857	0.2516	29,661	1.0081
12 Voters With Altered "Unique" State Voter Identification Number	FAYETTE	286	118,857	0.2406	17,033	1.6791
12 Voters With Altered "Unique" State Voter Identification Number	COSHOCTON	273	118,857	0.2297	22,439	1.2166
12 Voters With Altered "Unique" State Voter Identification Number	SCIOTO	268	118,857	0.2255	45,433	0.5899
12 Voters With Altered "Unique" State Voter Identification Number	DEFIANCE	266	118,857	0.2238	26,448	1.0057
12 Voters With Altered "Unique" State Voter Identification Number	WASHINGTON	264	118,857	0.2221	42,609	0.6196
12 Voters With Altered "Unique" State Voter Identification Number	HARDIN	255	118,857	0.2145	17,883	1.4259
12 Voters With Altered "Unique" State Voter Identification Number	JACKSON	251	118,857	0.2112	20,760	1.2091
12 Voters With Altered "Unique" State Voter Identification Number	PIKE	248	118,857	0.2087	17,873	1.3876
12 Voters With Altered "Unique" State Voter Identification Number	ADAMS	244	118,857	0.2053	17,361	1.4054
12 Voters With Altered "Unique" State Voter Identification Number	JEFFERSON	238	118,857	0.2002	46,895	0.5075
12 Voters With Altered "Unique" State Voter Identification Number	HENRY	235	118,857	0.1977	19,794	1.1872
12 Voters With Altered "Unique" State Voter Identification Number	BELMONT	234	118,857	0.1969	44,900	0.5212
12 Voters With Altered "Unique" State Voter Identification Number	WYANDOT	209	118,857	0.1758	15,094	1.3847
12 Voters With Altered "Unique" State Voter Identification Number	PUTNAM	205	118,857	0.1725	23,724	0.8641

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
12 Voters With Altered "Unique" State Voter Identification Number	HOLMES	194	118,857	0.1632	18,085	1.0727
12 Voters With Altered "Unique" State Voter Identification Number	WILLIAMS	187	118,857	0.1573	25,235	0.7410
12 Voters With Altered "Unique" State Voter Identification Number	VAN WERT	174	118,857	0.1464	20,263	0.8587
12 Voters With Altered "Unique" State Voter Identification Number	GALLIA	171	118,857	0.1439	18,953	0.9022
12 Voters With Altered "Unique" State Voter Identification Number	MORGAN	145	118,857	0.1220	9,249	1.5677
12 Voters With Altered "Unique" State Voter Identification Number	MEIGS	141	118,857	0.1186	14,978	0.9414
12 Voters With Altered "Unique" State Voter Identification Number	LAWRENCE	134	118,857	0.1127	42,688	0.3139
12 Voters With Altered "Unique" State Voter Identification Number	VINTON	131	118,857	0.1102	8,528	1.5361
12 Voters With Altered "Unique" State Voter Identification Number	HARRISON	122	118,857	0.1026	10,067	1.2119
12 Voters With Altered "Unique" State Voter Identification Number	NOBLE	112	118,857	0.0942	8,062	1.3892
12 Voters With Altered "Unique" State Voter Identification Number	PAULDING	97	118,857	0.0816	12,719	0.7626
12 Voters With Altered "Unique" State Voter Identification Number	MONROE	74	118,857	0.0623	9,286	0.7969

Scorecard Label	County	CountyQuantity	StateQuantity	IssuePercentage	CountyRegCount	VoterPercentage
Total Voting Violations	FRANKLIN	208,704	713,296	29.2591	887,503	23.5159
Total Voting Violations	CUYAHOGA	142,702	713,296	20.0060	883,738	16.1475
Total Voting Violations	FAIRFIELD	33,222	713,296	4.6575	110,825	29.9770
Total Voting Violations	HAMILTON	23,254	713,296	3.2601	596,974	3.8953
Total Voting Violations	RICHLAND	22,594	713,296	3.1675	81,628	27.6792
Total Voting Violations	WAYNE	19,505	713,296	2.7345	73,800	26.4295
Total Voting Violations	SUMMIT	17,353	713,296	2.4328	372,247	4.6617
Total Voting Violations	MONTGOMERY	15,198	713,296	2.1307	367,792	4.1322
Total Voting Violations	BUTLER	14,556	713,296	2.0407	257,294	5.6573
Total Voting Violations	STARK	14,064	713,296	1.9717	249,976	5.6261
Total Voting Violations	DELAWARE	13,431	713,296	1.8829	157,924	8.5047
Total Voting Violations	WARREN	11,752	713,296	1.6476	172,907	6.7967
Total Voting Violations	CLERMONT	10,527	713,296	1.4758	146,506	7.1854
Total Voting Violations	LORAIN	9,038	713,296	1.2671	219,910	4.1099
Total Voting Violations	LAKE	8,271	713,296	1.1595	162,766	5.0815
Total Voting Violations	GREENE	7,887	713,296	1.1057	120,030	6.5709
Total Voting Violations	TRUMBULL	7,868	713,296	1.1030	137,185	5.7353
Total Voting Violations	MAHONING	7,082	713,296	0.9929	163,328	4.3361
Total Voting Violations	LICKING	6,908	713,296	0.9685	125,743	5.4937
Total Voting Violations	WOOD	6,540	713,296	0.9169	93,411	7.0013
Total Voting Violations	MEDINA	6,386	713,296	0.8953	132,236	4.8292
Total Voting Violations	LUCAS	6,359	713,296	0.8915	295,936	2.1488
Total Voting Violations	PORTAGE	5,623	713,296	0.7883	108,635	5.1760
Total Voting Violations	GEAUGA	5,179	713,296	0.7261	68,164	7.5979
Total Voting Violations	MIAMI	5,141	713,296	0.7207	76,869	6.6880
Total Voting Violations	UNION	3,765	713,296	0.5278	44,032	8.5506
Total Voting Violations	ALLEN	3,111	713,296	0.4361	66,838	4.6545
Total Voting Violations	COLUMBIANA	2,926	713,296	0.4102	65,684	4.4547
Total Voting Violations	CLARK	2,783	713,296	0.3902	88,606	3.1409
Total Voting Violations	ATHENS	2,710	713,296	0.3799	39,527	6.8561
Total Voting Violations	HURON	2,611	713,296	0.3660	36,715	7.1115
Total Voting Violations	HANCOCK	2,464	713,296	0.3454	51,728	4.7634

Total Voting Violations	PICKAWAY	2,367	713,296	0.3318	37,082	6.3832
Total Voting Violations	ASHTABULA	2,259	713,296	0.3167	61,159	3.6937
Total Voting Violations	ERIE	2,210	713,296	0.3098	54,290	4.0707
Total Voting Violations	KNOX	2,194	713,296	0.3076	42,447	5.1688
Total Voting Violations	MORROW	1,860	713,296	0.2608	25,292	7.3541
Total Voting Violations	MADISON	1,819	713,296	0.2550	26,194	6.9443
Total Voting Violations	OTTAWA	1,797	713,296	0.2519	30,621	5.8685
Total Voting Violations	ASHLAND	1,792	713,296	0.2512	34,894	5.1356
Total Voting Violations	DARKE	1,691	713,296	0.2371	34,526	4.8978
Total Voting Violations	SHELBY	1,660	713,296	0.2327	32,733	5.0713
Total Voting Violations	ROSS	1,631	713,296	0.2287	46,182	3.5317
Total Voting Violations	MUSKINGUM	1,620	713,296	0.2271	54,992	2.9459
Total Voting Violations	LOGAN	1,607	713,296	0.2253	32,259	4.9816
Total Voting Violations	HIGHLAND	1,555	713,296	0.2180	27,406	5.6739
Total Voting Violations	SANDUSKY	1,551	713,296	0.2174	40,074	3.8703
Total Voting Violations	TUSCARAWAS	1,522	713,296	0.2134	58,969	2.5810
Total Voting Violations	MERCER	1,507	713,296	0.2113	29,661	5.0807
Total Voting Violations	SCIOTO	1,465	713,296	0.2054	45,433	3.2245
Total Voting Violations	MARION	1,437	713,296	0.2015	39,697	3.6199
Total Voting Violations	CLINTON	1,400	713,296	0.1963	27,491	5.0926
Total Voting Violations	CHAMPAIGN	1,320	713,296	0.1851	26,585	4.9652
Total Voting Violations	BELMONT	1,298	713,296	0.1820	44,900	2.8909
Total Voting Violations	BROWN	1,229	713,296	0.1723	29,110	4.2219
Total Voting Violations	AUGLAIZE	1,217	713,296	0.1706	32,419	3.7540
Total Voting Violations	SENECA	1,217	713,296	0.1706	34,569	3.5205
Total Voting Violations	WASHINGTON	1,204	713,296	0.1688	42,609	2.8257
Total Voting Violations	ADAMS	1,185	713,296	0.1661	17,361	6.8256
Total Voting Violations	JEFFERSON	1,172	713,296	0.1643	46,895	2.4992
Total Voting Violations	CRAWFORD	1,142	713,296	0.1601	28,126	4.0603
Total Voting Violations	FULTON	1,088	713,296	0.1525	29,516	3.6861
Total Voting Violations	HENRY	1,071	713,296	0.1501	19,794	5.4107
Total Voting Violations	PREBLE	1,067	713,296	0.1496	28,657	3.7233
Total Voting Violations	DEFIANCE	1,024	713,296	0.1436	26,448	3.8717

Total Voting Violations	COSHOCTON	962	713,296	0.1349	22,439	4.2872
Total Voting Violations	PERRY	941	713,296	0.1319	22,715	4.1426
Total Voting Violations	GUERNSEY	880	713,296	0.1234	24,469	3.5964
Total Voting Violations	PIKE	839	713,296	0.1176	17,873	4.6942
Total Voting Violations	CARROLL	822	713,296	0.1152	18,384	4.4713
Total Voting Violations	JACKSON	726	713,296	0.1018	20,760	3.4971
Total Voting Violations	FAYETTE	719	713,296	0.1008	17,033	4.2212
Total Voting Violations	WILLIAMS	702	713,296	0.0984	25,235	2.7819
Total Voting Violations	WYANDOT	698	713,296	0.0979	15,094	4.6244
Total Voting Violations	HOCKING	687	713,296	0.0963	18,455	3.7226
Total Voting Violations	PUTNAM	682	713,296	0.0956	23,724	2.8747
Total Voting Violations	HARDIN	672	713,296	0.0942	17,883	3.7578
Total Voting Violations	LAWRENCE	624	713,296	0.0875	42,688	1.4618
Total Voting Violations	VAN WERT	569	713,296	0.0798	20,263	2.8081
Total Voting Violations	HOLMES	506	713,296	0.0709	18,085	2.7979
Total Voting Violations	GALLIA	426	713,296	0.0597	18,953	2.2477
Total Voting Violations	MEIGS	393	713,296	0.0551	14,978	2.6238
Total Voting Violations	PAULDING	383	713,296	0.0537	12,719	3.0112
Total Voting Violations	MORGAN	356	713,296	0.0499	9,249	3.8491
Total Voting Violations	VINTON	326	713,296	0.0457	8,528	3.8227
Total Voting Violations	HARRISON	286	713,296	0.0401	10,067	2.8410
Total Voting Violations	NOBLE	229	713,296	0.0321	8,062	2.8405
Total Voting Violations	MONROE	176	713,296	0.0247	9,286	1.8953