



August 2022 Post-Election Audit Summary

Purpose

Election audits are conducted to ensure that election voting tabulators are operating accurately and complying with regulations or internal policies, and to promote voter confidence in the election administration process. ([United States Election Assistance Commission](#))

Process

Timeline

According to Ohio Secretary of State [Directive 2022-15](#), if a recount is conducted, the post-election audit shall begin immediately after the board certifies the results of the recount. When the Board of Elections certified the results of the August 2, 2022 Primary Election on August 23, 2022, it was determined that no recount was required. The post-election audit began on Tuesday, August 30, 2022, with the random selection of ballots to be audited. The counting then began on Thursday, September 1, 2022, and the audit results were certified on Monday, September 12, 2022.

Preparations for the Post-Election Audit

The official canvass of the election included 21,368 ballots. To meet the five percent requirement at least 1,068 ballots had to be included in the audit.

The Ohio Secretary of State ordered the Ohio Boards of Elections to audit three contested countywide races. The Board selected the State Central Committee Democratic – Man 4th District, the State Central Committee Republican – Woman 4th District and the State House Representative 46th House District Republican because the races appear on ballots across the majority of the county. During the board meeting on August 23, 2022, it was determined that the audit would be conducted by tabulator. This means the audit will be conducted by counting the votes on individual voting machines. There are five methods a voter in Butler County can cast their ballot,

- in-person at the polls on an electronic voting machine
- in-person at the polls on a paper ballot
- in-person early at the Board of Elections
- by mail
- casting a provisional ballot

Ballots from all five voting methods were included in the audit selection to ensure the election results are correct on different types of tabulators.

The Members of the Board alternated turns randomly pulling tickets from a bin to select tabulators to include in the audit. As each ticket was pulled, the ticket number was entered into a spreadsheet to calculate the total ballots selected. When the 33rd ticket was pulled, 1,073 ballots had been selected which accounted for 5.02% of the total votes cast in the election.

August 2, 2022 Primary Election Audit		21,368 Total Ballots Cast	
Batch Selection		1,068 5% of Ballots Cast	

Progress Indication	Batches Selected	Ballots Selected	Percent of Total Ballots
Enough batches have been selected	33	1,073	5.02%

Draw Number	Tabulator Name	Tabulator	Batch	Ballots Cast	Percent of all votes
2096	PROV ICC 1	2040	1 - 93	134	0.63%
1046	P@P ICC 3	3000	1 - 10	59	0.28%
1043	ABSNTTEE 7	1286	1	381	1.78%
1034	ABS ICC 3	2020	710 - 738	53	0.25%
1836	OHIO MEANS JOBS BUTLER COUNTY-ICX 9	977	1	3	0.01%
1361	FAIRFIELD SENIOR HIGH SCHOOL-ICX 4	368	1	5	0.02%
1064	ADENA ELEMENTARY SCHOOL-ICX 19	28	1	6	0.03%
1485	HIGHLAND ELEMENTARY SCHOOL-ICX 3	535	1	9	0.04%
1998	VANGORDEN ELEM SCHOOL-ICX 23	1173	1	26	0.12%
1763	MONROE LOCAL SCHOOLS-ICX 13	908	1	5	0.02%
1991	VANGORDEN ELEM SCHOOL-ICX 17	1167	1	5	0.02%
1782	MORGAN TOWNSHIP ADMINISTRATION-ICX 3	921	1	48	0.22%
1769	MONROE LOCAL SCHOOLS-ICX 19	914	1	14	0.07%
1018	ABS ICC 3	2020	372 - 389	52	0.24%
1501	HIGHVIEW 6TH GRADE CENTER-ICX 7	551	1	3	0.01%
1676	MAYFIELD ELEMENTARY SCHOOL-ICX 1	775	1	24	0.11%
1385	FAIRFIELD WEST ELEM SCHOOL-ICX 18	416	1	1	0.00%
1886	ROSA PARKS ELEMENTARY SCHOOL-ICX 10	1052	1	15	0.07%
1482	HIGHLAND ELEMENTARY SCHOOL-ICX 11	543	1	2	0.01%
1592	LAKOTA PLAINS JUNIOR SCHOOL-ICX 14	679	1	5	0.02%
1707	MIAMI UNIVERSITY MIDD - VERITY LODGE-ICX 4	831	1	5	0.02%
1309	FAIRFIELD FIRE DEPT - STATION 2-ICX 1	315	1	2	0.01%
1080	AMANDA ELEMENTARY SCHOOL-ICX 5	34	1	6	0.03%
1554	KRAMER ELEMENTARY SCHOOL-ICX 2	613	1	14	0.07%
1247	EDGEWOOD MIDDLE SCHOOL-ICX 1	230	1	24	0.11%
1421	GARFIELD MIDDLE SCHOOL-ICX 11	457	1	18	0.08%
1354	FAIRFIELD SENIOR HIGH SCHOOL-ICX 1	365	1	27	0.13%
1786	MORGAN TOWNSHIP ADMINISTRATION-ICX 7	925	1	81	0.38%
2081	WILSON MIDDLE SCHOOL-ICX 5	1257	1	17	0.08%
1058	ADENA ELEMENTARY SCHOOL-ICX 11	20	1	2	0.01%
1395	FIRST BAPTIST CHURCH-ICX 10	426	1	4	0.02%
1467	HANOVER TWP COMMUNITY CENTER-ICX 3	516	1	17	0.08%
1392	FAIRFIELD WEST ELEM SCHOOL-ICX 8	406	1	6	0.03%
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After the audit criteria was selected, election officials began to collect all of the paper ballots from the selected tabulators to be hand counted.



Conducting the Hand Count

Teams of election officials composed of a member of each of the major political parties counted the votes of the selected tabulators. Teams slowly review either the paper ballots or the Voter Verified Paper Audit Trail (VVPAT) and marked each vote on a tally sheet. When the count was complete for each tabulator, the ballots were returned to the appropriate storage area and the tally sheet was given to a separate team for entry into an audit spreadsheet to compare the results of the official canvass to the hand count.

Results

The results of both the official canvass and the audit (hand count) are listed in the tables below.

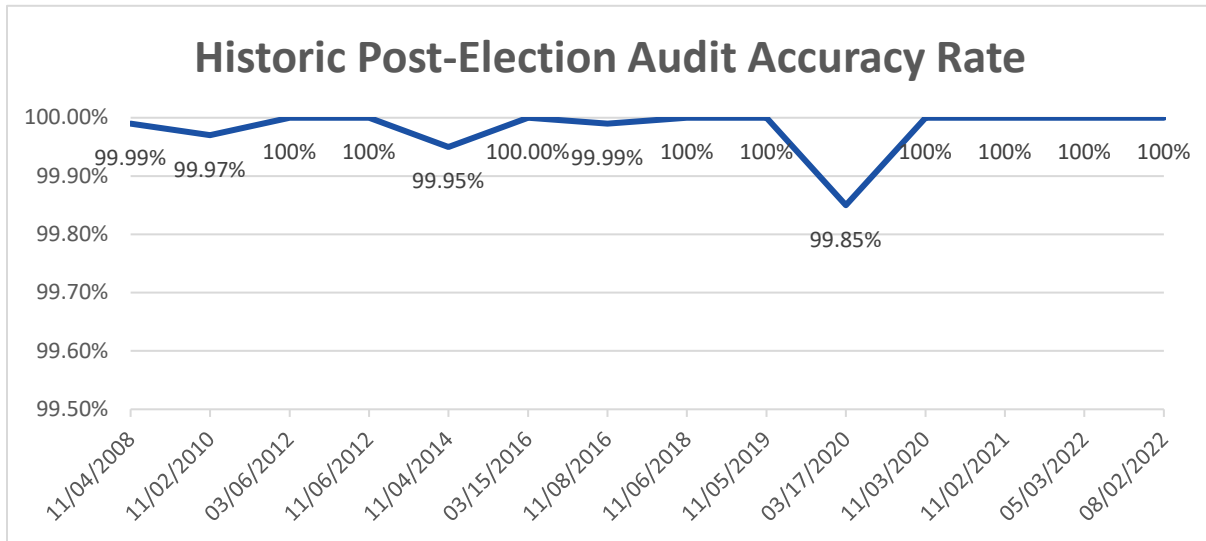
State Central Committee Democratic – Man 4th District				
Candidate Name	Official Certification Vote Total	Audit (Hand Count) Vote Total	Difference	Explanation of difference
Brian R. Hester	111	111	0	
Mark N. Hardig	88	88	0	
Over-voted contest	0	0	0	
Under-voted Contest	21	21	0	
Total Votes	220	220	0	

State Central Committee Republican – Woman 4th District				
Candidate Name	Official Certification Vote Total	Audit (Hand Count) Vote Total	Difference	Explanation of difference
Patti Alderson	411	411	0	
Marilyn K. Tunnat	260	260	0	
Over-voted contest	0	0	0	
Under-voted Contest	166	166	0	
Total Votes	837	837	0	

State House Rep. 46 th District - Republican				
Response	Official Certification Vote Total	Audit (Hand Count) Vote Total	Difference	Explanation of difference
Thomas Hall	143	143	0	
Matt King	107	107	0	
Over-voted contest	0	0	0	
Under-voted Contest	1	1	0	
Total Votes	251	251	0	

Historical Results

Below is a graph providing the accuracy rate of each post-election audit conducted in Butler County beginning with the November 4, 2008 Presidential General Election.



Conclusion

Election Officials completed the post-election audit of the August 2, 2022 Primary Election and found no discrepancies in the data from the official canvass to the hand count. The results of the audit show the accuracy rate to be 100%.