

Chesterfield 2018 Statewide Primary Runoff Audit Report

Chesterfield Ballot Audit Report  
 Election: 2018 Statewide Primary Runoff  
 Audit Date: 11:18:09, Thu Jun 28, 2018

Prec Nber	Precinct Name	EL30A					Audit				Comments		
		Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Opt		Man	Delta
0001	Angelus Catarrh	55	0	0	0	0	55	0	55	0	0	0	
0002	Bay Springs	37	0	0	0	0	37	0	37	0	0	0	
0003	Black Creek	19	0	0	0	0	19	0	19	0	0	0	
0004	Brocks Mill	96	0	0	0	0	96	0	96	0	0	0	
0005	Cash	131	0	0	0	0	131	0	131	0	0	0	
0006	Center Grove - Wino	55	0	0	0	0	55	0	55	0	0	0	
0007	Cheraw No 1	90	0	0	0	0	90	0	90	0	0	0	
0008	Cheraw No 2	65	0	0	0	0	65	0	65	0	0	0	
0009	Cheraw No. 3	114	0	0	0	0	114	0	114	0	0	0	
0010	Cheraw No. 4	84	0	0	0	0	84	0	84	0	0	0	
0011	Courthouse	110	0	0	0	0	110	0	110	0	0	0	
0012	Dudley-mangum	40	0	0	0	0	40	0	40	0	0	0	
0013	Grants Mill	125	0	0	0	0	125	0	125	0	0	0	
0014	Jefferson	111	0	0	0	0	111	0	111	0	0	0	
0015	Mc Bee	169	0	0	0	0	169	0	169	0	0	0	
0016	Middendorf	68	0	0	0	0	68	0	68	0	0	0	
0017	Mt Croghan	31	0	0	0	0	31	0	31	0	0	0	
0018	Ousleydale	66	0	0	0	0	66	0	66	0	0	0	
0019	Pageland No 1	101	0	0	0	0	101	0	101	0	0	0	
0020	Pageland No 2	68	0	0	0	0	68	0	68	0	0	0	
0021	Patrick	48	0	0	0	0	48	0	48	0	0	0	
0022	Pee Dee	26	0	0	0	0	26	0	26	0	0	0	
0023	Ruby	37	0	0	0	0	37	0	37	0	0	0	
0024	Shiloh	55	0	0	0	0	55	0	55	0	0	0	
0025	Snow Hill -Vaughn	25	0	0	0	0	25	0	25	0	0	0	
Precincts Total :		1826	0	0	0	0	1826	0	1826	0	0	0	
0750	Absentee	91	0	0	0	29	62	0	62	0	29	0	
0800	Emergency	0	0	0	0	0	0	0	0	0	0	0	
0850	Failsafe	0	0	0	0	0	0	0	0	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	0	0	0	
0950	Failsafe Provisional	2	0	0	0	2	0	0	0	2	0	0	
Virtual Precincts Total :		93	0	0	0	31	62	0	62	2	29	0	
Grand Total :		1919	0	0	0	31	1888	0	1888	2	29	0	

NOTE: Any manual entries shown on this report are supported by the Manual Entry Log (EL68).

Auditor's Comments:

Total number of iVotronic ballots cast containing no votes: 18

The following precincts have no ballots cast in them: Emergency, Failsafe, Provisional

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Exception: Manual Entries found

Manual Entry Details:

Precinct	Candidate	Date	Hour	Min	Group	Old	New	Change	Tabulator	Comments
0750 Absentee	BALLOTS CAST - TOTAL	06-26	21	02pm	4	0	29	29	M100	Updated Successfully
0950 Absentee	BALLOTS CAST - TOTAL	06-28	10	49am	4	0	2	2	M100	Already Updated

#####  
 # This audit has exceptions. #  
 #####

Auditor's Note: Primary optical ballots were used and manual entries made.

Status of ERM Reports  
 EL30A is marked Official  
 EL45A is marked Official

EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots.

EL30A iVo Ballots	EL155 Ballots	EL152 Ballots
1888	1888	1888
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	1885
	Cast By Poll Wkr	3
	Blank Cast by PW	0
	Cancelled Ballots	15
	Wrong Ballot	4
	Voter Left AB	0
	Voter Left BB	1
	Voter Request	5
	Printer Problem	0
	Terminal Problem	2
	Other Reason	3

(AB = After ballot selected by poll worker.)  
 (BB = Before ballot selected by poll worker.)

Number of audio (ADA) events in this election: 0

How to read this report.

This is the ballot level report. It compares the number of ballots cast in the tabulation report, the EL30A with the number of ballots cast in the audit data.

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The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precinct line values.

The Opt totals are the total number of ballots cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into two master audit files, the EL155 Vote image log and the EL152 iVotronic event log. The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of asterisks in a precinct we get the number of ballots cast in that precinct. That number should always match the number in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total does not match the EL30A Total value, the auditor is prompted to read the paper report from the optical scanner and enter the total ballots cast into the auditing program.

If the sum of the audit iVotronic and Optical ballots cast still do not match the EL30A total value, then the audit software reads the EL68 Manual Entry log for any changes made in that precinct to either the iVo or Opt totals by the CEC staff. It displays any manual entries to the auditor for inclusion into the totals. If accepted by the auditor these entries are automatically added to the Man column from the Manual Entry log.

Finally, the audit software calculates the Delta value which should be zero unless the sum of the iVo, the Opt and the Man do not match the EL30A Total column. If the Delta is greater than zero then audit data is missing. A comment will be placed on that line in the report indicating missing audit data. If the Delta value is less than zero then there are more ballots in the audit data than there are in the tabulated data and a comment will be placed on that line in the report.

Wherever possible, the audit system will attempt to indicate where the difference is by displaying the iVotronic machine numbers and the number of ballots cast on that machine that exist in the audit data. In the case of missing tabulated data, it might be possible to identify a machine that has the same number of ballots cast as the delta value and that number and ballot count will be highlighted with a < sign. If there is a non zero Delta value there will be an entry by the auditor explaining the variance.

Finally, there is a EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots table in the report. This table should indicate that the number ballots cast in the EL30A match the numbers in the EL155 and the EL152 report. Then there are some statistics pulled from the EL152 report that indicate how many ballots were cast by the voter and the number cast by the poll worker. Lastly the number of ballots that

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were cancelled and the reason they were cancelled. It should be noted that the reason cancelled is chosen from a pull down menu presented to the poll worker when a ballot is cancelled, there is no way to validate the poll worker's choice.

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 Chesterfield Vote Level Audit Report  
 Election: 2018 Statewide Primary Runoff  
 Audit Date: 11:20:27, Thu Jun 28, 2018

Precinct Number / Name Office	Candidate	Party	-----EL30A-----						-----Audit-----		Comments
			Total	DS850	M650	DS200	M100	iVo	Flash	iVo	
0001 Angelus Catarrh #####											
DEM - U. S. House of Reprs Dist. 7	Mal Hyman		20	0	0	0	0	20	0	20	0
DEM - U. S. House of Reprs Dist. 7	Robert Williams		3	0	0	0	0	3	0	3	0
REP - Governor	Henry McMaster		23	0	0	0	0	23	0	23	0
REP - Governor	John Warren		8	0	0	0	0	8	0	8	0
REP - Attorney General	Todd Atwater		15	0	0	0	0	15	0	15	0
REP - Attorney General	Alan Wilson		14	0	0	0	0	14	0	14	0
0002 Bay Springs #####											
DEM - U. S. House of Reprs Dist. 7 expected.	Mal Hyman		0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
DEM - U. S. House of Reprs Dist. 7	Robert Williams		2	0	0	0	0	2	0	2	0
REP - Governor	Henry McMaster		23	0	0	0	0	23	0	23	0
REP - Governor	John Warren		12	0	0	0	0	12	0	12	0
REP - Attorney General	Todd Atwater		21	0	0	0	0	21	0	21	0
REP - Attorney General	Alan Wilson		14	0	0	0	0	14	0	14	0
0003 Black Creek #####											
DEM - U. S. House of Reprs Dist. 7	Mal Hyman		8	0	0	0	0	8	0	8	0
DEM - U. S. House of Reprs Dist. 7 expected.	Robert Williams		0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
REP - Governor	Henry McMaster		9	0	0	0	0	9	0	9	0
REP - Governor	John Warren		2	0	0	0	0	2	0	2	0
REP - Attorney General	Todd Atwater		5	0	0	0	0	5	0	5	0
REP - Attorney General	Alan Wilson		5	0	0	0	0	5	0	5	0
0004 Brocks Mill #####											
DEM - U. S. House of Reprs Dist. 7	Mal Hyman		34	0	0	0	0	34	0	34	0
DEM - U. S. House of Reprs Dist. 7	Robert Williams		33	0	0	0	0	33	0	33	0
REP - Governor	Henry McMaster		22	0	0	0	0	22	0	22	0
REP - Governor	John Warren		6	0	0	0	0	6	0	6	0
REP - Attorney General	Todd Atwater		9	0	0	0	0	9	0	9	0
REP - Attorney General	Alan Wilson		15	0	0	0	0	15	0	15	0

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0005 Cash #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	55	0	0	0	0	55	0	55	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	46	0	0	0	0	46	0	46	0	
REP - Governor	Henry McMaster	28	0	0	0	0	28	0	28	0	
REP - Governor	John Warren	1	0	0	0	0	1	0	1	0	
REP - Attorney General	Todd Atwater	12	0	0	0	0	12	0	12	0	
REP - Attorney General	Alan Wilson	16	0	0	0	0	16	0	16	0	
0006 Center Grove - Winzo #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	10	0	0	0	0	10	0	10	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	21	0	0	0	0	21	0	21	0	
REP - Governor	Henry McMaster	17	0	0	0	0	17	0	17	0	
REP - Governor	John Warren	5	0	0	0	0	5	0	5	0	
REP - Attorney General	Todd Atwater	12	0	0	0	0	12	0	12	0	
REP - Attorney General	Alan Wilson	10	0	0	0	0	10	0	10	0	
0007 Cheraw No 1 #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	28	0	0	0	0	28	0	28	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	9	0	0	0	0	9	0	9	0	
REP - Governor	Henry McMaster	36	0	0	0	0	36	0	36	0	
REP - Governor	John Warren	15	0	0	0	0	15	0	15	0	
REP - Attorney General	Todd Atwater	16	0	0	0	0	16	0	16	0	
REP - Attorney General	Alan Wilson	31	0	0	0	0	31	0	31	0	
0008 Cheraw No 2 #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	22	0	0	0	0	22	0	22	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	26	0	0	0	0	26	0	26	0	
REP - Governor	Henry McMaster	12	0	0	0	0	12	0	12	0	
REP - Governor	John Warren	3	0	0	0	0	3	0	3	0	
REP - Attorney General	Todd Atwater	6	0	0	0	0	6	0	6	0	
REP - Attorney General	Alan Wilson	8	0	0	0	0	8	0	8	0	
0009 Cheraw No. 3 #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	33	0	0	0	0	33	0	33	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	50	0	0	0	0	50	0	50	0	
REP - Governor	Henry McMaster	26	0	0	0	0	26	0	26	0	
REP - Governor	John Warren	4	0	0	0	0	4	0	4	0	
REP - Attorney General	Todd Atwater	12	0	0	0	0	12	0	12	0	
REP - Attorney General	Alan Wilson	18	0	0	0	0	18	0	18	0	
0010 Cheraw No. 4 #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	25	0	0	0	0	25	0	25	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	25	0	0	0	0	25	0	25	0	
REP - Governor	Henry McMaster	27	0	0	0	0	27	0	27	0	
REP - Governor	John Warren	6	0	0	0	0	6	0	6	0	
REP - Attorney General	Todd Atwater	13	0	0	0	0	13	0	13	0	
REP - Attorney General	Alan Wilson	19	0	0	0	0	19	0	19	0	

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0011	Courthouse #####											
DEM - U. S. House of Reprs Dist. 7	Mal Hyman	35	0	0	0	0	35	0	35	0		
DEM - U. S. House of Reprs Dist. 7	Robert Williams	18	0	0	0	0	18	0	18	0		
REP - Governor	Henry McMaster	47	0	0	0	0	47	0	47	0		
REP - Governor	John Warren	10	0	0	0	0	10	0	10	0		
REP - Attorney General	Todd Atwater	26	0	0	0	0	26	0	26	0		
REP - Attorney General	Alan Wilson	26	0	0	0	0	26	0	26	0		
0012	Dudley-mangum #####											
DEM - U. S. House of Reprs Dist. 7	Mal Hyman	1	0	0	0	0	1	0	1	0		
DEM - U. S. House of Reprs Dist. 7	Robert Williams	4	0	0	0	0	4	0	4	0		
REP - Governor	Henry McMaster	29	0	0	0	0	29	0	29	0		
REP - Governor	John Warren	6	0	0	0	0	6	0	6	0		
REP - Attorney General	Todd Atwater	23	0	0	0	0	23	0	23	0		
REP - Attorney General	Alan Wilson	10	0	0	0	0	10	0	10	0		
0013	Grants Mill #####											
DEM - U. S. House of Reprs Dist. 7	Mal Hyman	46	0	0	0	0	46	0	46	0		
DEM - U. S. House of Reprs Dist. 7	Robert Williams	17	0	0	0	0	17	0	17	0		
REP - Governor	Henry McMaster	47	0	0	0	0	47	0	47	0		
REP - Governor	John Warren	14	0	0	0	0	14	0	14	0		
REP - Attorney General	Todd Atwater	28	0	0	0	0	28	0	28	0		
REP - Attorney General	Alan Wilson	31	0	0	0	0	31	0	31	0		
0014	Jefferson #####											
DEM - U. S. House of Reprs Dist. 7	Mal Hyman	31	0	0	0	0	31	0	31	0		
DEM - U. S. House of Reprs Dist. 7	Robert Williams	18	0	0	0	0	18	0	18	0		
REP - Governor	Henry McMaster	56	0	0	0	0	56	0	56	0		
REP - Governor	John Warren	4	0	0	0	0	4	0	4	0		
REP - Attorney General	Todd Atwater	27	0	0	0	0	27	0	27	0		
REP - Attorney General	Alan Wilson	31	0	0	0	0	31	0	31	0		
0015	Mc Bee #####											
DEM - U. S. House of Reprs Dist. 7	Mal Hyman	22	0	0	0	0	22	0	22	0		
DEM - U. S. House of Reprs Dist. 7	Robert Williams	47	0	0	0	0	47	0	47	0		
REP - Governor	Henry McMaster	75	0	0	0	0	75	0	75	0		
REP - Governor	John Warren	23	0	0	0	0	23	0	23	0		
REP - Attorney General	Todd Atwater	45	0	0	0	0	45	0	45	0		
REP - Attorney General	Alan Wilson	49	0	0	0	0	49	0	49	0		
0016	Middendorf #####											
DEM - U. S. House of Reprs Dist. 7	Mal Hyman	1	0	0	0	0	1	0	1	0		
DEM - U. S. House of Reprs Dist. 7	Robert Williams	2	0	0	0	0	2	0	2	0		
REP - Governor	Henry McMaster	49	0	0	0	0	49	0	49	0		
REP - Governor	John Warren	15	0	0	0	0	15	0	15	0		
REP - Attorney General	Todd Atwater	36	0	0	0	0	36	0	36	0		
REP - Attorney General	Alan Wilson	27	0	0	0	0	27	0	27	0		

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0017 Mt Croghan #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	9	0	0	0	0	9	0	9	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	1	0	0	0	0	1	0	1	0	
REP - Governor	Henry McMaster	14	0	0	0	0	14	0	14	0	
REP - Governor	John Warren	7	0	0	0	0	7	0	7	0	
REP - Attorney General	Todd Atwater	14	0	0	0	0	14	0	14	0	
REP - Attorney General	Alan Wilson	7	0	0	0	0	7	0	7	0	
0018 Ousleydale #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	15	0	0	0	0	15	0	15	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	2	0	0	0	0	2	0	2	0	
REP - Governor	Henry McMaster	42	0	0	0	0	42	0	42	0	
REP - Governor	John Warren	7	0	0	0	0	7	0	7	0	
REP - Attorney General	Todd Atwater	24	0	0	0	0	24	0	24	0	
REP - Attorney General	Alan Wilson	22	0	0	0	0	22	0	22	0	
0019 Pagel and No 1 #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	7	0	0	0	0	7	0	7	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	38	0	0	0	0	38	0	38	0	
REP - Governor	Henry McMaster	43	0	0	0	0	43	0	43	0	
REP - Governor	John Warren	13	0	0	0	0	13	0	13	0	
REP - Attorney General	Todd Atwater	27	0	0	0	0	27	0	27	0	
REP - Attorney General	Alan Wilson	24	0	0	0	0	24	0	24	0	
0020 Pagel and No 2 #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	13	0	0	0	0	13	0	13	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	8	0	0	0	0	8	0	8	0	
REP - Governor	Henry McMaster	36	0	0	0	0	36	0	36	0	
REP - Governor	John Warren	10	0	0	0	0	10	0	10	0	
REP - Attorney General	Todd Atwater	16	0	0	0	0	16	0	16	0	
REP - Attorney General	Alan Wilson	26	0	0	0	0	26	0	26	0	
0021 Patrick #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	10	0	0	0	0	10	0	10	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	17	0	0	0	0	17	0	17	0	
REP - Governor	Henry McMaster	13	0	0	0	0	13	0	13	0	
REP - Governor	John Warren	7	0	0	0	0	7	0	7	0	
REP - Attorney General	Todd Atwater	8	0	0	0	0	8	0	8	0	
REP - Attorney General	Alan Wilson	10	0	0	0	0	10	0	10	0	
0022 Pee Dee #####											
DEM - U. S. House of Reps Dist. 7	Mal Hyman	3	0	0	0	0	3	0	3	0	
DEM - U. S. House of Reps Dist. 7	Robert Williams	1	0	0	0	0	1	0	1	0	
REP - Governor	Henry McMaster	16	0	0	0	0	16	0	16	0	
REP - Governor	John Warren	6	0	0	0	0	6	0	6	0	
REP - Attorney General	Todd Atwater	10	0	0	0	0	10	0	10	0	
REP - Attorney General	Alan Wilson	12	0	0	0	0	12	0	12	0	

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0023 Ruby #####  
 DEM - U. S. House of Reprs Dist. 7 Mal Hyman 22 0 0 0 0 22 0 22 0  
 DEM - U. S. House of Reprs Dist. 7 Robert Williams 8 0 0 0 0 8 0 8 0  
 REP - Governor Henry McMaster 6 0 0 0 0 6 0 6 0  
 REP - Governor John Warren 1 0 0 0 0 1 0 1 0  
 REP - Attorney General Todd Atwater 5 0 0 0 0 5 0 5 0  
 REP - Attorney General Alan Wilson 2 0 0 0 0 2 0 2 0

0024 Shiloh #####  
 DEM - U. S. House of Reprs Dist. 7 Mal Hyman 11 0 0 0 0 11 0 11 0  
 DEM - U. S. House of Reprs Dist. 7 Robert Williams 15 0 0 0 0 15 0 15 0  
 REP - Governor Henry McMaster 24 0 0 0 0 24 0 24 0  
 REP - Governor John Warren 5 0 0 0 0 5 0 5 0  
 REP - Attorney General Todd Atwater 12 0 0 0 0 12 0 12 0  
 REP - Attorney General Alan Wilson 17 0 0 0 0 17 0 17 0

0025 Snow Hill -Vaughn #####  
 DEM - U. S. House of Reprs Dist. 7 Mal Hyman 5 0 0 0 0 5 0 5 0  
 DEM - U. S. House of Reprs Dist. 7 Robert Williams 4 0 0 0 0 4 0 4 0  
 REP - Governor Henry McMaster 15 0 0 0 0 15 0 15 0  
 REP - Governor John Warren 1 0 0 0 0 1 0 1 0  
 REP - Attorney General Todd Atwater 10 0 0 0 0 10 0 10 0  
 REP - Attorney General Alan Wilson 4 0 0 0 0 4 0 4 0

0750 Absentee #####  
 DEM - U. S. House of Reprs Dist. 7 Mal Hyman 46 0 0 0 12 34 0 34 0  
 \*\*\*\*\* Note: A manual entry was made in this precinct. There is no audit data for a manual entry. Expect no match in Audit data messages.

DEM - U. S. House of Reprs Dist. 7 Robert Williams 18 0 0 0 10 8 0 8 0  
 REP - Governor Henry McMaster 20 0 0 0 3 17 0 17 0  
 REP - Governor John Warren 7 0 0 0 4 3 0 3 0  
 REP - Attorney General Todd Atwater 12 0 0 0 4 8 0 8 0  
 REP - Attorney General Alan Wilson 19 0 0 0 8 11 0 11 0

0800 Emergency #####  
 DEM - U. S. House of Reprs Dist. 7 Mal Hyman 0 0 0 0 0 0 0 \* No Votes Cast - No Audit Data expected.  
 DEM - U. S. House of Reprs Dist. 7 Robert Williams 0 0 0 0 0 0 0 \* No Votes Cast - No Audit Data expected.  
 REP - Governor Henry McMaster 0 0 0 0 0 0 0 \* No Votes Cast - No Audit Data expected.  
 REP - Governor John Warren 0 0 0 0 0 0 0 \* No Votes Cast - No Audit Data expected.  
 REP - Attorney General Todd Atwater 0 0 0 0 0 0 0 \* No Votes Cast - No Audit Data expected.  
 REP - Attorney General Alan Wilson 0 0 0 0 0 0 0 \* No Votes Cast - No Audit Data



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expected.

0850 Failsafe #####								
DEM - U. S. House of Reprs Dist. 7	Mal Hyman	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
DEM - U. S. House of Reprs Dist. 7	Robert Williams	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Governor	Henry McMaster	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Governor	John Warren	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Attorney General	Alan Wilson	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								

0900 Provisional #####								
DEM - U. S. House of Reprs Dist. 7	Mal Hyman	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
DEM - U. S. House of Reprs Dist. 7	Robert Williams	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Governor	Henry McMaster	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Governor	John Warren	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Attorney General	Alan Wilson	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								

0950 Failsafe Provisional #####								
DEM - U. S. House of Reprs Dist. 7	Mal Hyman	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
***** Note: A manual entry was made in this precinct. There is no audit data for a manual entry. Expect no match in Audit data messages.								

DEM - U. S. House of Reprs Dist. 7	Robert Williams	2	0	0	0	2	0	0 * Optical Ballots - No Audit
data expected.								
REP - Governor	Henry McMaster	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Governor	John Warren	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								
REP - Attorney General	Alan Wilson	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected.								

There was no unmatched audit data

## Chesterfield 2018 Statewide Primary Runoff Audit Report

How to read this report.

This is the vote level report. It compares the number of votes cast for each candidate in the tabulation report with the number of ballots cast in the audit data for each candidates in each precinct.

The tabulated values as read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. In the EL30A report all Write-in votes are added together and reported as one candidate name - Write-in. The EL30A does not report individual Write-in candidates.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into a master audit file, the EL155 Vote image log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of times a candidate name for a contest appears in a precinct we get the number of votes cast in that precinct for that candidates. That number should always match the number of votes cast for that candidate in that contest in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total votes does not match the EL30A iVo value one of two things will occur. The first is if the iVotronic tabulated is zero and the Total tabulated votes match the tabulated Optical votes the following comment is made in the Audit side of the report; All votes cast for this candidate in this precinct are optical No Audit Data for optical, or secondly, if the iVotronic total is not zero, a notation indicating which data Audit data. In the event a candidate or the combined Write-in candidates did not receive any votes in a precinct the EL30A will report a zero vote count. If there are no votes for this candidate in a precinct in the audit data, the following comment will be placed into the audit report by the auditing software; No Audit Data expected or found.

Finally the audit software will search the audit data for any votes that were not found on the EL30A report. If it finds some, it will report those vote totals by contest, candidate name and precinct. if it does not find any unmatched audit data it will report; There was no unmatched audit data

Chesterfield 2018 Statewide Primary Runoff Audit Report

Chesterfield EL30A45A Comparison Report  
 Election: 2018 Statewide Primary Runoff  
 Audit Date: 11:20:58, Thu Jun 28, 2018

EL30A				EL45A												
Office	iVo	Flash	Delta	Candidate	Party	Tot	DS850	M650	DS200	M100	iVo	Flash	Tot	DS850	M650	DS200
U. S. House of Reps Dist. 7	12	500	0	Mal Hyman		512	0	0	0	12	500	0	512	0	0	0
U. S. House of Reps Dist. 7	12	423	0	Robert Williams		435	0	0	0	12	423	0	435	0	0	0
Governor	3	752	0	Henry McMaster		755	0	0	0	3	752	0	755	0	0	0
Governor	4	194	0	John Warren		198	0	0	0	4	194	0	198	0	0	0
Attorney General	4	440	0	Todd Atwater		444	0	0	0	4	440	0	444	0	0	0
Attorney General	8	459	0	Alan Wilson		467	0	0	0	8	459	0	467	0	0	0

How to read this report.

This is EL30A EL45A Crosscheck Report. It sums each candidates vote totals in each precinct in the EL30A Precinct Detail Report and compares it to the EL45A Election Summary Report that contains the tabulated total for each candidate in the county.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

Chesterfield 2018 Statewide Primary Runoff Audit Report

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values read from the EL45A report are reported in same four categories; Total, Optical (Opt), iVotronic (iVo) and Flash as the EL30A. Like the EL30A they are parsed from the actual EL45A report. The summary candidate totals are compared against the calculated sums for each candidate from, the EL30A report. Each of the values in each line on the EL30A side must match the same value on the EL45A side and the Delta value must be zero.

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 Chesterfield PEB Use Report  
 Election: 2018 Statewide Primary Runoff  
 Audit Date: 11:18:09, Thu Jun 28, 2018

Precinct	PEBs Used	Comments
Angelus Catarrh	124638	
Bay Springs	215986	
Black Creek	231550	
Brocks Mill	212226	
Cash	108396	
Center Grove - Winzo	215952	
Cheraw No 1	232368	
Cheraw No 2	153568	
Cheraw No. 3	150608	
Cheraw No. 4	232352	
Courthouse	232376	144083
Dudley-mangum	153541	WARNING: 2 PEBs used to open/close machines.
Grants Mill	147866	
Jefferson	215963	
Mc Bee	151524	
Middendorf	232369	
Mt Croghan	241143	
Ousleydale	141837	
Pageland No 1	215867	
Pageland No 2	215931	
Patrick	232364	
Pee Dee	232356	
Ruby	241179	108396
Shiloh	155019	WARNING: 2 PEBs used to open/close machines.
Snow Hill-Vaughn	153555	
Absentee	145473	

26 precincts processed

Chesterfield 2018 Statewide Primary Runoff Audit Report

The following precinct(s) have no ballots cast in them: Emergency, Failsafe, Provisional  
 Note: if there are no ballots cast in a precinct the machines in that precinct cannot be identified so these precinct(s) will not appear in this report.

How to read this report.

This is the PEB Used report. It lists the precincts found in the Audit data and lists all the PEBs that were used by the poll workers to open and close the iVotronic machines in that precinct.

If more than one PEB is used to open and close all the iVotronic machines in a precinct, then the County Election Commission must read ALL the PEBs used in that precinct to assure that they have collected all the ballots from that precinct. A county whose report shows a precinct that has machines open or closed by more than one PEB should double check the Ballot Audit Report against the iVotronic paper tapes and the Poll Book to make sure that all the ballots have been collected and tabulated.

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 Chesterfield PEB Exceptions Report  
 Election: 2018 Statewide Primary Runoff  
 Election date: 2018-06-26  
 Audit Date: 11:18:09, Thu Jun 28, 2018

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5117059	232376	2018-06-26 07:36:44	144083	2018-06-26 19:11:06	>>>0/C PEBs<<<	Courthouse - 23
5117059	232376	2018-06-26 07:36:44	144083	2018-06-26 19:11:06	Open Time	Courthouse - 23
5127869	108396	2018-06-26 11:37:53	108396	2018-06-26 19:03:56	Open Time	Cash - 20
5132641	145473	2018-06-18 14:19:59	145473	2018-06-26 19:06:23	>>Open Date<<	Absentee - 22
5132641	145473	2018-06-18 14:19:59	145473	2018-06-26 19:06:23	Open Time	Absentee - 22
5134208	241179	2018-06-26 07:21:47	241179	2018-06-26 19:03:41	Open Time	Ruby - 16
5136551	145473	2018-06-18 14:16:41	145473	2018-06-26 19:04:30	>>Open Date<<	Absentee - 40
5136551	145473	2018-06-18 14:16:41	145473	2018-06-26 19:04:30	Open Time	Absentee - 40
5138264	108396	2018-06-26 06:33:26	241179	2018-06-26 19:06:45	>>>0/C PEBs<<<	Ruby - 21

How to read this report.

This is the PEB Exceptions Report. It checks for the following conditions in the iVotronic Event Log;

- 1: A machine that was opened and closed by different PEBs
- 2: A Machine that was not opened on Election Date - could be either an absentee or test machine
- 3: A Machine that was not closed on Election Date - could have had problem closing
- 4: A Machine that was not opened by 7 am - note most Absentee machines will show up here

Chesterfield 2018 Statewide Primary Runoff Audit Report

- 5: A Machine that was closed before 7pm - polls close at 7 PM
- 6: A Machine that was not closed ever.
- 7: A machine that has no ballots cast on it.

Each of the events above detected are reported on a separate line, each line contains the following information: iVotronic machine number, Opening PEB Number, Open Time, Closing PEB Number, Closing Time, the Exception Type and the Precinct and the Ballots Cast on that machine.

Absentee and Failsafe precinct machines are opened during the middle of the day several days before the election date of 2018-06-26. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.