

Orangeburg 2018 Statewide Primary Runoff Audit Report

Orangeburg Ballot Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 11:50:49, Thu Jun 28, 2018

Prec Nber	Precinct Name	EL30A								Audit				Comments
		Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Opt	Man	Delta		
0101	Orangeburg Wd 1	22	0	0	0	0	22	0	22	0	0	0		
0102	Orangeburg Wd 2	2	0	0	0	0	2	0	2	0	0	0		
0103	Orangeburg Wd 3	4	0	0	0	0	4	0	4	0	0	0		
0104	Orangeburg Wd 4	0	0	0	0	0	0	0	0	0	0	0		
0105	Orangeburg Wd 5	8	0	0	0	0	8	0	8	0	0	0		
0106	Orangeburg Wd 6	23	0	0	0	0	23	0	23	0	0	0		
0107	Orangeburg Wd 7	68	0	0	0	0	68	0	68	0	0	0		
0108	Orangeburg Wd 8	50	0	0	0	0	50	0	50	0	0	0		
0109	Orangeburg Wd 9	17	0	0	0	0	17	0	17	0	0	0		
0110	Orangeburg Wd 10	56	0	0	0	0	56	0	56	0	0	0		
0111	Suburban 1	1	0	0	0	0	1	0	1	0	0	0		
0112	Suburban 2	1	0	0	0	0	1	0	1	0	0	0		
0113	Suburban 3	15	0	0	0	0	15	0	15	0	0	0		
0114	Suburban 4	23	0	0	0	0	23	0	23	0	0	0		
0115	Suburban 5	27	0	0	0	0	27	0	27	0	0	0		
0116	Suburban 6	45	0	0	0	0	45	0	45	0	0	0		
0117	Suburban 7	104	0	0	0	0	104	0	104	0	0	0		
0118	Suburban 8	63	0	0	0	0	63	0	63	0	0	0		
0119	Suburban 9	49	0	0	0	0	49	0	49	0	0	0		
0120	Bethel	30	0	0	0	0	30	0	30	0	0	0		
0121	Bowman 1	47	0	0	0	0	47	0	47	0	0	0		
0122	Bowman 2	41	0	0	0	0	41	0	41	0	0	0		
0123	Branchville 1	68	0	0	0	0	68	0	68	0	0	0		
0124	Branchville 2	49	0	0	0	0	49	0	49	0	0	0		
0125	Brookdale	10	0	0	0	0	10	0	10	0	0	0		
0126	Cope	69	0	0	0	0	69	0	69	0	0	0		
0127	Cordova 1	104	0	0	0	0	104	0	104	0	0	0		
0128	Edisto	115	0	0	0	0	115	0	115	0	0	0		
0129	Elloree 1	75	0	0	0	0	75	0	75	0	0	0		
0130	Eutawville 1	124	0	0	0	0	124	0	124	0	0	0		
0131	Eutawville 2	42	0	0	0	0	42	0	42	0	0	0		
0132	Four Holes	82	0	0	0	0	82	0	82	0	0	0		
0133	Holly Hill 2	27	0	0	0	0	27	0	27	0	0	0		
0134	Holly Hill 1	105	0	0	0	0	105	0	105	0	0	0		
0135	Jamison	79	0	0	0	0	79	0	79	0	0	0		
0136	Limestone 1	94	0	0	0	0	94	0	94	0	0	0		
0137	Neeses-Livingston	104	0	0	0	0	104	0	104	0	0	0		
0138	Nix	0	0	0	0	0	0	0	0	0	0	0		
0139	North 2	147	0	0	0	0	147	0	147	0	0	0		
0140	North 1	85	0	0	0	0	85	0	85	0	0	0		
0141	Norway	149	0	0	0	0	149	0	149	0	0	0		
0142	Pinehill	76	0	0	0	0	76	0	76	0	0	0		
0143	Providence	51	0	0	0	0	51	0	51	0	0	0		
0144	Rowesville	34	0	0	0	0	34	0	34	0	0	0		
0145	Santee 1	171	0	0	0	0	171	0	171	0	0	0		

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0146	Springfield	138	0	0	0	0	138	0	138	0	0	0
0147	Vance	67	0	0	0	0	67	0	67	0	0	0
0148	Whittaker	18	0	0	0	0	18	0	18	0	0	0
0150	Bolentown	101	0	0	0	0	101	0	101	0	0	0
0151	Cordova 2	75	0	0	0	0	75	0	75	0	0	0
0152	Ellore 2	18	0	0	0	0	18	0	18	0	0	0
0153	Limestone 2	42	0	0	0	0	42	0	42	0	0	0
0154	Santee 2	11	0	0	0	0	11	0	11	0	0	0
Precincts Total:		3026	0	0	0	0	3026	0	3026	0	0	0
0750	Absentee	176	0	0	0	124	52	0	52	0	124	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	0	0	0	0	0	0	0	0	0	0	0
Virtual Precincts Total:		176	0	0	0	124	52	0	52	0	124	0
Grand Total:		3202	0	0	0	124	3078	0	3078	0	124	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: Orangeburg Wd 4, Nix, Emergency, Failsafe, Provisional, Failsafe Provisional

Exception: Manual Entries found

Manual Entry Details:

	Precinct	Candidate	Date	Hour	Min	Group	Old	New	Change	Tabulator	Comments
	0750 Absentee	BALLOTS CAST - TOTAL	06-18	14	24pm	4	0	4	4	M100	New value does not match final - skipped
	0750 Absentee	BALLOTS CAST - TOTAL	06-26	19	24pm	4	0	124	124	M100	Updated Successfully
skipped	0750 Absentee	BALLOTS CAST - DEMOCRATIC	06-18	14	24pm	4	4	0	3	3	M100 New value does not match final -
skipped	0750 Absentee	BALLOTS CAST - DEMOCRATIC	06-26	19	24pm	4	4	0	68	68	M100 New value does not match final -
skipped	0750 Absentee	BALLOTS CAST - REPUBLICAN	06-18	14	24pm	4	4	0	1	1	M100 New value does not match final -
skipped	0750 Absentee	BALLOTS CAST - REPUBLICAN	06-26	19	24pm	4	4	0	56	56	M100 New value does not match final -

 # 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.

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EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
3078	3078	3078
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	3073
	Cast By Poll Wkr	5
	Blank Cast by PW	0
	Cancelled Ballots	80
	Wrong Ballot	15
	Voter Left AB	0
	Voter Left BB	1
	Voter Request	5
	Printer Problem	3
	Terminal Problem	10
	Other Reason	46

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

Number of ADA audio enabled events in this election: 1

Precinct Number and Name	Machine	Date	Time
0123 Branchville 1	5129998	2018-06-26	11:07:03

Electi on Date: 2018-06-26

In all but the Absentee Precinct events reported before election day are due to testing. Machines reported with precinct unknown had ADA Audio Enabled Events but no ballots were cast on them.

Note: The following machines(s) have audit records but no ballots were cast on them: 5121491, 5133738, 5134685, 5135378, 5135379, 5136086, 5136491
 Because they do not have ballots cast, they cannot be matched to a precinct. This is not an issue as long as the EL30A Ivo Ballots, the EL155 Ballots and the EL152 Ballots match in the table immediately above.

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.

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 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

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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 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.

 Orangeburg Vote Level Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 11:51:08, Thu Jun 28, 2018

Precinct Number / Name Office	Candidate	Party	EL30A					iVo	Flash	Audit	Comments
			Total	DS850	M650	DS200	M100			iVo Delta	

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0101	Orangeburg Wd 1	Henry McMaster	19	0	0	0	0	19	0	19	0
	REP - Governor	John Warren	3	0	0	0	0	3	0	3	0
	REP - Attorney General	Todd Atwater	5	0	0	0	0	5	0	5	0
	REP - Attorney General	Al an Wi l son	17	0	0	0	0	17	0	17	0
0102	Orangeburg Wd 2	Henry McMaster	1	0	0	0	0	1	0	1	0
	REP - Governor	John Warren	1	0	0	0	0	1	0	1	0
	REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
	Data expected.										
	REP - Attorney General	Al an Wi l son	2	0	0	0	0	2	0	2	0
0103	Orangeburg Wd 3	Henry McMaster	2	0	0	0	0	2	0	2	0
	REP - Governor	John Warren	2	0	0	0	0	2	0	2	0
	REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
	Data expected.										
	REP - Attorney General	Al an Wi l son	4	0	0	0	0	4	0	4	0
0104	Orangeburg Wd 4	Henry McMaster	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
	Data expected.										
	REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
	Data expected.										
	REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
	Data expected.										
	REP - Attorney General	Al an Wi l son	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
	Data expected.										
0105	Orangeburg Wd 5	Henry McMaster	6	0	0	0	0	6	0	6	0
	REP - Governor	John Warren	2	0	0	0	0	2	0	2	0
	REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
	Data expected.										
	REP - Attorney General	Al an Wi l son	8	0	0	0	0	8	0	8	0
0106	Orangeburg Wd 6	Henry McMaster	20	0	0	0	0	20	0	20	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	Al an Wi l son	15	0	0	0	0	15	0	15	0
0107	Orangeburg Wd 7	Henry McMaster	46	0	0	0	0	46	0	46	0
	REP - Governor	John Warren	21	0	0	0	0	21	0	21	0
	REP - Attorney General	Todd Atwater	23	0	0	0	0	23	0	23	0
	REP - Attorney General	Al an Wi l son	43	0	0	0	0	43	0	43	0
0108	Orangeburg Wd 8	Henry McMaster	34	0	0	0	0	34	0	34	0
	REP - Governor										

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REP - Governor	John Warren	16	0	0	0	0	16	0	16	0
REP - Attorney General	Todd Atwater	16	0	0	0	0	16	0	16	0
REP - Attorney General	Al an Wi l son	31	0	0	0	0	31	0	31	0
0109 Orangeburg Wd 9 #####										
REP - Governor	Henry McMaster	12	0	0	0	0	12	0	12	0
REP - Governor	John Warren	5	0	0	0	0	5	0	5	0
REP - Attorney General	Todd Atwater	4	0	0	0	0	4	0	4	0
REP - Attorney General	Al an Wi l son	13	0	0	0	0	13	0	13	0
0110 Orangeburg Wd 10 #####										
REP - Governor	Henry McMaster	37	0	0	0	0	37	0	37	0
REP - Governor	John Warren	17	0	0	0	0	17	0	17	0
REP - Attorney General	Todd Atwater	15	0	0	0	0	15	0	15	0
REP - Attorney General	Al an Wi l son	37	0	0	0	0	37	0	37	0
0111 Suburban 1 #####										
REP - Governor	Henry McMaster	1	0	0	0	0	1	0	1	0
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
Data expected.										
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
Data expected.										
REP - Attorney General	Al an Wi l son	1	0	0	0	0	1	0	1	0
0112 Suburban 2 #####										
REP - Governor	Henry McMaster	1	0	0	0	0	1	0	1	0
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
Data expected.										
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
Data expected.										
REP - Attorney General	Al an Wi l son	1	0	0	0	0	1	0	1	0
0113 Suburban 3 #####										
REP - Governor	Henry McMaster	8	0	0	0	0	8	0	8	0
REP - Governor	John Warren	6	0	0	0	0	6	0	6	0
REP - Attorney General	Todd Atwater	6	0	0	0	0	6	0	6	0
REP - Attorney General	Al an Wi l son	8	0	0	0	0	8	0	8	0
0114 Suburban 4 #####										
REP - Governor	Henry McMaster	14	0	0	0	0	14	0	14	0
REP - Governor	John Warren	9	0	0	0	0	9	0	9	0
REP - Attorney General	Todd Atwater	8	0	0	0	0	8	0	8	0
REP - Attorney General	Al an Wi l son	13	0	0	0	0	13	0	13	0
0115 Suburban 5 #####										
REP - Governor	Henry McMaster	21	0	0	0	0	21	0	21	0
REP - Governor	John Warren	6	0	0	0	0	6	0	6	0
REP - Attorney General	Todd Atwater	4	0	0	0	0	4	0	4	0
REP - Attorney General	Al an Wi l son	19	0	0	0	0	19	0	19	0
0116 Suburban 6 #####										
REP - Governor	Henry McMaster	35	0	0	0	0	35	0	35	0

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REP - Governor	John Warren	10	0	0	0	0	10	0	10	0
REP - Attorney General	Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General	Al an Wi l son	32	0	0	0	0	32	0	32	0
0117 Suburban 7	#####									
REP - Governor	Henry McMaster	86	0	0	0	0	86	0	86	0
REP - Governor	John Warren	18	0	0	0	0	18	0	18	0
REP - Attorney General	Todd Atwater	24	0	0	0	0	24	0	24	0
REP - Attorney General	Al an Wi l son	80	0	0	0	0	80	0	80	0
0118 Suburban 8	#####									
REP - Governor	Henry McMaster	43	0	0	0	0	43	0	43	0
REP - Governor	John Warren	20	0	0	0	0	20	0	20	0
REP - Attorney General	Todd Atwater	17	0	0	0	0	17	0	17	0
REP - Attorney General	Al an Wi l son	46	0	0	0	0	46	0	46	0
0119 Suburban 9	#####									
REP - Governor	Henry McMaster	34	0	0	0	0	34	0	34	0
REP - Governor	John Warren	14	0	0	0	0	14	0	14	0
REP - Attorney General	Todd Atwater	13	0	0	0	0	13	0	13	0
REP - Attorney General	Al an Wi l son	30	0	0	0	0	30	0	30	0
0120 Bethel	#####									
REP - Governor	Henry McMaster	20	0	0	0	0	20	0	20	0
REP - Governor	John Warren	9	0	0	0	0	9	0	9	0
REP - Attorney General	Todd Atwater	10	0	0	0	0	10	0	10	0
REP - Attorney General	Al an Wi l son	19	0	0	0	0	19	0	19	0
0121 Bowman 1	#####									
REP - Governor	Henry McMaster	29	0	0	0	0	29	0	29	0
REP - Governor	John Warren	17	0	0	0	0	17	0	17	0
REP - Attorney General	Todd Atwater	15	0	0	0	0	15	0	15	0
REP - Attorney General	Al an Wi l son	29	0	0	0	0	29	0	29	0
0122 Bowman 2	#####									
REP - Governor	Henry McMaster	21	0	0	0	0	21	0	21	0
REP - Governor	John Warren	20	0	0	0	0	20	0	20	0
REP - Attorney General	Todd Atwater	9	0	0	0	0	9	0	9	0
REP - Attorney General	Al an Wi l son	30	0	0	0	0	30	0	30	0
0123 Branchville 1	#####									
REP - Governor	Henry McMaster	47	0	0	0	0	47	0	47	0
REP - Governor	John Warren	20	0	0	0	0	20	0	20	0
REP - Attorney General	Todd Atwater	20	0	0	0	0	20	0	20	0
REP - Attorney General	Al an Wi l son	47	0	0	0	0	47	0	47	0
0124 Branchville 2	#####									
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	19	0	0	0	0	19	0	19	0
REP - Attorney General	Al an Wi l son	27	0	0	0	0	27	0	27	0

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0125	Brookdale	Henry McMaster	2	0	0	0	0	2	0	2	0
	REP - Governor	John Warren	7	0	0	0	0	7	0	7	0
	REP - Attorney General	Todd Atwater	6	0	0	0	0	6	0	6	0
	REP - Attorney General	Al an Wilson	4	0	0	0	0	4	0	4	0
0126	Cope	Sean Carri gan	5	0	0	0	0	5	0	5	0
	DEM - U. S. House of Re ps Di strict 2	Annabelle Robertson	10	0	0	0	0	10	0	10	0
	DEM - U. S. House of Re ps Di strict 2	Henry McMaster	39	0	0	0	0	39	0	39	0
	REP - Governor	John Warren	15	0	0	0	0	15	0	15	0
	REP - Governor	Todd Atwater	12	0	0	0	0	12	0	12	0
	REP - Attorney General	Al an Wilson	42	0	0	0	0	42	0	42	0
	REP - Attorney General										
0127	Cordova 1	Sean Carri gan	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
	DEM - U. S. House of Re ps Di strict 2	Annabelle Robertson	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
	DEM - U. S. House of Re ps Di strict 2	Henry McMaster	74	0	0	0	0	74	0	74	0
	Data expected.	John Warren	30	0	0	0	0	30	0	30	0
	REP - Governor	Todd Atwater	24	0	0	0	0	24	0	24	0
	REP - Governor	Al an Wilson	78	0	0	0	0	78	0	78	0
	REP - Attorney General										
	REP - Attorney General										
0128	Edisto	Sean Carri gan	4	0	0	0	0	4	0	4	0
	DEM - U. S. House of Re ps Di strict 2	Annabelle Robertson	10	0	0	0	0	10	0	10	0
	DEM - U. S. House of Re ps Di strict 2	Henry McMaster	73	0	0	0	0	73	0	73	0
	REP - Governor	John Warren	28	0	0	0	0	28	0	28	0
	REP - Governor	Todd Atwater	16	0	0	0	0	16	0	16	0
	REP - Attorney General	Al an Wilson	83	0	0	0	0	83	0	83	0
	REP - Attorney General										
0129	Elloree 1	Henry McMaster	60	0	0	0	0	60	0	60	0
	REP - Governor	John Warren	15	0	0	0	0	15	0	15	0
	REP - Governor	Todd Atwater	25	0	0	0	0	25	0	25	0
	REP - Attorney General	Al an Wilson	49	0	0	0	0	49	0	49	0
	REP - Attorney General										
0130	Eutawville 1	Henry McMaster	100	0	0	0	0	100	0	100	0
	REP - Governor	John Warren	23	0	0	0	0	23	0	23	0
	REP - Governor	Todd Atwater	37	0	0	0	0	37	0	37	0
	REP - Attorney General	Al an Wilson	78	0	0	0	0	78	0	78	0
	REP - Attorney General										
0131	Eutawville 2	Henry McMaster	29	0	0	0	0	29	0	29	0
	REP - Governor	John Warren	12	0	0	0	0	12	0	12	0
	REP - Governor	Todd Atwater	10	0	0	0	0	10	0	10	0
	REP - Attorney General	Al an Wilson	31	0	0	0	0	31	0	31	0
	REP - Attorney General										
0132	Four Holes	Henry McMaster	69	0	0	0	0	69	0	69	0
	REP - Governor										

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REP - Governor	John Warren	13	0	0	0	0	13	0	13	0
REP - Attorney General	Todd Atwater	14	0	0	0	0	14	0	14	0
REP - Attorney General	Al an Wi l son	61	0	0	0	0	61	0	61	0
0133 Holly Hill 2 #####										
REP - Governor	Henry McMaster	24	0	0	0	0	24	0	24	0
REP - Governor	John Warren	3	0	0	0	0	3	0	3	0
REP - Attorney General	Todd Atwater	3	0	0	0	0	3	0	3	0
REP - Attorney General	Al an Wi l son	23	0	0	0	0	23	0	23	0
0134 Holly Hill 1 #####										
REP - Governor	Henry McMaster	74	0	0	0	0	74	0	74	0
REP - Governor	John Warren	30	0	0	0	0	30	0	30	0
REP - Attorney General	Todd Atwater	25	0	0	0	0	25	0	25	0
REP - Attorney General	Al an Wi l son	78	0	0	0	0	78	0	78	0
0135 Jami son #####										
REP - Governor	Henry McMaster	49	0	0	0	0	49	0	49	0
REP - Governor	John Warren	29	0	0	0	0	29	0	29	0
REP - Attorney General	Todd Atwater	20	0	0	0	0	20	0	20	0
REP - Attorney General	Al an Wi l son	58	0	0	0	0	58	0	58	0
0136 Limestone 1 #####										
REP - Governor	Henry McMaster	62	0	0	0	0	62	0	62	0
REP - Governor	John Warren	32	0	0	0	0	32	0	32	0
REP - Attorney General	Todd Atwater	16	0	0	0	0	16	0	16	0
REP - Attorney General	Al an Wi l son	73	0	0	0	0	73	0	73	0
0137 Neeses-Li vingston #####										
DEM - U. S. House of Re ps Di strict 2	Sean Carri gan	9	0	0	0	0	9	0	9	0
DEM - U. S. House of Re ps Di strict 2	Annabelle Robertson	9	0	0	0	0	9	0	9	0
REP - Governor	Henry McMaster	63	0	0	0	0	63	0	63	0
REP - Governor	John Warren	23	0	0	0	0	23	0	23	0
REP - Attorney General	Todd Atwater	24	0	0	0	0	24	0	24	0
REP - Attorney General	Al an Wi l son	58	0	0	0	0	58	0	58	0
0138 Ni x #####										
REP - Governor	Henry McMaster	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
Data expected.										
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
Data expected.										
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
Data expected.										
REP - Attorney General	Al an Wi l son	0	0	0	0	0	0	0	* No Votes Cast - No Audi t	
Data expected.										
0139 North 2 #####										
DEM - U. S. House of Re ps Di strict 2	Sean Carri gan	14	0	0	0	0	14	0	14	0
DEM - U. S. House of Re ps Di strict 2	Annabelle Robertson	20	0	0	0	0	20	0	20	0
REP - Governor	Henry McMaster	88	0	0	0	0	88	0	88	0
REP - Governor	John Warren	22	0	0	0	0	22	0	22	0
REP - Attorney General	Todd Atwater	30	0	0	0	0	30	0	30	0

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REP - Attorney General	Al an Wilson	80	0	0	0	0	80	0	80	0	
0140 North 1 #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan	15	0	0	0	0	15	0	15	0	
DEM - U. S. House of Reprs District 2	Annabelle Robertson	6	0	0	0	0	6	0	6	0	
REP - Governor	Henry McMaster	54	0	0	0	0	54	0	54	0	
REP - Governor	John Warren	10	0	0	0	0	10	0	10	0	
REP - Attorney General	Todd Atwater	14	0	0	0	0	14	0	14	0	
REP - Attorney General	Al an Wilson	49	0	0	0	0	49	0	49	0	
0141 Norway #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan	37	0	0	0	0	37	0	37	0	
DEM - U. S. House of Reprs District 2	Annabelle Robertson	10	0	0	0	0	10	0	10	0	
REP - Governor	Henry McMaster	73	0	0	0	0	73	0	73	0	
REP - Governor	John Warren	28	0	0	0	0	28	0	28	0	
REP - Attorney General	Todd Atwater	32	0	0	0	0	32	0	32	0	
REP - Attorney General	Al an Wilson	67	0	0	0	0	67	0	67	0	
0142 Pinihi II #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan	12	0	0	0	0	12	0	12	0	
DEM - U. S. House of Reprs District 2	Annabelle Robertson	8	0	0	0	0	8	0	8	0	
REP - Governor	Henry McMaster	34	0	0	0	0	34	0	34	0	
REP - Governor	John Warren	22	0	0	0	0	22	0	22	0	
REP - Attorney General	Todd Atwater	14	0	0	0	0	14	0	14	0	
REP - Attorney General	Al an Wilson	41	0	0	0	0	41	0	41	0	
0143 Providence #####											
REP - Governor	Henry McMaster	39	0	0	0	0	39	0	39	0	
REP - Governor	John Warren	12	0	0	0	0	12	0	12	0	
REP - Attorney General	Todd Atwater	13	0	0	0	0	13	0	13	0	
REP - Attorney General	Al an Wilson	37	0	0	0	0	37	0	37	0	
0144 Rowesville #####											
REP - Governor	Henry McMaster	27	0	0	0	0	27	0	27	0	
REP - Governor	John Warren	7	0	0	0	0	7	0	7	0	
REP - Attorney General	Todd Atwater	10	0	0	0	0	10	0	10	0	
REP - Attorney General	Al an Wilson	22	0	0	0	0	22	0	22	0	
0145 Santee 1 #####											
REP - Governor	Henry McMaster	115	0	0	0	0	115	0	115	0	
REP - Governor	John Warren	55	0	0	0	0	55	0	55	0	
REP - Attorney General	Todd Atwater	65	0	0	0	0	65	0	65	0	
REP - Attorney General	Al an Wilson	99	0	0	0	0	99	0	99	0	
0146 Springfield #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan	47	0	0	0	0	47	0	47	0	
DEM - U. S. House of Reprs District 2	Annabelle Robertson	8	0	0	0	0	8	0	8	0	
REP - Governor	Henry McMaster	62	0	0	0	0	62	0	62	0	
REP - Governor	John Warren	20	0	0	0	0	20	0	20	0	
REP - Attorney General	Todd Atwater	21	0	0	0	0	21	0	21	0	
REP - Attorney General	Al an Wilson	55	0	0	0	0	55	0	55	0	

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0147	Vance	Henry McMaster	50	0	0	0	0	50	0	50	0
REP - Governor		John Warren	17	0	0	0	0	17	0	17	0
REP - Attorney General		Todd Atwater	28	0	0	0	0	28	0	28	0
REP - Attorney General		Al an Wi l son	35	0	0	0	0	35	0	35	0
0148	Whittaker	Henry McMaster	6	0	0	0	0	6	0	6	0
REP - Governor		John Warren	12	0	0	0	0	12	0	12	0
REP - Attorney General		Todd Atwater	2	0	0	0	0	2	0	2	0
REP - Attorney General		Al an Wi l son	15	0	0	0	0	15	0	15	0
0150	Bolentown	Sean Carrigan	6	0	0	0	0	6	0	6	0
DEM - U. S. House of Reprs District 2		Annabelle Robertson	4	0	0	0	0	4	0	4	0
REP - Governor		Henry McMaster	68	0	0	0	0	68	0	68	0
REP - Governor		John Warren	23	0	0	0	0	23	0	23	0
REP - Attorney General		Todd Atwater	22	0	0	0	0	22	0	22	0
REP - Attorney General		Al an Wi l son	66	0	0	0	0	66	0	66	0
0151	Cordova 2	Sean Carrigan	5	0	0	0	0	5	0	5	0
DEM - U. S. House of Reprs District 2		Annabelle Robertson	7	0	0	0	0	7	0	7	0
REP - Governor		Henry McMaster	48	0	0	0	0	48	0	48	0
REP - Governor		John Warren	14	0	0	0	0	14	0	14	0
REP - Attorney General		Todd Atwater	14	0	0	0	0	14	0	14	0
REP - Attorney General		Al an Wi l son	47	0	0	0	0	47	0	47	0
0152	Ellore 2	Henry McMaster	14	0	0	0	0	14	0	14	0
REP - Governor		John Warren	4	0	0	0	0	4	0	4	0
REP - Attorney General		Todd Atwater	1	0	0	0	0	1	0	1	0
REP - Attorney General		Al an Wi l son	16	0	0	0	0	16	0	16	0
0153	Limestone 2	Henry McMaster	28	0	0	0	0	28	0	28	0
REP - Governor		John Warren	14	0	0	0	0	14	0	14	0
REP - Attorney General		Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General		Al an Wi l son	30	0	0	0	0	30	0	30	0
0154	Santee 2	Henry McMaster	10	0	0	0	0	10	0	10	0
REP - Governor		John Warren	0	0	0	0	0	0	0	0	0
REP - Governor		Todd Atwater	3	0	0	0	0	3	0	3	0
Data expected.		Al an Wi l son	7	0	0	0	0	7	0	7	0
REP - Attorney General											
REP - Attorney General											

0750 Absentee Sean Carrigan 68 0 0 0 0 64 4 0 4 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.

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DEM - U. S. House of Reprs Di strict 2	Annabelle Robertson	5	0	0	0	4	1	0	1	0
REP - Governor	Henry McMaster	57	0	0	0	28	29	0	29	0
REP - Governor	John Warren	44	0	0	0	27	17	0	17	0
REP - Attorney General	Todd Atwater	35	0	0	0	23	12	0	12	0
REP - Attorney General	Al an Wi l son	63	0	0	0	29	34	0	34	0

0800 Emergency #####

DEM - U. S. House of Reprs Di strict 2	Sean Carri gan	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
DEM - U. S. House of Reprs Di strict 2	Annabelle Robertson	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
REP - Governor	Henry McMaster	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
REP - Attorney General	Al an Wi l son	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									

0850 Fai l safe #####

DEM - U. S. House of Reprs Di strict 2	Sean Carri gan	1	0	0	0	1	0	0	* Opti cal Ball ots - No
Audi t data expected.									
DEM - U. S. House of Reprs Di strict 2	Annabelle Robertson	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
REP - Governor	Henry McMaster	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
REP - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
REP - Attorney General	Al an Wi l son	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									

0900 Provi si onal #####

DEM - U. S. House of Reprs Di strict 2	Sean Carri gan	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
DEM - U. S. House of Reprs Di strict 2	Annabelle Robertson	1	0	0	0	1	0	0	* Opti cal Ball ots - No
Audi t data expected.									
REP - Governor	Henry McMaster	9	0	0	0	9	0	0	* Opti cal Ball ots - No
Audi t data expected.									
REP - Governor	John Warren	4	0	0	0	4	0	0	* Opti cal Ball ots - No
Audi t data expected.									
REP - Attorney General	Todd Atwater	1	0	0	0	1	0	0	* Opti cal Ball ots - No
Audi t data expected.									
REP - Attorney General	Al an Wi l son	12	0	0	0	12	0	0	* Opti cal Ball ots - No
Audi t data expected.									

0950 Fai l safe Provi si onal #####

DEM - U. S. House of Reprs Di strict 2	Sean Carri gan	0	0	0	0	0	0	0	* No Votes Cast - No Audi t
Data expected.									
DEM - U. S. House of Reprs Di strict 2	Annabelle Robertson	0	0	0	0	0	0	0	* No Votes Cast - No Audi t

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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

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 a 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

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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

 Orangeburg EL30A45A Comparison Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 11:51:19, Thu Jun 28, 2018

-----EL30A-----					-----EL45A-----											
Office	M100	iVo	Flash	Delta	Candidate	Party	Tot	DS850	M650	DS200	M100	iVo	Flash	Tot	DS850	M650
Governor	37	2042	0	0	Henry McMaster		2079	0	0	0	37	2042	0	2079	0	0
Governor	31	763	0	0	John Warren		794	0	0	0	31	763	0	794	0	0
Attorney General	24	749	0	0	Todd Atwater		773	0	0	0	24	749	0	773	0	0
Attorney General	41	1968	0	0	Alan Wilson		2009	0	0	0	41	1968	0	2009	0	0
U. S. House of Reprs District 2	65	158	0	0	Sean Carrigan		223	0	0	0	65	158	0	223	0	0
U. S. House of Reprs District 2	5	93	0	0	Annabelle Robertson		98	0	0	0	5	93	0	98	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.

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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 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.

Orangeburg PEB Use Report

Electi on: 2018 Statewide Primary Runoff
 Audit Date: 11: 50: 49, Thu Jun 28, 2018

Preci nct	PEBs Used	Comments
Orangeburg Wd 1	153345	
Orangeburg Wd 2	152764	
Orangeburg Wd 3	153233	
Orangeburg Wd 5	153297	
Orangeburg Wd 6	153343	
Orangeburg Wd 7	218741	
Orangeburg Wd 8	153185	
Orangeburg Wd 9	222731	
Orangeburg Wd 10	152755	
Suburban 1	153388	
Suburban 2	156808	
Suburban 3	157683	
Suburban 4	153311	123095
Suburban 5	232945	WARNING: 2 PEBs used to open/close machi nes.
Suburban 6	152711	
Suburban 7	152908	
Suburban 8	152946	
Suburban 9	153283	
Bethel	153140	
Bowman 1	153364	
Bowman 2	152963	
Branchville 1	152927	
Branchville 2	153321	
Brookdale	152939	
Cope	152932	
Cordova 1	152992	
Edisto	156916	
Elloree 1	153305	
Eutawville 1	152631	
Eutawville 2	177498	

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Four Holes	152885
Holly Hill 2	153096
Holly Hill 1	152539
Jami son	232937
Limestone 1	157339
Neeses-Li vi ngston	222732
North 2	152682
North 1	152751
Norway	153434
Pi nehi ll	232930
Provi dence	153069
Rowesvi lle	152890
Santee 1	152978
Spri ngfi el d	153352
Vance	232940
Whi ttaker	152949
Bol entown	153431
Cordova 2	152869
El l oree 2	152759
Limestone 2	152749
Santee 2	152737
Absentee	153282

52 precincts processed

The following precinct(s) have no ballots cast in them: Orangeburg Wd 4, Nix, Emergency, Fail safe, Provi si onal , Fai l safe Provi si onal
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.

Orangeburg PEB Exceptions Report
Electi on: 2018 Statewide Primary Runoff
Electi on date: 2018-06-26
Audit Date: 11: 50: 49, Thu Jun 28, 2018

Orangeburg 2018 Statewide Primary Runoff Audit Report							
iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast	
5120188	153388	2018-06-26 05:44:55	153388	2018-06-26 18:40:49	Close Time	Suburban 1 - 1	
5121290	153311	2018-06-26 06:23:30	123095	2018-06-26 19:12:56	>>>O/C PEBs<<<	Suburban 4 - 6	
5124448	153282	2018-06-19 08:46:28	153282	2018-06-26 19:01:07	>>Open Date<<	Absentee - 24	
5124448	153282	2018-06-19 08:46:28	153282	2018-06-26 19:01:07	Open Time	Absentee - 24	
5137936	153282	2018-06-19 08:52:42	153282	2018-06-26 19:03:03	>>Open Date<<	Absentee - 28	
5137936	153282	2018-06-19 08:52:42	153282	2018-06-26 19:03:03	Open Time	Absentee - 28	

The following machines(s) have audit records but no ballots were cast on them: 5121491, 5133738, 5134685, 5135378, 5135379, 5136086, 5136491
 Because they do not have ballots cast, they cannot be matched to a precinct.

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
- 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.