

Spartanburg 2017 State House Dist 31 General Audit Report

Spartanburg Ballot Audit Report
 Election: 2017 State House Dist 31 General
 Audit Date: 10:35:51, Fri Sep 29, 2017

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0003	Arcadia Elementary	12	0	12	0	12	0	0	0	
0018	E P Todd Elementary	40	0	40	0	40	0	0	0	
0041	Hayne Baptist	3	0	3	0	3	0	0	0	
0065	Roebuck Elementary	16	0	16	0	16	0	0	0	
0068	Mount Moriah Baptist	125	0	125	0	125	0	0	0	
0070	C C Woodson Rec Cent	120	0	120	0	120	0	0	0	
0073	Trinity Methodist	7	0	7	0	7	0	0	0	
0075	Southside Baptist	101	0	101	0	101	0	0	0	
0078	Cornerstone Baptist	64	0	64	0	64	0	0	0	
0082	Woodland Hgts Rec Ce	21	0	21	0	21	0	0	0	
0084	Beaumont Methodist	4	0	4	0	4	0	0	0	
0086	Cleveland Elementary	64	0	64	0	64	0	0	0	
0088	Ebenezer Baptist	81	0	81	0	81	0	0	0	
0101	Bethany Baptist	35	0	35	0	35	0	0	0	
0106	Mount Zion F G Bapti	32	0	32	0	32	0	0	0	
0107	Jesse Bobo Elementar	99	0	99	0	99	0	0	0	
0108	White Stone Methodis	12	0	12	0	12	0	0	0	
0119	Roebuck Bethlehem	1	0	1	0	1	0	0	0	
0125	Chapman Elementary	2	0	2	0	2	0	0	0	
0132	Park Hills Elementar	111	0	111	0	111	0	0	0	
0134	Powell Saxon Una	66	0	66	0	66	0	0	0	
Precincts Total:		1016	0	1016	0	1016	0	0	0	
0750	Absentee	200	54	146	0	146	54	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Fail safe	0	0	0	0	0	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		200	54	146	0	146	54	0	0	
Grand Total:		1216	54	1162	0	1162	54	0	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: 6
 The following precincts have no ballots cast in them: Emergency, Fail safe, Provisional
 This audit is complete and has no exceptions.

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

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

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
1162	1162	1162
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	1160
	Cast By Poll Wkr	2
	Blank Cast by PW	0
	Cancelled Ballots	17
	Wrong Ballot	0
	Voter Left AB	0
	Voter Left BB	0
	Voter Request	5
	Printer Problem	0
	Terminal Problem	2
	Other Reason	10

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

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

Note: The following machines(s) have audit records but no ballots were cast on them: 5122054
 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 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

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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.

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Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0003 Arcadia Elementary #####									
State House of Representatives District 31	Rosalyn Henderson Myers	(DEM)	8	0	8	0	8	0	
State House of Representatives District 31	Michael A Fowler	(REP)	4	0	4	0	4	0	
State House of Representatives District 31	Write-In		0	0	0	0		0	* No Audit Data expected or found
0018 E P Todd Elementary #####									
State House of Representatives District 31	Rosalyn Henderson Myers	(DEM)	31	0	31	0	31	0	
State House of Representatives District 31	Michael A Fowler	(REP)	9	0	9	0	9	0	
State House of Representatives District 31	Write-In		0	0	0	0		0	* No Audit Data expected or found
0041 Hayne Baptist #####									
State House of Representatives District 31	Rosalyn Henderson Myers	(DEM)	1	0	1	0	1	0	
State House of Representatives District 31	Michael A Fowler	(REP)	0	0	0	0		0	* No Audit Data expected or found
State House of Representatives District 31	Write-In		1	0	1	0	1	0	
0065 Roebuck Elementary #####									
State House of Representatives District 31	Rosalyn Henderson Myers	(DEM)	14	0	14	0	14	0	
State House of Representatives District 31	Michael A Fowler	(REP)	1	0	1	0	1	0	
State House of Representatives District 31	Write-In		0	0	0	0		0	* No Audit Data expected or found
0068 Mount Moriah Baptist #####									
State House of Representatives District 31	Rosalyn Henderson Myers	(DEM)	122	0	122	0	122	0	
State House of Representatives District 31	Michael A Fowler	(REP)	3	0	3	0	3	0	
State House of Representatives District 31	Write-In		0	0	0	0		0	* No Audit Data expected or found
0070 C C Woodson Rec Center #####									
State House of Representatives District 31	Rosalyn Henderson Myers	(DEM)	117	0	117	0	117	0	
State House of Representatives District 31	Michael A Fowler	(REP)	3	0	3	0	3	0	
State House of Representatives District 31	Write-In		0	0	0	0		0	* No Audit Data expected or found
0073 Trinity Methodist #####									
State House of Representatives District 31	Rosalyn Henderson Myers	(DEM)	4	0	4	0	4	0	
State House of Representatives District 31	Michael A Fowler	(REP)	3	0	3	0	3	0	
State House of Representatives District 31	Write-In		0	0	0	0		0	* No Audit Data expected or found
0075 Southside Baptist #####									
State House of Representatives District 31	Rosalyn Henderson Myers	(DEM)	92	0	92	0	92	0	
State House of Representatives District 31	Michael A Fowler	(REP)	8	0	8	0	8	0	
State House of Representatives District 31	Write-In		0	0	0	0		0	* No Audit Data expected or found
0078 Cornerstone Baptist #####									
State House of Representatives District 31	Rosalyn Henderson Myers	(DEM)	59	0	59	0	59	0	
State House of Representatives District 31	Michael A Fowler	(REP)	5	0	5	0	5	0	

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State House of Representatives District	Write-In	0	0	0	0 * No Audit Data expected or found
0082 Woodland Hgts Rec Center	#####				
State House of Representatives District 31 Rosalyn Henderson Myers (DEM)		19	0	19	0 19 0
State House of Representatives District 31 Michael A Fowler (REP)		2	0	2	0 2 0
State House of Representatives District 31 Write-In		0	0	0	0 * No Audit Data expected or found
0084 Beaumont Methodist	#####				
State House of Representatives District 31 Rosalyn Henderson Myers (DEM)		3	0	3	0 3 0
State House of Representatives District 31 Michael A Fowler (REP)		1	0	1	0 1 0
State House of Representatives District 31 Write-In		0	0	0	0 * No Audit Data expected or found
0086 Cleveland Elementary	#####				
State House of Representatives District 31 Rosalyn Henderson Myers (DEM)		59	0	59	0 59 0
State House of Representatives District 31 Michael A Fowler (REP)		4	0	4	0 4 0
State House of Representatives District 31 Write-In		1	0	1	0 1 0
0088 Ebenezer Baptist	#####				
State House of Representatives District 31 Rosalyn Henderson Myers (DEM)		81	0	81	0 81 0
State House of Representatives District 31 Michael A Fowler (REP)		0	0	0	0 * No Audit Data expected or found
State House of Representatives District 31 Write-In		0	0	0	0 * No Audit Data expected or found
0101 Bethany Baptist	#####				
State House of Representatives District 31 Rosalyn Henderson Myers (DEM)		31	0	31	0 31 0
State House of Representatives District 31 Michael A Fowler (REP)		3	0	3	0 3 0
State House of Representatives District 31 Write-In		0	0	0	0 * No Audit Data expected or found
0106 Mount Zion F G Baptist	#####				
State House of Representatives District 31 Rosalyn Henderson Myers (DEM)		16	0	16	0 16 0
State House of Representatives District 31 Michael A Fowler (REP)		16	0	16	0 16 0
State House of Representatives District 31 Write-In		0	0	0	0 * No Audit Data expected or found
0107 Jesse Bobo Elementary	#####				
State House of Representatives District 31 Rosalyn Henderson Myers (DEM)		83	0	83	0 83 0
State House of Representatives District 31 Michael A Fowler (REP)		15	0	15	0 15 0
State House of Representatives District 31 Write-In		0	0	0	0 * No Audit Data expected or found
0108 White Stone Methodist	#####				
State House of Representatives District 31 Rosalyn Henderson Myers (DEM)		10	0	10	0 10 0
State House of Representatives District 31 Michael A Fowler (REP)		2	0	2	0 2 0
State House of Representatives District 31 Write-In		0	0	0	0 * No Audit Data expected or found
0119 Roebuck Bethlehem	#####				
State House of Representatives District 31 Rosalyn Henderson Myers (DEM)		0	0	0	0 * No Audit Data expected or found
State House of Representatives District 31 Michael A Fowler (REP)		1	0	1	0 1 0
State House of Representatives District 31 Write-In		0	0	0	0 * No Audit Data expected or found
0125 Chapman Elementary	#####				

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State House of Representatives District 31	Rosalyn Henderson Myers (DEM)	1	0	1	0	1	0
State House of Representatives District 31	Michael A Fowler (REP)	1	0	1	0	1	0
State House of Representatives District 31	Write-In	0	0	0	0	*	No Audit Data expected or found
0132 Park Hills Elementary #####							
State House of Representatives District 31	Rosalyn Henderson Myers (DEM)	104	0	104	0	104	0
State House of Representatives District 31	Michael A Fowler (REP)	7	0	7	0	7	0
State House of Representatives District 31	Write-In	0	0	0	0	*	No Audit Data expected or found
0134 Powell Saxon Una #####							
State House of Representatives District 31	Rosalyn Henderson Myers (DEM)	55	0	55	0	55	0
State House of Representatives District 31	Michael A Fowler (REP)	10	0	10	0	10	0
State House of Representatives District 31	Write-In	0	0	0	0	*	No Audit Data expected or found
0750 Absentee #####							
State House of Representatives District 31	Rosalyn Henderson Myers (DEM)	189	53	136	0	136	0
State House of Representatives District 31	Michael A Fowler (REP)	11	1	10	0	10	0
State House of Representatives District 31	Write-In	0	0	0	0	*	No Audit Data expected or found
0800 Emergency #####							
State House of Representatives District 31	Rosalyn Henderson Myers (DEM)	0	0	0	0	*	No Audit Data expected or found
State House of Representatives District 31	Michael A Fowler (REP)	0	0	0	0	*	No Audit Data expected or found
State House of Representatives District 31	Write-In	0	0	0	0	*	No Audit Data expected or found
0850 Fail safe #####							
State House of Representatives District 31	Rosalyn Henderson Myers (DEM)	0	0	0	0	*	No Audit Data expected or found
State House of Representatives District 31	Michael A Fowler (REP)	0	0	0	0	*	No Audit Data expected or found
State House of Representatives District 31	Write-In	0	0	0	0	*	No Audit Data expected or found
0900 Provisional #####							
State House of Representatives District 31	Rosalyn Henderson Myers (DEM)	0	0	0	0	*	No Audit Data expected or found
State House of Representatives District 31	Michael A Fowler (REP)	0	0	0	0	*	No Audit Data expected or found
State House of Representatives District 31	Write-In	0	0	0	0	*	No Audit Data expected or found

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

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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 candidate. 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

 Spartanburg EL30A45A Comparison Report
 Election: 2017 State House Dist 31 General
 Audit Date: 10:36:26, Fri Sep 29, 2017

Offi ce	Candi date	Party	-----EL30A-----				-----EL45A-----				Del ta
			Tot	Opt	iVo	Fl ash	Tot	Opt	iVo	Fl ash	
State House of Representatives District 31	Rosal yn Henderson Myers	(DEM)	1099	53	1046	0	1099	53	1046	0	0
State House of Representatives District 31	Michael A Fowler	(REP)	109	1	108	0	109	1	108	0	0
State House of Representatives District 31	Write-In		2	0	2	0	2	0	2	0	0

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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.

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.

Spartanburg PEB Use Report
Election: 2017 State House Dist 31 General
Audit Date: 10:35:51, Fri Sep 29, 2017

Precinct	PEBs Used	Comments
Arcadia Elementary	155147	
E P Todd Elementary	151100	
Hayne Baptist	139858	
Roebuck Elementary	151069	
Mount Moriah Baptist	151138	
C C Woodson Rec Cent	152022	
Trinity Methodist	138638	
Southside Baptist	154523	

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Cornerstone Baptist	151163
Woodland Hgts Rec Ce	150749
Beaumont Methodist	154818
Clevel and Elementary	150921
Ebenezer Baptist	137270
Bethany Baptist	139186
Mount Zion F G Bapti	138130
Jesse Bobo Elementar	150166
White Stone Methodi s	138481
Roebuck Bethlehem	137897
Chapman Elementary	155140
Park Hills Elementar	155267
Powell Saxon Una	139903
Absentee	138388

22 precincts processed

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.

Spartanburg PEB Exceptions Report
 Election: 2017 State House Dist 31 General
 Election date: 09/26/2017
 Audit Date: 10:35:51, Fri Sep 29, 2017

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5118222	152022	09/26/2017 07:22:23	152022	09/26/2017 19:12:27	Open Time	C C Woodson Rec Cent - 23
5118488	138388	08/28/2017 09:14:41	138388	09/26/2017 19:04:32	>>Open Date<<	Absentee - 109

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5118488	138388	08/28/2017	09:14:41	138388	09/26/2017	19:04:32	Open Time	Absentee - 109
5122812	155267	09/26/2017	08:04:19	155267	09/26/2017	19:15:07	Open Time	Park Hills Elementar - 54
5127318	152022	09/26/2017	07:18:06	152022	09/26/2017	19:05:27	Open Time	C C Woodson Rec Cent - 51
5130340	152022	09/26/2017	07:20:21	152022	09/26/2017	19:08:34	Open Time	C C Woodson Rec Cent - 46
5131972	138388	08/28/2017	09:12:57	138388	09/26/2017	19:05:44	>>Open Date<<	Absentee - 37
5131972	138388	08/28/2017	09:12:57	138388	09/26/2017	19:05:44	Open Time	Absentee - 37
5133545	137270	09/26/2017	07:01:47	137270	09/26/2017	19:08:18	Open Time	Ebenezer Baptist - 30

The following machines(s) have audit records but no ballots were cast on them: 5122054
 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 09/26/2017. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.