

Lexington 2018 State House Dist 69 Runoff Audit Report

Lexington Ballot Audit Report
 Election: 2018 State House Dist 69 Runoff
 Audit Date: 09:27:01, Thu Mar 15, 2018

Prec Nber	Precinct Name	EL30A							Audit				Comments
		Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Opt	Man	Delta	
0009	Seven Oaks	34	0	0	0	0	34	0	34	0	0	0	
0032	Cromer	140	0	0	0	0	140	0	140	0	0	0	
0033	Lexington #1	321	0	0	0	0	321	0	321	0	0	0	
0034	Lexington No. 2	7	0	0	0	0	7	0	7	0	0	0	
0050	Whi tehall	0	0	0	0	0	0	0	0	0	0	0	
0051	Gardendale	124	0	0	0	0	124	0	124	0	0	0	
0052	Woodl and Hi lls	83	0	0	0	0	83	0	83	0	0	0	
0053	Pi nevi ew	137	0	0	0	0	137	0	137	0	0	0	
0058	Grenadi er	59	0	0	0	0	59	0	59	0	0	0	
0062	Bush Ri ver	0	0	0	0	0	0	0	0	0	0	0	
0064	Pi lgrim Church	379	0	0	0	0	379	0	379	0	0	0	
0066	Fai th Church	117	0	0	0	0	117	0	117	0	0	0	
0068	Provi dence Church	151	0	0	0	0	151	0	151	0	0	0	
0070	Lexi ngton #3	198	0	0	0	0	198	0	198	0	0	0	
0071	Lexi ngton #4	258	0	0	0	0	258	0	258	0	0	0	
0072	Mi dway	201	0	0	0	0	201	0	201	0	0	0	
0079	Mt. Hebron	117	0	0	0	0	117	0	117	0	0	0	
0088	Oakwood	255	0	0	0	0	255	0	255	0	0	0	
0096	Ri ver Bl uff	281	0	0	0	0	281	0	281	0	0	0	
Precincts Total :		2862	0	0	0	0	2862	0	2862	0	0	0	
0750	Absentee	123	0	7	0	0	116	0	116	7	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	0	0	0	
0850	Fai l safe	3	0	2	0	0	1	0	1	2	0	0	
0900	Provi si onal	0	0	0	0	0	0	0	0	0	0	0	
0950	Fai l safe Provi si onal	0	0	0	0	0	0	0	0	0	0	0	
Virtual Precincts Total :		126	0	9	0	0	117	0	117	9	0	0	
Grand Total :		2988	0	9	0	0	2979	0	2979	9	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: 12
 The following precincts have no ballots cast in them: Whi tehall, Bush Ri ver, Emergency, Provi si onal, Fai l safe Provi si onal
 This audit is complete and has no exceptions.

Status of ERM Reports
 EL30A is marked Offi ci al
 EL45A is marked Offi ci al

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

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
2979	2979	2979
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	2977
	Cast By Poll Wkr	2
	Blank Cast by PW	0
	Cancelled Ballots	29
	Wrong Ballot	1
	Voter Left AB	0
	Voter Left BB	0
	Voter Request	1
	Printer Problem	1
	Terminal Problem	9
	Other Reason	17

(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: 5121677
 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 to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots

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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.

Lexington Vote Level Audit Report
Election: 2018 State House Dist 69 Runoff
Audit Date: 09:27:25, Thu Mar 15, 2018

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Precinct Number / Name Office	Candidate	Party	EL30A							Audit		Comments	
			Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Delta		
0009 Seven Oaks #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	8	0	0	0	0	8	0	8	0		
State House of Reps District 69	Chris Wooten		25	0	0	0	0	25	0	25	0		
0032 Cromer #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	65	0	0	0	0	65	0	65	0		
State House of Reps District 69	Chris Wooten		74	0	0	0	0	74	0	74	0		
0033 Lexington #1 #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	126	0	0	0	0	126	0	126	0		
State House of Reps District 69	Chris Wooten		195	0	0	0	0	195	0	195	0		
0034 Lexington No. 2 #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	5	0	0	0	0	5	0	5	0		
State House of Reps District 69	Chris Wooten		2	0	0	0	0	2	0	2	0		
0050 Whitehall #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.			
State House of Reps District 69	Chris Wooten		0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.			
0051 Gardendale #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	69	0	0	0	0	69	0	69	0		
State House of Reps District 69	Chris Wooten		55	0	0	0	0	55	0	55	0		
0052 Woodland Hills #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	50	0	0	0	0	50	0	50	0		
State House of Reps District 69	Chris Wooten		33	0	0	0	0	33	0	33	0		
0053 Pineriew #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	51	0	0	0	0	51	0	51	0		
State House of Reps District 69	Chris Wooten		83	0	0	0	0	83	0	83	0		
0058 Grenadier #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	25	0	0	0	0	25	0	25	0		
State House of Reps District 69	Chris Wooten		32	0	0	0	0	32	0	32	0		
0062 Bush River #####													
State House of Reps District 69	Anne Marie Eckstorm	Green	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.			
State House of Reps District 69	Chris Wooten		0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.			

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0064	Pilgrim Church #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	178	0	0	0	0	178	0	178	0	
	State House of Reps District 69	Chris Wooten	201	0	0	0	0	201	0	201	0	
0066	Faith Church #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	52	0	0	0	0	52	0	52	0	
	State House of Reps District 69	Chris Wooten	65	0	0	0	0	65	0	65	0	
0068	Providence Church #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	49	0	0	0	0	49	0	49	0	
	State House of Reps District 69	Chris Wooten	102	0	0	0	0	102	0	102	0	
0070	Lexington #3 #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	84	0	0	0	0	84	0	84	0	
	State House of Reps District 69	Chris Wooten	113	0	0	0	0	113	0	113	0	
0071	Lexington #4 #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	97	0	0	0	0	97	0	97	0	
	State House of Reps District 69	Chris Wooten	160	0	0	0	0	160	0	160	0	
0072	Midway #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	105	0	0	0	0	105	0	105	0	
	State House of Reps District 69	Chris Wooten	95	0	0	0	0	95	0	95	0	
0079	Mt. Hebron #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	57	0	0	0	0	57	0	57	0	
	State House of Reps District 69	Chris Wooten	59	0	0	0	0	59	0	59	0	
0088	Oakwood #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	114	0	0	0	0	114	0	114	0	
	State House of Reps District 69	Chris Wooten	140	0	0	0	0	140	0	140	0	
0096	River Bluff #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	135	0	0	0	0	135	0	135	0	
	State House of Reps District 69	Chris Wooten	146	0	0	0	0	146	0	146	0	
0750	Absentee #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	48	0	0	0	0	48	0	48	0	
	State House of Reps District 69	Chris Wooten	75	0	7	0	0	68	0	68	0	
0800	Emergency #####											
	State House of Reps District 69 expected.	Anne Marie Eckstorm Green	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.		
	State House of Reps District 69 expected.	Chris Wooten	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.		
0850	Fail safe #####											
	State House of Reps District 69	Anne Marie Eckstorm Green	3	0	2	0	0	1	0	1	0	

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State House of Reps District 69 expected.	Chris Wooten	0	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
0900 Provisional #####									
State House of Reps District 69 expected.	Anne Marie Eckstorm Green	0	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
State House of Reps District 69 expected.	Chris Wooten	0	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
0950 Fail safe Provisional #####									
State House of Reps District 69 expected.	Anne Marie Eckstorm Green	0	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
State House of Reps District 69 expected.	Chris Wooten	0	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data

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 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.

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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

 Lexington EL30A45A Comparison Report
 Election: 2018 State House Dist 69 Runoff
 Audit Date: 9:27:34, Thu Mar 15, 2018

+-----EL30A-----+				-----EL45A-----+												
Office	iVo	Flash	Delta	Candidate	Party	Tot	DS850	M650	DS200	M100	iVo	Flash	Tot	DS850	M650	DS200
M100																
State House of Reps District 69	0	1319	0	Anne Marie Eckstorm	Green	1321	0	2	0	0	1319	0	1321	0	2	0
State House of Reps District 69	0	1648	0	Chris Wooten		1655	0	7	0	0	1648	0	1655	0	7	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

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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.

Lexington PEB Use Report
Election: 2018 State House Dist 69 Runoff
Audit Date: 09:27:01, Thu Mar 15, 2018

Precinct	PEBs Used	Comments
Seven Oaks	155421	
Cromer	155246	
Lexington #1	137849	
Lexington No. 2	155477	
Gardendale	137656	
Woodland Hills	154560	
Pineview	154492	
Grenadier	155105	
Pilgrim Church	155319	
Faith Church	155706	
Providence Church	154443	150762 WARNING: 2 PEBs used to open/close machines.
Lexington #3	139343	
Lexington #4	155477	
Midway	155429	
Mt. Hebron	150762	
Oakwood	137429	
River Bluff	151393	
Absentee	155227	
Fallsafe	155227	

19 precincts processed

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The following precinct(s) have no ballots cast in them: Whitehall, Bush River, Emergency, Provisional, Fail safe 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.

 Lexington PEB Exceptions Report
 Election: 2018 State House Dist 69 Runoff
 Election date: 2018-03-13
 Audit Date: 09:27:01, Thu Mar 15, 2018

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5123701	155227	2018-03-02 07:47:24	155227	2018-03-13 19:01:13	>>Open Date<<	Absentee - 63
5123701	155227	2018-03-02 07:47:24	155227	2018-03-13 19:01:13	Open Time	Absentee - 63
5125618	155227	2018-03-02 07:49:40	155227	2018-03-13 19:02:34	>>Open Date<<	Absentee - 53
5125618	155227	2018-03-02 07:49:40	155227	2018-03-13 19:02:34	Open Time	Fail safe - 1 Absentee - 53
5136758	150762	2018-03-13 06:12:33	154443	2018-03-13 19:03:38	>>>0/C PEBs<<<	Fail safe - 1 Providence Church - 42

The following machines(s) have audit records but no ballots were cast on them: 5121677
 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

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- 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 2018-03-13. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.