

Fairfield 2016 Statewide Runoff Audit Report

Fairfield Ballot Audit Report
 Election: 2016 Statewide Runoff
 Audit Date: 11:39:06, Thu Jun 30, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Blackstock	14	0	14	0	14	0	0	0	
0002	Blairs	123	0	123	0	123	0	0	0	
0003	Centerville	31	0	31	0	31	0	0	0	
0004	Feasterville	84	0	84	0	84	0	0	0	
0005	Greenbrier	483	0	483	0	483	0	0	0	
0006	Gladden Grove	31	0	31	0	31	0	0	0	
0007	Jenkinsville	144	0	144	0	144	0	0	0	
0008	Horeb-Glenn	85	0	85	0	85	0	0	0	
0009	Hickory Ridge	275	0	275	0	275	0	0	0	
0010	Lebanon	248	0	248	0	248	0	0	0	
0011	Mitford	149	0	149	0	149	0	0	0	
0012	Monticello	161	0	161	0	161	0	0	0	
0013	New Hope	21	0	21	0	21	0	0	0	
0014	Ridgeway	406	0	406	0	406	0	0	0	
0015	Simpson	180	0	180	0	180	0	0	0	
0016	South Winstonsboro	196	0	196	0	196	0	0	0	
0017	Winstonsboro Mills	165	0	165	0	165	0	0	0	
0018	Winstonsboro No 1	366	0	366	0	366	0	0	0	
0019	Winstonsboro No 2	339	0	339	0	339	0	0	0	
0020	White Oak	85	0	85	0	85	0	0	0	
0021	Woodward	45	0	45	0	45	0	0	0	
0022	Dutchmans Creek	227	0	227	0	227	0	0	0	
Precincts Total:		3858	0	3858	0	3858	0	0	0	
0750	Absentee	640	55	585	0	585	55	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Failsafe	9	6	3	0	3	6	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		649	61	588	0	588	61	0	0	
Grand Total:		4507	61	4446	0	4446	61	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: 20
 The following precincts have no ballots cast in them: Emergency, Provisional
 This audit is complete and has no exceptions.

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

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
4446	4446	4446

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Delta from EL30A	0	0
Delta from EL155	0	0
Cast By Voter	4444	
Cast By Poll Wkr	2	
Blank Cast by PW	0	
Cancelled Ballots	13	
Wrong Ballot	0	
Voter Left AB	0	(AB = After ballot selected by poll worker.)
Voter Left BB	1	(BB = Before ballot selected by poll worker.)
Voter Request	0	
Printer Problem	0	
Terminal Problem	4	
Other Reason	8	

Number of ADA audio enabled events in this election: 2

Precinct Number and Name	Machine	Date	Time
0009 Hickory Ridge	5138281	06/22/2016	10:45:16
UNKN Unknown	5109516	06/22/2016	15:33:17

Election Date: 06/28/2016

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: 5109516, 5133006
 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 cast for transmission to the tabulation system.

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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.

 Fairfield Vote Level Audit Report
 Election: 2016 Statewide Runoff
 Audit Date: 11:41:58, Thu Jun 30, 2016

Precinct Number / Name Office	Candidate	Party	EL30A			Audit		Comments
			Total	Optical	iVo	Flash	iVo	

0001 Blackstock

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State Senate District 17	Creighton B Coleman	6	0	6	0	6	0
State Senate District 17	Mike Fanning	8	0	8	0	8	0
0002 Blair							
State Senate District 17	Creighton B Coleman	28	0	28	0	28	0
State Senate District 17	Mike Fanning	95	0	95	0	95	0
0003 Centerville							
State Senate District 17	Creighton B Coleman	23	0	23	0	23	0
State Senate District 17	Mike Fanning	8	0	8	0	8	0
0004 Feasterville							
State Senate District 17	Creighton B Coleman	36	0	36	0	36	0
State Senate District 17	Mike Fanning	48	0	48	0	48	0
0005 Greenbrier							
State Senate District 17	Creighton B Coleman	154	0	154	0	154	0
State Senate District 17	Mike Fanning	328	0	328	0	328	0
0006 Gladden Grove							
State Senate District 17	Creighton B Coleman	16	0	16	0	16	0
State Senate District 17	Mike Fanning	15	0	15	0	15	0
0007 Jenkinsville							
State Senate District 17	Creighton B Coleman	34	0	34	0	34	0
State Senate District 17	Mike Fanning	107	0	107	0	107	0
0008 Horeb-Glenn							
State Senate District 17	Creighton B Coleman	20	0	20	0	20	0
State Senate District 17	Mike Fanning	65	0	65	0	65	0
0009 Hickory Ridge							
State Senate District 17	Creighton B Coleman	98	0	98	0	98	0
State Senate District 17	Mike Fanning	177	0	177	0	177	0
0010 Lebanon							
State Senate District 17	Creighton B Coleman	153	0	153	0	153	0
State Senate District 17	Mike Fanning	95	0	95	0	95	0
0011 Mtford							
State Senate District 17	Creighton B Coleman	80	0	80	0	80	0
State Senate District 17	Mike Fanning	67	0	67	0	67	0
0012 Monticello							
State Senate District 17	Creighton B Coleman	42	0	42	0	42	0
State Senate District 17	Mike Fanning	119	0	119	0	119	0
0013 New Hope							
State Senate District 17	Creighton B Coleman	14	0	14	0	14	0
State Senate District 17	Mike Fanning	6	0	6	0	6	0
0014 Ridgeway							

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State Senate District 17	Creighton B Coleman	137	0	137	0	137	0
State Senate District 17	Mike Fanning	269	0	269	0	269	0
0015 Simpson							
State Senate District 17	Creighton B Coleman	65	0	65	0	65	0
State Senate District 17	Mike Fanning	114	0	114	0	114	0
0016 South Winstboro							
State Senate District 17	Creighton B Coleman	47	0	47	0	47	0
State Senate District 17	Mike Fanning	148	0	148	0	148	0
0017 Winstboro Mills							
State Senate District 17	Creighton B Coleman	88	0	88	0	88	0
State Senate District 17	Mike Fanning	77	0	77	0	77	0
0018 Winstboro No 1							
State Senate District 17	Creighton B Coleman	125	0	125	0	125	0
State Senate District 17	Mike Fanning	236	0	236	0	236	0
0019 Winstboro No 2							
State Senate District 17	Creighton B Coleman	170	0	170	0	170	0
State Senate District 17	Mike Fanning	168	0	168	0	168	0
0020 White Oak							
State Senate District 17	Creighton B Coleman	40	0	40	0	40	0
State Senate District 17	Mike Fanning	45	0	45	0	45	0
0021 Woodward							
State Senate District 17	Creighton B Coleman	17	0	17	0	17	0
State Senate District 17	Mike Fanning	27	0	27	0	27	0
0022 Dutchmans Creek							
State Senate District 17	Creighton B Coleman	179	0	179	0	179	0
State Senate District 17	Mike Fanning	48	0	48	0	48	0
0750 Absentee							
State Senate District 17	Creighton B Coleman	325	21	304	0	304	0
State Senate District 17	Mike Fanning	311	34	277	0	277	0
0800 Emergency							
State Senate District 17	Creighton B Coleman	0	0	0	0	0	* No Audit Data expected or found
State Senate District 17	Mike Fanning	0	0	0	0	0	* No Audit Data expected or found
0850 Fallsafe							
State Senate District 17	Creighton B Coleman	3	2	1	0	1	0
State Senate District 17	Mike Fanning	6	4	2	0	2	0
0900 Provisional							
State Senate District 17	Creighton B Coleman	0	0	0	0	0	* No Audit Data expected or found
State Senate District 17	Mike Fanning	0	0	0	0	0	* No Audit Data expected or found

There was no unmatched audit data

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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

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Audit Date: 11:42:10, Thu Jun 30, 2016

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
State Senate District 17	Craigton B Coleman		1900	23	1877	0	1900	23	1877	0	0
State Senate District 17	Mike Fanning		2587	38	2549	0	2587	38	2549	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.

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.

Fairfield PEB Use Report
 Election: 2016 Statewide Runoff
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Precinct	PEBs Used	Comments
Blackstock	143868	
Blairs	154720	
Centerville	147747	
Feasterville	229474	

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Greenbrier	154698
Gladden Grove	150601
Jenkinsville	154748
Horeb-Glenn	234099
Hickory Ridge	233575
Lebanon	233508
Mitford	147668
Monticello	229475
New Hope	145471
Ridgeway	153758
Simpson	154753
South Winstboro	146468
Winstboro Mills	154252
Winstboro No 1	154673
Winstboro No 2	125014
White Oak	153536
Woodward	136778
Dutchmans Creek	153858
Absentee	145454
Failsafe	145454

24 precincts processed

The following precinct(s) have no ballots cast in them: Emergency, 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.

Fairfield PEB Exceptions Report
 Election: 2016 Statewide Runoff
 Election date: 06/28/2016
 Audit Date: 11:39:06, Thu Jun 30, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
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5123612	145454	06/21/2016	08:59:09	145454	06/28/2016	19:03:15	>>Open Date<<	Absentee - 296
								Fail safe - 1
5123612	145454	06/21/2016	08:59:09	145454	06/28/2016	19:03:15	Open Time	Absentee - 296
								Fail safe - 1
5125402	145454	06/21/2016	09:01:34	145454	06/28/2016	19:05:37	>>Open Date<<	Absentee - 63
5125402	145454	06/21/2016	09:01:34	145454	06/28/2016	19:05:37	Open Time	Absentee - 63
5130278	145454	06/21/2016	08:57:52	145454	06/28/2016	19:01:35	>>Open Date<<	Absentee - 226
								Fail safe - 2
5130278	145454	06/21/2016	08:57:52	145454	06/28/2016	19:01:35	Open Time	Absentee - 226
								Fail safe - 2

The following machines(s) have audit records but no ballots were cast on them: 5109516, 5133006
 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 Fail safe precinct machines are opened during the middle of the day several days before the election date of 06/28/2016. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.