

Kershaw 2016 Statewide Primary Audit Report

Kershaw Ballot Audit Report  
 Election: 2016 Statewide Primary  
 Audit Date: 11:22:09, Thu Jun 16, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	i Vo	Flash	i Vo	Opt	Man	Delta	
0101	Airport	14	0	14	0	14	0	0	0	
0102	Anti och	39	0	39	0	39	0	0	0	
0103	Bethune	87	0	87	0	87	0	0	0	
0105	Buffalo	12	0	12	0	12	0	0	0	
0107	Camden #1	17	0	17	0	17	0	0	0	
0108	Camden #2	10	0	10	0	10	0	0	0	
0109	Hobkirk's Hill	43	0	43	0	43	0	0	0	
0111	Camden #5	29	0	29	0	29	0	0	0	
0112	Camden #5A	0	0	0	0	0	0	0	0	
0113	Camden #6	10	0	10	0	10	0	0	0	
0115	Cassatt	66	0	66	0	66	0	0	0	
0117	Charlotte Thompson	21	0	21	0	21	0	0	0	
0119	Doby's Mill	60	0	60	0	60	0	0	0	
0121	E Camden/Hermitage	9	0	9	0	9	0	0	0	
0122	Elgin #1	164	0	164	0	164	0	0	0	
0123	Elgin #2	68	0	68	0	68	0	0	0	
0124	Elgin #3	93	0	93	0	93	0	0	0	
0125	Elgin #4	70	0	70	0	70	0	0	0	
0126	Elgin #5	75	0	75	0	75	0	0	0	
0127	Elgin #6	43	0	43	0	43	0	0	0	
0130	Gates Ford	17	0	17	0	17	0	0	0	
0131	Liberty Hill	26	0	26	0	26	0	0	0	
0132	Lugoff #1	41	0	41	0	41	0	0	0	
0133	Lugoff #2	40	0	40	0	40	0	0	0	
0134	Lugoff #3	49	0	49	0	49	0	0	0	
0135	Lugoff #4	32	0	32	0	32	0	0	0	
0140	Malvern Hill	13	0	13	0	13	0	0	0	
0143	Rabon's CrossRoads	88	0	88	0	88	0	0	0	
0146	Riverdale	7	0	7	0	7	0	0	0	
0147	Salt Pond	52	0	52	0	52	0	0	0	
0149	Shaylor's Hill	41	0	41	0	41	0	0	0	
0150	Springdale	45	0	45	0	45	0	0	0	
0152	Westville	33	0	33	0	33	0	0	0	
0154	Whites Gardens	22	0	22	0	22	0	0	0	
Precincts Total :		1436	0	1436	0	1436	0	0	0	
0750	Absentee	170	56	114	0	114	56	0	0	
0800	Emergency	3	3	0	0	0	3	0	0	
0850	Failsafe	0	0	0	0	0	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	
0950	Failsafe Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total :		173	59	114	0	114	59	0	0	
Grand Total :		1609	59	1550	0	1550	59	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: 16

The following precincts have no ballots cast in them: Camden #5A, Fail safe, Provisional, Fail safe 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
1550 Delta from EL30A	1550 0 Delta from EL155	1550 0 0
	Cast By Voter	1548
	Cast By Poll Wkr	2
	Blank Cast by PW	0
	Cancelled Ballots	52
	Wrong Ballot	8
	Voter Left AB	0
	Voter Left BB	3
	Voter Request	9
	Printer Problem	2
	Terminal Problem	5
	Other Reason	25

(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: 5103848, 5118231, 5120757, 5123573, 5124805, 5126173, 5131180, 5131938, 5134111, 5136474, 5139567

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 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 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	
0101 Airport									
REP - U. S. House of Rep. District 5	Ray Craig		3	0	3	0	3	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney		11	0	11	0	11	0	
0102 Antioch									
DEM - State House of Rep. District 50	Brian Alston		6	0	6	0	6	0	
DEM - State House of Rep. District 50	Crystal K Cunningham		0	0	0	0	* No Audit Data	expected or found	
DEM - State House of Rep. District 50	Tom Drayton		10	0	10	0	10	0	
DEM - State House of Rep. District 50	Keith Johnson		0	0	0	0	* No Audit Data	expected or found	
DEM - State House of Rep. District 50	Demoi ne Ki nney		1	0	1	0	1	0	
DEM - State House of Rep. District 50	Will Wheeler		10	0	10	0	10	0	
REP - U. S. House of Rep. District 5	Ray Craig		3	0	3	0	3	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney		8	0	8	0	8	0	
0103 Bethune									
DEM - State House of Rep. District 50	Brian Alston		4	0	4	0	4	0	
DEM - State House of Rep. District 50	Crystal K Cunningham		4	0	4	0	4	0	
DEM - State House of Rep. District 50	Tom Drayton		13	0	13	0	13	0	
DEM - State House of Rep. District 50	Keith Johnson		1	0	1	0	1	0	
DEM - State House of Rep. District 50	Demoi ne Ki nney		15	0	15	0	15	0	
DEM - State House of Rep. District 50	Will Wheeler		24	0	24	0	24	0	
REP - U. S. House of Rep. District 5	Ray Craig		3	0	3	0	3	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney		20	0	20	0	20	0	
0105 Buffalo									
REP - U. S. House of Rep. District 5	Ray Craig		1	0	1	0	1	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney		11	0	11	0	11	0	
0107 Camden #1									
REP - U. S. House of Rep. District 5	Ray Craig		4	0	4	0	4	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney		13	0	13	0	13	0	
0108 Camden #2									
REP - U. S. House of Rep. District 5	Ray Craig		1	0	1	0	1	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney		9	0	9	0	9	0	
0109 Hobkirk's Hill									
REP - U. S. House of Rep. District 5	Ray Craig		11	0	11	0	11	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney		32	0	32	0	32	0	
0111 Camden #5									
REP - U. S. House of Rep. District 5	Ray Craig		7	0	7	0	7	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney		22	0	22	0	22	0	
0112 Camden #5A									
REP - U. S. House of Rep. District 5	Ray Craig		0	0	0	0	* No Audit Data	expected or found	
REP - U. S. House of Rep. District 5	Mick Mulvaney		0	0	0	0	* No Audit Data	expected or found	

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0113	Camden #6						
REP - U. S. House of Rep. District 5	Ray Craig	6	0	6	0	6	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	4	0	4	0	4	0
0115	Cassatt						
DEM - State House of Rep. District 50	Brian Alston	9	0	9	0	9	0
DEM - State House of Rep. District 50	Crystal K Cunningham	5	0	5	0	5	0
DEM - State House of Rep. District 50	Tom Drayton	12	0	12	0	12	0
DEM - State House of Rep. District 50	Keith Johnson	3	0	3	0	3	0
DEM - State House of Rep. District 50	Demoiné Kinney	0	0	0	0	* No Audit Data expected or found	
DEM - State House of Rep. District 50	Will Wheeler	10	0	10	0	10	0
REP - U. S. House of Rep. District 5	Ray Craig	4	0	4	0	4	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	23	0	23	0	23	0
0117	Charlotte Thompson						
REP - U. S. House of Rep. District 5	Ray Craig	5	0	5	0	5	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	15	0	15	0	15	0
0119	Doby's Mill						
DEM - State House of Rep. District 80	Jimmy Bales	12	0	12	0	12	0
DEM - State House of Rep. District 80	Brian Burke	3	0	3	0	3	0
DEM - State House of Rep. District 80	Lawrence Moore	9	0	9	0	9	0
REP - U. S. House of Rep. District 5	Ray Craig	10	0	10	0	10	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	26	0	26	0	26	0
REP - County Council District 3	Melissa Brazell-Emmons	6	0	6	0	6	0
REP - County Council District 3	Ben Connell	11	0	11	0	11	0
0121	E Camden/Hermitage						
REP - U. S. House of Rep. District 5	Ray Craig	0	0	0	0	* No Audit Data expected or found	
REP - U. S. House of Rep. District 5	Mick Mulvaney	9	0	9	0	9	0
0122	Elgin #1						
DEM - State House of Rep. District 80	Jimmy Bales	17	0	17	0	17	0
DEM - State House of Rep. District 80	Brian Burke	4	0	4	0	4	0
DEM - State House of Rep. District 80	Lawrence Moore	5	0	5	0	5	0
REP - U. S. House of Rep. District 5	Ray Craig	34	0	34	0	34	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	95	0	95	0	95	0
REP - County Council District 3	Melissa Brazell-Emmons	53	0	53	0	53	0
REP - County Council District 3	Ben Connell	85	0	85	0	85	0
0123	Elgin #2						
DEM - State House of Rep. District 80	Jimmy Bales	4	0	4	0	4	0
DEM - State House of Rep. District 80	Brian Burke	4	0	4	0	4	0
DEM - State House of Rep. District 80	Lawrence Moore	16	0	16	0	16	0
REP - U. S. House of Rep. District 5	Ray Craig	4	0	4	0	4	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	39	0	39	0	39	0
REP - County Council District 3	Melissa Brazell-Emmons	13	0	13	0	13	0
REP - County Council District 3	Ben Connell	25	0	25	0	25	0
0124	Elgin #3						
DEM - State House of Rep. District 80	Jimmy Bales	5	0	5	0	5	0
DEM - State House of Rep. District 80	Brian Burke	3	0	3	0	3	0

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DEM - State House of Rep. District 80	Lawrence Moore	6	0	6	0	6	0
REP - U. S. House of Rep. District 5	Ray Craig	12	0	12	0	12	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	62	0	62	0	62	0
REP - County Council District 3	Melissa Brazell -Emmons	20	0	20	0	20	0
REP - County Council District 3	Ben Connell	57	0	57	0	57	0
0125 Elgin #4							
DEM - State House of Rep. District 80	Jimmy Bales	6	0	6	0	6	0
DEM - State House of Rep. District 80	Brian Burke	6	0	6	0	6	0
DEM - State House of Rep. District 80	Lawrence Moore	4	0	4	0	4	0
REP - U. S. House of Rep. District 5	Ray Craig	10	0	10	0	10	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	42	0	42	0	42	0
REP - County Council District 3	Melissa Brazell -Emmons	24	0	24	0	24	0
REP - County Council District 3	Ben Connell	11	0	11	0	11	0
0126 Elgin #5							
DEM - State House of Rep. District 80	Jimmy Bales	6	0	6	0	6	0
DEM - State House of Rep. District 80	Brian Burke	4	0	4	0	4	0
DEM - State House of Rep. District 80	Lawrence Moore	4	0	4	0	4	0
REP - U. S. House of Rep. District 5	Ray Craig	10	0	10	0	10	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	45	0	45	0	45	0
REP - County Council District 3	Melissa Brazell -Emmons	28	0	28	0	28	0
REP - County Council District 3	Ben Connell	19	0	19	0	19	0
0127 Elgin #6							
DEM - State House of Rep. District 80	Jimmy Bales	8	0	8	0	8	0
DEM - State House of Rep. District 80	Brian Burke	3	0	3	0	3	0
DEM - State House of Rep. District 80	Lawrence Moore	3	0	3	0	3	0
REP - U. S. House of Rep. District 5	Ray Craig	1	0	1	0	1	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	26	0	26	0	26	0
REP - County Council District 3	Melissa Brazell -Emmons	9	0	9	0	9	0
REP - County Council District 3	Ben Connell	8	0	8	0	8	0
0130 Gates Ford							
REP - U. S. House of Rep. District 5	Ray Craig	4	0	4	0	4	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	12	0	12	0	12	0
0131 Liberty Hill							
REP - U. S. House of Rep. District 5	Ray Craig	9	0	9	0	9	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	17	0	17	0	17	0
0132 Lugoff #1							
REP - U. S. House of Rep. District 5	Ray Craig	5	0	5	0	5	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	36	0	36	0	36	0
0133 Lugoff #2							
REP - U. S. House of Rep. District 5	Ray Craig	5	0	5	0	5	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	33	0	33	0	33	0
0134 Lugoff #3							
REP - U. S. House of Rep. District 5	Ray Craig	9	0	9	0	9	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	37	0	37	0	37	0

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0135	Lugoff #4							
REP - U. S. House of Rep.	District 5	Ray Craig	4	0	4	0	4	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	28	0	28	0	28	0
0140	Malvern Hill							
REP - U. S. House of Rep.	District 5	Ray Craig	3	0	3	0	3	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	10	0	10	0	10	0
0143	Rabon's CrossRoads							
REP - U. S. House of Rep.	District 5	Ray Craig	26	0	26	0	26	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	60	0	60	0	60	0
0146	Riverdale							
REP - U. S. House of Rep.	District 5	Ray Craig	1	0	1	0	1	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	6	0	6	0	6	0
0147	Salt Pond							
REP - U. S. House of Rep.	District 5	Ray Craig	14	0	14	0	14	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	38	0	38	0	38	0
0149	Shaylor's Hill							
REP - U. S. House of Rep.	District 5	Ray Craig	9	0	9	0	9	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	31	0	31	0	31	0
0150	Springdale							
REP - U. S. House of Rep.	District 5	Ray Craig	9	0	9	0	9	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	36	0	36	0	36	0
0152	Westville							
REP - U. S. House of Rep.	District 5	Ray Craig	9	0	9	0	9	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	23	0	23	0	23	0
0154	Whites Gardens							
REP - U. S. House of Rep.	District 5	Ray Craig	8	0	8	0	8	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	13	0	13	0	13	0
0750	Absentee							
DEM - State House of Rep.	District 50	Brian Alston	3	0	3	0	3	0
DEM - State House of Rep.	District 50	Crystal K Cunningham	0	0	0	0	* No Audit Data expected or found	
DEM - State House of Rep.	District 50	Tom Drayton	1	0	1	0	1	0
DEM - State House of Rep.	District 50	Keith Johnson	0	0	0	0	* No Audit Data expected or found	
DEM - State House of Rep.	District 50	Demoiné Kinney	1	1	0	0	* All votes cast for this candidate in this precinct are optical.	
							* No Audit Data for optical.	
DEM - State House of Rep.	District 50	Will Wheeler	5	0	5	0	5	0
DEM - State House of Rep.	District 80	Jimmy Bales	8	4	4	0	4	0
DEM - State House of Rep.	District 80	Brian Burke	0	0	0	0	* No Audit Data expected or found	
DEM - State House of Rep.	District 80	Lawrence Moore	7	5	2	0	2	0
REP - U. S. House of Rep.	District 5	Ray Craig	40	12	28	0	28	0
REP - U. S. House of Rep.	District 5	Mick Mulvaney	103	32	71	0	71	0

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REP - County Council District 3	Melissa Brazell -Emmons	13	6	7	0	7	0
REP - County Council District 3	Ben Connell	16	3	13	0	13	0
0800 Emergency							
DEM - State House of Rep. District 50	Brian Alston	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Crystal K Cunningham	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Tom Drayton	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Keith Johnson	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Demoiné Kinney	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Will Wheeler	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 80	Jimmy Bales	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 80	Brian Burke	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 80	Lawrence Moore	0	0	0	0	*	No Audit Data expected or found
REP - U. S. House of Rep. District 5	Ray Craig	1	1	0	0	*	All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.
REP - U. S. House of Rep. District 5	Mick Mulvaney	2	2	0	0	*	All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.
REP - County Council District 3	Melissa Brazell -Emmons	2	2	0	0	*	All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.
REP - County Council District 3	Ben Connell	0	0	0	0	*	No Audit Data expected or found
0850 Fail safe							
DEM - State House of Rep. District 50	Brian Alston	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Crystal K Cunningham	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Tom Drayton	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Keith Johnson	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Demoiné Kinney	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Will Wheeler	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 80	Jimmy Bales	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 80	Brian Burke	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 80	Lawrence Moore	0	0	0	0	*	No Audit Data expected or found
REP - U. S. House of Rep. District 5	Ray Craig	0	0	0	0	*	No Audit Data expected or found
REP - U. S. House of Rep. District 5	Mick Mulvaney	0	0	0	0	*	No Audit Data expected or found
REP - County Council District 3	Melissa Brazell -Emmons	0	0	0	0	*	No Audit Data expected or found
REP - County Council District 3	Ben Connell	0	0	0	0	*	No Audit Data expected or found
0900 Provisional							
DEM - State House of Rep. District 50	Brian Alston	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Crystal K Cunningham	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Tom Drayton	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Keith Johnson	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Demoiné Kinney	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 50	Will Wheeler	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 80	Jimmy Bales	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 80	Brian Burke	0	0	0	0	*	No Audit Data expected or found
DEM - State House of Rep. District 80	Lawrence Moore	0	0	0	0	*	No Audit Data expected or found



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REP - U. S. House of Rep. District 5	Ray Craig	0	0	0	0 * No Audit Data expected or found
REP - U. S. House of Rep. District 5	Mick Mulvaney	0	0	0	0 * No Audit Data expected or found
REP - County Council District 3	Melissa Brazell-Emmons	0	0	0	0 * No Audit Data expected or found
REP - County Council District 3	Ben Connell	0	0	0	0 * No Audit Data expected or found
0950 Failsafe Provisional					
REP - U. S. House of Rep. District 5	Ray Craig	0	0	0	0 * No Audit Data expected or found
REP - U. S. House of Rep. District 5	Mick Mulvaney	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 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.

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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

Kershaw EL30A45A Comparison Report  
 Election: 2016 Statewide Primary  
 Audit Date: 11:23:18, Thu Jun 16, 2016

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
U. S. House of Rep. District 5	Ray Craig		285	13	272	0	285	13	272	0	0
U. S. House of Rep. District 5	Mick Mulvaney		997	34	963	0	997	34	963	0	0
State House of Rep. District 50	Brian Alston		22	0	22	0	22	0	22	0	0
State House of Rep. District 50	Crystal K Cunningham		9	0	9	0	9	0	9	0	0
State House of Rep. District 50	Tom Drayton		36	0	36	0	36	0	36	0	0
State House of Rep. District 50	Keith Johnson		4	0	4	0	4	0	4	0	0
State House of Rep. District 50	Demoi ne Ki nney		17	1	16	0	17	1	16	0	0
State House of Rep. District 50	Will Wheeler		49	0	49	0	49	0	49	0	0
State House of Rep. District 80	Jimmy Bales		66	4	62	0	66	4	62	0	0
State House of Rep. District 80	Brian Burke		27	0	27	0	27	0	27	0	0
State House of Rep. District 80	Lawrence Moore		54	5	49	0	54	5	49	0	0
County Council District 3	Melissa Brazell -Emmons		168	8	160	0	168	8	160	0	0
County Council District 3	Ben Connell		232	3	229	0	232	3	229	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

Kershaw 2016 Statewide Primary Audit Report

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.

Kershaw PEB Use Report

Electi on: 2016 Statewi de Pri mary

Audi t Date: 11: 22: 09, Thu Jun 16, 2016

Preci nct	PEBs Used	Comments
Ai rport	148937	
Anti och	150848	
Bethune	148855	
Buffal o	148892	
Camden #1	150095	
Camden #2	150522	
Hobki rk' s Hi ll	150769	
Camden #5	157917	
Camden #6	148950	
Cassatt	142455	
Charl otte Thompson	136680	150702 WARNING: 2 PEBs used to open/cl ose machi nes.
Doby' s Mi ll	160744	
E Camden/Hermi tage	150100	
El gi n #1	150574	
El gi n #2	150697	
El gi n #3	171356	
El gi n #4	150208	
El gi n #5	148867	
El gi n #6	150907	
Gates Ford	137875	
Li berty Hi ll	150655	
Lugoff #1	241777	
Lugoff #2	166125	
Lugoff #3	106466	
Lugoff #4	137552	
Mal vern Hi ll	148930	
Rabon' s CrossRoads	150525	
Ri verdal e	148925	
Sal t Pond	169060	
Shayl or' s Hi ll	150916	
Spr i ngdal e	150964	
Westvi ll e	118537	

Kershaw 2016 Statewide Primary Audit Report

Whites Gardens 202274  
Absentee 241770

34 precincts processed

The following precinct(s) have no ballots cast in them: Camden #5A, Failsafe, Provisional, Failsafe Provisional  
Note: if there are no ballots cast in a precinct the machines in that precinct cannot be identified so these precinct(s) will not appear in this report.

How to read this report.

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

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

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Kershaw PEB Exceptions Report  
Election: 2016 Statewide Primary  
Election date: 06/14/2016  
Audit Date: 11:22:09, Thu Jun 16, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5112906	241770	05/16/2016 14:18:27	241770	06/14/2016 19:02:20	>>Open Date<<	Absentee - 108
5112906	241770	05/16/2016 14:18:27	241770	06/14/2016 19:02:20	Open Time	Absentee - 108
5121044	150100	06/14/2016 07:02:31	150100	06/14/2016 19:02:44	Open Time	E Camden/Hermitage - 4
5121102	241770	05/16/2016 15:20:33	241770	06/14/2016 20:04:25	>>Open Date<<	Absentee - 6
5121102	241770	05/16/2016 15:20:33	241770	06/14/2016 20:04:25	Open Time	Absentee - 6
5122120	150100	06/14/2016 07:01:19	150100	06/14/2016 19:02:18	Open Time	E Camden/Hermitage - 5
5127100	157917	06/14/2016 09:39:05	157917	06/14/2016 19:17:55	Open Time	Camden #5 - 22
5127935	136680	06/14/2016 06:33:07	150702	06/14/2016 19:03:52	>>>O/C PEBs<<<	Charlotte Thompson - 4
5130732	148867	06/14/2016 10:29:20	148867	06/14/2016 19:07:49	Open Time	Elgin #5 - 1
5159685	106466	06/14/2016 07:02:29	106466	06/14/2016 19:03:58	Open Time	Lugoff #3 - 2

The following machines(s) have audit records but no ballots were cast on them: 5103848, 5118231, 5120757, 5123573, 5124805, 5126173, 5131180, 5131938, 5134111, 5136474, 5139567  
Because they do not have ballots cast, they cannot be matched to a precinct.

How to read this report.

Kershaw 2016 Statewide Primary Audit 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 06/14/2016. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.