

Kershaw 2018 Statewide Primary Runoff Audit Report

Kershaw Ballot Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 11:27:19, Thu Jun 28, 2018

Prec Nber	Precinct Name	EL30A							Audit				Comments
		Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Opt	Man	Delta	
0101	Airport	280	0	0	0	0	280	0	280	0	0	0	
0102	Antioch	180	0	0	0	0	180	0	180	0	0	0	
0103	Bethune	262	0	0	0	0	262	0	262	0	0	0	
0105	Buffalo	191	0	0	0	0	191	0	191	0	0	0	
0107	Camden #1	188	0	0	0	0	188	0	188	0	0	0	
0108	Camden #2	70	0	0	0	0	70	0	70	0	0	0	
0109	Hobkirk's Hill	429	0	0	0	0	429	0	429	0	0	0	
0111	Camden #5	232	0	0	0	0	232	0	232	0	0	0	
0112	Camden #5A	70	0	0	0	0	70	0	70	0	0	0	
0113	Camden #6	82	0	0	0	0	82	0	82	0	0	0	
0115	Cassatt	285	0	0	0	0	285	0	285	0	0	0	
0117	Charlotte Thompson	279	0	0	0	0	279	0	279	0	0	0	
0119	Doby's Mill	263	0	0	0	0	263	0	263	0	0	0	
0121	E Camden/Hermitage	99	0	0	0	0	99	0	99	0	0	0	
0122	Elgin #1	388	0	0	0	0	388	0	388	0	0	0	
0123	Elgin #2	280	0	0	0	0	280	0	280	0	0	0	
0124	Elgin #3	228	0	0	0	0	228	0	228	0	0	0	
0125	Elgin #4	281	0	0	0	0	281	0	281	0	0	0	
0126	Elgin #5	224	0	0	0	0	224	0	224	0	0	0	
0127	Elgin #6	145	0	0	0	0	145	0	145	0	0	0	
0130	Gates Ford	94	0	0	0	0	94	0	94	0	0	0	
0131	Liberty Hill	105	0	0	0	0	105	0	105	0	0	0	
0132	Lugoff #1	254	0	0	0	0	254	0	254	0	0	0	
0133	Lugoff #2	327	0	0	0	0	327	0	327	0	0	0	
0134	Lugoff #3	341	0	0	0	0	341	0	341	0	0	0	
0135	Lugoff #4	342	0	0	0	0	342	0	342	0	0	0	
0140	Malvern Hill	282	0	0	0	0	282	0	282	0	0	0	
0143	Rabon's CrossRoads	556	0	0	0	0	556	0	556	0	0	0	
0146	Riverville	37	0	0	0	0	37	0	37	0	0	0	
0147	Salt Pond	282	0	0	0	0	282	0	282	0	0	0	
0149	Shaylor's Hill	182	0	0	0	0	182	0	182	0	0	0	
0150	Sprigdale	329	0	0	0	0	329	0	329	0	0	0	
0152	Westville	327	0	0	0	0	327	0	327	0	0	0	
0154	Whites Gardens	300	0	0	0	0	300	0	300	0	0	0	
Precincts Total:		8214	0	0	0	0	8214	0	8214	0	0	0	
0750	Absentee	1011	0	0	0	59	952	0	952	0	59	0	
0800	Emergency	27	0	0	0	27	0	0	27	0	0	0	
0850	Failsafe	22	0	0	0	4	18	0	18	4	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	0	0	0	
0950	Failsafe Provisional	0	0	0	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		1060	0	0	0	90	970	0	970	31	59	0	
Grand Total:		9274	0	0	0	90	9184	0	9184	31	59	0	

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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: 19

The following precincts have no ballots cast in them: Provisional, Failsafe Provisional

Exception: Manual Entries found

Manual Entry Details:

Precinct	Candidate	Date	Hour	Min	Group	Old	New	Change	Tabulator	Comments
0750 Absentee	BALLOTS CAST - TOTAL	06-26	19	38pm	4	0	59	59	M100	Updated Successfully
0800 Emergency	BALLOTS CAST - TOTAL	06-28	10	52am	4	0	27	27	M100	Already Updated
0850 Failsafe	BALLOTS CAST - TOTAL	06-28	10	50am	4	0	4	4	M100	Already Updated

 # This audit has exceptions. #
 #####

Auditor's Note: Primary optical ballots were used and manual entries made.

Status of ERM Reports

EL30A is marked Official

EL45A is marked Official

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

EL30A iVo Ballots	EL155 Ballots	EL152 Ballots
9184	9184	9184
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	9183
	Cast By Poll Wkr	1
	Blank Cast by PW	0
	Cancelled Ballots	35
	Wrong Ballot	8
	Voter Left AB	1
	Voter Left BB	1
	Voter Request	2
	Printer Problem	4
	Terminal Problem	5
	Other Reason	14

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

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

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 of 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

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validate the poll worker's choice.

Kershaw Vote Level Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 11:29:34, Thu Jun 28, 2018

Precinct Number / Name Office	Candidate	Party	EL30A						Audit		Comments	
			Total	DS850	M650	DS200	M100	iVo	Flash	iVo		Delta
0101 Airtort #####												
REP - Governor	Henry McMaster		189	0	0	0	0	189	0	189	0	
REP - Governor	John Warren		88	0	0	0	0	88	0	88	0	
REP - Attorney General	Todd Atwater		97	0	0	0	0	97	0	97	0	
REP - Attorney General	Alan Wilson		174	0	0	0	0	174	0	174	0	
REP - Sheriff	Lee Boan		175	0	0	0	0	175	0	175	0	
REP - Sheriff	Jack Rushing		104	0	0	0	0	104	0	104	0	
REP - County Council District 5	David Snodgrass		131	0	0	0	0	131	0	131	0	
REP - County Council District 5	Brant Tomlinson		91	0	0	0	0	91	0	91	0	
0102 Antioch #####												
REP - Governor	Henry McMaster		127	0	0	0	0	127	0	127	0	
REP - Governor	John Warren		52	0	0	0	0	52	0	52	0	
REP - Attorney General	Todd Atwater		55	0	0	0	0	55	0	55	0	
REP - Attorney General	Alan Wilson		119	0	0	0	0	119	0	119	0	
REP - Sheriff	Lee Boan		120	0	0	0	0	120	0	120	0	
REP - Sheriff	Jack Rushing		57	0	0	0	0	57	0	57	0	
REP - County Council District 5	David Snodgrass		45	0	0	0	0	45	0	45	0	
REP - County Council District 5	Brant Tomlinson		116	0	0	0	0	116	0	116	0	
0103 Bethune #####												
REP - Governor	Henry McMaster		180	0	0	0	0	180	0	180	0	
REP - Governor	John Warren		79	0	0	0	0	79	0	79	0	
REP - Attorney General	Todd Atwater		91	0	0	0	0	91	0	91	0	
REP - Attorney General	Alan Wilson		162	0	0	0	0	162	0	162	0	
REP - Sheriff	Lee Boan		190	0	0	0	0	190	0	190	0	
REP - Sheriff	Jack Rushing		70	0	0	0	0	70	0	70	0	
0105 Buffalo #####												
REP - Governor	Henry McMaster		139	0	0	0	0	139	0	139	0	
REP - Governor	John Warren		50	0	0	0	0	50	0	50	0	
REP - Attorney General	Todd Atwater		62	0	0	0	0	62	0	62	0	
REP - Attorney General	Alan Wilson		115	0	0	0	0	115	0	115	0	
REP - Sheriff	Lee Boan		138	0	0	0	0	138	0	138	0	
REP - Sheriff	Jack Rushing		50	0	0	0	0	50	0	50	0	
0107 Camden #1 #####												
REP - Governor	Henry McMaster		120	0	0	0	0	120	0	120	0	
REP - Governor	John Warren		67	0	0	0	0	67	0	67	0	

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REP - Attorney General	Todd Atwater	62	0	0	0	0	62	0	62	0
REP - Attorney General	Alan Wilson	113	0	0	0	0	113	0	113	0
REP - Sheriff	Lee Boan	112	0	0	0	0	112	0	112	0
REP - Sheriff	Jack Rushing	76	0	0	0	0	76	0	76	0
REP - County Council District 5	David Snodgrass	101	0	0	0	0	101	0	101	0
REP - County Council District 5	Brant Tomlinson	64	0	0	0	0	64	0	64	0
0108 Camden #2 #####										
REP - Governor	Henry McMaster	38	0	0	0	0	38	0	38	0
REP - Governor	John Warren	32	0	0	0	0	32	0	32	0
REP - Attorney General	Todd Atwater	28	0	0	0	0	28	0	28	0
REP - Attorney General	Alan Wilson	40	0	0	0	0	40	0	40	0
REP - Sheriff	Lee Boan	31	0	0	0	0	31	0	31	0
REP - Sheriff	Jack Rushing	38	0	0	0	0	38	0	38	0
REP - County Council District 5	David Snodgrass	32	0	0	0	0	32	0	32	0
REP - County Council District 5	Brant Tomlinson	35	0	0	0	0	35	0	35	0
0109 Hobkirk's Hill #####										
REP - Governor	Henry McMaster	263	0	0	0	0	263	0	263	0
REP - Governor	John Warren	159	0	0	0	0	159	0	159	0
REP - Attorney General	Todd Atwater	147	0	0	0	0	147	0	147	0
REP - Attorney General	Alan Wilson	243	0	0	0	0	243	0	243	0
REP - Sheriff	Lee Boan	159	0	0	0	0	159	0	159	0
REP - Sheriff	Jack Rushing	265	0	0	0	0	265	0	265	0
REP - County Council District 5	David Snodgrass	179	0	0	0	0	179	0	179	0
REP - County Council District 5	Brant Tomlinson	231	0	0	0	0	231	0	231	0
0111 Camden #5 #####										
REP - Governor	Henry McMaster	122	0	0	0	0	122	0	122	0
REP - Governor	John Warren	108	0	0	0	0	108	0	108	0
REP - Attorney General	Todd Atwater	80	0	0	0	0	80	0	80	0
REP - Attorney General	Alan Wilson	142	0	0	0	0	142	0	142	0
REP - Sheriff	Lee Boan	125	0	0	0	0	125	0	125	0
REP - Sheriff	Jack Rushing	107	0	0	0	0	107	0	107	0
0112 Camden #5A #####										
REP - Governor	Henry McMaster	40	0	0	0	0	40	0	40	0
REP - Governor	John Warren	30	0	0	0	0	30	0	30	0
REP - Attorney General	Todd Atwater	24	0	0	0	0	24	0	24	0
REP - Attorney General	Alan Wilson	44	0	0	0	0	44	0	44	0
REP - Sheriff	Lee Boan	42	0	0	0	0	42	0	42	0
REP - Sheriff	Jack Rushing	28	0	0	0	0	28	0	28	0
0113 Camden #6 #####										
REP - Governor	Henry McMaster	41	0	0	0	0	41	0	41	0
REP - Governor	John Warren	40	0	0	0	0	40	0	40	0
REP - Attorney General	Todd Atwater	29	0	0	0	0	29	0	29	0
REP - Attorney General	Alan Wilson	49	0	0	0	0	49	0	49	0
REP - Sheriff	Lee Boan	51	0	0	0	0	51	0	51	0
REP - Sheriff	Jack Rushing	31	0	0	0	0	31	0	31	0
REP - County Council District 5	David Snodgrass	34	0	0	0	0	34	0	34	0
REP - County Council District 5	Brant Tomlinson	43	0	0	0	0	43	0	43	0

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0115	Cassatt #####											
REP - Governor	Henry McMaster	193	0	0	0	0	0	193	0	193	0	
REP - Governor	John Warren	87	0	0	0	0	0	87	0	87	0	
REP - Attorney General	Todd Atwater	94	0	0	0	0	0	94	0	94	0	
REP - Attorney General	Al an Wi lson	174	0	0	0	0	0	174	0	174	0	
REP - Sheri ff	Lee Boan	206	0	0	0	0	0	206	0	206	0	
REP - Sheri ff	Jack Rushi ng	78	0	0	0	0	0	78	0	78	0	
REP - County Council Di strict 5	Davi d Snodgrass	35	0	0	0	0	0	35	0	35	0	
REP - County Council Di strict 5	Brant Tomli nson	30	0	0	0	0	0	30	0	30	0	
0117	Charlotte Thompson #####											
REP - Governor	Henry McMaster	183	0	0	0	0	0	183	0	183	0	
REP - Governor	John Warren	90	0	0	0	0	0	90	0	90	0	
REP - Attorney General	Todd Atwater	77	0	0	0	0	0	77	0	77	0	
REP - Attorney General	Al an Wi lson	184	0	0	0	0	0	184	0	184	0	
REP - Sheri ff	Lee Boan	136	0	0	0	0	0	136	0	136	0	
REP - Sheri ff	Jack Rushi ng	141	0	0	0	0	0	141	0	141	0	
REP - County Council Di strict 5	Davi d Snodgrass	13	0	0	0	0	0	13	0	13	0	
REP - County Council Di strict 5	Brant Tomli nson	7	0	0	0	0	0	7	0	7	0	
0119	Doby' s Mi ll #####											
REP - Governor	Henry McMaster	185	0	0	0	0	0	185	0	185	0	
REP - Governor	John Warren	74	0	0	0	0	0	74	0	74	0	
REP - Attorney General	Todd Atwater	78	0	0	0	0	0	78	0	78	0	
REP - Attorney General	Al an Wi lson	172	0	0	0	0	0	172	0	172	0	
REP - Sheri ff	Lee Boan	174	0	0	0	0	0	174	0	174	0	
REP - Sheri ff	Jack Rushi ng	86	0	0	0	0	0	86	0	86	0	
0121	E Camden/Hermitage #####											
REP - Governor	Henry McMaster	57	0	0	0	0	0	57	0	57	0	
REP - Governor	John Warren	34	0	0	0	0	0	34	0	34	0	
REP - Attorney General	Todd Atwater	29	0	0	0	0	0	29	0	29	0	
REP - Attorney General	Al an Wi lson	56	0	0	0	0	0	56	0	56	0	
REP - Sheri ff	Lee Boan	65	0	0	0	0	0	65	0	65	0	
REP - Sheri ff	Jack Rushi ng	27	0	0	0	0	0	27	0	27	0	
REP - County Council Di strict 5	Davi d Snodgrass	54	0	0	0	0	0	54	0	54	0	
REP - County Council Di strict 5	Brant Tomli nson	36	0	0	0	0	0	36	0	36	0	
0122	Elgin #1 #####											
REP - Governor	Henry McMaster	248	0	0	0	0	0	248	0	248	0	
REP - Governor	John Warren	137	0	0	0	0	0	137	0	137	0	
REP - Attorney General	Todd Atwater	107	0	0	0	0	0	107	0	107	0	
REP - Attorney General	Al an Wi lson	263	0	0	0	0	0	263	0	263	0	
REP - Sheri ff	Lee Boan	239	0	0	0	0	0	239	0	239	0	
REP - Sheri ff	Jack Rushi ng	147	0	0	0	0	0	147	0	147	0	
0123	Elgin #2 #####											
REP - Governor	Henry McMaster	160	0	0	0	0	0	160	0	160	0	
REP - Governor	John Warren	118	0	0	0	0	0	118	0	118	0	
REP - Attorney General	Todd Atwater	92	0	0	0	0	0	92	0	92	0	
REP - Attorney General	Al an Wi lson	172	0	0	0	0	0	172	0	172	0	

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REP - Sheriff	Lee Boan	169	0	0	0	0	169	0	169	0
REP - Sheriff	Jack Rushing	107	0	0	0	0	107	0	107	0
0124	Elgin #3	#####								
REP - Governor	Henry McMaster	135	0	0	0	0	135	0	135	0
REP - Governor	John Warren	93	0	0	0	0	93	0	93	0
REP - Attorney General	Todd Atwater	69	0	0	0	0	69	0	69	0
REP - Attorney General	Alan Wilson	150	0	0	0	0	150	0	150	0
REP - Sheriff	Lee Boan	136	0	0	0	0	136	0	136	0
REP - Sheriff	Jack Rushing	91	0	0	0	0	91	0	91	0
0125	Elgin #4	#####								
REP - Governor	Henry McMaster	160	0	0	0	0	160	0	160	0
REP - Governor	John Warren	118	0	0	0	0	118	0	118	0
REP - Attorney General	Todd Atwater	93	0	0	0	0	93	0	93	0
REP - Attorney General	Alan Wilson	181	0	0	0	0	181	0	181	0
REP - Sheriff	Lee Boan	179	0	0	0	0	179	0	179	0
REP - Sheriff	Jack Rushing	99	0	0	0	0	99	0	99	0
0126	Elgin #5	#####								
REP - Governor	Henry McMaster	157	0	0	0	0	157	0	157	0
REP - Governor	John Warren	67	0	0	0	0	67	0	67	0
REP - Attorney General	Todd Atwater	53	0	0	0	0	53	0	53	0
REP - Attorney General	Alan Wilson	168	0	0	0	0	168	0	168	0
REP - Sheriff	Lee Boan	121	0	0	0	0	121	0	121	0
REP - Sheriff	Jack Rushing	103	0	0	0	0	103	0	103	0
0127	Elgin #6	#####								
REP - Governor	Henry McMaster	99	0	0	0	0	99	0	99	0
REP - Governor	John Warren	45	0	0	0	0	45	0	45	0
REP - Attorney General	Todd Atwater	39	0	0	0	0	39	0	39	0
REP - Attorney General	Alan Wilson	100	0	0	0	0	100	0	100	0
REP - Sheriff	Lee Boan	96	0	0	0	0	96	0	96	0
REP - Sheriff	Jack Rushing	48	0	0	0	0	48	0	48	0
0130	Gates Ford	#####								
REP - Governor	Henry McMaster	61	0	0	0	0	61	0	61	0
REP - Governor	John Warren	32	0	0	0	0	32	0	32	0
REP - Attorney General	Todd Atwater	29	0	0	0	0	29	0	29	0
REP - Attorney General	Alan Wilson	61	0	0	0	0	61	0	61	0
REP - Sheriff	Lee Boan	65	0	0	0	0	65	0	65	0
REP - Sheriff	Jack Rushing	29	0	0	0	0	29	0	29	0
0131	Liberty Hill	#####								
REP - Governor	Henry McMaster	80	0	0	0	0	80	0	80	0
REP - Governor	John Warren	25	0	0	0	0	25	0	25	0
REP - Attorney General	Todd Atwater	35	0	0	0	0	35	0	35	0
REP - Attorney General	Alan Wilson	67	0	0	0	0	67	0	67	0
REP - Sheriff	Lee Boan	53	0	0	0	0	53	0	53	0
REP - Sheriff	Jack Rushing	50	0	0	0	0	50	0	50	0
0132	Lugoff #1	#####								

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REP - Governor	Henry McMaster	172	0	0	0	0	172	0	172	0
REP - Governor	John Warren	77	0	0	0	0	77	0	77	0
REP - Attorney General	Todd Atwater	74	0	0	0	0	74	0	74	0
REP - Attorney General	Al an Wilson	157	0	0	0	0	157	0	157	0
REP - Sheriff	Lee Boan	183	0	0	0	0	183	0	183	0
REP - Sheriff	Jack Rushing	69	0	0	0	0	69	0	69	0
0133 Lugoff #2 #####										
REP - Governor	Henry McMaster	208	0	0	0	0	208	0	208	0
REP - Governor	John Warren	117	0	0	0	0	117	0	117	0
REP - Attorney General	Todd Atwater	113	0	0	0	0	113	0	113	0
REP - Attorney General	Al an Wilson	197	0	0	0	0	197	0	197	0
REP - Sheriff	Lee Boan	246	0	0	0	0	246	0	246	0
REP - Sheriff	Jack Rushing	80	0	0	0	0	80	0	80	0
0134 Lugoff #3 #####										
REP - Governor	Henry McMaster	220	0	0	0	0	220	0	220	0
REP - Governor	John Warren	117	0	0	0	0	117	0	117	0
REP - Attorney General	Todd Atwater	107	0	0	0	0	107	0	107	0
REP - Attorney General	Al an Wilson	220	0	0	0	0	220	0	220	0
REP - Sheriff	Lee Boan	233	0	0	0	0	233	0	233	0
REP - Sheriff	Jack Rushing	105	0	0	0	0	105	0	105	0
0135 Lugoff #4 #####										
REP - Governor	Henry McMaster	225	0	0	0	0	225	0	225	0
REP - Governor	John Warren	114	0	0	0	0	114	0	114	0
REP - Attorney General	Todd Atwater	96	0	0	0	0	96	0	96	0
REP - Attorney General	Al an Wilson	239	0	0	0	0	239	0	239	0
REP - Sheriff	Lee Boan	245	0	0	0	0	245	0	245	0
REP - Sheriff	Jack Rushing	95	0	0	0	0	95	0	95	0
0140 Malvern Hill #####										
REP - Governor	Henry McMaster	189	0	0	0	0	189	0	189	0
REP - Governor	John Warren	92	0	0	0	0	92	0	92	0
REP - Attorney General	Todd Atwater	93	0	0	0	0	93	0	93	0
REP - Attorney General	Al an Wilson	181	0	0	0	0	181	0	181	0
REP - Sheriff	Lee Boan	197	0	0	0	0	197	0	197	0
REP - Sheriff	Jack Rushing	85	0	0	0	0	85	0	85	0
REP - County Council District 5	David Snodgrass	108	0	0	0	0	108	0	108	0
REP - County Council District 5	Brant Tomlinson	72	0	0	0	0	72	0	72	0
0143 Rabon's CrossRoads #####										
REP - Governor	Henry McMaster	409	0	0	0	0	409	0	409	0
REP - Governor	John Warren	143	0	0	0	0	143	0	143	0
REP - Attorney General	Todd Atwater	140	0	0	0	0	140	0	140	0
REP - Attorney General	Al an Wilson	394	0	0	0	0	394	0	394	0
REP - Sheriff	Lee Boan	411	0	0	0	0	411	0	411	0
REP - Sheriff	Jack Rushing	141	0	0	0	0	141	0	141	0
0146 Rivedale #####										
REP - Governor	Henry McMaster	18	0	0	0	0	18	0	18	0
REP - Governor	John Warren	18	0	0	0	0	18	0	18	0

Kershaw 2018 Statewide Primary Runoff Audit Report

REP - Attorney General	Todd Atwater	15	0	0	0	0	15	0	15	0
REP - Attorney General	Al an Wilson	20	0	0	0	0	20	0	20	0
REP - Sheriff	Lee Boan	23	0	0	0	0	23	0	23	0
REP - Sheriff	Jack Rushing	13	0	0	0	0	13	0	13	0
0147 Salt Pond #####										
REP - Governor	Henry McMaster	177	0	0	0	0	177	0	177	0
REP - Governor	John Warren	102	0	0	0	0	102	0	102	0
REP - Attorney General	Todd Atwater	81	0	0	0	0	81	0	81	0
REP - Attorney General	Al an Wilson	194	0	0	0	0	194	0	194	0
REP - Sheriff	Lee Boan	181	0	0	0	0	181	0	181	0
REP - Sheriff	Jack Rushing	97	0	0	0	0	97	0	97	0
0149 Shaylor's Hill #####										
REP - Governor	Henry McMaster	111	0	0	0	0	111	0	111	0
REP - Governor	John Warren	68	0	0	0	0	68	0	68	0
REP - Attorney General	Todd Atwater	51	0	0	0	0	51	0	51	0
REP - Attorney General	Al an Wilson	125	0	0	0	0	125	0	125	0
REP - Sheriff	Lee Boan	102	0	0	0	0	102	0	102	0
REP - Sheriff	Jack Rushing	78	0	0	0	0	78	0	78	0
0150 Springdale #####										
REP - Governor	Henry McMaster	213	0	0	0	0	213	0	213	0
REP - Governor	John Warren	113	0	0	0	0	113	0	113	0
REP - Attorney General	Todd Atwater	109	0	0	0	0	109	0	109	0
REP - Attorney General	Al an Wilson	200	0	0	0	0	200	0	200	0
REP - Sheriff	Lee Boan	161	0	0	0	0	161	0	161	0
REP - Sheriff	Jack Rushing	167	0	0	0	0	167	0	167	0
REP - County Council District 5	David Snodgrass	3	0	0	0	0	3	0	3	0
REP - County Council District 5	Brant Tomlinson	3	0	0	0	0	3	0	3	0
0152 Westville #####										
REP - Governor	Henry McMaster	240	0	0	0	0	240	0	240	0
REP - Governor	John Warren	84	0	0	0	0	84	0	84	0
REP - Attorney General	Todd Atwater	110	0	0	0	0	110	0	110	0
REP - Attorney General	Al an Wilson	198	0	0	0	0	198	0	198	0
REP - Sheriff	Lee Boan	245	0	0	0	0	245	0	245	0
REP - Sheriff	Jack Rushing	81	0	0	0	0	81	0	81	0
0154 Whites Gardens #####										
REP - Governor	Henry McMaster	215	0	0	0	0	215	0	215	0
REP - Governor	John Warren	82	0	0	0	0	82	0	82	0
REP - Attorney General	Todd Atwater	69	0	0	0	0	69	0	69	0
REP - Attorney General	Al an Wilson	221	0	0	0	0	221	0	221	0
REP - Sheriff	Lee Boan	188	0	0	0	0	188	0	188	0
REP - Sheriff	Jack Rushing	112	0	0	0	0	112	0	112	0
REP - County Council District 5	David Snodgrass	120	0	0	0	0	120	0	120	0
REP - County Council District 5	Brant Tomlinson	84	0	0	0	0	84	0	84	0
0750 Absentee #####										
REP - Governor	Henry McMaster	592	0	0	0	25	567	0	567	0

***** Note: A manual entry was made in this precinct. There is no audit data for a manual entry. Expect no match in Audit

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data messages.

REP - Governor	John Warren	408	0	0	0	33	375	0	375	0
REP - Attorney General	Todd Atwater	314	0	0	0	18	296	0	296	0
REP - Attorney General	Al an Wi l son	637	0	0	0	38	599	0	599	0
REP - Sheri ff	Lee Boan	643	0	0	0	38	605	0	605	0
REP - Sheri ff	Jack Rushi ng	363	0	0	0	20	343	0	343	0
REP - County Council Di strict 5	Davi d Snodgrass	146	0	0	0	7	139	0	139	0
REP - County Council Di strict 5	Brant Toml inson	161	0	0	0	9	152	0	152	0

0800 Emergency #####

REP - Governor	Henry McMaster	21	0	0	0	21	0	0	0	* Optical Ballots - No
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Audit data expected.

***** Note: A manual entry was made in this precinct. There is no audit data for a manual entry. Expect no match in Audit data messages.

REP - Governor	John Warren	6	0	0	0	6	0	0	0	* Optical Ballots - No
Audit data expected.										
REP - Attorney General	Todd Atwater	5	0	0	0	5	0	0	0	* Optical Ballots - No
Audit data expected.										
REP - Attorney General	Al an Wi l son	20	0	0	0	20	0	0	0	* Optical Ballots - No
Audit data expected.										
REP - Sheri ff	Lee Boan	16	0	0	0	16	0	0	0	* Optical Ballots - No
Audit data expected.										
REP - Sheri ff	Jack Rushi ng	10	0	0	0	10	0	0	0	* Optical Ballots - No
Audit data expected.										
REP - County Council Di strict 5	Davi d Snodgrass	1	0	0	0	1	0	0	0	* Optical Ballots - No
Audit data expected.										
REP - County Council Di strict 5	Brant Toml inson	1	0	0	0	1	0	0	0	* Optical Ballots - No
Audit data expected.										

0850 Fai l safe #####

REP - Governor	Henry McMaster	10	0	0	0	2	8	0	8	0
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***** Note: A manual entry was made in this precinct. There is no audit data for a manual entry. Expect no match in Audit data messages.

REP - Governor	John Warren	12	0	0	0	2	10	0	10	0
REP - Attorney General	Todd Atwater	10	0	0	0	1	9	0	9	0
REP - Attorney General	Al an Wi l son	9	0	0	0	3	6	0	6	0
REP - Sheri ff	Lee Boan	13	0	0	0	2	11	0	11	0
REP - Sheri ff	Jack Rushi ng	9	0	0	0	2	7	0	7	0
REP - County Council Di strict 5	Davi d Snodgrass	4	0	0	0	0	4	0	4	0
REP - County Council Di strict 5	Brant Toml inson	3	0	0	0	0	3	0	3	0

0900 Provi si onal #####

REP - Governor	Henry McMaster	0	0	0	0	0	0	0	0	* No Votes Cast - No Audit
Data expected.										
REP - Governor	John Warren	0	0	0	0	0	0	0	0	* No Votes Cast - No Audit
Data expected.										
REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	0	* No Votes Cast - No Audit
Data expected.										
REP - Attorney General	Al an Wi l son	0	0	0	0	0	0	0	0	* No Votes Cast - No Audit

Kershaw 2018 Statewide Primary Runoff Audit Report

Data expected. REP - Sheriff	Lee Boan	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected. REP - Sheriff	Jack Rushing	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected. REP - County Council District 5	David Snodgrass	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected. REP - County Council District 5	Brant Tomlinson	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected.								
0950 Fail safe Provisional	#####							
REP - Governor	Henry McMaster	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected. REP - Governor	John Warren	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected. REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected. REP - Attorney General	Alan Wilson	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected. REP - Sheriff	Lee Boan	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected. REP - Sheriff	Jack Rushing	0	0	0	0	0	0	0 * No Votes Cast - No Audit
Data expected.								

There was no unmatched audit data

How to read this report.

This is the vote level report. It compares the number of votes cast for each candidate in the tabulation report with the number of ballots cast in the audit data for each candidates in each precinct.

The tabulated values as read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. In the EL30A report all Write-in votes are added together and reported as one candidate name - Write-in. The EL30A does not report individual Write-in candidates.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via 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.

Kershaw 2018 Statewide Primary Runoff Audit Report

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

Kershaw EL30A45A Comparison Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 11:30:20, Thu Jun 28, 2018

-----EL30A-----					-----EL45A-----											
Office	M100	iVo	Flash	Delta	Candidate	Party	Tot	DS850	M650	DS200	M100	iVo	Flash	Tot	DS850	M650
Governor	0	48	5949	0	0	Henry McMaster	5997	0	0	0	48	5949	0	5997	0	0
Governor	0	41	3137	0	0	John Warren	3178	0	0	0	41	3137	0	3178	0	0
Attorney General	0	24	2833	0	0	Todd Atwater	2857	0	0	0	24	2833	0	2857	0	0
Attorney General	0	61	5900	0	0	Alan Wilson	5961	0	0	0	61	5900	0	5961	0	0
Sheriff	0	56	5813	0	0	Lee Boan	5869	0	0	0	56	5813	0	5869	0	0
Sheriff	0	32	3305	0	0	Jack Rushing	3337	0	0	0	32	3305	0	3337	0	0
County Council District 5	0	8	998	0	0	David Snodgrass	1006	0	0	0	8	998	0	1006	0	0
County Council District 5						Brant Tomlinson	977	0	0	0	10	967	0	977	0	0

0 10 967 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.

Kershaw PEB Use Report

Election: 2018 Statewide Primary Runoff

Audit Date: 11:27:19, Thu Jun 28, 2018

Precinct	PEBs Used	Comments
Airport	160744	
Antioch	150574	
Bethune	150100	
Buffalo	241777	
Camden #1	150769	
Camden #2	150525	
Hobkirk's Hill	150655	
Camden #5	148937	166125 WARNING: 2 PEBs used to open/close machines.
Camden #5A	150214	
Camden #6	171356	
Cassatt	150208	

Kershaw 2018 Statewide Primary Runoff Audit Report

Charlotte Thompson	150964		
Doby's Mill	150880		
E Camden/Hermitage	193420	148950	WARNING: 2 PEBs used to open/close machines.
Elgin #1	169060		
Elgin #2	150424		
Elgin #3	229205		
Elgin #4	148867		
Elgin #5	150551		
Elgin #6	118537		
Gates Ford	148855		
Liberty Hill	150655	137875	WARNING: 2 PEBs used to open/close machines.
Lugoff #1	148930		
Lugoff #2	229911		
Lugoff #3	150909		
Lugoff #4	229201		
Malvern Hill	245881		
Rabon's CrossRoads	150095		
Ri verdal e	148937		
Salt Pond	106466		
Shaylor's Hill	202274		
Springdale	151725		
Westville	241774		
Whites Gardens	207297		
Absentee	148832		
Fail safe	148832		

36 precincts processed

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

Kershaw 2018 Statewide Primary Runoff Audit Report

Election date: 2018-06-26
 Audit Date: 11:27:19, Thu Jun 28, 2018

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5112906	148832	2018-06-18 13:47:21	148832	2018-06-26 19:09:59	>>Open Date<<	Absentee - 651 Fail safe - 17
5112906	148832	2018-06-18 13:47:21	148832	2018-06-26 19:09:59	Open Time	Absentee - 651 Fail safe - 17
5114046	193420	2018-06-25 07:55:17	193420	2018-06-25 19:44:24	>>Open Date<<	E Camden/Hermitage - 53
5114046	193420	2018-06-25 07:55:17	193420	2018-06-25 19:44:24	>>Close Date<<	E Camden/Hermitage - 53
5114046	193420	2018-06-25 07:55:17	193420	2018-06-25 19:44:24	Open Time	E Camden/Hermitage - 53
5118942	148832	2018-06-18 13:56:06	148832	2018-06-26 19:16:36	>>Open Date<<	Absentee - 33 Fail safe - 1
5118942	148832	2018-06-18 13:56:06	148832	2018-06-26 19:16:36	Open Time	Absentee - 33 Fail safe - 1
5122963	150655	2018-06-26 06:27:50	137875	2018-06-26 19:02:47	>>>O/C PEBs<<<	Liberty Hill - 76
5127100	148937	2018-06-26 06:23:21	166125	2018-06-26 19:09:06	>>>O/C PEBs<<<	Camden #5 - 126
5129982	171356	2018-06-26 07:43:51	171356	2018-06-26 19:02:29	Open Time	Camden #6 - 14
5130010	150551	2018-06-26 07:26:19	150551	2018-06-26 19:08:26	Open Time	Elgin #5 - 153
5130253	150909	2018-06-26 07:04:41	150909	2018-06-26 19:06:44	Open Time	Lugoff #3 - 171
5130732	148832	2018-06-18 13:45:23	148832	2018-06-26 19:07:41	>>Open Date<<	Absentee - 99
5130732	148832	2018-06-18 13:45:23	148832	2018-06-26 19:07:41	Open Time	Absentee - 99
5131052	148855	2018-06-26 08:18:24	148855	2018-06-26 19:02:55	Open Time	Gates Ford - 60
5132800	148832	2018-06-18 13:43:42	148832	2018-06-26 19:04:22	>>Open Date<<	Absentee - 53
5132800	148832	2018-06-18 13:43:42	148832	2018-06-26 19:04:22	Open Time	Absentee - 53
5133534	137875	2018-06-26 09:28:18	137875	2018-06-26 19:05:42	Open Time	Liberty Hill - 29
5135613	148832	2018-06-18 13:47:58	148832	2018-06-26 19:12:57	>>Open Date<<	Absentee - 116
5135613	148832	2018-06-18 13:47:58	148832	2018-06-26 19:12:57	Open Time	Absentee - 116

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 2018-06-26. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.