

Lancaster 2018 Statewide Primary Runoff Audit Report

Lancaster Ballot Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:08:48, Thu Jun 28, 2018

Prec Nber	Precinct Name	EL30A							Audit				Comments
		Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Opt	Man	Delta	
0001	Antioch	86	0	0	0	0	86	0	86	0	0	0	
0002	Lake House	489	0	0	0	0	489	0	489	0	0	0	
0003	Camp Creek	74	0	0	0	0	74	0	74	0	0	0	
0004	Carmel	28	0	0	0	0	28	0	28	0	0	0	
0005	Chesterfield Ave	16	0	0	0	0	16	0	16	0	0	0	
0006	Douglas	131	0	0	0	0	131	0	131	0	0	0	
0007	Dwight	134	0	0	0	0	134	0	134	0	0	0	
0008	Elgin	128	0	0	0	0	128	0	128	0	0	0	
0009	Erwin Farm	82	0	0	0	0	82	0	82	0	0	0	
0010	Gooch's Cross Rds	76	0	0	0	0	76	0	76	0	0	0	
0011	Heath Springs	92	0	0	0	0	92	0	92	0	0	0	
0012	Hyde Park	106	0	0	0	0	106	0	106	0	0	0	
0013	Jacksonham	53	0	0	0	0	53	0	53	0	0	0	
0014	Kershaw North	120	0	0	0	0	120	0	120	0	0	0	
0015	Kershaw South	195	0	0	0	0	195	0	195	0	0	0	
0016	Lancaster East	77	0	0	0	0	77	0	77	0	0	0	
0017	Lancaster West	42	0	0	0	0	42	0	42	0	0	0	
0018	Lynwood Drive	144	0	0	0	0	144	0	144	0	0	0	
0019	Midway	93	0	0	0	0	93	0	93	0	0	0	
0020	Pleasant Hill	92	0	0	0	0	92	0	92	0	0	0	
0021	Pleasant Valley	164	0	0	0	0	164	0	164	0	0	0	
0022	Rich Hill	93	0	0	0	0	93	0	93	0	0	0	
0023	Riverside	48	0	0	0	0	48	0	48	0	0	0	
0024	Spring Hill	83	0	0	0	0	83	0	83	0	0	0	
0025	Unity	129	0	0	0	0	129	0	129	0	0	0	
0026	Van Wyck	81	0	0	0	0	81	0	81	0	0	0	
0032	Possum Hollow	158	0	0	0	0	158	0	158	0	0	0	
0033	Unity	114	0	0	0	0	114	0	114	0	0	0	
0034	Shelley Mullis	80	0	0	0	0	80	0	80	0	0	0	
0035	Black Horse Run	166	0	0	0	0	166	0	166	0	0	0	
0036	Gold Hill	118	0	0	0	0	118	0	118	0	0	0	
0037	Harri sburg	152	0	0	0	0	152	0	152	0	0	0	
0038	Osceola	165	0	0	0	0	165	0	165	0	0	0	
0039	River Road	161	0	0	0	0	161	0	161	0	0	0	
0040	The Lodge	596	0	0	0	0	596	0	596	0	0	0	
0041	College Park	185	0	0	0	0	185	0	185	0	0	0	
Precincts	Total :	4751	0	0	0	0	4751	0	4751	0	0	0	
0750	Absentee	233	0	0	0	103	130	0	130	0	103	0	
0800	Emergency	0	0	0	0	0	0	0	0	0	0	0	
0850	Fail safe	0	0	0	0	0	0	0	0	0	0	0	

		Lancaster 2018 Statewide Primary Runoff Audit Report										
0900	Provisional	0	0	0	0	0	0	0	0	0	0	0
0950	Fail safe Provisional	6	0	0	0	6	0	0	0	6	0	0
Virtual Precincts Total:		239	0	0	0	109	130	0	130	6	103	0
Grand Total:		4990	0	0	0	109	4881	0	4881	6	103	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: Emergency, Fail safe, 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	33pm	4	0	103	103	M100	Updated Successfully
0750 Absentee	BALLOTS CAST - REPUBLICAN	06-26	19	33pm	4	0	103	103	M100	Already Updated
0950 Fail safe	Provisional BALLOTS CAST - TOTAL	06-28	10	36am	4	0	6	6	M100	Already Updated
0950 Fail safe	Provisional BALLOTS CAST - REPUBLICAN	06-28	10	36am	4	0	6	6	M100	Already Updated

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

Auditor's Comments: Optical ballots from the primary were used in the runoff 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	
4881	4881	4881	
Delta from EL30A	0	0	
	Delta from EL155	0	
	Cast By Voter	4880	
	Cast By Poll Wkr	1	
	Blank Cast by PW	0	
	Cancelled Ballots	31	
	Wrong Ballot	3	
	Voter Left AB	0	(AB = After ballot selected by poll worker.)
	Voter Left BB	0	(BB = Before ballot selected by poll worker.)

Lancaster 2018 Statewide Primary Runoff Audit Report

Voter Request	2
Printer Problem	1
Terminal Problem	13
Other Reason	12

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

Note: The following machines(s) have audit records but no ballots were cast on them: 5123035, 5124459
 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.

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
 Ocounting 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

Lancaster 2018 Statewide Primary Runoff Audit Report

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 validate the poll worker's choice.

Lancaster Vote Level Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:10:45, Thu Jun 28, 2018

Precinct Number / Name Office	Candidate	Party	EL30A					Audit		Comments	
			Total	DS850	M650	DS200	M100	iVo	Flash		iVo Delta
0001 Antioch #####											
REP - Governor	Henry McMaster		77	0	0	0	0	77	0	77	0
REP - Governor	John Warren		9	0	0	0	0	9	0	9	0
REP - Attorney General	Todd Atwater		33	0	0	0	0	33	0	33	0
REP - Attorney General	Alan Wilson		43	0	0	0	0	43	0	43	0
0002 Lake House #####											
REP - Governor	Henry McMaster		351	0	0	0	0	351	0	351	0
REP - Governor	John Warren		136	0	0	0	0	136	0	136	0
REP - Attorney General	Todd Atwater		170	0	0	0	0	170	0	170	0
REP - Attorney General	Alan Wilson		268	0	0	0	0	268	0	268	0
0003 Camp Creek #####											
REP - Governor	Henry McMaster		60	0	0	0	0	60	0	60	0

Lancaster 2018 Statewide Primary Runoff Audit Report

REP - Governor	John Warren	14	0	0	0	0	14	0	14	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
0004 Carmel #####										
REP - Governor	Henry McMaster	23	0	0	0	0	23	0	23	0
REP - Governor	John Warren	5	0	0	0	0	5	0	5	0
REP - Attorney General	Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General	Alan Wilson	15	0	0	0	0	15	0	15	0
0005 Chesterfield Ave #####										
REP - Governor	Henry McMaster	13	0	0	0	0	13	0	13	0
REP - Governor	John Warren	3	0	0	0	0	3	0	3	0
REP - Attorney General	Todd Atwater	7	0	0	0	0	7	0	7	0
REP - Attorney General	Alan Wilson	8	0	0	0	0	8	0	8	0
0006 Douglas #####										
REP - Governor	Henry McMaster	105	0	0	0	0	105	0	105	0
REP - Governor	John Warren	26	0	0	0	0	26	0	26	0
REP - Attorney General	Todd Atwater	47	0	0	0	0	47	0	47	0
REP - Attorney General	Alan Wilson	78	0	0	0	0	78	0	78	0
0007 Dwight #####										
REP - Governor	Henry McMaster	106	0	0	0	0	106	0	106	0
REP - Governor	John Warren	28	0	0	0	0	28	0	28	0
REP - Attorney General	Todd Atwater	54	0	0	0	0	54	0	54	0
REP - Attorney General	Alan Wilson	75	0	0	0	0	75	0	75	0
0008 Elgin #####										
REP - Governor	Henry McMaster	109	0	0	0	0	109	0	109	0
REP - Governor	John Warren	18	0	0	0	0	18	0	18	0
REP - Attorney General	Todd Atwater	53	0	0	0	0	53	0	53	0
REP - Attorney General	Alan Wilson	66	0	0	0	0	66	0	66	0
0009 Erwin Farm #####										
REP - Governor	Henry McMaster	77	0	0	0	0	77	0	77	0
REP - Governor	John Warren	5	0	0	0	0	5	0	5	0
REP - Attorney General	Todd Atwater	25	0	0	0	0	25	0	25	0
REP - Attorney General	Alan Wilson	49	0	0	0	0	49	0	49	0
0010 Gooch's Cross Rds #####										
REP - Governor	Henry McMaster	72	0	0	0	0	72	0	72	0
REP - Governor	John Warren	4	0	0	0	0	4	0	4	0
REP - Attorney General	Todd Atwater	36	0	0	0	0	36	0	36	0
REP - Attorney General	Alan Wilson	38	0	0	0	0	38	0	38	0
0011 Heath Springs #####										
REP - Governor	Henry McMaster	74	0	0	0	0	74	0	74	0

Lancaster 2018 Statewide Primary Runoff Audit Report

REP - Governor	John Warren	17	0	0	0	0	17	0	17	0
REP - Attorney General	Todd Atwater	34	0	0	0	0	34	0	34	0
REP - Attorney General	Alan Wilson	50	0	0	0	0	50	0	50	0
0012 Hyde Park #####										
REP - Governor	Henry McMaster	89	0	0	0	0	89	0	89	0
REP - Governor	John Warren	17	0	0	0	0	17	0	17	0
REP - Attorney General	Todd Atwater	40	0	0	0	0	40	0	40	0
REP - Attorney General	Alan Wilson	63	0	0	0	0	63	0	63	0
0013 Jacksonham #####										
REP - Governor	Henry McMaster	40	0	0	0	0	40	0	40	0
REP - Governor	John Warren	13	0	0	0	0	13	0	13	0
REP - Attorney General	Todd Atwater	20	0	0	0	0	20	0	20	0
REP - Attorney General	Alan Wilson	32	0	0	0	0	32	0	32	0
0014 Kershaw North #####										
REP - Governor	Henry McMaster	93	0	0	0	0	93	0	93	0
REP - Governor	John Warren	26	0	0	0	0	26	0	26	0
REP - Attorney General	Todd Atwater	42	0	0	0	0	42	0	42	0
REP - Attorney General	Alan Wilson	71	0	0	0	0	71	0	71	0
0015 Kershaw South #####										
REP - Governor	Henry McMaster	147	0	0	0	0	147	0	147	0
REP - Governor	John Warren	48	0	0	0	0	48	0	48	0
REP - Attorney General	Todd Atwater	59	0	0	0	0	59	0	59	0
REP - Attorney General	Alan Wilson	130	0	0	0	0	130	0	130	0
0016 Lancaster East #####										
REP - Governor	Henry McMaster	66	0	0	0	0	66	0	66	0
REP - Governor	John Warren	11	0	0	0	0	11	0	11	0
REP - Attorney General	Todd Atwater	28	0	0	0	0	28	0	28	0
REP - Attorney General	Alan Wilson	42	0	0	0	0	42	0	42	0
0017 Lancaster West #####										
REP - Governor	Henry McMaster	33	0	0	0	0	33	0	33	0
REP - Governor	John Warren	9	0	0	0	0	9	0	9	0
REP - Attorney General	Todd Atwater	10	0	0	0	0	10	0	10	0
REP - Attorney General	Alan Wilson	30	0	0	0	0	30	0	30	0
0018 Lynwood Drive #####										
REP - Governor	Henry McMaster	119	0	0	0	0	119	0	119	0
REP - Governor	John Warren	25	0	0	0	0	25	0	25	0
REP - Attorney General	Todd Atwater	62	0	0	0	0	62	0	62	0
REP - Attorney General	Alan Wilson	70	0	0	0	0	70	0	70	0
0019 Midway #####										
REP - Governor	Henry McMaster	73	0	0	0	0	73	0	73	0

Lancaster 2018 Statewide Primary Runoff Audit Report

REP - Governor	John Warren	20	0	0	0	0	20	0	20	0
REP - Attorney General	Todd Atwater	22	0	0	0	0	22	0	22	0
REP - Attorney General	Alan Wilson	65	0	0	0	0	65	0	65	0
0020 Pleasant Hill #####										
REP - Governor	Henry McMaster	74	0	0	0	0	74	0	74	0
REP - Governor	John Warren	18	0	0	0	0	18	0	18	0
REP - Attorney General	Todd Atwater	41	0	0	0	0	41	0	41	0
REP - Attorney General	Alan Wilson	45	0	0	0	0	45	0	45	0
0021 Pleasant Valley #####										
REP - Governor	Henry McMaster	109	0	0	0	0	109	0	109	0
REP - Governor	John Warren	55	0	0	0	0	55	0	55	0
REP - Attorney General	Todd Atwater	63	0	0	0	0	63	0	63	0
REP - Attorney General	Alan Wilson	77	0	0	0	0	77	0	77	0
0022 Rich Hill #####										
REP - Governor	Henry McMaster	76	0	0	0	0	76	0	76	0
REP - Governor	John Warren	17	0	0	0	0	17	0	17	0
REP - Attorney General	Todd Atwater	32	0	0	0	0	32	0	32	0
REP - Attorney General	Alan Wilson	60	0	0	0	0	60	0	60	0
0023 Riverside #####										
REP - Governor	Henry McMaster	37	0	0	0	0	37	0	37	0
REP - Governor	John Warren	11	0	0	0	0	11	0	11	0
REP - Attorney General	Todd Atwater	16	0	0	0	0	16	0	16	0
REP - Attorney General	Alan Wilson	30	0	0	0	0	30	0	30	0
0024 Spring Hill #####										
REP - Governor	Henry McMaster	66	0	0	0	0	66	0	66	0
REP - Governor	John Warren	15	0	0	0	0	15	0	15	0
REP - Attorney General	Todd Atwater	35	0	0	0	0	35	0	35	0
REP - Attorney General	Alan Wilson	40	0	0	0	0	40	0	40	0
0025 Unity #####										
REP - Governor	Henry McMaster	98	0	0	0	0	98	0	98	0
REP - Governor	John Warren	31	0	0	0	0	31	0	31	0
REP - Attorney General	Todd Atwater	58	0	0	0	0	58	0	58	0
REP - Attorney General	Alan Wilson	64	0	0	0	0	64	0	64	0
0026 Van Wyck #####										
REP - Governor	Henry McMaster	53	0	0	0	0	53	0	53	0
REP - Governor	John Warren	26	0	0	0	0	26	0	26	0
REP - Attorney General	Todd Atwater	33	0	0	0	0	33	0	33	0
REP - Attorney General	Alan Wilson	46	0	0	0	0	46	0	46	0
0032 Possum Hollow #####										
REP - Governor	Henry McMaster	117	0	0	0	0	117	0	117	0

Lancaster 2018 Statewide Primary Runoff Audit Report

REP - Governor	John Warren	41	0	0	0	0	41	0	41	0
REP - Attorney General	Todd Atwater	62	0	0	0	0	62	0	62	0
REP - Attorney General	Alan Wilson	76	0	0	0	0	76	0	76	0
0033 University #####										
REP - Governor	Henry McMaster	92	0	0	0	0	92	0	92	0
REP - Governor	John Warren	22	0	0	0	0	22	0	22	0
REP - Attorney General	Todd Atwater	42	0	0	0	0	42	0	42	0
REP - Attorney General	Alan Wilson	69	0	0	0	0	69	0	69	0
0034 Shelley Mullis #####										
REP - Governor	Henry McMaster	51	0	0	0	0	51	0	51	0
REP - Governor	John Warren	29	0	0	0	0	29	0	29	0
REP - Attorney General	Todd Atwater	32	0	0	0	0	32	0	32	0
REP - Attorney General	Alan Wilson	37	0	0	0	0	37	0	37	0
0035 Black Horse Run #####										
REP - Governor	Henry McMaster	125	0	0	0	0	125	0	125	0
REP - Governor	John Warren	41	0	0	0	0	41	0	41	0
REP - Attorney General	Todd Atwater	64	0	0	0	0	64	0	64	0
REP - Attorney General	Alan Wilson	91	0	0	0	0	91	0	91	0
0036 Gold Hill #####										
REP - Governor	Henry McMaster	95	0	0	0	0	95	0	95	0
REP - Governor	John Warren	21	0	0	0	0	21	0	21	0
REP - Attorney General	Todd Atwater	43	0	0	0	0	43	0	43	0
REP - Attorney General	Alan Wilson	61	0	0	0	0	61	0	61	0
0037 Harri sburg #####										
REP - Governor	Henry McMaster	106	0	0	0	0	106	0	106	0
REP - Governor	John Warren	46	0	0	0	0	46	0	46	0
REP - Attorney General	Todd Atwater	62	0	0	0	0	62	0	62	0
REP - Attorney General	Alan Wilson	74	0	0	0	0	74	0	74	0
0038 Osceola #####										
REP - Governor	Henry McMaster	135	0	0	0	0	135	0	135	0
REP - Governor	John Warren	30	0	0	0	0	30	0	30	0
REP - Attorney General	Todd Atwater	54	0	0	0	0	54	0	54	0
REP - Attorney General	Alan Wilson	95	0	0	0	0	95	0	95	0
0039 River Road #####										
REP - Governor	Henry McMaster	116	0	0	0	0	116	0	116	0
REP - Governor	John Warren	45	0	0	0	0	45	0	45	0
REP - Attorney General	Todd Atwater	63	0	0	0	0	63	0	63	0
REP - Attorney General	Alan Wilson	76	0	0	0	0	76	0	76	0
0040 The Lodge #####										
REP - Governor	Henry McMaster	384	0	0	0	0	384	0	384	0

Lancaster 2018 Statewide Primary Runoff Audit Report

REP - Governor	John Warren	212	0	0	0	0	212	0	212	0
REP - Attorney General	Todd Atwater	224	0	0	0	0	224	0	224	0
REP - Attorney General	Al an Wi l son	314	0	0	0	0	314	0	314	0
0041 Col l ege Park #####										
REP - Governor	Henry McMaster	150	0	0	0	0	150	0	150	0
REP - Governor	John Warren	35	0	0	0	0	35	0	35	0
REP - Attorney General	Todd Atwater	68	0	0	0	0	68	0	68	0
REP - Attorney General	Al an Wi l son	106	0	0	0	0	106	0	106	0
0750 Absentee #####										
REP - Governor	Henry McMaster	153	0	0	0	69	84	0	84	0
***** 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	79	0	0	0	34	45	0	45	0
REP - Attorney General	Todd Atwater	86	0	0	0	41	45	0	45	0
REP - Attorney General	Al an Wi l son	137	0	0	0	59	78	0	78	0
0800 Emergency #####										
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 Data expected.
0850 Fail safe #####										
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 Data expected.
0900 Provi si onal #####										
REP - Governor	Henry McMaster	1	0	0	0	1	0	0	0	* Optical Ballots - No Audit data expected.
REP - Governor	John Warren	1	0	0	0	1	0	0	0	* Optical Ballots - No Audit data expected.
REP - Attorney General	Todd Atwater	1	0	0	0	1	0	0	0	* Optical Ballots - No Audit data expected.
REP - Attorney General	Al an Wi l son	1	0	0	0	1	0	0	0	* Optical Ballots - No Audit data expected.

Lancaster 2018 Statewide Primary Runoff Audit Report

0950 Failsafe Provisional #####
 REP - Governor Henry McMaster 4 0 0 0 4 0 0 * Optical Ballots - No 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 2 0 0 0 2 0 0 * Optical Ballots - No Audit
 data expected.
 REP - Attorney General Todd Atwater 4 0 0 0 4 0 0 * Optical Ballots - No Audit
 data expected.
 REP - Attorney General Alan Wilson 2 0 0 0 2 0 0 * Optical Ballots - 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.

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.

Lancaster 2018 Statewide Primary Runoff Audit 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

Lancaster EL30A45A Comparison Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:12:2, Thu Jun 28, 2018

EL30A				EL45A												
Office	iVo	Flash	Delta	Candidate	Party	Tot	DS850	M650	DS200	M100	iVo	Flash	Tot	DS850	M650	DS200
Governor	74	3695	0	Henry McMaster		3769	0	0	0	74	3695	0	3769	0	0	0
Governor	37	1174	0	John Warren		1211	0	0	0	37	1174	0	1211	0	0	0
Attorney General	46	1814	0	Todd Atwater		1860	0	0	0	46	1814	0	1860	0	0	0
Attorney General	62	2676	0	Al an Wilson		2738	0	0	0	62	2676	0	2738	0	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

Lancaster 2018 Statewide Primary Runoff Audit Report

the actual report. The total lines are the calculated sums of the individual precinct 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.

Lancaster PEB Use Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:08:48, Thu Jun 28, 2018

Precinct	PEBs Used	Comments
Anti och	146836	
Lake House	173885	
Camp Creek	245992	
Carmel	229832	
Chesterfield Ave	143069	
Douglas	246219	
Dwight	166938	
Elgin	245983	
Erwin Farm	245883	
Gooch's Cross Rds	133073	
Heath Springs	124170	
Hyde Park	245931	
Jacksonham	245892	
Kershaw North	245969	
Kershaw South	245930	
Lancaster East	245735	
Lancaster West	245585	
Lynwood Drive	121098	
Midway	245832	

Lancaster 2018 Statewide Primary Runoff Audit Report
WARNING: 2 PEBs used to open/close machines.

Pleasant Hill	246225	245735
Pleasant Valley	245946	
Rich Hill	246224	
Riverside	246203	
Spring Hill	246209	
Unity	245937	
Van Wyck	149497	
Possum Hollow	246212	
University	166940	
Shelley Mullis	150488	
Black Horse Run	246228	
Gold Hill	136560	
Harri sburg	229825	
Osceola	245961	
River Road	245915	
The Lodge	245957	
College Park	118444	
Absentee	113256	

37 precincts processed

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

How to read this report.

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

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

Lancaster PEB Exceptions Report
Election: 2018 Statewide Primary Runoff
Election date: 2018-06-26
Audit Date: 12:08:48, Thu Jun 28, 2018

Lancaster 2018 Statewide Primary Runoff Audit Report

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5121787	113256	2018-06-18 16:37:14	113256	2018-06-26 19:05:20	>>Open Date<<	Absentee - 41
5121787	113256	2018-06-18 16:37:14	113256	2018-06-26 19:05:20	Open Time	Absentee - 41
5123035	133834	2018-06-19 10:23:09	146836	2018-06-26 07:22:47	>>>O/C PEBs<<<	>>>No Ballots<<<
5123035	133834	2018-06-19 10:23:09	146836	2018-06-26 07:22:47	>>Open Date<<	>>>No Ballots<<<
5123035	133834	2018-06-19 10:23:09	146836	2018-06-26 07:22:47	Open Time	>>>No Ballots<<<
5123035	133834	2018-06-19 10:23:09	146836	2018-06-26 07:22:47	Close Time	>>>No Ballots<<<
5124092	113256	2018-06-18 16:33:08	113256	2018-06-26 19:04:51	>>Open Date<<	Absentee - 38
5124092	113256	2018-06-18 16:33:08	113256	2018-06-26 19:04:51	Open Time	Absentee - 38
5127465	245735	2018-06-26 06:18:23	246225	2018-06-26 19:09:09	>>>O/C PEBs<<<	Pleasant Hill - 23
5128731	113256	2018-06-18 16:33:41	113256	2018-06-26 19:04:44	>>Open Date<<	Absentee - 51
5128731	113256	2018-06-18 16:33:41	113256	2018-06-26 19:04:44	Open Time	Absentee - 51

The following machines(s) have audit records but no ballots were cast on them: 5123035, 5124459
 Because they do not have ballots cast, they cannot be matched to a precinct.

How to read this report.

This is the PEB Exceptions Report. It checks for the following conditions in the iVotronic Event Log;

- 1: A machine that was opened and closed by different PEBs
- 2: A Machine that was not opened on Election Date - could be either an absentee or test machine
- 3: A Machine that was not closed on Election Date - could have had problem closing
- 4: A Machine that was not opened by 7 am - note most Absentee machines will show up here
- 5: A Machine that was closed before 7pm - polls close at 7 PM
- 6: A Machine that was not closed ever.
- 7: A machine that has no ballots cast on it.

Each of the events above detected are reported on a separate line, each line contains the following information:
 iVotronic machine number, Opening PEB Number, Open Time, Closing PEB Number, Closing Time, the Exception Type and
 the Precinct and the Ballots Cast on that machine.

Absentee and Failsafe precinct machines are opened during the middle of the day several days before the election date
 of 2018-06-26. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.