

Dorchester 2016 Statewide Runoff Audit Report

Dorchester Ballot Audit Report
 Election: 2016 Statewide Runoff
 Audit Date: 11:37:25, Thu Jun 30, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0025	Rosinville	59	0	59	0	59	0	0	0	
0026	St. George No. 2	61	0	61	0	61	0	0	0	
0027	St. George No. 1	61	0	61	0	61	0	0	0	
0028	Grover	41	0	41	0	41	0	0	0	
0029	Reevesville	50	0	50	0	50	0	0	0	
0030	Harleyville	37	0	37	0	37	0	0	0	
0031	Four Hole	48	0	48	0	48	0	0	0	
0033	Rosses	53	0	53	0	53	0	0	0	
0034	Ridgeville	43	0	43	0	43	0	0	0	
0035	Givhans	61	0	61	0	61	0	0	0	
0036	Delmars	16	0	16	0	16	0	0	0	
0037	Saul Dam	30	0	30	0	30	0	0	0	
0038	Coastal	11	0	11	0	11	0	0	0	
0039	Trolley	18	0	18	0	18	0	0	0	
0040	Tranquil	28	0	28	0	28	0	0	0	
0041	Beech Hill	40	0	40	0	40	0	0	0	
0042	Flowertown	22	0	22	0	22	0	0	0	
0043	Knightsville	77	0	77	0	77	0	0	0	
0044	Clemson	75	0	75	0	75	0	0	0	
0045	Germantown	76	0	76	0	76	0	0	0	
0046	Greenwave	31	0	31	0	31	0	0	0	
0047	Newington	101	0	101	0	101	0	0	0	
0048	Carolina	59	0	59	0	59	0	0	0	
0049	Dorchester	79	0	79	0	79	0	0	0	
0050	Archdale	47	0	47	0	47	0	0	0	
0052	Stallsville	65	0	65	0	65	0	0	0	
0054	Indian Field	17	0	17	0	17	0	0	0	
0055	Spann	97	0	97	0	97	0	0	0	
0056	North Summerville	21	0	21	0	21	0	0	0	
0057	Tupperway	39	0	39	0	39	0	0	0	
0058	Irongate	34	0	34	0	34	0	0	0	
0060	Greenhurst	28	0	28	0	28	0	0	0	
0061	Ashborough E	19	0	19	0	19	0	0	0	
0062	Ashborough W	41	0	41	0	41	0	0	0	
0063	Ashley River	77	0	77	0	77	0	0	0	
0064	Windsor	11	0	11	0	11	0	0	0	
0066	Bacons Bridge	43	0	43	0	43	0	0	0	
0067	Brandy Mill	25	0	25	0	25	0	0	0	
0068	Briarwood	28	0	28	0	28	0	0	0	
0069	Butternut	70	0	70	0	70	0	0	0	
0070	Central	47	0	47	0	47	0	0	0	
0071	Coosaw	24	0	24	0	24	0	0	0	
0072	Cypress	65	0	65	0	65	0	0	0	
0073	Kings Grant	100	0	100	0	100	0	0	0	
0074	Lincoln	22	0	22	0	22	0	0	0	

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0075	Miles/Jamison	43	0	43	0	43	0	0	0
0076	Oakbrook	24	0	24	0	24	0	0	0
0077	Patriot	4	0	4	0	4	0	0	0
0078	Sawmill Branch	82	0	82	0	82	0	0	0
0079	Coastal 2	36	0	36	0	36	0	0	0
0080	Coastal 3	8	0	8	0	8	0	0	0
0081	Archdale 2	64	0	64	0	64	0	0	0
0082	Ashborough E 2	80	0	80	0	80	0	0	0
0083	Ashborough W 2	92	0	92	0	92	0	0	0
0084	Beech Hill 2	54	0	54	0	54	0	0	0
0085	Brandymill 2	40	0	40	0	40	0	0	0
0086	Briarwood 2	46	0	46	0	46	0	0	0
0087	Briarwood 3	37	0	37	0	37	0	0	0
0088	Central 2	51	0	51	0	51	0	0	0
0089	Clemson 2	56	0	56	0	56	0	0	0
0090	Clemson 3	23	0	23	0	23	0	0	0
0091	Coosaw 2	15	0	15	0	15	0	0	0
0092	Dorchester 2	125	0	125	0	125	0	0	0
0093	Flowerstown 2	48	0	48	0	48	0	0	0
0094	Givhans 2	43	0	43	0	43	0	0	0
0095	Indian Field 2	59	0	59	0	59	0	0	0
0096	Irongate 2	17	0	17	0	17	0	0	0
0097	Irongate 3	28	0	28	0	28	0	0	0
0098	Kings Grant 2	121	0	121	0	121	0	0	0
0099	Newington 2	52	0	52	0	52	0	0	0
0100	North Summerville 2	27	0	27	0	27	0	0	0
0101	Ridgeville 2	35	0	35	0	35	0	0	0
0102	Tranquil 2	22	0	22	0	22	0	0	0
0103	Tupperway 2	26	0	26	0	26	0	0	0
0104	Tranquil 3	17	0	17	0	17	0	0	0
0105	Bacons Bridge 2	22	0	22	0	22	0	0	0
0106	Coosaw 3	23	0	23	0	23	0	0	0
0107	Cypress 2	38	0	38	0	38	0	0	0
0108	Flowerstown 3	33	0	33	0	33	0	0	0
0109	Oakbrook 2	2	0	2	0	2	0	0	0
0110	Windsor 2	6	0	6	0	6	0	0	0
Precincts Total:		3596	0	3596	0	3596	0	0	0
0750	Absentee	375	324	51	0	51	324	0	0
0800	Emergency	0	0	0	0	0	0	0	0
0850	Failsafe	1	0	1	0	1	0	0	0
0900	Provisional	18	18	0	0	0	18	0	0
0950	Failsafe/Provisional	0	0	0	0	0	0	0	0
Virtual Precincts Total:		394	342	52	0	52	342	0	0
Grand Total:		3990	342	3648	0	3648	342	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: 3

The following precincts have no ballots cast in them: Emergency, Failsafe/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
3648	3648	3648
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	3646
	Cast By Poll Wkr	2
	Blank Cast by PW	0
	Cancelled Ballots	21
	Wrong Ballot	4
	Voter Left AB	0
	Voter Left BB	1
	Voter Request	3
	Printer Problem	0
	Terminal Problem	2
	Other Reason	11

(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: 5103083, 5119008, 5119850, 5129262, 5129727, 5131322, 5132666, 5133221, 5134821, 5136576, 5138297

Because they do not have ballots cast, they cannot be matched to a precinct. This is not an issue as long as the EL30A iVo Ballots, the EL155 Ballots and the EL152 Ballots match in the table immediately above.

How to read this report.

This is the ballot level report. It compares the number of ballots cast in the tabulation report, the EL30A with the number of ballots cast in the audit data.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precinct line values.

The Opt totals are the total number of ballots cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

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The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into two master audit files, the EL155 Vote image log and the EL152 iVotronic event log. The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of asterisks in a precinct we get the number of ballots cast in that precinct. That number should always match the number in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total does not match the EL30A Total value, the auditor is prompted to read the paper report from the optical scanner and enter the total ballots cast into the auditing program.

If the sum of the audit iVotronic and Optical ballots cast still do not match the EL30A total value, then the audit software reads the EL68 Manual Entry log for any changes made in that precinct to either the iVo or Opt totals by the CEC staff. It displays any manual entries to the auditor for inclusion into the totals. If accepted by the auditor these entries are automatically added to the Man column from the Manual Entry log.

Finally, the audit software calculates the Delta value which should be zero unless the sum of the iVo, the Opt and the Man do not match the EL30A Total column. If the Delta is greater than zero then audit data is missing. A comment will be placed on that line in the report indicating missing audit data. If the Delta value is less than zero then there are more ballots in the audit data than there are in the tabulated data and a comment will be placed on that line in the report.

Wherever possible, the audit system will attempt to indicate where the difference is by displaying the iVotronic machine numbers and the number of ballots cast on that machine that exist in the audit data. In the case of missing tabulated data, it might be possible to identify a machine that has the same number of ballots cast as the delta value and that number and ballot count will be highlighted with a < sign. If there is a non zero Delta value there will be an entry by the auditor explaining the variance.

Finally, there is a EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots table in the report. This table should indicate that the number ballots cast in the EL30A match the numbers in the EL155 and the EL152 report. Then there are some statistics pulled from the EL152 report that indicate how many ballots were cast by the voter and the number cast by the poll worker. Lastly the number of ballots that were cancelled and the reason they were cancelled. It should be noted that the reason cancelled is chosen from a pull down menu presented to the poll worker when a ballot is cancelled, there is no way to validate the poll worker's choice.

 Dorchester Vote Level Audit Report
 Election: 2016 Statewide Runoff
 Audit Date: 11:38:20, Thu Jun 30, 2016

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

0025 Rosinville

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Coroner	Paul Brouthers	37	0	37	0	37	0
Coroner	Mike Giglio	21	0	21	0	21	0
0026 St. George No. 2							
Coroner	Paul Brouthers	35	0	35	0	35	0
Coroner	Mike Giglio	26	0	26	0	26	0
0027 St. George No. 1							
Coroner	Paul Brouthers	48	0	48	0	48	0
Coroner	Mike Giglio	12	0	12	0	12	0
0028 Grover							
Coroner	Paul Brouthers	31	0	31	0	31	0
Coroner	Mike Giglio	10	0	10	0	10	0
0029 Reevesville							
Coroner	Paul Brouthers	33	0	33	0	33	0
Coroner	Mike Giglio	17	0	17	0	17	0
0030 Harleyville							
Coroner	Paul Brouthers	23	0	23	0	23	0
Coroner	Mike Giglio	14	0	14	0	14	0
0031 Four Hole							
Coroner	Paul Brouthers	40	0	40	0	40	0
Coroner	Mike Giglio	8	0	8	0	8	0
0033 Rosses							
Coroner	Paul Brouthers	37	0	37	0	37	0
Coroner	Mike Giglio	16	0	16	0	16	0
0034 Ridgeville							
Coroner	Paul Brouthers	21	0	21	0	21	0
Coroner	Mike Giglio	22	0	22	0	22	0
0035 Givhans							
Coroner	Paul Brouthers	11	0	11	0	11	0
Coroner	Mike Giglio	50	0	50	0	50	0
0036 Del emars							
Coroner	Paul Brouthers	13	0	13	0	13	0
Coroner	Mike Giglio	3	0	3	0	3	0
0037 Saul Dam							
State Senator DISTRICT 41	Roy Maybank	12	0	12	0	12	0
State Senator DISTRICT 41	Sandy Senn	16	0	16	0	16	0
Coroner	Paul Brouthers	10	0	10	0	10	0
Coroner	Mike Giglio	20	0	20	0	20	0
0038 Coastal							
Coroner	Paul Brouthers	9	0	9	0	9	0
Coroner	Mike Giglio	2	0	2	0	2	0

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0039 Trolley Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	7 11	0 0	7 11	0 0	7 11	0 0
0040 Tranquil Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	15 13	0 0	15 13	0 0	15 13	0 0
0041 Beech Hill Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	23 17	0 0	23 17	0 0	23 17	0 0
0042 Flowertown Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	9 13	0 0	9 13	0 0	9 13	0 0
0043 Knightsville Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	39 38	0 0	39 38	0 0	39 38	0 0
0044 Clemson Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	42 33	0 0	42 33	0 0	42 33	0 0
0045 Germantown Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	53 23	0 0	53 23	0 0	53 23	0 0
0046 Greenwave Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	18 13	0 0	18 13	0 0	18 13	0 0
0047 Newington Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	52 49	0 0	52 49	0 0	52 49	0 0
0048 Carolina Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	39 20	0 0	39 20	0 0	39 20	0 0
0049 Dorchester Coroner Coroner	Paul Brouthers Mi ke Gi gl i o	54 25	0 0	54 25	0 0	54 25	0 0
0050 Archdale State Senator DI STRI CT 41 State Senator DI STRI CT 41 Coroner Coroner	Roy Maybank Sandy Senn Paul Brouthers Mi ke Gi gl i o	14 33 30 15	0 0 0 0	14 33 30 15	0 0 0 0	14 33 30 15	0 0 0 0
0052 Stallsville							

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Coroner	Paul Brouthers	26	0	26	0	26	0
Coroner	Mike Giglio	39	0	39	0	39	0
0054 Indian Field							
Coroner	Paul Brouthers	10	0	10	0	10	0
Coroner	Mike Giglio	7	0	7	0	7	0
0055 Spann							
Coroner	Paul Brouthers	50	0	50	0	50	0
Coroner	Mike Giglio	47	0	47	0	47	0
0056 North Summerville							
Coroner	Paul Brouthers	13	0	13	0	13	0
Coroner	Mike Giglio	8	0	8	0	8	0
0057 Tupperway							
Coroner	Paul Brouthers	19	0	19	0	19	0
Coroner	Mike Giglio	20	0	20	0	20	0
0058 Irongate							
Coroner	Paul Brouthers	15	0	15	0	15	0
Coroner	Mike Giglio	19	0	19	0	19	0
0060 Greenhurst							
Coroner	Paul Brouthers	17	0	17	0	17	0
Coroner	Mike Giglio	11	0	11	0	11	0
0061 Ashborough E							
Coroner	Paul Brouthers	12	0	12	0	12	0
Coroner	Mike Giglio	7	0	7	0	7	0
0062 Ashborough W							
State Senator DISTRICT 41	Roy Maybank	10	0	10	0	10	0
State Senator DISTRICT 41	Sandy Senn	31	0	31	0	31	0
Coroner	Paul Brouthers	21	0	21	0	21	0
Coroner	Mike Giglio	19	0	19	0	19	0
0063 Ashley River							
State Senator DISTRICT 41	Roy Maybank	17	0	17	0	17	0
State Senator DISTRICT 41	Sandy Senn	60	0	60	0	60	0
Coroner	Paul Brouthers	53	0	53	0	53	0
Coroner	Mike Giglio	24	0	24	0	24	0
0064 Windsor							
Coroner	Paul Brouthers	8	0	8	0	8	0
Coroner	Mike Giglio	3	0	3	0	3	0
0066 Bacons Bridge							
Coroner	Paul Brouthers	26	0	26	0	26	0
Coroner	Mike Giglio	17	0	17	0	17	0
0067 Brandymill							

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Coroner	Paul Brouthers	11	0	11	0	11	0
Coroner	Mike Giglio	14	0	14	0	14	0
0068 Briarwood							
Coroner	Paul Brouthers	15	0	15	0	15	0
Coroner	Mike Giglio	13	0	13	0	13	0
0069 Butternut							
Coroner	Paul Brouthers	37	0	37	0	37	0
Coroner	Mike Giglio	33	0	33	0	33	0
0070 Central							
Coroner	Paul Brouthers	29	0	29	0	29	0
Coroner	Mike Giglio	18	0	18	0	18	0
0071 Coosaw							
Coroner	Paul Brouthers	15	0	15	0	15	0
Coroner	Mike Giglio	9	0	9	0	9	0
0072 Cypress							
Coroner	Paul Brouthers	26	0	26	0	26	0
Coroner	Mike Giglio	39	0	39	0	39	0
0073 Kings Grant							
State Senator DISTRICT 41	Roy Maybank	22	0	22	0	22	0
State Senator DISTRICT 41	Sandy Senn	77	0	77	0	77	0
Coroner	Paul Brouthers	53	0	53	0	53	0
Coroner	Mike Giglio	44	0	44	0	44	0
0074 Lincoln							
Coroner	Paul Brouthers	16	0	16	0	16	0
Coroner	Mike Giglio	6	0	6	0	6	0
0075 Miles/Jamison							
Coroner	Paul Brouthers	23	0	23	0	23	0
Coroner	Mike Giglio	20	0	20	0	20	0
0076 Oakbrook							
Coroner	Paul Brouthers	9	0	9	0	9	0
Coroner	Mike Giglio	15	0	15	0	15	0
0077 Patriot							
Coroner	Paul Brouthers	2	0	2	0	2	0
Coroner	Mike Giglio	2	0	2	0	2	0
0078 Sawmill Branch							
Coroner	Paul Brouthers	37	0	37	0	37	0
Coroner	Mike Giglio	45	0	45	0	45	0
0079 Coastal 2							
Coroner	Paul Brouthers	17	0	17	0	17	0
Coroner	Mike Giglio	19	0	19	0	19	0

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0080 Coastal 3							
Coroner	Paul Brouthers	1	0	1	0	1	0
Coroner	Mike Giglio	7	0	7	0	7	0
0081 Archdale 2							
State Senator DISTRICT 41	Roy Maybank	10	0	10	0	10	0
State Senator DISTRICT 41	Sandy Senn	54	0	54	0	54	0
Coroner	Paul Brouthers	42	0	42	0	42	0
Coroner	Mike Giglio	18	0	18	0	18	0
0082 Ashborough E 2							
Coroner	Paul Brouthers	39	0	39	0	39	0
Coroner	Mike Giglio	41	0	41	0	41	0
0083 Ashborough W 2							
State Senator DISTRICT 41	Roy Maybank	18	0	18	0	18	0
State Senator DISTRICT 41	Sandy Senn	71	0	71	0	71	0
Coroner	Paul Brouthers	45	0	45	0	45	0
Coroner	Mike Giglio	45	0	45	0	45	0
0084 Beech Hill 2							
Coroner	Paul Brouthers	24	0	24	0	24	0
Coroner	Mike Giglio	30	0	30	0	30	0
0085 Brandy Mill 2							
Coroner	Paul Brouthers	21	0	21	0	21	0
Coroner	Mike Giglio	19	0	19	0	19	0
0086 Briarwood 2							
Coroner	Paul Brouthers	28	0	28	0	28	0
Coroner	Mike Giglio	18	0	18	0	18	0
0087 Briarwood 3							
Coroner	Paul Brouthers	18	0	18	0	18	0
Coroner	Mike Giglio	19	0	19	0	19	0
0088 Central 2							
Coroner	Paul Brouthers	16	0	16	0	16	0
Coroner	Mike Giglio	35	0	35	0	35	0
0089 Clemson 2							
Coroner	Paul Brouthers	23	0	23	0	23	0
Coroner	Mike Giglio	33	0	33	0	33	0
0090 Clemson 3							
Coroner	Paul Brouthers	18	0	18	0	18	0
Coroner	Mike Giglio	5	0	5	0	5	0
0091 Coosaw 2							
Coroner	Paul Brouthers	10	0	10	0	10	0
Coroner	Mike Giglio	5	0	5	0	5	0

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0092	Dorchester 2	Paul Brouthers	90	0	90	0	90	0
	Coroner	Mike Giglio	35	0	35	0	35	0
	Coroner							
0093	Flowertown 2	Paul Brouthers	28	0	28	0	28	0
	Coroner	Mike Giglio	20	0	20	0	20	0
	Coroner							
0094	Givhans 2	Paul Brouthers	15	0	15	0	15	0
	Coroner	Mike Giglio	28	0	28	0	28	0
	Coroner							
0095	Indian Field 2	Paul Brouthers	22	0	22	0	22	0
	Coroner	Mike Giglio	37	0	37	0	37	0
	Coroner							
0096	Irongate 2	Paul Brouthers	12	0	12	0	12	0
	Coroner	Mike Giglio	5	0	5	0	5	0
	Coroner							
0097	Irongate 3	Paul Brouthers	7	0	7	0	7	0
	Coroner	Mike Giglio	21	0	21	0	21	0
	Coroner							
0098	Kings Grant 2	Roy Maybank	21	0	21	0	21	0
	State Senator DISTRICT 41	Sandy Senn	98	0	98	0	98	0
	State Senator DISTRICT 41	Paul Brouthers	57	0	57	0	57	0
	Coroner	Mike Giglio	58	0	58	0	58	0
	Coroner							
0099	Newington 2	Paul Brouthers	24	0	24	0	24	0
	Coroner	Mike Giglio	28	0	28	0	28	0
	Coroner							
0100	North Summerville 2	Paul Brouthers	18	0	18	0	18	0
	Coroner	Mike Giglio	9	0	9	0	9	0
	Coroner							
0101	Ridgeville 2	Paul Brouthers	13	0	13	0	13	0
	Coroner	Mike Giglio	22	0	22	0	22	0
	Coroner							
0102	Tranquil 2	Paul Brouthers	2	0	2	0	2	0
	Coroner	Mike Giglio	20	0	20	0	20	0
	Coroner							
0103	Tupperway 2	Paul Brouthers	16	0	16	0	16	0
	Coroner	Mike Giglio	10	0	10	0	10	0
	Coroner							
0104	Tranquil 3							

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Coroner	Paul Brouthers	11	0	11	0	11	0
Coroner	Mike Giglio	6	0	6	0	6	0
0105 Bacons Bridge 2							
Coroner	Paul Brouthers	12	0	12	0	12	0
Coroner	Mike Giglio	10	0	10	0	10	0
0106 Coosaw 3							
Coroner	Paul Brouthers	19	0	19	0	19	0
Coroner	Mike Giglio	4	0	4	0	4	0
0107 Cypress 2							
Coroner	Paul Brouthers	16	0	16	0	16	0
Coroner	Mike Giglio	22	0	22	0	22	0
0108 Flowertown 3							
Coroner	Paul Brouthers	18	0	18	0	18	0
Coroner	Mike Giglio	14	0	14	0	14	0
0109 Oakbrook 2							
Coroner	Paul Brouthers	1	0	1	0	1	0
Coroner	Mike Giglio	1	0	1	0	1	0
0110 Windsor 2							
Coroner	Paul Brouthers	4	0	4	0	4	0
Coroner	Mike Giglio	2	0	2	0	2	0
0750 Absentee							
State Senator DISTRICT 41	Roy Maybank	6	6	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.	
State Senator DISTRICT 41	Sandy Senn	23	23	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.	
Coroner	Paul Brouthers	216	185	31	0	31	0
Coroner	Mike Giglio	159	139	20	0	20	0
0800 Emergency							
State Senator DISTRICT 41	Roy Maybank	0	0	0	0	* No Audit Data expected or found	
State Senator DISTRICT 41	Sandy Senn	0	0	0	0	* No Audit Data expected or found	
Coroner	Paul Brouthers	0	0	0	0	* No Audit Data expected or found	
Coroner	Mike Giglio	0	0	0	0	* No Audit Data expected or found	
0850 Fallsafe							
State Senator DISTRICT 41	Roy Maybank	0	0	0	0	* No Audit Data expected or found	
State Senator DISTRICT 41	Sandy Senn	0	0	0	0	* No Audit Data expected or found	
Coroner	Paul Brouthers	0	0	0	0	* No Audit Data expected or found	
Coroner	Mike Giglio	1	0	1	0	1	0
0900 Provisional							

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State Senator DISTRICT 41	Roy Maybank	1	1	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
State Senator DISTRICT 41	Sandy Senn	2	2	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
Coroner	Paul Brouthers	10	10	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
Coroner	Mike Giglio	7	7	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
0950 Fail safe/Provisional Coroner	Paul Brouthers	0	0	0	0	* No Audit Data expected or found
Coroner There was no unmatched audit data	Mike Giglio	0	0	0	0	* No Audit Data expected or found

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

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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

Dorchester EL30A45A Comparison Report
Electi on: 2016 Statewi de Runoff
Audit Date: 11: 39: 46, Thu Jun 30, 2016

Offi ce	Candi date	Party	EL30A				EL45A				Del ta
			Tot	Opt	iVo	Fl ash	Tot	Opt	iVo	Fl ash	
Coroner	Paul Brouthers		2185	195	1990	0	2185	195	1990	0	0
Coroner	Mike Giglio		1783	146	1637	0	1783	146	1637	0	0
State Senator DISTRICT 41	Roy Maybank		131	7	124	0	131	7	124	0	0
State Senator DISTRICT 41	Sandy Senn		465	25	440	0	465	25	440	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

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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.

Dorchester PEB Use Report
 Election: 2016 Statewide Runoff
 Audit Date: 11:37:25, Thu Jun 30, 2016

Precinct	PEBs Used	Comments
Rosinville	144056	
St. George No. 2	142397	
St. George No. 1	123040	
Grover	144894	
Reevesville	150846	
Harleyville	113509	
Four Hole	118435	
Rosses	153778	
Ridgeville	149398	
Givhans	118478	
Delmars	137154	
Saul Dam	124924	
Coastal	145154	
Trolley	111195	
Tranquil	138562	
Beech Hill	124924	
Flowertown	112823	
Knightsville	150651	
Clemson	117407	
Germantown	150671	
Greenwave	112823	
Newington	156656	
Carolina	146598	
Dorchester	150671	
Archdale	147966	
Stallsville	154759	
Indian Field	155108	
Spann	145811	
North Summerville	115629	
Tupperway	112823	
Irongate	118815	134571

WARNING: 2 PEBs used to open/close machines.

Dorchester 2016 Statewide Runoff Audit Report

Greenhurst	145811
Ashborough E	124080
Ashborough W	119534
Ashley River	136853
Windsor	149918
Bacons Bridge	124924
Brandy Mill	134895
Briarwood	111195
Butternut	106148
Central	145289
Coosaw	116782
Cypress	150651
Kings Grant	112749
Lincoln	149918
Miles/Jamison	145154
Oakbrook	151101
Patriot	147966
Sawmill Branch	143971
Coastal 2	145154
Coastal 3	145154
Archdale 2	147966
Ashborough E 2	124080
Ashborough W 2	119534
Beech Hill 2	124924
Brandy Mill 2	134895
Briarwood 2	111195
Briarwood 3	111195
Central 2	145289
Clemson 2	117407
Clemson 3	117407
Coosaw 2	116782
Dorchester 2	150671
Flowerstown 2	112823
Givhans 2	118478
Indian Field 2	155108
Irongate 2	118815
Irongate 3	118815
Kings Grant 2	112749
Newington 2	156656
North Summerville 2	115629
Ridgeville 2	149398
Tranquil 2	138562
Tupperway 2	112823
Tranquil 3	138562
Bacons Bridge 2	124924
Coosaw 3	116782
Cypress 2	150651
Flowerstown 3	112823
Oakbrook 2	151101
Windsor 2	149918
Absentee	139512
Fair safe	139512

134571
134571

WARNING: 2 PEBs used to open/close machines.
WARNING: 2 PEBs used to open/close machines.

Dorchester 2016 Statewide Runoff Audit Report

83 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.

 Dorchester PEB Exceptions Report
 Election: 2016 Statewide Runoff
 Election date: 06/28/2016
 Audit Date: 11:37:25, Thu Jun 30, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5121257	118815	06/28/2016 06:35:08	134571	06/28/2016 20:14:37	>>>0/C PEBs<<<	Irongate - 7 Irongate 2 - 3 Irongate 3 - 7
5126054	154759	06/28/2016 07:00:37	154759	06/28/2016 19:06:14	Open Time	Stallsville - 25
5131791	137154	06/28/2016 07:57:22	137154	06/28/2016 19:03:17	Open Time	Del emars - 4
5133221	115629	06/28/2016 07:09:22	115629	06/28/2016 19:01:17	Open Time	>>>No Ballots<<<
5133704	139512	06/20/2016 08:35:49	139512	06/28/2016 19:07:29	>>Open Date<<	Absentee - 51 Failsafe - 1
5133704	139512	06/20/2016 08:35:49	139512	06/28/2016 19:07:29	Open Time	Absentee - 51 Failsafe - 1
5136576	139512	06/20/2016 08:39:09	139512	06/28/2016 19:01:55	>>Open Date<<	>>>No Ballots<<<
5136576	139512	06/20/2016 08:39:09	139512	06/28/2016 19:01:55	Open Time	>>>No Ballots<<<
5138014	154759	06/28/2016 07:00:06	154759	06/28/2016 19:05:37	Open Time	Stallsville - 27
5138297	111195	06/28/2016 06:52:28	111195	06/28/2016 09:46:11	Close Time	>>>No Ballots<<<

The following machines(s) have audit records but no ballots were cast on them: 5103083, 5119008, 5119850, 5129262, 5129727, 5131322, 5132666, 5133221, 5134821, 5136576, 5138297
 Because they do not have ballots cast, they cannot be matched to a precinct.

Dorchester 2016 Statewide Runoff Audit Report

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 06/28/2016. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.