

Union 2016 Statewide Primary Audit Report

Union Ballot Audit Report
 Election: 2016 Statewide Primary
 Audit Date: 12:07:40, Thu Jun 16, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Adamsburg	106	0	106	0	106	0	0	0	
0002	Black Rock	72	0	72	0	72	0	0	0	
0003	Bonham	79	0	79	0	79	0	0	0	
0004	Buffalo Box 1	104	0	104	0	104	0	0	0	
0005	Carlisle	142	0	142	0	142	0	0	0	
0006	Cross Keys	132	0	132	0	132	0	0	0	
0007	East Buffalo	15	0	15	0	15	0	0	0	
0008	Excel si or	183	0	183	0	183	0	0	0	
0009	Jonesville Box 1	52	0	52	0	52	0	0	0	
0010	Jonesville Box 2	83	0	83	0	83	0	0	0	
0011	Kel ton	72	0	72	0	72	0	0	0	
0012	Lockhart	77	0	77	0	77	0	0	0	
0013	Monarch Box 1	119	0	119	0	119	0	0	0	
0014	Monarch Box 2	28	0	28	0	28	0	0	0	
0015	Putnam	92	0	92	0	92	0	0	0	
0016	Santuck	151	0	151	0	151	0	0	0	
0017	Ward 1 Box 1	58	0	58	0	58	0	0	0	
0018	Ward 1 Box 2	62	0	62	0	62	0	0	0	
0019	Ward 2	185	0	185	0	185	0	0	0	
0020	Ward 3	68	0	68	0	68	0	0	0	
0021	Ward 4 Box 1	84	0	84	0	84	0	0	0	
0022	Ward 4 Box 2	26	0	26	0	26	0	0	0	
0023	West Springs	47	0	47	0	47	0	0	0	
Precincts Total :		2037	0	2037	0	2037	0	0	0	
0750	Absentee	193	23	170	0	170	23	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Fai l safe	9	0	9	0	9	0	0	0	
0900	Provi si onal	0	0	0	0	0	0	0	0	
0950	Fai l safe Provi si onal	0	0	0	0	0	0	0	0	
Virtual Precincts Total :		202	23	179	0	179	23	0	0	
Grand Total :		2239	23	2216	0	2216	23	0	0	

NOTE: Any manual entries shown on this report are supported by the Manual Entry Log (EL68).

Audi tor' s Comments:

Total number of iVotronic ballots cast containing no votes: 10
 The following precincts have no ballots cast in them: Emergency, Provi si onal , Fai l safe Provi si onal
 This audit is complete and has no exceptions.

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

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
2216	2216	2216
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	2215
	Cast By Poll Wkr	1
	Blank Cast by PW	0
	Cancelled Ballots	27
	Wrong Ballot	21
	Voter Left AB	0
	Voter Left BB	1
	Voter Request	1
	Printer Problem	0
	Terminal Problem	3
	Other Reason	1

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

Number of ADA audio enabled events in this election: 16

Precinct Number and Name	Machine	Date	Time
0001 Adamsburg	5139911	05/31/2016	09:03:44
0004 Buffalo Box 1	5103623	05/31/2016	08:12:58
0005 Carlisle	5139930	05/31/2016	09:22:13
0006 Cross Keys	5128768	05/31/2016	09:30:20
0007 East Buffalo	5139967	05/31/2016	09:30:31
0011 Kelton	5121344	05/31/2016	10:04:23
0013 Monarch Box 1	5121545	05/31/2016	10:17:50
0014 Monarch Box 2	5139263	05/31/2016	10:25:00
0016 Santuck	5139832	05/31/2016	10:34:13
0018 Ward 1 Box 2	5121079	05/31/2016	10:48:30
0020 Ward 3	5129308	05/31/2016	10:59:50
0021 Ward 4 Box 1	5139888	05/31/2016	11:04:27
0023 West Springs	5124777	05/31/2016	11:20:38
UNKN Unknown	5139929	05/31/2016	08:57:22
UNKN Unknown	5139285	05/31/2016	10:46:10
UNKN Unknown	5125378	05/31/2016	08:12:43

Election Date: 06/14/2016

In all but the Absentee Precinct events reported before election day are due to testing. Machines reported with precinct unknown had ADA Audio Enabled Events but no ballots were cast on them.

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Note: The following machines(s) have audit records but no ballots were cast on them: 5119927, 5125378, 5139285, 5139929
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. 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

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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 nubmer ballots cast in the EL30A match the numbers in the EL155 and the EL152 report. Then there are some statistics pulled from the EL152 repor 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.

 Union Vote Level Audit Report
 Election: 2016 Statewide Primary
 Audit Date: 12:08:43, Thu Jun 16, 2016

Precinct Number / Name Office	Candidate	Party	-----EL30A-----				-----Audit-----		Comments
			Total	Opti cal	i Vo	Fl ash	i Vo	Del ta	
0001 Adamsburg									
REP - U. S. House of Rep. District 5	Ray Craig		19	0	19	0	19	0	
REP - U. S. House of Rep. District 5	Mi ck Mul vaney		84	0	84	0	84	0	
REP - State Senate District 14	Harvey Peeler		93	0	93	0	93	0	
REP - State Senate District 14	Kenny Price		10	0	10	0	10	0	
REP - State House of Rep. District 42	Mark Cathcart		13	0	13	0	13	0	
REP - State House of Rep. District 42	Tommy Mann		93	0	93	0	93	0	
0002 Black Rock									
DEM - County Council District 2	John Glenn		19	0	19	0	19	0	
DEM - County Council District 2	James R Rice		4	0	4	0	4	0	
DEM - County Council District 2	Ral ph Tucker		37	0	37	0	37	0	
REP - U. S. House of Rep. District 5	Ray Craig		7	0	7	0	7	0	
REP - U. S. House of Rep. District 5	Mi ck Mul vaney		5	0	5	0	5	0	
REP - State House of Rep. District 42	Mark Cathcart		6	0	6	0	6	0	
REP - State House of Rep. District 42	Tommy Mann		5	0	5	0	5	0	
0003 Bonham									
REP - U. S. House of Rep. District 5	Ray Craig		10	0	10	0	10	0	
REP - U. S. House of Rep. District 5	Mi ck Mul vaney		67	0	67	0	67	0	
REP - State House of Rep. District 42	Mark Cathcart		30	0	30	0	30	0	

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REP - State House of Rep. District 42	Tommy Mann	45	0	45	0	45	0
0004 Buffalo Box 1							
DEM - County Council District 3	Tommy E Ford	49	0	49	0	49	0
DEM - County Council District 3	Howard Wahoo Gibson	17	0	17	0	17	0
REP - U.S. House of Rep. District 5	Ray Craig	7	0	7	0	7	0
REP - U.S. House of Rep. District 5	Mick Mulvaney	28	0	28	0	28	0
REP - State House of Rep. District 42	Mark Cathcart	9	0	9	0	9	0
REP - State House of Rep. District 42	Tommy Mann	29	0	29	0	29	0
0005 Carlisle							
DEM - County Council District 2	John Glenn	59	0	59	0	59	0
DEM - County Council District 2	James R Rice	2	0	2	0	2	0
DEM - County Council District 2	Ralph Tucker	75	0	75	0	75	0
REP - U.S. House of Rep. District 5	Ray Craig	2	0	2	0	2	0
REP - U.S. House of Rep. District 5	Mick Mulvaney	4	0	4	0	4	0
REP - State House of Rep. District 42	Mark Cathcart	3	0	3	0	3	0
REP - State House of Rep. District 42	Tommy Mann	3	0	3	0	3	0
0006 Cross Keys							
DEM - County Council District 2	John Glenn	5	0	5	0	5	0
DEM - County Council District 2	James R Rice	57	0	57	0	57	0
DEM - County Council District 2	Ralph Tucker	7	0	7	0	7	0
DEM - County Council District 3	Tommy E Ford	9	0	9	0	9	0
DEM - County Council District 3	Howard Wahoo Gibson	4	0	4	0	4	0
REP - U.S. House of Rep. District 5	Ray Craig	4	0	4	0	4	0
REP - U.S. House of Rep. District 5	Mick Mulvaney	44	0	44	0	44	0
REP - State House of Rep. District 42	Mark Cathcart	21	0	21	0	21	0
REP - State House of Rep. District 42	Tommy Mann	29	0	29	0	29	0
0007 East Buffalo							
DEM - County Council District 3	Tommy E Ford	1	0	1	0	1	0
DEM - County Council District 3	Howard Wahoo Gibson	0	0	0	0	0	0
REP - U.S. House of Rep. District 5	Ray Craig	3	0	3	0	3	0
REP - U.S. House of Rep. District 5	Mick Mulvaney	11	0	11	0	11	0
REP - State House of Rep. District 42	Mark Cathcart	5	0	5	0	5	0
REP - State House of Rep. District 42	Tommy Mann	9	0	9	0	9	0
0008 Excel si or							
DEM - County Council District 3	Tommy E Ford	62	0	62	0	62	0
DEM - County Council District 3	Howard Wahoo Gibson	27	0	27	0	27	0
DEM - County Council District 5	Randall Chump Hanvey	9	0	9	0	9	0
DEM - County Council District 5	Tommie L Hill	11	0	11	0	11	0
REP - U.S. House of Rep. District 5	Ray Craig	8	0	8	0	8	0
REP - U.S. House of Rep. District 5	Mick Mulvaney	63	0	63	0	63	0
REP - State House of Rep. District 42	Mark Cathcart	18	0	18	0	18	0
REP - State House of Rep. District 42	Tommy Mann	53	0	53	0	53	0

* No Audit Data expected or found

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0009	Jonesville Box 1							
REP - U. S. House of Rep. District 5	Ray Craig	14	0	14	0	14	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney	36	0	36	0	36	0	
REP - State House of Rep. District 42	Mark Cathcart	24	0	24	0	24	0	
REP - State House of Rep. District 42	Tommy Mann	27	0	27	0	27	0	
0010	Jonesville Box 2							
DEM - County Council District 2	John Glenn	5	0	5	0	5	0	
DEM - County Council District 2	James R Rice	6	0	6	0	6	0	
DEM - County Council District 2	Ralph Tucker	8	0	8	0	8	0	
REP - U. S. House of Rep. District 5	Ray Craig	14	0	14	0	14	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney	47	0	47	0	47	0	
REP - State House of Rep. District 42	Mark Cathcart	17	0	17	0	17	0	
REP - State House of Rep. District 42	Tommy Mann	45	0	45	0	45	0	
0011	Kelton							
REP - U. S. House of Rep. District 5	Ray Craig	11	0	11	0	11	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney	52	0	52	0	52	0	
REP - State Senate District 14	Harvey Peeler	49	0	49	0	49	0	
REP - State Senate District 14	Kenny Price	16	0	16	0	16	0	
REP - State House of Rep. District 42	Mark Cathcart	20	0	20	0	20	0	
REP - State House of Rep. District 42	Tommy Mann	52	0	52	0	52	0	
0012	Lockhart							
REP - U. S. House of Rep. District 5	Ray Craig	10	0	10	0	10	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney	63	0	63	0	63	0	
REP - State Senate District 14	Harvey Peeler	64	0	64	0	64	0	
REP - State Senate District 14	Kenny Price	11	0	11	0	11	0	
REP - State House of Rep. District 42	Mark Cathcart	8	0	8	0	8	0	
REP - State House of Rep. District 42	Tommy Mann	68	0	68	0	68	0	
0013	Monarch Box 1							
DEM - County Council District 5	Randall Chump Hanvey	2	0	2	0	2	0	
DEM - County Council District 5	Tommie L Hill	5	0	5	0	5	0	
REP - U. S. House of Rep. District 5	Ray Craig	20	0	20	0	20	0	
REP - U. S. House of Rep. District 5	Mick Mulvaney	89	0	89	0	89	0	
REP - State Senate District 14	Harvey Peeler	78	0	78	0	78	0	
REP - State Senate District 14	Kenny Price	20	0	20	0	20	0	
REP - State House of Rep. District 42	Mark Cathcart	34	0	34	0	34	0	
REP - State House of Rep. District 42	Tommy Mann	76	0	76	0	76	0	
0014	Monarch Box 2							
DEM - County Council District 5	Randall Chump Hanvey	4	0	4	0	4	0	
DEM - County Council District 5	Tommie L Hill	2	0	2	0	2	0	
REP - U. S. House of Rep. District 5	Ray Craig	0	0	0	0	0	0	* No Audit Data expected or found
REP - U. S. House of Rep. District 5	Mick Mulvaney	21	0	21	0	21	0	
REP - State House of Rep. District 42	Mark Cathcart	7	0	7	0	7	0	
REP - State House of Rep. District 42	Tommy Mann	15	0	15	0	15	0	

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0015	Putnam							
DEM - County Council District 2	John Glenn	0	0	0	0	* No Audit Data expected or found		
DEM - County Council District 2	James R Rice	0	0	0	0	* No Audit Data expected or found		
DEM - County Council District 2	Ralph Tucker	0	0	0	0	* No Audit Data expected or found		
DEM - County Council District 3	Tommy E Ford	26	0	26	0		26	0
DEM - County Council District 3	Howard Wahoo Gibson	9	0	9	0		9	0
REP - U. S. House of Rep. District 5	Ray Craig	11	0	11	0		11	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	44	0	44	0		44	0
REP - State House of Rep. District 42	Mark Cathcart	22	0	22	0		22	0
REP - State House of Rep. District 42	Tommy Mann	34	0	34	0		34	0
0016	Santuck							
DEM - County Council District 2	John Glenn	36	0	36	0		36	0
DEM - County Council District 2	James R Rice	8	0	8	0		8	0
DEM - County Council District 2	Ralph Tucker	85	0	85	0		85	0
REP - U. S. House of Rep. District 5	Ray Craig	4	0	4	0		4	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	17	0	17	0		17	0
REP - State House of Rep. District 42	Mark Cathcart	5	0	5	0		5	0
REP - State House of Rep. District 42	Tommy Mann	15	0	15	0		15	0
0017	Ward 1 Box 1							
DEM - County Council District 5	Randall Chump Hanvey	2	0	2	0		2	0
DEM - County Council District 5	Tommie L Hill	3	0	3	0		3	0
REP - U. S. House of Rep. District 5	Ray Craig	3	0	3	0		3	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	47	0	47	0		47	0
REP - State House of Rep. District 42	Mark Cathcart	22	0	22	0		22	0
REP - State House of Rep. District 42	Tommy Mann	30	0	30	0		30	0
0018	Ward 1 Box 2							
DEM - County Council District 5	Randall Chump Hanvey	3	0	3	0		3	0
DEM - County Council District 5	Tommie L Hill	16	0	16	0		16	0
REP - U. S. House of Rep. District 5	Ray Craig	7	0	7	0		7	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	33	0	33	0		33	0
REP - State House of Rep. District 42	Mark Cathcart	16	0	16	0		16	0
REP - State House of Rep. District 42	Tommy Mann	26	0	26	0		26	0
0019	Ward 2							
DEM - County Council District 5	Randall Chump Hanvey	66	0	66	0		66	0
DEM - County Council District 5	Tommie L Hill	81	0	81	0		81	0
REP - U. S. House of Rep. District 5	Ray Craig	1	0	1	0		1	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	36	0	36	0		36	0
REP - State House of Rep. District 42	Mark Cathcart	17	0	17	0		17	0
REP - State House of Rep. District 42	Tommy Mann	19	0	19	0		19	0
0020	Ward 3							
DEM - County Council District 5	Randall Chump Hanvey	4	0	4	0		4	0
DEM - County Council District 5	Tommie L Hill	33	0	33	0		33	0

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REP - U. S. House of Rep. District 5	Ray Craig	3	0	3	0	3	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	27	0	27	0	27	0
REP - State House of Rep. District 42	Mark Cathcart	9	0	9	0	9	0
REP - State House of Rep. District 42	Tommy Mann	21	0	21	0	21	0
0021 Ward 4 Box 1							
DEM - County Council District 5	Randall Chump Hanvey	1	0	1	0	1	0
DEM - County Council District 5	Tommie L Hill	6	0	6	0	6	0
REP - U. S. House of Rep. District 5	Ray Craig	7	0	7	0	7	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	65	0	65	0	65	0
REP - State House of Rep. District 42	Mark Cathcart	14	0	14	0	14	0
REP - State House of Rep. District 42	Tommy Mann	61	0	61	0	61	0
0022 Ward 4 Box 2							
DEM - County Council District 5	Randall Chump Hanvey	4	0	4	0	4	0
DEM - County Council District 5	Tommie L Hill	15	0	15	0	15	0
REP - U. S. House of Rep. District 5	Ray Craig	2	0	2	0	2	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	5	0	5	0	5	0
REP - State House of Rep. District 42	Mark Cathcart	0	0	0	0	* No Audit Data expected or found	
REP - State House of Rep. District 42	Tommy Mann	7	0	7	0	7	0
0023 West Springs							
DEM - County Council District 2	John Glenn	2	0	2	0	2	0
DEM - County Council District 2	James R Rice	0	0	0	0	* No Audit Data expected or found	
DEM - County Council District 2	Ralph Tucker	3	0	3	0	3	0
REP - U. S. House of Rep. District 5	Ray Craig	5	0	5	0	5	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	34	0	34	0	34	0
REP - State House of Rep. District 42	Mark Cathcart	18	0	18	0	18	0
REP - State House of Rep. District 42	Tommy Mann	24	0	24	0	24	0
0750 Absentee							
DEM - County Council District 2	John Glenn	23	3	20	0	20	0
DEM - County Council District 2	James R Rice	7	0	7	0	7	0
DEM - County Council District 2	Ralph Tucker	23	5	18	0	18	0
DEM - County Council District 3	Tommy E Ford	12	0	12	0	12	0
DEM - County Council District 3	Howard Wahoo Gibson	3	0	3	0	3	0
DEM - County Council District 5	Randall Chump Hanvey	18	2	16	0	16	0
DEM - County Council District 5	Tommie L Hill	25	9	16	0	16	0
REP - U. S. House of Rep. District 5	Ray Craig	13	1	12	0	12	0
REP - U. S. House of Rep. District 5	Mick Mulvaney	63	3	60	0	60	0
REP - State Senate District 14	Harvey Peeler	21	0	21	0	21	0
REP - State Senate District 14	Kenny Price	3	0	3	0	3	0
REP - State House of Rep. District 42	Mark Cathcart	25	0	25	0	25	0
REP - State House of Rep. District 42	Tommy Mann	55	3	52	0	52	0
0800 Emergency							
DEM - County Council District 2	John Glenn	0	0	0	0	* No Audit Data expected or found	
DEM - County Council District 2	James R Rice	0	0	0	0	* No Audit Data expected or found	

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DEM - County Council District 2	Ralph Tucker	0	0	0	0	0	*	No	Audit	Data	expected	or	found	
DEM - County Council District 3	Tommy E Ford	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 3	Howard Wahoo Gibson	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 5	Randall Chump Hanvey	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 5	Tommie L Hill	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - U.S. House of Rep. District 5	Ray Craig	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - U.S. House of Rep. District 5	Mike Mulvaney	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State Senate District 14	Harvey Peeler	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State Senate District 14	Kenny Price	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State House of Rep. District 42	Mark Cathcart	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State House of Rep. District 42	Tommy Mann	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
0850 Fail safe														
DEM - County Council District 2	John Glenn	1	0	1	0	1	0							
DEM - County Council District 2	James R Rice	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 2	Ralph Tucker	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 3	Tommy E Ford	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 3	Howard Wahoo Gibson	1	0	1	0	1	0							
DEM - County Council District 5	Randall Chump Hanvey	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 5	Tommie L Hill	2	0	2	0	2	0							
REP - U.S. House of Rep. District 5	Ray Craig	1	0	1	0	1	0							
REP - U.S. House of Rep. District 5	Mike Mulvaney	4	0	4	0	4	0							
REP - State Senate District 14	Harvey Peeler	3	0	3	0	3	0							
REP - State Senate District 14	Kenny Price	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State House of Rep. District 42	Mark Cathcart	4	0	4	0	4	0							
REP - State House of Rep. District 42	Tommy Mann	1	0	1	0	1	0							
0900 Provisional														
DEM - County Council District 2	John Glenn	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 2	James R Rice	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 2	Ralph Tucker	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 3	Tommy E Ford	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 3	Howard Wahoo Gibson	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 5	Randall Chump Hanvey	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
DEM - County Council District 5	Tommie L Hill	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - U.S. House of Rep. District 5	Ray Craig	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - U.S. House of Rep. District 5	Mike Mulvaney	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State Senate District 14	Harvey Peeler	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State Senate District 14	Kenny Price	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State House of Rep. District 42	Mark Cathcart	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State House of Rep. District 42	Tommy Mann	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
0950 Fail safe Provisional														
REP - U.S. House of Rep. District 5	Ray Craig	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - U.S. House of Rep. District 5	Mike Mulvaney	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State House of Rep. District 42	Mark Cathcart	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found
REP - State House of Rep. District 42	Tommy Mann	0	0	0	0	0	0	*	No	Audit	Data	expected	or	found

There was no unmatched audit data

Union 2016 Statewide Primary Audit Report

How to read this report.

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

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

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

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

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

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into a master audit file, the EL155 Vote image log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of times a candidate name for a contest appears in a precinct we get the number of votes cast in that precinct for that candidates. That number should always match the number of votes cast for that candidate in that contest in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total votes does not match the EL30A iVo value one of two things will occur. The first is if the iVotronic tabulated is zero and the Total tabulated votes match the tabulated Optical votes the following comment is made in the Audit side of the report; All votes cast for this candidate in this precinct are optical No Audit Data for optical, or secondly, if the iVotronic total is not zero, a notation indicating which data Audit data. In the event a candidate or the combined Write-in candidates did not receive any votes in a precinct the EL30A will report a zero vote count. If there are no votes for this candidate in a precinct in the audit data, the following comment will be placed into the audit report by the auditing software; No Audit Data expected or found.

Finally the audit software will search the audit data for any votes that were not found on the EL30A report. If it finds some, it will report those vote totals by contest, candidate name and precinct. if it does not find any unmatched audit data it will report; There was no unmatched audit data

Union 2016 Statewide Primary Audit Report

Union EL30A45A Comparison Report
 Election: 2016 Statewide Primary
 Audit Date: 12:11:2, Thu Jun 16, 2016

Office	Candidate	Party	EL30A				EL45A				
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	Delta
U. S. House of Rep. District 5	Ray Craig		186	1	185	0	186	1	185	0	0
U. S. House of Rep. District 5	Mick Mulvaney		989	3	986	0	989	3	986	0	0
State Senate District 14	Harvey Peeler		308	0	308	0	308	0	308	0	0
State Senate District 14	Kenny Price		60	0	60	0	60	0	60	0	0
State House of Rep. District 42	Mark Cathcart		367	0	367	0	367	0	367	0	0
State House of Rep. District 42	Tommy Mann		842	3	839	0	842	3	839	0	0
County Council District 2	John Glenn		150	3	147	0	150	3	147	0	0
County Council District 2	James R Rice		84	0	84	0	84	0	84	0	0
County Council District 2	Ralph Tucker		238	5	233	0	238	5	233	0	0
County Council District 3	Tommy E Ford		159	0	159	0	159	0	159	0	0
County Council District 3	Howard Wahoo Gibson		61	0	61	0	61	0	61	0	0
County Council District 5	Randall Chump Harvey		113	2	111	0	113	2	111	0	0
County Council District 5	Tommie L Hill		199	9	190	0	199	9	190	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 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

Union 2016 Statewide Primary Audit Report

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.

Union PEB Use Report

Electi on: 2016 Statewi de Pri mary

Audi t Date: 12: 07: 40, Thu Jun 16, 2016

Preci nct	PEBs Used	Comments
Adamsburg	150994	
Bl ack Rock	150741	
Bonham	151123	
Buffal o Box 1	136998	
Carlisle	151820	
Cross Keys	150839	
East Buffal o	137242	
Excel si or	138488	
Jonesvi lle Box 1	139158	
Jonesvi lle Box 2	148786	
Kel ton	137681	
Lockhart	150971	
Monarch Box 1	227812	
Monarch Box 2	151251	
Putnam	138601	
Santuck	151597	
Ward 1 Box 1	138707	
Ward 1 Box 2	138301	
Ward 2	138524	
Ward 3	152056	
Ward 4 Box 1	139412	
Ward 4 Box 2	152033	
West Spri ngs	151472	
Absentee	151362	
Fai l safe	151362	

Union 2016 Statewide Primary Audit Report

25 precincts processed

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

Union PEB Exceptions Report
Election: 2016 Statewide Primary
Election date: 06/14/2016
Audit Date: 12:07:40, Thu Jun 16, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5123716	151362	05/16/2016 08:45:41	151362	06/14/2016 19:15:12	>>Open Date<<	Absentee - 139 Failsafe - 6
5123716	151362	05/16/2016 08:45:41	151362	06/14/2016 19:15:12	Open Time	Absentee - 139 Failsafe - 6
5125834	151362	05/16/2016 08:48:13	151362	06/14/2016 19:13:55	>>Open Date<<	Absentee - 31 Failsafe - 3
5125834	151362	05/16/2016 08:48:13	151362	06/14/2016 19:13:55	Open Time	Absentee - 31 Failsafe - 3

The following machines(s) have audit records but no ballots were cast on them: 5119927, 5125378, 5139285, 5139929
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;

Union 2016 Statewide Primary Audit Report

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

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

Absentee and Failsafe precinct machines are opened during the middle of the day several days before the election date of 06/14/2016. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.