

STATE BOARD OF ELECTIONS



From the desk of... Kyle Thomas
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To: Steven S. Sandvoss; Executive Director

Re: 2018 Primary Pre-Election Tabulation System Test Report

Date: March 14, 2018

The Voting and Registration Systems (VRS) Division conducted pre-election vote tabulation system testing in four jurisdiction prior to the 2018 Primary Election. These included

Pulaski County - February 27th

Hardin County - February 28th

Massac County - March 1st

Menard County - March 8th

Pulaski County was the first pre-test, which like all of these pre-tests, conducted on-site in their office. Pulaski is utilizing the ES&S EVS 5.3.1.0 voting system with DS200 digital scan tabulators and ExpressVote ballot marking devices. Each of the three election modes, vote-by-mail, early vote, and election day were tested. 1,980 ballots were run across all 11 precincts. Staff encountered no counting errors but did notice a lack of ADA equipment for early voting as required. It was recommended to the county clerk that her ADA equipment be available during early voting and some settings recommendations were made to their vendor. It was also recommended that spare memory cards be available for backup.

The next day, staff traveled to Hardin County to conduct a pre-test of the Unisyn Open Elect 2.0 vote tabulation system. Hardin's system consists of the OVO digital scan tabulators and FVT ballot marking devices. A total of 1,080 ballots were run across all six precincts in each of the three election modes. All ballots were tabulated correctly and no issues were encountered.

Massac County was visited by staff for their on-site vote tabulation system pre-test on March 1st. Massac utilizes the GEMS 1.18.24 system with the latest AccuVote version 1.96.6E optical scan tabulators and TSX Direct Recording Electronic (DRE) touch screen tabulators. All 17 precincts were tested across the three election modes for a total of 1,579 ballots cast. The only issue encountered was a failure on one of the vote-by-mail tabulator memory card's ability to upload. The ballots for this machine were re-run on a new card and the subsequent results uploaded without issue. All totals were tabulated accurately. No issues were encountered with the E Chip for the AccuVote tabulators.

Menard County was the final pre-test for this election cycle, conducted on March 8th in Menard's office. Menard uses the ES&S Unity 3.4.1.1 system with M100 optical scan tabulators and AutoMark ballot marking devices. All fourteen precincts were tested across each of the three election modes (Menard combines their programming for early voting and vote-by-mail). This totaled 3,480 ballots cast. On their ballot marking device, staff noticed the displayed ballot indicator showed the precinct and split but didn't clearly identify the ballot style, as displayed on the paper ballot. It was recommended that this be corrected for future elections to lesson confusion. All ballots were tabulated correctly.