

The HoCoMD Defend Democracy Team is pleased to present:

"Howard County Elections – Behind the Scenes"

Guest Speaker – Mr. Guy Mickley, Director, Howard County Board of Elections 13 August 2019 6:30-7:30 PM Columbia, Maryland

Protecting Election Security, especially Cybersecurity, is crucial for Democracy Did you know...

The MD Board of Elections website states Maryland was "one of 21 states with suspicious online activities before the 2016 election."

However, incident response found "**no** evidence the online registration and ballot request system was breached or fraudulent transactions were submitted." https://elections.maryland.gov/about/election_security.html

The US Senate Intelligence Committee reported in July that it found election systems of all 50 states were 'probed' by Russia. https://www.theverge.com/2019/7/25/8930985/russia-targeted-election-systems-in-all-50-states-senate-concludes

What is the difference between a cyber "probe," a "breach," and a "hack"?

Scan - automated review of websites, which occur every day for all sites on the Internet.

Probe - *unsuccessful* attempt to gain access to a system. This is what happened to our online voter registration and ballot request system before the 2016 General Election.

Breach or Hack - successful attempt to gain access to a system. Did not occur for Maryland.

The US Intelligence community found that election systems of 7 states were *breached* before the 2016 General Election. https://www.nbcnews.com/politics/elections/u-s-intel-russia-compromised-seven-states-prior-2016-election-n850296

Senate Democrats pressed to to provide more election security funding (S 1540 – Election Security Act), but the Senate Majority Leader blocked in July a vote on the Senate bill.

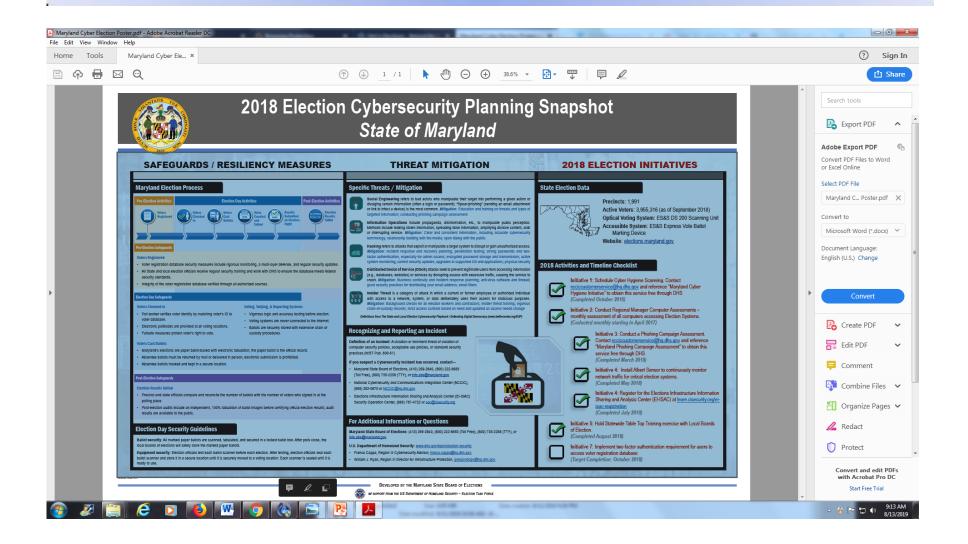
https://www.cbsnews.com/news/mitch-mcconnell-blocks-election-security-bill/https://thehill.com/blogs/floor-action/senate/450334-senate-gop-blocks-election-security-bill

What is Maryland doing toward election security?

Competed for and won selection to work with the National Governors Association to improve cybersecurity of its election infrastructure https://gcn.com/articles/2019/07/08/nga-cybersecurity-states.aspx.

Implementing an Election Cyber Security Plan

https://elections.maryland.gov/about/documents/Maryland%20Cyber%20Election%20Posters.pdf.



How do you define?

Early Voting

- Done at designated polling places.
- Starts the 2nd Thursday before Election Day through the Thursday before Election Day.
- Hours are 10am 8pm each day the site is open for Primary Election, 8am 8pm for the General Election.

Election Day Voting

- Occurs at the voter's assigned polling place.
- Hours are 7am 8pm.

Did you know... Election (Same) Day voter registration now can be done at polling places? This will help get young voters to the polls! https://www.nytimes.com/2019/06/26/opinion/graphics-an-excitingly-simple-solution-to-youth-turnout-for-the-primaries-and-beyond.html

Absentee Ballot

- Voter requests before an election to receive a ballot by mail, fax, or email.
- MD is a 'no reason required' state no reason is required to receive an Absentee Ballot, so you can vote this way instead of having to go to the polling place for convenience only, if you want.
- Voter returns the ballot by mail only, after ensuring he/she has signed the enclosed oath.
- Deadlines and other info are available at https://elections.maryland.gov/voting/absentee.html.
- Voters can put their Absentee Ballots in a locked box at Early Voting sites.

Did you know...

If you print out the ballot on your home printer, the Board of Elections will recreate the ballot onto an official ballot so it will be machine readable.

Question: What is a Provisional Ballot?

Answer: When a potential voter's eligibility to vote cannot be proven at the polls on Election Day, election officials offer the voter a Provisional Ballot.

More on Provisional Ballots (and much else) is available at https://ballotpedia.org/State_by_State_Provisional_Ballot_Laws and at the MD Board of Elections website:

https://elections.maryland.gov/voting/provisional voting.html

Did you know...

In Maryland, a provisional ballot is rejected when:

- The voter is determined not to be qualified;
- The voter cast more than one ballot for the same election;
- The voter failed to sign the oath on the provisional ballot application;
- The local board determines that a provisional ballot was intentionally marked with an identifying mark that is clearly evident and placed on the ballot for the purpose of identifying the ballot; or
- If the intent of the voter with respect to a particular contest is not clearly demonstrated, the local board shall reject only the vote for that contest.

Ideal Ballot Auditing Process

Ideal Ballot Auditing Process:

- Uses data verification methodologies
- Catches errors and fraud
 - Ballot tabulation errors
 - Intentional online fraud
 - Intentional paper ballot fraud
- Extremely fast and efficient (e.g. election night)
- Transparent and verifiable by the public (election night)
- Provides confidence in vote count

Data Verification

- Double entry (voters signing in = votes cast = ballots used < ballots provided)
- Anomalies analysis.
 - Precincts that report unexpected results (turnout, preferences) should be further analyzed.
- Make data available by precinct so stakeholders can verify it.
- ✓ Verification is the rigorous attempt to find problems.
- ✓ Validation is the absence of problems after a satisfactory attempt to find them.
- ✓ Without granular data, verification is impossible.

How could the election results be changed?

Problem	Detection
Change electronic results in certain precincts by a lot	Investigate anomalies
Change electronic results in most precincts by a little	Random sampling
Tamper with paper ballots (add ballots, delete, exchange)	Compare paper to electronic
Suppress voter turnout in certain precincts or counties	Investigate anomalies
Fail to count a portion of vote in certain precincts	Investigate anomalies

Maryland State Board of Elections (SBE) Ballot Audit Plan –

Maryland SBE Ballot Audit Plan – Automated Software Tabulation Audit

- Maryland uses the software product "ClearAudit" to perform independent postelection tabulation audits. "ClearAudit" is produced by the Boston-based company "Clear Ballot."
- An independent, automated audit relies solely on the use of independent software
 to tabulate ballot images. Election officials compare the results from the
 independent tabulations to the results from the voting system. Any variances
 between the two tabulations are easily identified and resolved.
- Following the 2018 General Election, the SBE conducted an automated software ballot tabulation audit of 100% of the ballot images, while each local board of elections conducted a manual ballot tabulation audit of a sample of ballots.

The Use of Ballot Images:

- Allows elections officials to maximize the technological functions of the new voting system while minimizing human error and eliminating chain of custody issues by using securely stored ballot images, rather than voted paper ballots; and
- Removes the need for election officials to physically handle or count voted ballots unless a petition for recount or other judicial challenge is granted.

See: http://mgaleg.maryland.gov/2018RS/chapters noln/Ch 523 hb1278E.pdf for the law governing post-election tabulation audits.

Maryland SBE Ballot Audit Plan - Post-Election Manual Ballot Tabulation Audit

The post-election manual ballot tabulation audit requires an audit of:

- At least 2% of precincts statewide, including at least 1 randomly selected precinct in each county and the remainder of precincts to be chosen by the SBE; and
- A number of votes equal to at least 1% of the statewide total in the previous comparable general election-of early votes, absentee votes, and provisional votes, including a minimum number in each county, as set by SBE.
- For the 2018 General Election, SBE set 15 votes as the minimum number of absentee ballots and provisional ballots for some counties.

Campaign Finance

Campaign Finance

To obtain information on campaign finance in Maryland, google "Maryland State Board of Elections" or go to: https://www.elections.maryland.gov/campaign-finance/index.html.

- From this website, you can review the information campaign committees provide, view filed campaign finance reports, and search for committees' contributions and expenditures.
- Note Political committees do not have to file detailed reports, if they don't receive contributions or make expenditures in excess of \$1000.00
- In addition, the reporting schedule is posted on this website; plus, you can find how much party committees are allowed to contribute.

Campaign Finance (Continued)

The Campaign Finance section of the Maryland State Board of Elections website also explains:

- How public campaign funding for governor and lieutenant governor candidates works; and
- That lobbyists and people doing business with the state government must file a disclosure of contributions every six months.

This link: https://www.howardcountymd.gov/Departments/Finance/Citizens-Election-Fund explains how to make contributions to County Executive and Council candidates who choose to participate in the Howard County campaign funding program for those offices.

Questions?

Back-Up Slides

Did you know...

 Prior to every election, the local board of elections must perform an accessibility survey on every new early voting center, new polling place or any existing polling place that was recently renovated.



- The survey the board uses mirrors the American with Disabilities Act (ADA) requirements and the checklist suggested by the Department of Justice. The survey may be found at: https://www.ada.gov/votingchecklist.htm.
- The areas covered in the board's evaluation include, but are not limited to, voter accessibility inside and outside the polling place, polling place signage, and voting procedures, e.g. check-in process, provisional voting, and same day registration, etc.



Did you know...

- Prior to every election, the Maryland State Board of Elections (SBE)
 estimates how many ballots are needed for each early voting center and
 election day precinct. This estimate is based on historical turnout data and
 the estimated turnout for the upcoming election.
- The SBE provides these estimates to the local boards of elections, and they work together to identify the appropriate number of ballots to order and deploy for each voting center and election day precinct.
- Regulation 33.10.01.11 of the Code of Maryland Regulations specifies the minimum number of scanners a local board of elections must deploy to an early voting center (2) and an election day precinct (1).
- Since each scanner has an emergency bin to store securely voted ballots if the scanner isn't working as expected, it's not necessary to have back-up scanners at every election day precinct.

Did you know...



- Ballot retention is called for in the Maryland Code and COMAR (Code of Maryland Regulations), but the Maryland SBE and the Local Election Boards ultimately determine the timing for retaining and disposing of materials.
- Currently the guidelines call for all paper ballots, paper or machine read, including absentee ballots to be retained for 22 months, and then destroyed.
- Campaign financing and candidacy records are retained for 4 years from the date of the election then sent to the State Archives for permanent retention.
- The complete records and retention and disposal schedule for the Maryland SBE may be found on the Maryland State Archives website (Guide to Government Records).

Did you know...

... that the Maryland SBE and HoCo Board of Elections have an active community outreach effort? For example:

- The Maryland SBE website at https://elections.maryland.gov posts early voting and election day schedules, plus a host of other useful information.
- The HoCo Board of Elections frequently has a table at local fairs and festivals, where voters can register, change their party affiliation, and ask questions.
- The Maryland SBE has a robust social media presence, where messages pertaining to election-related issues are tweeted and posted regularly.

In addition, the Maryland SBE mails a sample ballot to each voter prior to the general election. The sample ballot also explains how voters can change their registration information and request an absentee ballot.