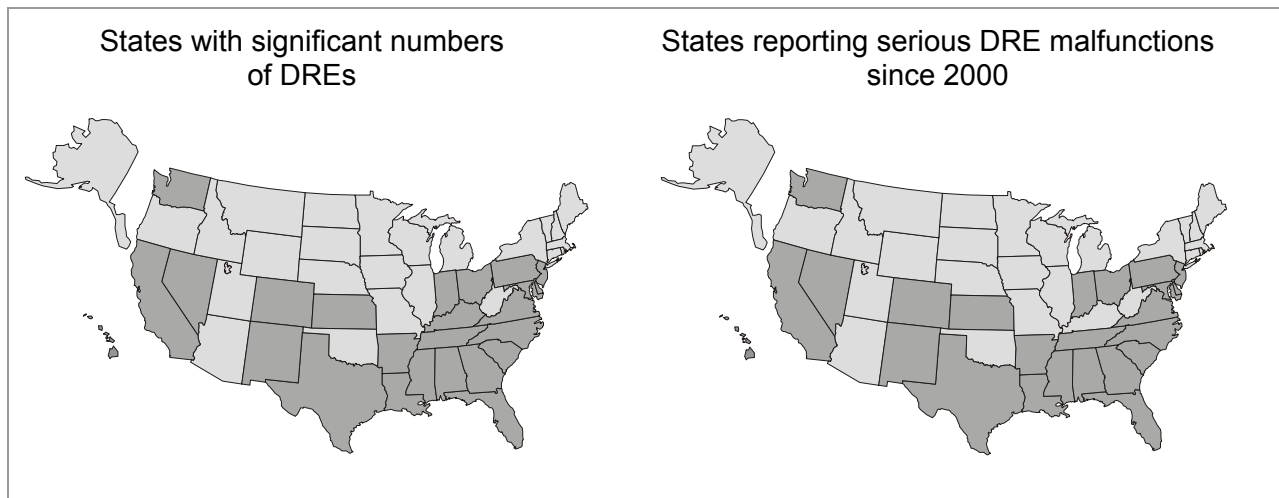


Direct Record Electronic (DRE) Voting Machines



- ◆ DREs are about twice as expensive to purchase as optical scan systems
- ◆ DREs are more expensive to maintain than optical scan systems
- ◆ DREs have a shorter life span than optical scan systems
- ◆ DREs are not as well tested in pre-election testing as optical scan systems
- ◆ DREs have more hidden costs than optical scan systems
- ◆ DREs' batteries must be recharged continually between elections
- ◆ DREs serve few voters per machine, creating a bottleneck and long lines
- ◆ DRE breakdowns cause long lines at the polls
- ◆ DREs lose votes, which cannot be recovered
- ◆ DREs add votes, which cannot be explained
- ◆ DREs heat up and break down during elections
- ◆ DREs have votes jump to the opposite candidate on the screen
- ◆ DREs are confusing to voters, poll workers, and election officials
- ◆ DREs require more intensive poll worker training, more technical poll workers
- ◆ **DREs prevent voters from seeing their own ballots**
- ◆ **DREs prevent ordinary citizens from observing the counting of votes**