

BRENNAN CENTER

FOR JUSTICE

America's Voting Machines At Risk

The National Academy of
Sciences Engineering Medicine

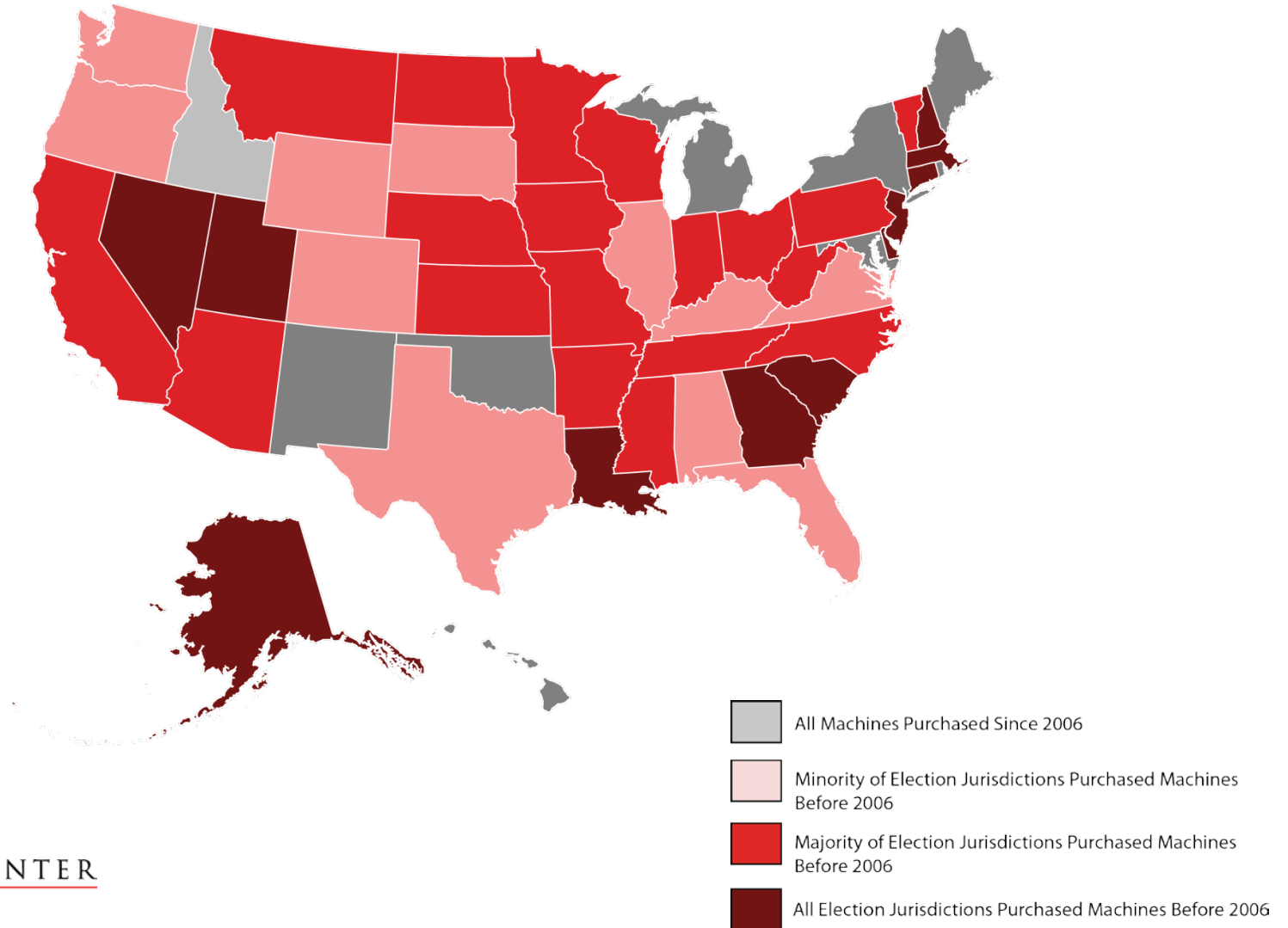
June 12, 2017
Committee on Science,
Technology and Law

Brennan Center for Justice at New York University School of Law

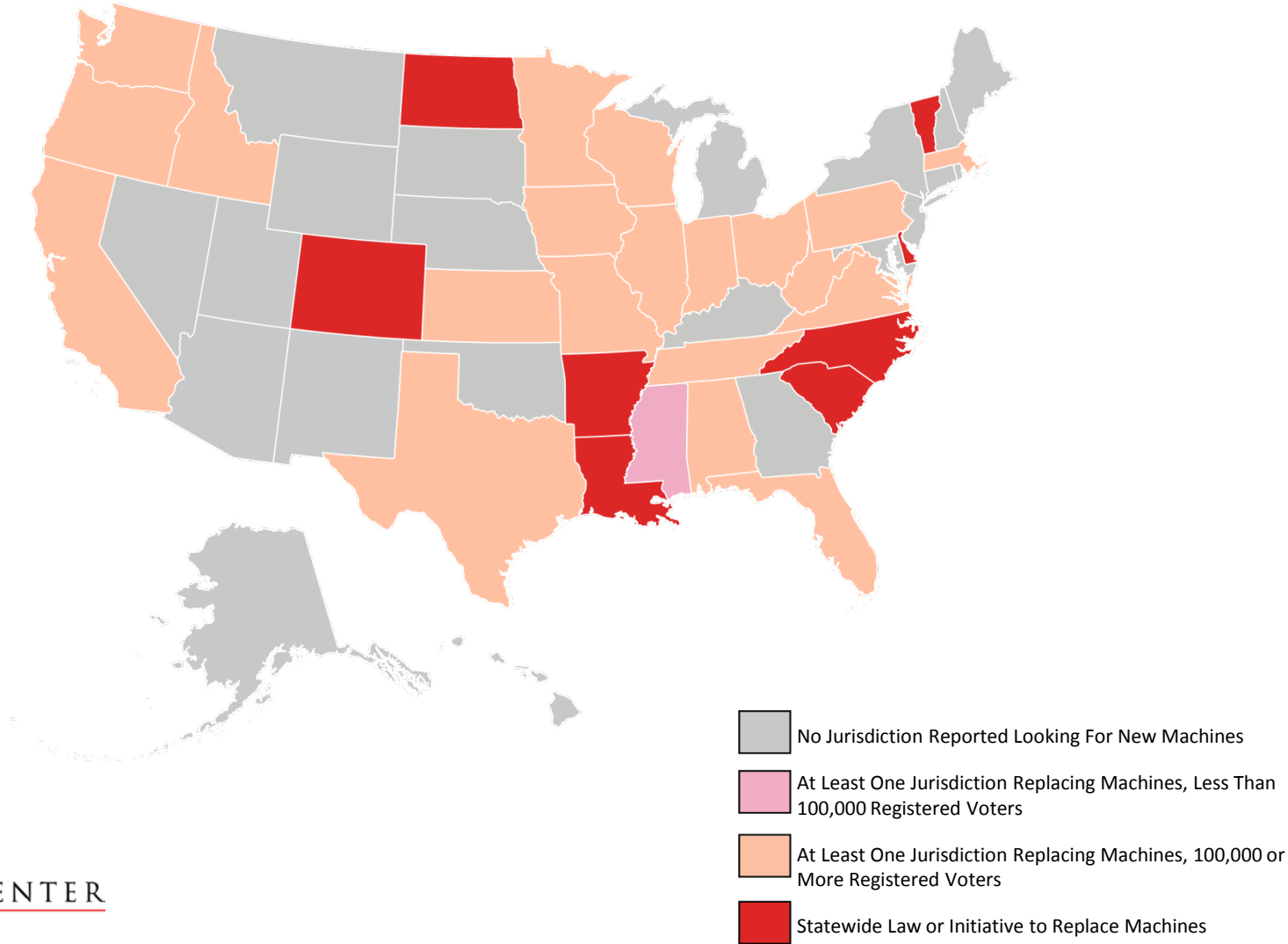
The Lifespan of a Voting Machine: 10 to 15 Years

- Punch card and lever machines lasted for decades
- Today's machines are computerized
 - Shorter lifespan
 - More frequent replacement cycle

41 States Have Machines 10+ Years Old

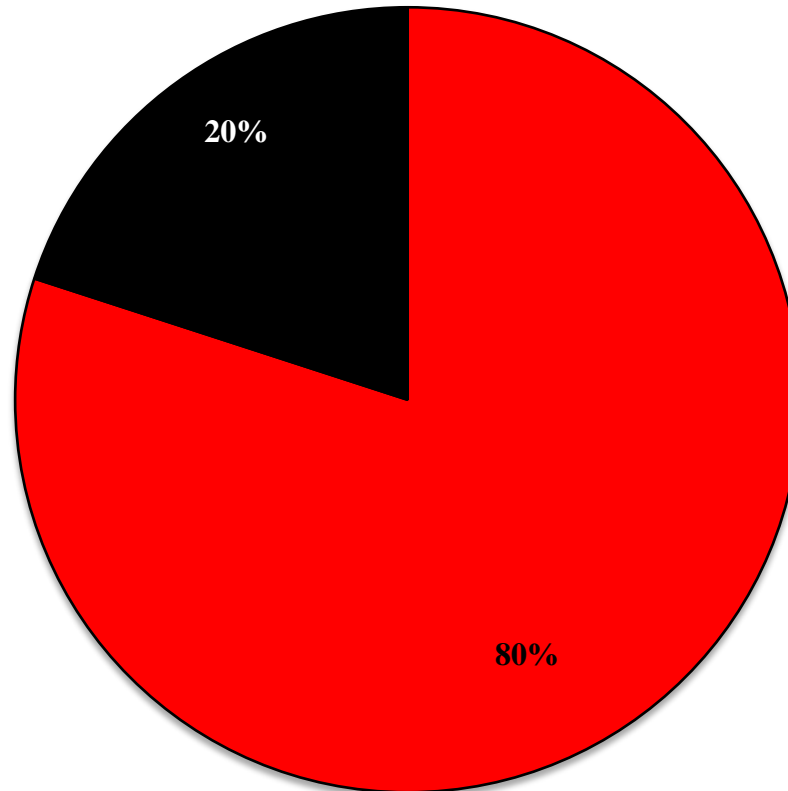


Election Officials in 29 States Want to Replace Voting Machines



Brennan Center Research: Survey of Election Officials

Election Jurisdictions: Need New Machines by 2020



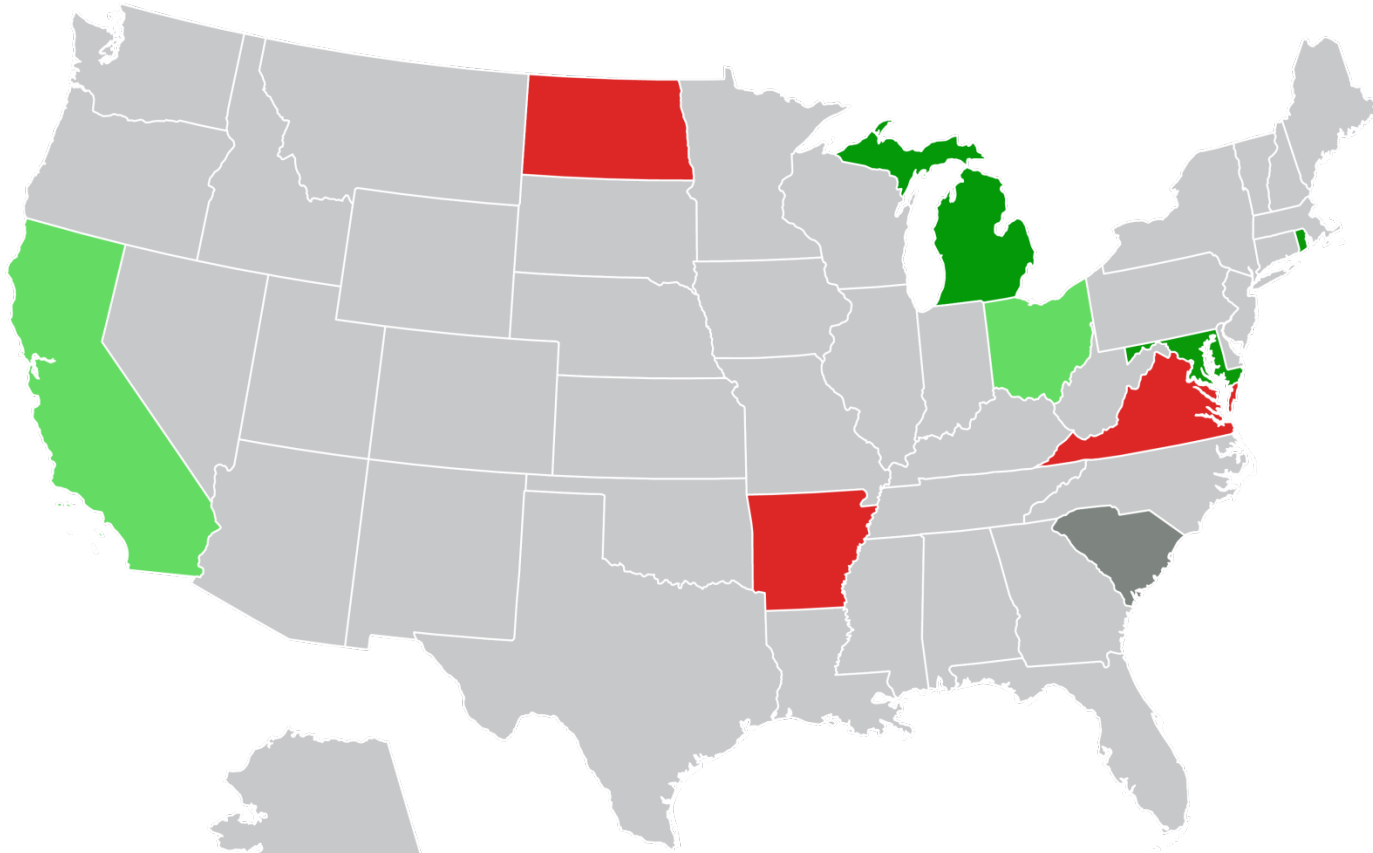
■ No Funding / Uncertain About Funding





■ Have Funding

Challenges of Using Aging Machines

- Break downs during elections
- Part scarcity
- Unsupported software

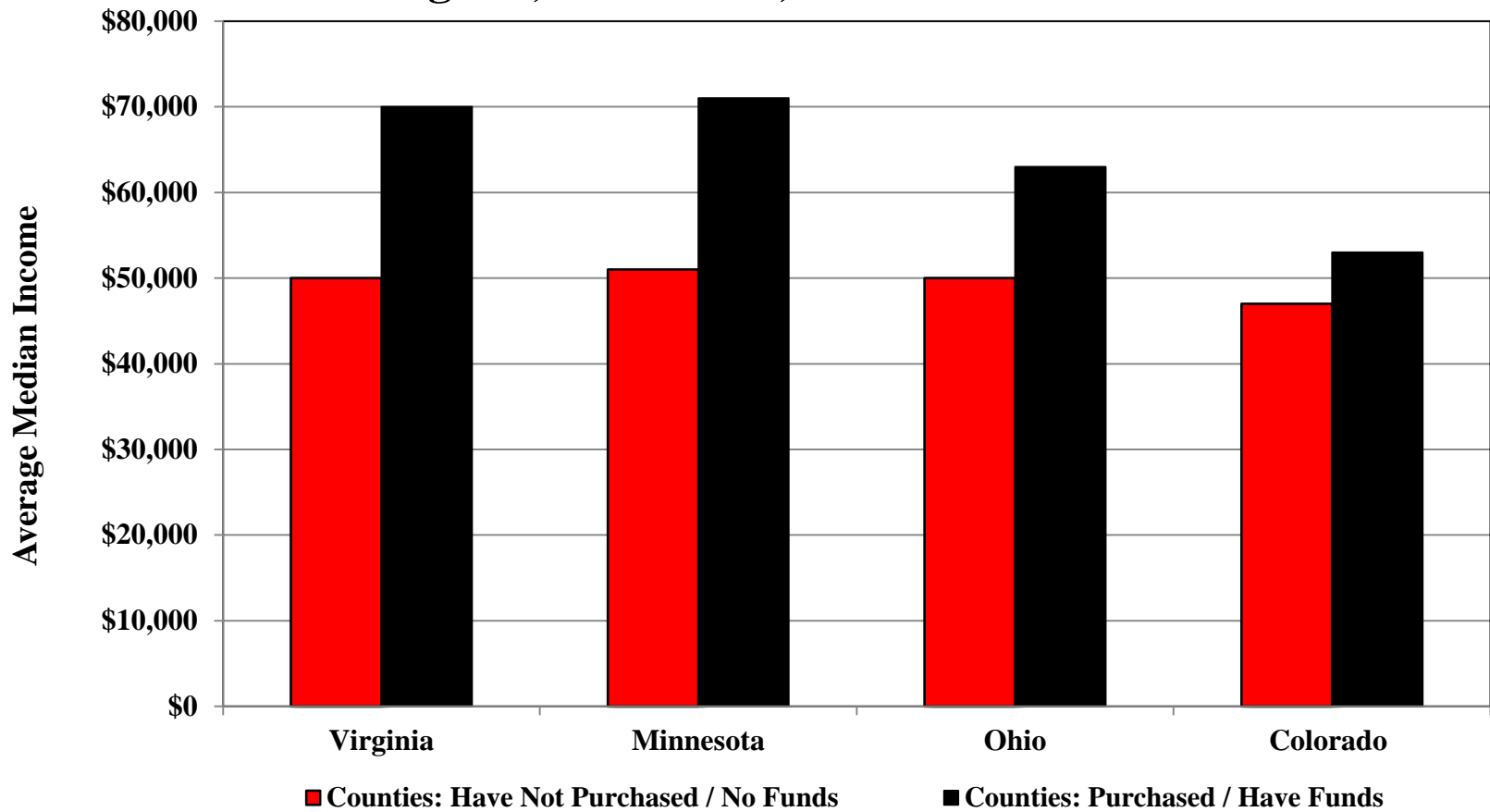
State Funding for Voting Machines



-  Provided Funds for New Machines
-  Rejected Funds for New Machines
-  Delayed Funds for New Machines
-  Proposal for Funding New Machines

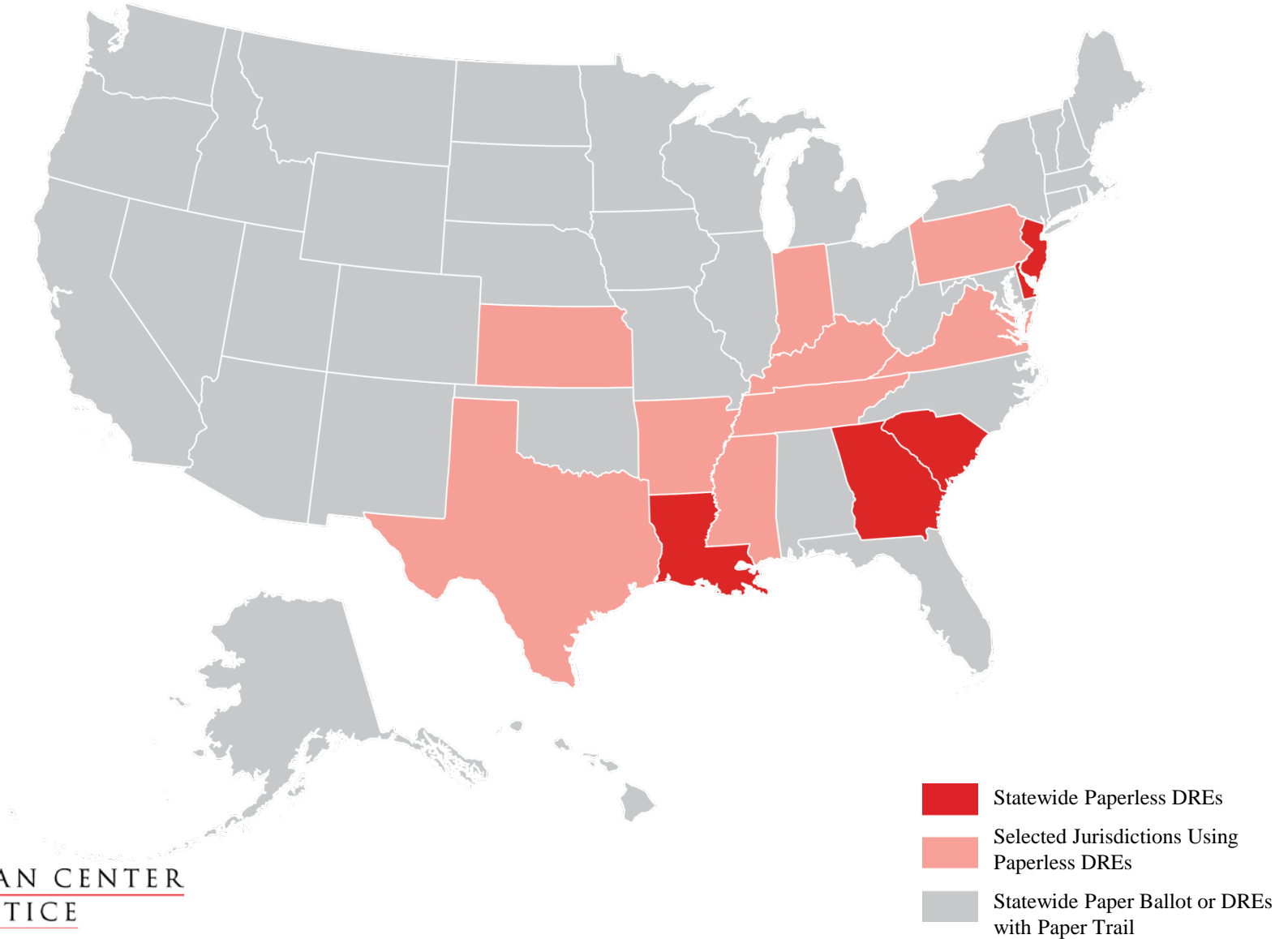
Wealthier Counties Are More Likely to Have Funds

Virginia, Minnesota, Ohio and Colorado



**Minnesota, Ohio and Virginia Analysis as of September, 2015. Colorado Analysis as of March, 2016.*

14 States: Paperless Voting Machines



Voting Technology: Promising Models for Innovation

- Publicly-owned systems using open source software
 - Los Angeles County, California
 - Travis County, Texas
- Commercial-off-the-shelf (COTS) hardware
 - Tablets
 - Scanners
 - Printers

What Can Be Done?

Questions?

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