

# Help America Vote Verification (HAVV) for State Voter Registration

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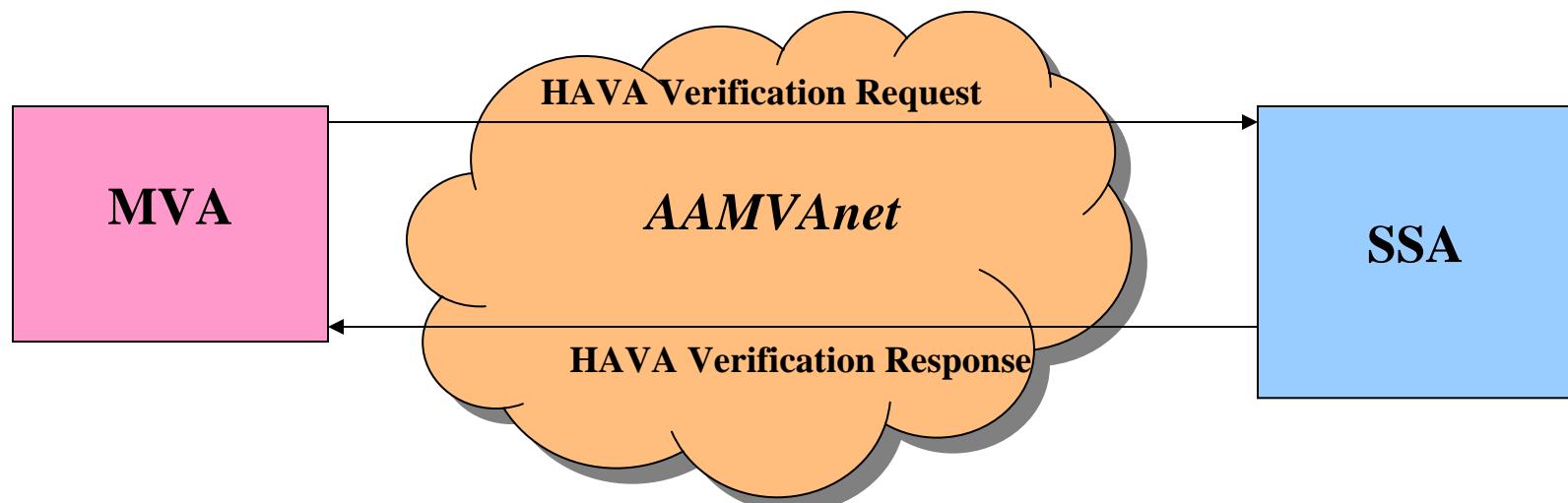
# Help America Vote Act (HAVA) Verification Requirements

- Individual registering to vote must provide:
  - Driver License Number or last four digits of SSN
- State election & motor vehicle authorities match:
  - Voter registration / motor vehicle agency information
- Motor vehicle agency (MVA) and SSA verify:
  - Name
  - Date of Birth
  - Last four digits of SSN
  - Death indicator

# Help America Vote Verification (HAVV)

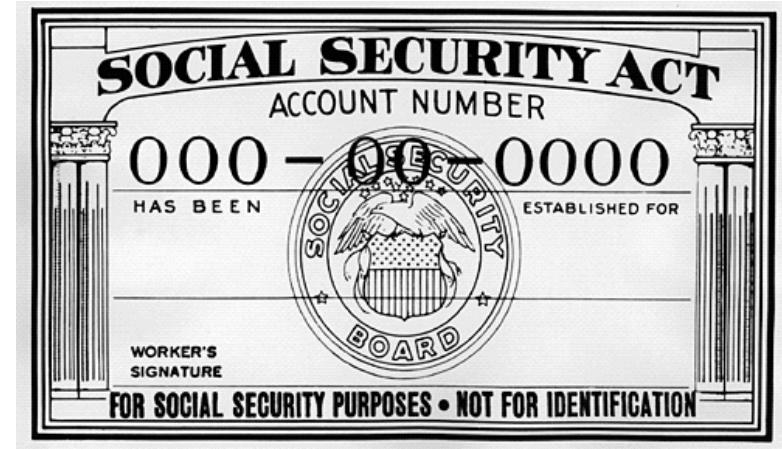
- A way to verify voter registration information with Social Security Administration
- Performed On Line “**real time**”
- Response indicates what data matched SSA’s files
- Uses AAMVAnet™ network

# HAVV: MVA + AAMVAnet + SSA



# HAVV: Data Exchanged

- Sent by Motor Vehicle Agency:
  - Last four digits of SSN (0001-9999)
  - Name (LAST@FIRST@MIDDLE)
  - Date of Birth (yyyymmdd)



# HAVV: Match Criteria

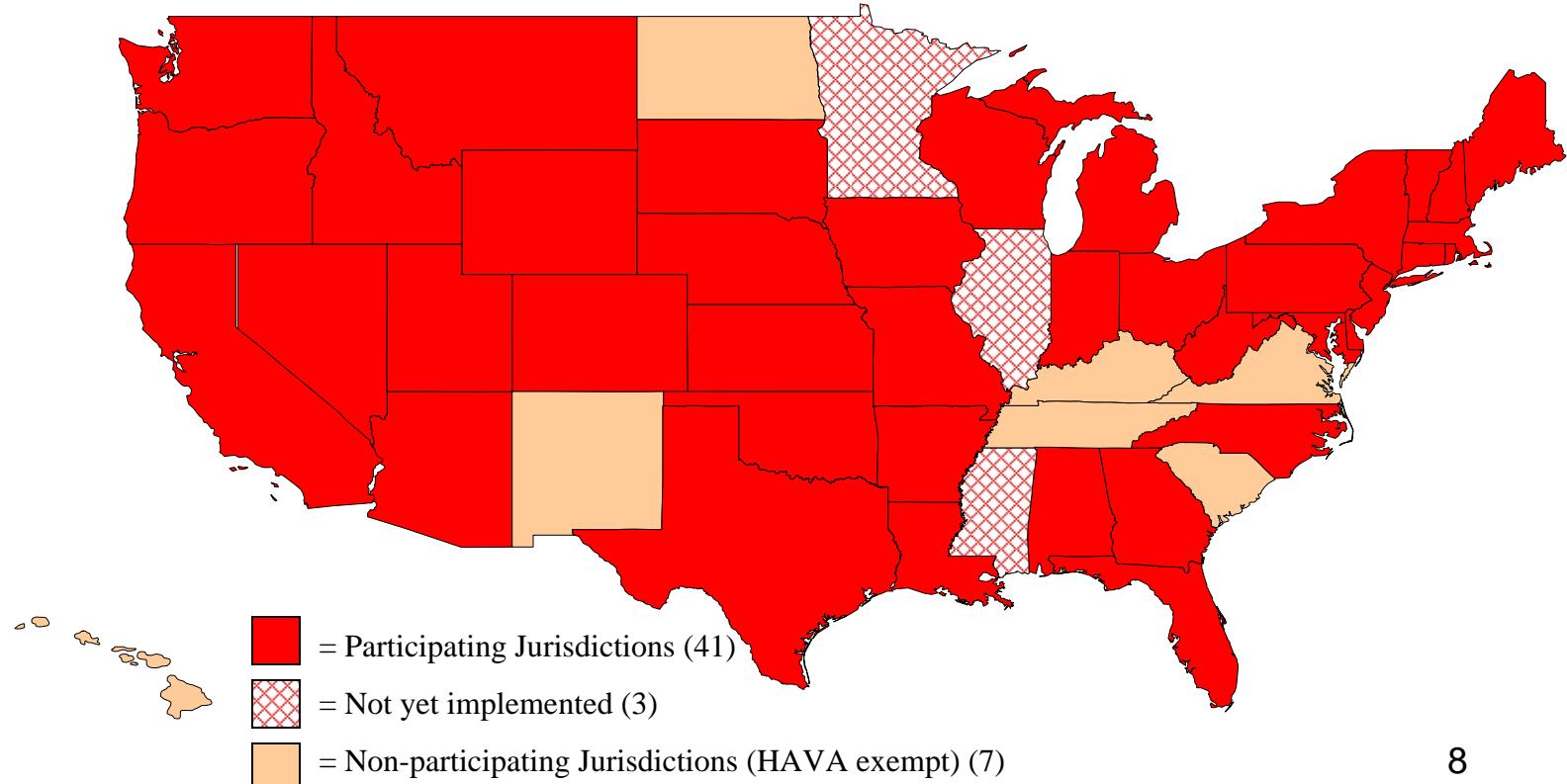
- Last four digits of SSN:
  - Exact match
- Name:
  - Last Name: Exact match
  - First Name: Exact Match
  - Middle Name: Ignore
- Date of Birth:
  - Year: Exact match
  - Month: Exact match
  - Day: Ignore

# HAVV: Data Exchanged

- Response from SSA:
  - S: Invalid input data
  - T: Multiple Matches – all deceased
  - V: Multiple Matches – all alive
  - W: Multiple matches – at least one alive (& at least one deceased)
  - X: Single match – alive
  - Y: Single match – deceased
  - Z: No match found
  - 9: System Error. Unable to process at this time

# HAVV: Participation

November 2007



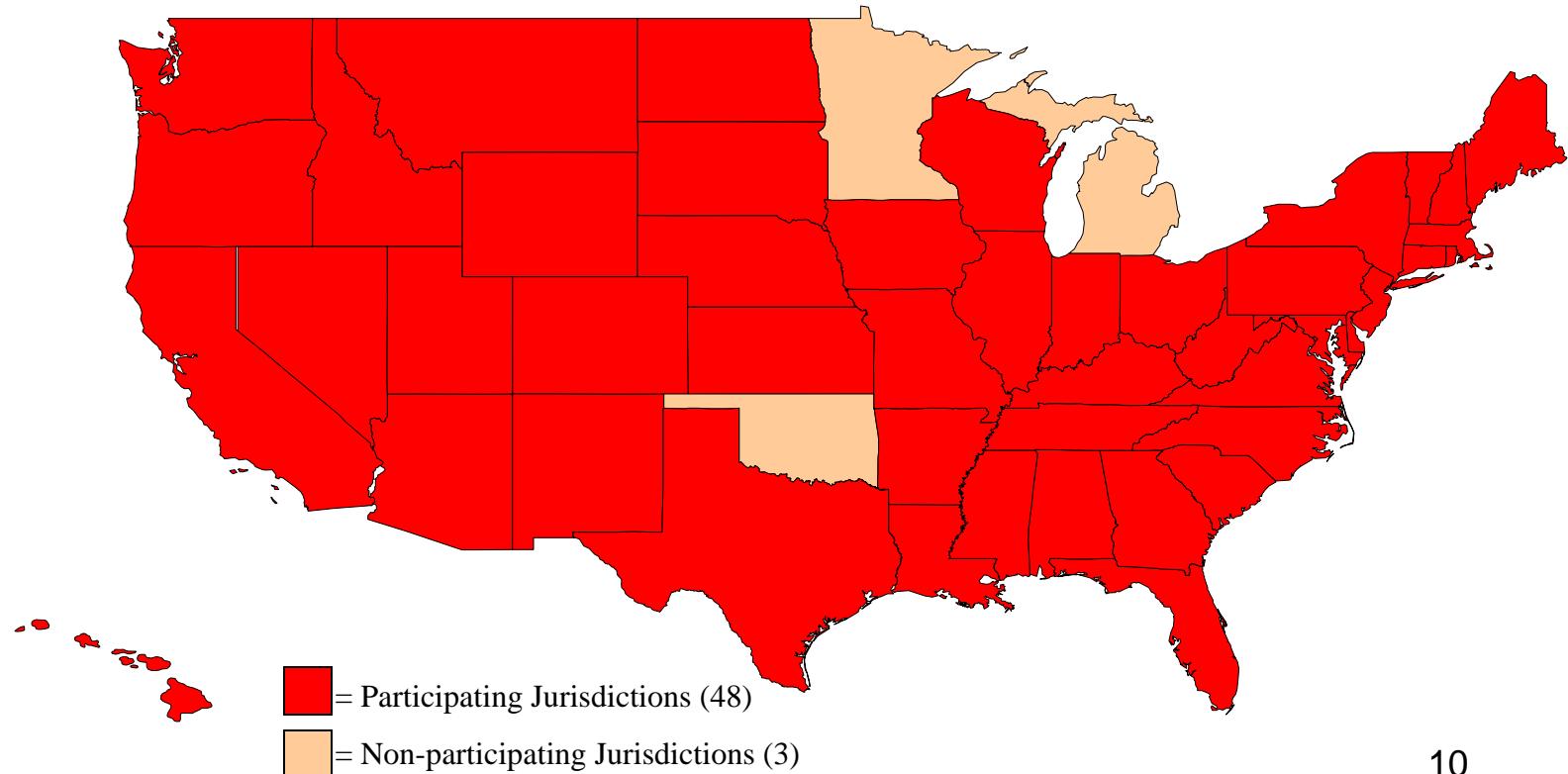
# HAVV: Verification Outcomes

Responses*	%
Single match - alive	<b>53.45</b>
Single match - deceased	1.45
Multiple matches – all alive	0.01
Multiple matches – all deceased	0.00
Multiple matches – mixed (alive/deceased)	~0.00
No match found	45.09

\* Source: SSA, for period 11/05/2007-11/09/2007

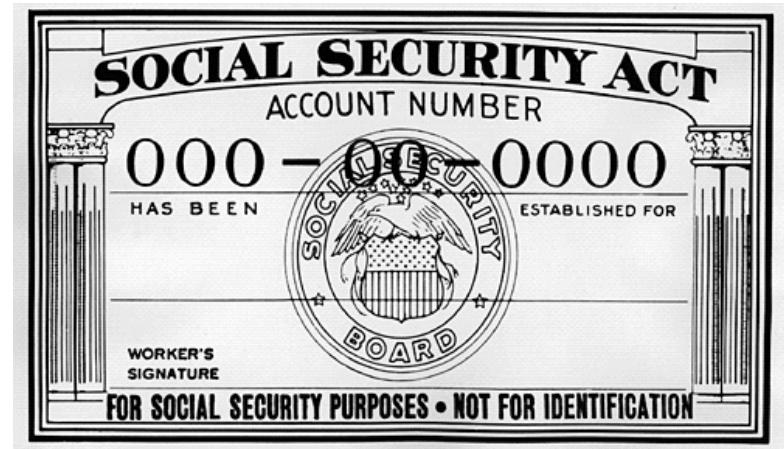
# SSOLV: Participation

November 2007



# SSOLV: Data Exchanged

- Sent from Motor Vehicle Agency:
  - SSN (all 9 digits)
  - Name (LAST@FIRST@MIDDLE)
  - DOB (yyyymmdd)



# SSOLV: Match Criteria

- SSN (9-digits):
  - Exact match
- Name:
  - ‘Fuzzy’/partial match
- Date of Birth:
  - ‘Fuzzy’/partial match

# SSOLV: Data Exchanged

- Response from SSA:
  - 1: SSN, Name and DOB verified
  - 2: Impossible or Invalid SSN
  - 3: Name did not verify, DOB is valid
  - 4: DOB did not verify, Name is valid
  - 5: Name and DOB did not verify
  - 6: SSN, Name and DOB matched, SSA records indicate person is deceased
  - 9: System Error, Unable to process at this time

# SSOLV: Verification Outcomes

<b>Responses*</b>	<b>%</b>
SSN, Name and DOB verified	<b>87.72</b>
Impossible or Invalid SSN	1.88
Name did not verify, DOB is valid	5.68
DOB did not verify, Name is valid	1.27
Name and DOB did not verify	3.41
SSN, Name and DOB matched, SSA records indicate person is deceased	0.04

\* Source: SSA, for period 01/29/2007 - 02/01/2007

# Verification Issues

- Name:
  - ‘Work’ vs. ‘Legal’ Name
  - Fuzzy vs. exact matches
  - Name changes
  - Field sizes/truncation
  - Special characters
- Date of Birth:
  - Fuzzy matches: may ignore ‘month’, ‘day’
- SSN:
  - 4 vs. 9-digits: multiple hits

# Contact Information

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