



# **Federal Voting Assistance Program Technology Programs and 2012 Cycle Initiatives**

**Technical Guidelines Development Committee  
EAC-NIST  
January 13, 2011**

# FVAP 2010 Key Initiatives

## ➤ From an Agency to a Portal

- Serve as the liaison between the voter and the State
- Make the process easy, quick, intuitive and seamless
- Reduce the reliance on Voting Assistance Officers
- Avoid running elections

## ➤ Expanded Assistance for Election Officials

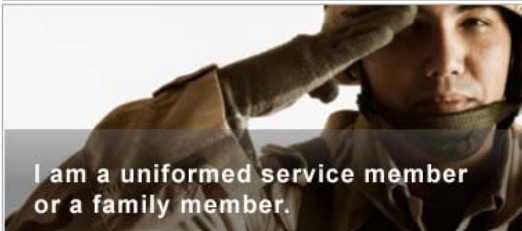
- Incubate the development of new online tools for registration, absentee ballot application, ballot delivery, marking, and tracking
- Tools that voters will use and States will adopt
- Greater control by States and LEOs - Grants
- Not directly supporting electronic transmission of VOTED ballots
- Assist States in compliance

## ➤ Transparency and Data-Driven Operations

- Improve Post-Election Surveys to correct incorrect policies based on poor data
- Post all data and methodology online
- Combine data collection with EAC

# Agency to Portal

## To Vote Absentee, Start By Telling Us Who You Are



I am a uniformed service member or a family member.

For active-duty members of the Armed Forces, Merchant Marine, Public Health Service, NOAA, and their family members.

[Get Started](#)



I am a citizen living outside the U.S.

For United States citizens who are living outside the U.S. for work, school or other reasons.

[Get Started](#)

If neither of these choices apply to you, please visit [www.canivote.org](http://www.canivote.org)

### Election Countdown

**35 Days**

Join us on Facebook & remind your friends to vote!

 [Click here](#)

#### News

[\(More News\)](#)

**September 28, 2010**  
[Absentee Voting Week](#)

**September 21, 2010**  
[Hawaii News](#)

**September 18, 2010**  
[Election Tips for 09/18/2010](#)

#### Voting Updates

email address

 [RSS](#)

#### Quick Links

**NEW** [MOVE Act Waivers](#)

[Registration/Absentee Ballot Request](#)

[Back-up Federal Write-In Absentee Ballot](#)

[Where to Send Forms](#)

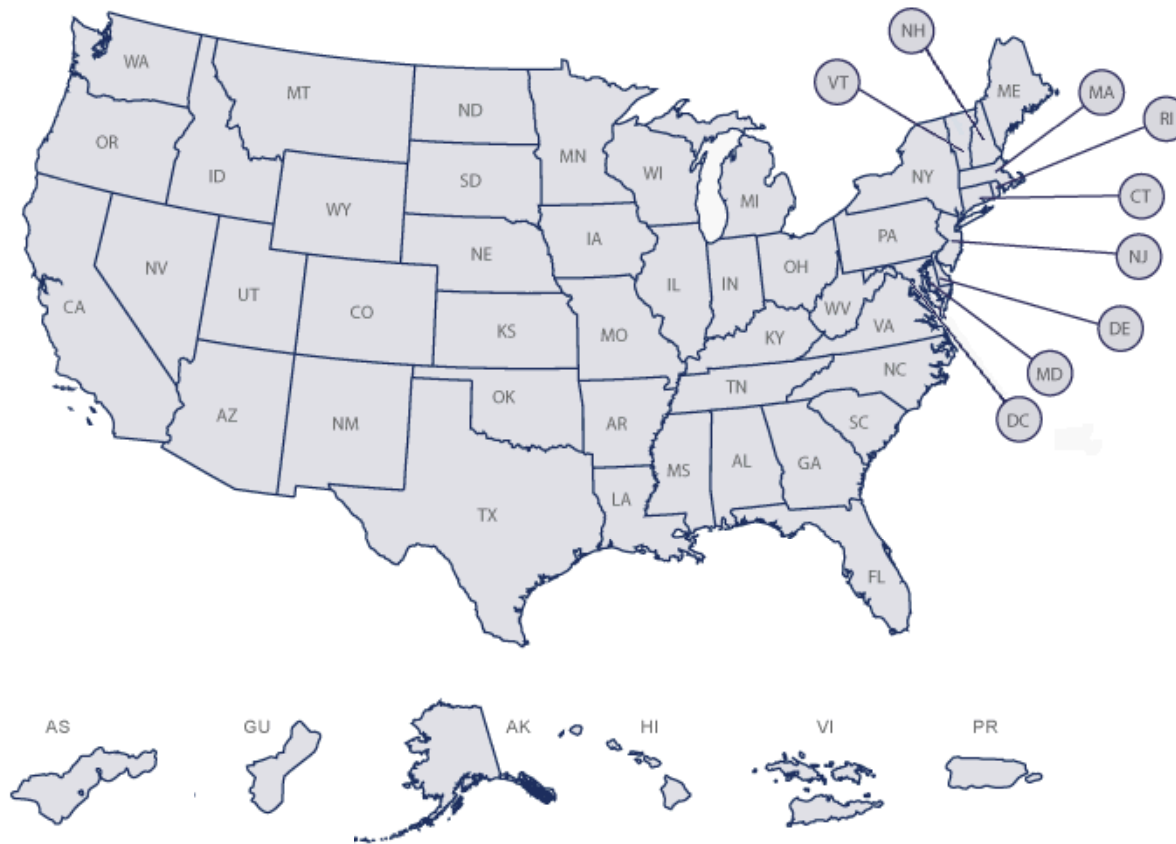
[Information on Absentee Voting](#)

# State Specific Guidance

## Select Your State

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Uniformed Services members- Pick your state of legal residence. Overseas Citizens- Select the state in which you last lived before moving outside the U.S. Check the [Frequently Asked Questions](#) for more information on legal voting residence.



# Steer Voter to State Systems

[Home](#) > [Select Your State](#) > [What Would You Like to Do?](#) > [Get My Ballot Now](#)

## Get My Ballot Now

Use Virginia's automated assistant to get a complete State ballot.

[Get Started](#)

or

Use FVAP's automated assistant to complete and print a back-up write-in ballot for Federal candidates.

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### Important Dates for UOCAVA citizens

General Election: 11/02/2010  
Uniformed Service members Register by: 10/26/2010  
Overseas Citizens Register by: 10/12/2010  
Request ballot by: 10/26/2010  
Return ballot by: 11/02/2010

### Please See Important Notice to Virginia Users of Federal Write-in Absentee Ballot (FWAB)

#### Resources:

[Virginia Absentee Voting Guidelines](#)  
[Virginia State Election website](#)

**ALERT:** Deadlines for Return of Voted Ballots from APO/FPOs

**Would you rather fill out the form by hand?**

Federal Write-In Absentee Ballot

# Online Registration Tool

## Federal Post Card Application (FPCA) for Absentee Ballot

### Complete the Form

[Eligibility](#)

[State](#)

[Jurisdiction](#)

**[My Information](#)**

[Voting Residence](#)

[Mailing Address](#)

[Method to Send Form](#)

[Method To Receive Ballot](#)

[Additional Information](#)

**[Print and Finish](#)**

Uniformed Services Member > Washington > King

### My Information

First Name (required)

Telephone  ⓘ

Middle Name (required)

Fax (required)  ⓘ

Last Name (required)

E-Mail Address (required)

Suffix

Gender

Previous Name

Date of Birth (required)

Political Party  ⓘ

Social Security Number (required)  -  -  ⓘ

Driver's License or ID Number (required)  ⓘ

Enter your Washington Driver's License number OR the last four digits of your Social Security number. If you do not possess either of these numbers, the State will assign you a number for registration purposes.

[< Back](#)

[Continue >](#)



# Pre-Filled Output



## Instructions for Washington

Thank you for using the automated ballot request process. Review, print, sign, and submit your completed absentee ballot request form to your local election official at the address provided below.

General Election: November 2, 2010; Registration: November 2, 2010; Ballot Request: November 2, 2010; Ballot Return: Signed and Dated by: November 1, 2010; Received by: November 23, 2010 State Primary Election: August 17, 2010; Registration: August 17, 2010; Ballot Request: August 17, 2010; Ballot Return: Signed and Dated by: August 16, 2010; Received by: September 1, 2010

NOTE: Recommended Mailing Dates for Voted Ballots in 2010:

- From Iraq, Afghanistan, Deployed Naval Vessels: 4 weeks before the election
- From Other overseas Military Installations: 3 weeks before the election
- From Other overseas locations: 4 weeks before the election (depending on foreign mail service)
- From Within the United States: 1 week before the election

NAME AND COMPLETE ADDRESS  
 Robert Harrison Carey  
 NAVCENT F2C2  
 FPO AE 09504-6219

US POSTAGE PAID  
 39 USC 3406

PAR AVION

OFFICIAL ABSENTEE BALLOTING MATERIAL - FIRST-CLASS MAIL

NO POSTAGE NECESSARY IN THE U.S. MAIL - DMM 703.8.0

TO: King County Elections Services  
King County Elections Division  
919 SW Grady Way  
Renton, WA 98507-2906

Print Form

(After completion, fold to inside and seal before mailing.) WARNING: Knowingly presenting false information in this application could result in criminal sanctions. Standard Form 75A (Rev. 10-2005)

### REGISTRATION AND ABSENTEE BALLOT REQUEST - FEDERAL POST CARD APPLICATION (FPCA)

1. I REQUEST ABSENTEE BALLOTS FOR ALL ELECTIONS IN WHICH I AM ELIGIBLE TO VOTE AND I AM (Mark only one):

(a) A MEMBER OF THE UNIFORMED SERVICES OR MERCHANT MARINE ON ACTIVE DUTY, OR AN ELIGIBLE SPOUSE OR DEPENDENT

(b) A U.S. CITIZEN RESIDING OUTSIDE THE U.S. TEMPORARILY

(c) A U.S. CITIZEN RESIDING OUTSIDE THE U.S. INDEFINITELY

2. MY INFORMATION (Required)

A. TYPED OR PRINTED NAME (Last, First, Middle) Carey, Robert, Harrison

B. SUFFIX (Dr., Sr., II, etc.) Jr.

C. PREVIOUS NAME (if applicable)

C. SEX  M  F

D. RACE

E. DATE OF BIRTH (MM/DD/YYYY) 02/21/1963

F. SOCIAL SECURITY NUMBER -- -- 1234

G. STATE DRIVER'S LICENSE OR ID. NUMBER

H. TELEPHONE NUMBER (no city number; include an international prefix) 703-588-8118

I. FAX NUMBER (no city number; include an international prefix) 703-588-8118

J. EMAIL ADDRESS Robert.Carey@fvap.gov

3. MY VOTING RESIDENCE ADDRESS (Required) (Military, use legal residence. Overseas citizens, use last legal residence in U.S.)

A. NUMBER AND STREET (Censor as a F.O. Box) 23 Mockingbird Lane

B. CITY, TOWN OR VILLAGE Seattle

C. COUNTY King

D. STATE WA

E. ZIP CODE 99453 --

4. WHERE TO SEND MY VOTING MATERIALS

A. MY CURRENT ADDRESS (Mailing address) (Required) NAVCENT F2C2

B. MY FORWARDING ADDRESS (NOTE: Complete as only if you do not want your ballot mailed to the address in Block 4a.) FPO AE 09504-6219

5. I PREFER TO RECEIVE MY ABSENTEE BALLOT, AS PERMITTED BY MY STATE, BY:  MAIL  FAX  EMAIL

6. MY POLITICAL PARTY PREFERENCE (Optional, but may be required by states to register to vote in primary elections)

7. ADDITIONAL INFORMATION (Designate the period for which you want to receive ballots - see instructions for Block 4, paragraph 2). Receive ballots for: All elections for which I am eligible.

8. AFFIRMATION (Required)

I swear or affirm, under penalty of perjury, that:

- I am a member of the Uniformed Services or merchant marine on active duty or an eligible spouse or dependent of such a member, or a U.S. citizen temporarily residing outside the U.S., or other U.S. citizen residing outside the U.S., and
- I am a U.S. citizen, at least 18 years of age (or will be by the day of the election), eligible to vote in the requested jurisdiction, and I have not been convicted of a felony or other disqualifying offense or been adjudicated mentally incompetent, or if so, my voting rights have been reinstated, and
- I am not registering, requesting a ballot, or voting in any other jurisdiction in the U.S., and
- My signature and date below indicate when I completed this document, and
- The information on this form is true and complete to the best of my knowledge.

I understand that a material misstatement of fact in completion of this document may constitute grounds for conviction of perjury.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_ (MM/DD/YYYY) Signed: \_\_\_\_\_ (Not Required) Date: \_\_\_\_\_ (MM/DD/YYYY)

The information contained here in is for official use only. Any unauthorized release of this information may be punishable by law.

75A

# Online FWAB Wizard

[START OVER](#) [FVAP HOME](#) [CONTACT FVAP](#)

You have entered personally identifying information. Close your browser when finished if using a shared or public computer.

## Federal Write-In Absentee Ballot (FWAB)

- Complete the Form**
- Eligibility
- State
- Jurisdiction
- Use of the FWAB
- My Information
- Voting Residence
- Mailing Address
- Additional Information
- Vote Candidates**
- Confirm Votes
- Print and Finish

Uniformed Services Member > Pennsylvania > Philadelphia

### Vote Candidates [\(Help\)](#)

[Reset Candidate Choice](#)

Choose your candidates below by selecting the radio button beside your candidate's name. You may also choose a write-in candidate.

You can find help in determining your district's candidates by visiting the [Pennsylvania election web site](#).

#### President/Vice President

This is not an active Presidential election year.

#### U.S. Senator

Selection	Candidate's Name	Political Party
<input type="radio"/>	Douglas Jamison	Libertarian
<input type="radio"/>	McI Packer	Green Party
<input type="radio"/>	Joseph A. 'Joe' Scatak Jr.	Democratic
<input type="radio"/>	Patrick J. 'Pat' Toomey	Republican

Enter Your Write-In Candidate:

#### U.S. Representative/Delegate/Resident Commissioner

Selection	Candidate's Name	Political Party
<input type="radio"/>	Chaka Fattah Sr.	Democratic
<input type="radio"/>	Rick Hollberg	Republican

Enter Your Write-In Candidate:

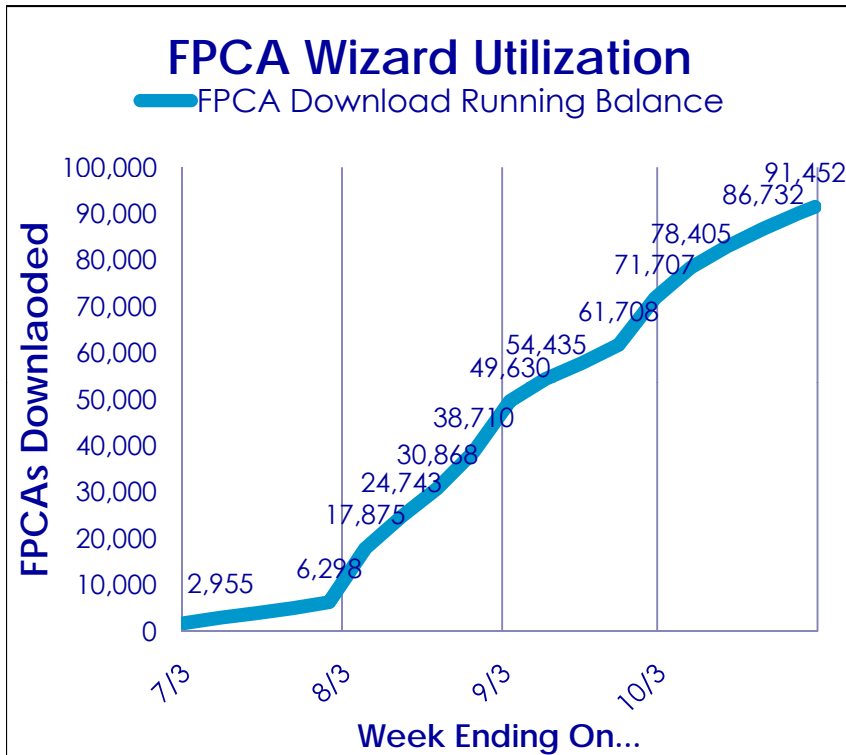
[← Back](#) [Continue →](#)



# 2010 FPCA and FWAB Wizard Utilization

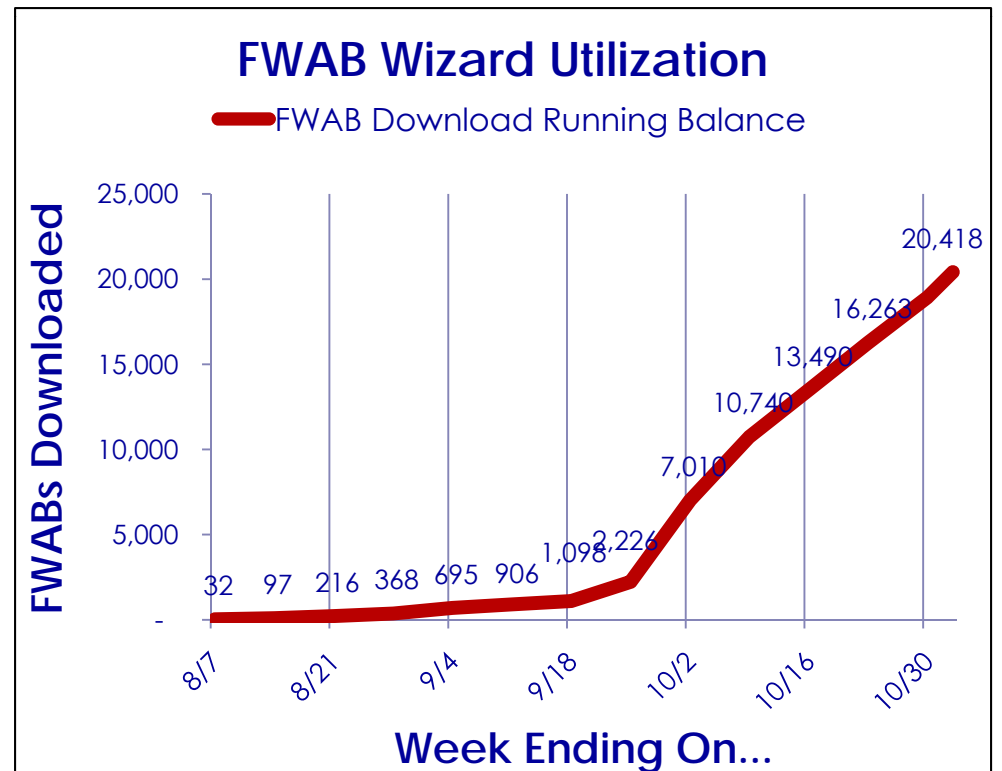
## *FPCA Wizard downloads:*

- **National: 91,565**



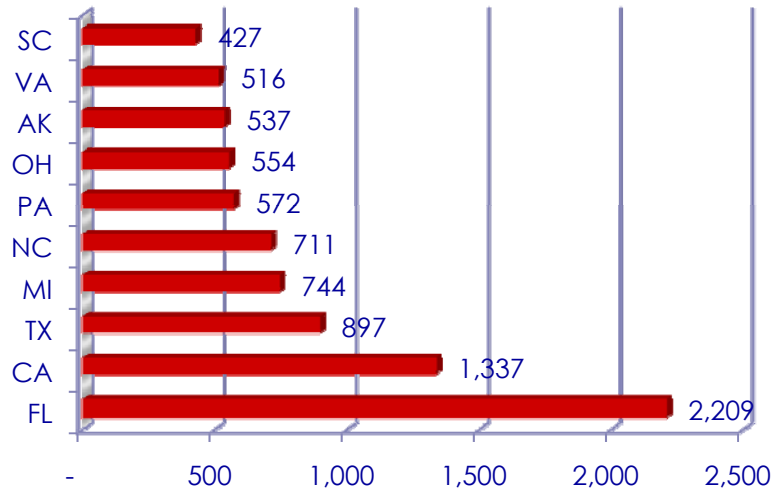
## *FWAB Wizard downloads:*

- **National: 20,536**

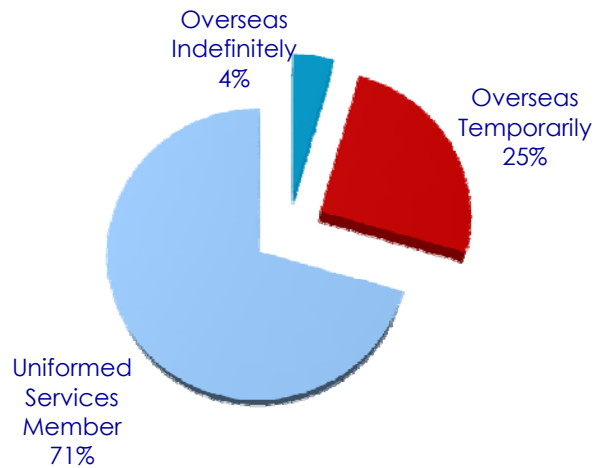
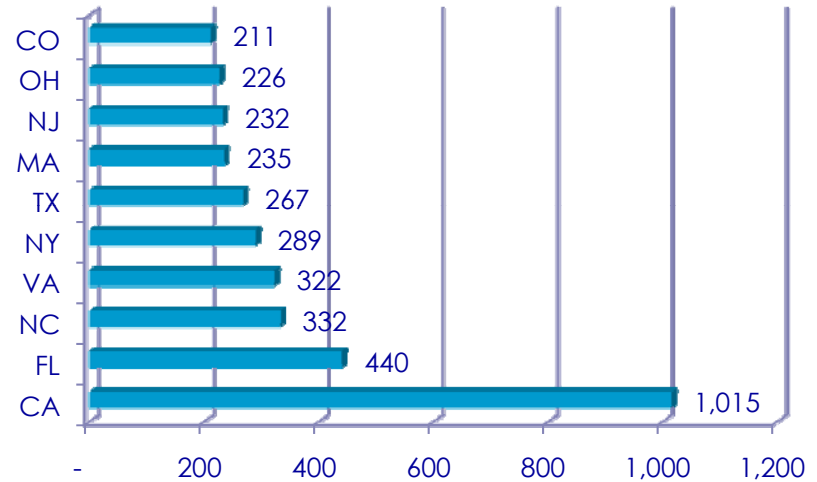


# 2010 FWAB Wizard Utilization

### Uniformed Services FWABs Downloaded

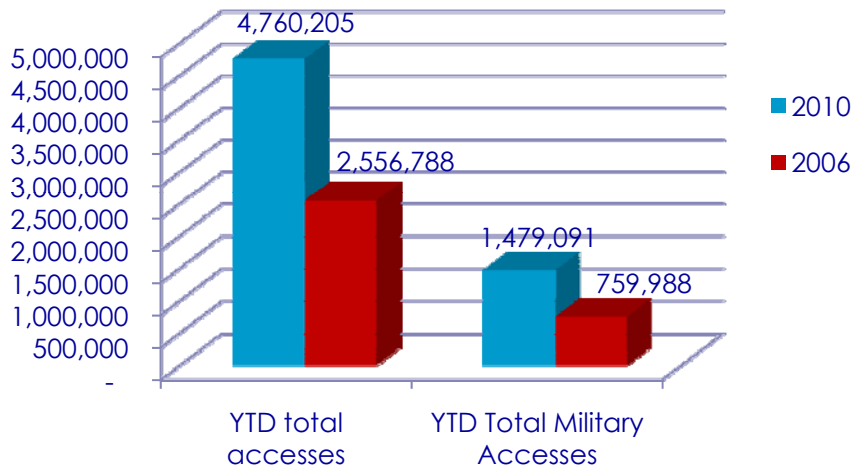


### Total Overseas Citizen FWAB Downloads



# FVAP Website Utilization

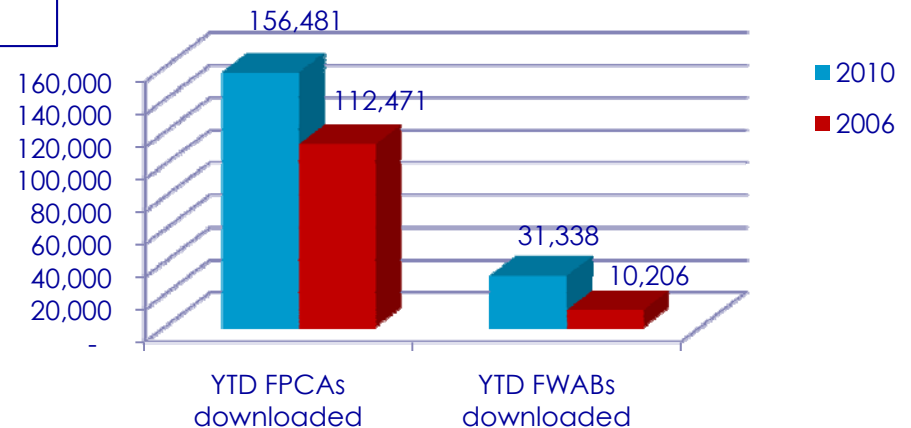
**FVAP.gov Website Use  
2010 vs 2006**



- **Total Accesses: Up 86%**
- **Military Accesses: Up 95%**

- **FPCAs: Up 40%**
- **FWABs: Up 207%**

**Online Form Usage at FVAP.gov  
2010 vs 2006**



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[Federal Write-In Absentee Ballot](#)

# Integration of State Systems

## Future:

Planning a federal grant structured program for states and localities



## Commonwealth of Virginia UOCAVA Overseas Voting

This site will take you through the following steps:

1. Verify your identity
2. Review ballot choices
3. Download and verify ballot form
4. Printing ballot and finish

### Help Resources:

[FVAP online 24x7 chat support](#)

[FVAP Help Site and Toll-Free #s](#)

[Virginia Overseas Voting web site](#)

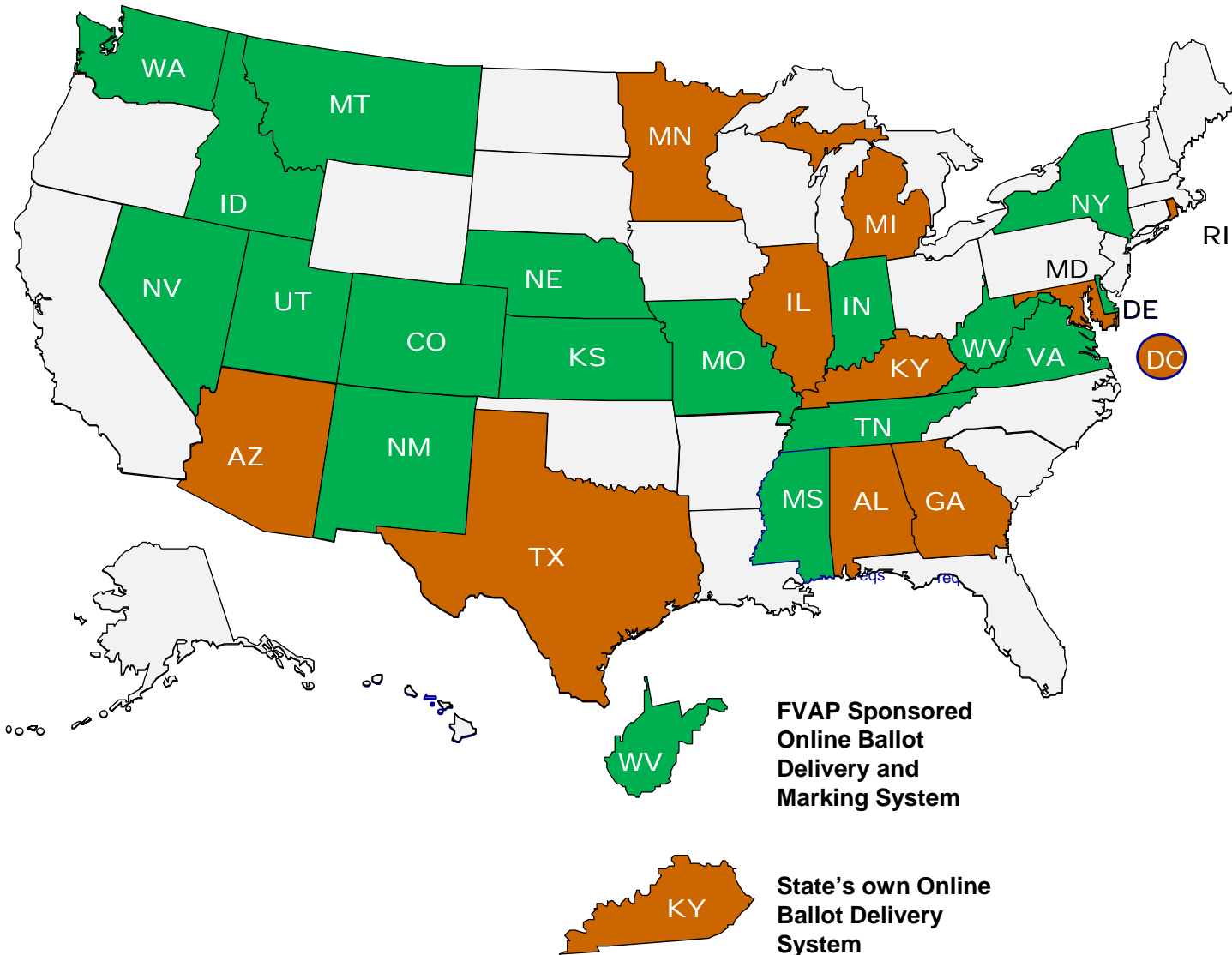
For technical issues with site availability only - (866) 257-2150

Continue

[SBE Home Page](#)

[Additional Election Links](#)

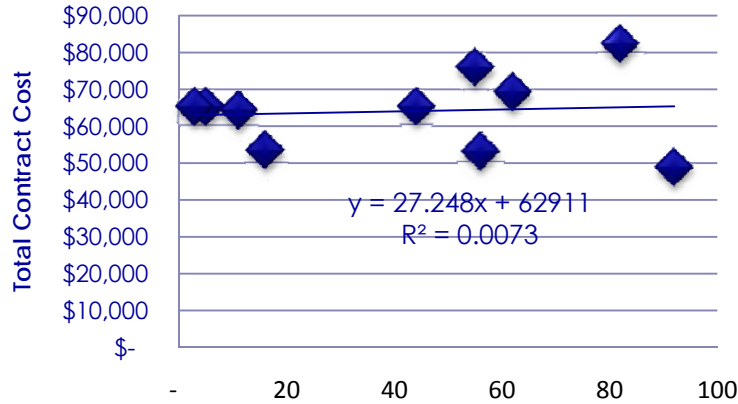
# Online Ballot Wizards



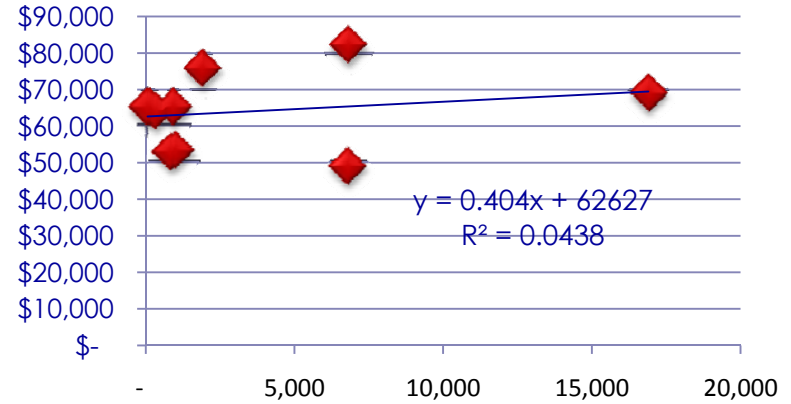
- DE sent out 1/2 of all ballots using online wizard
- WV also has 5 Counties with full internet voting
- WA, CO also had additional, non-FVAP, systems

# EVSW Metrics

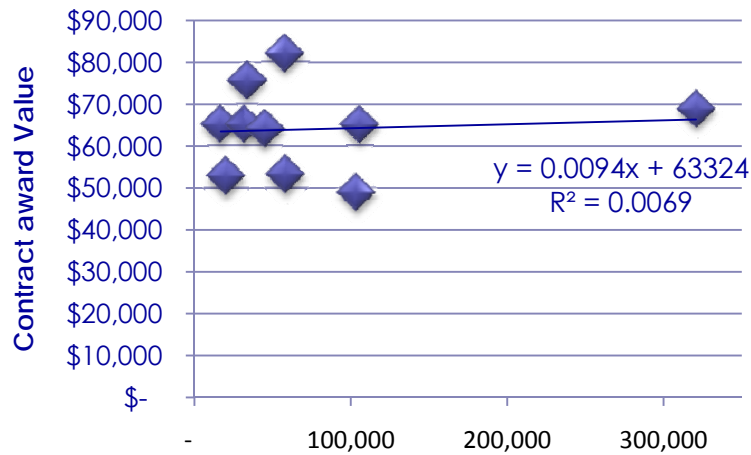
Correlation of Total Contract Cost to Total # of Participating Jurisdictions in State



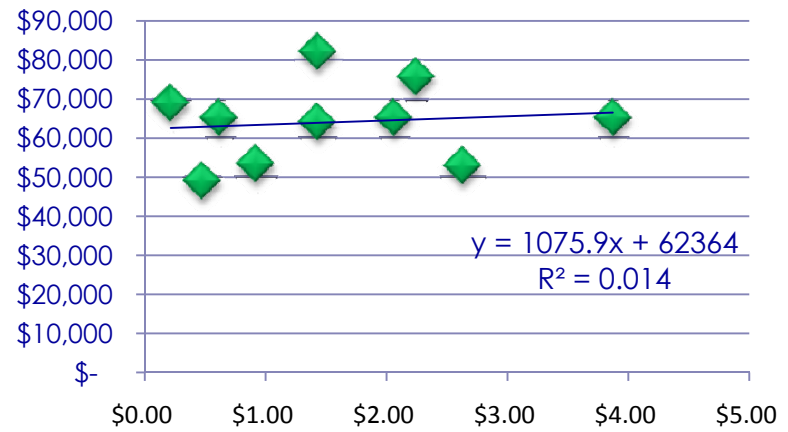
Correlation of Initial Total Award Cost to Total # of Ballot Styles



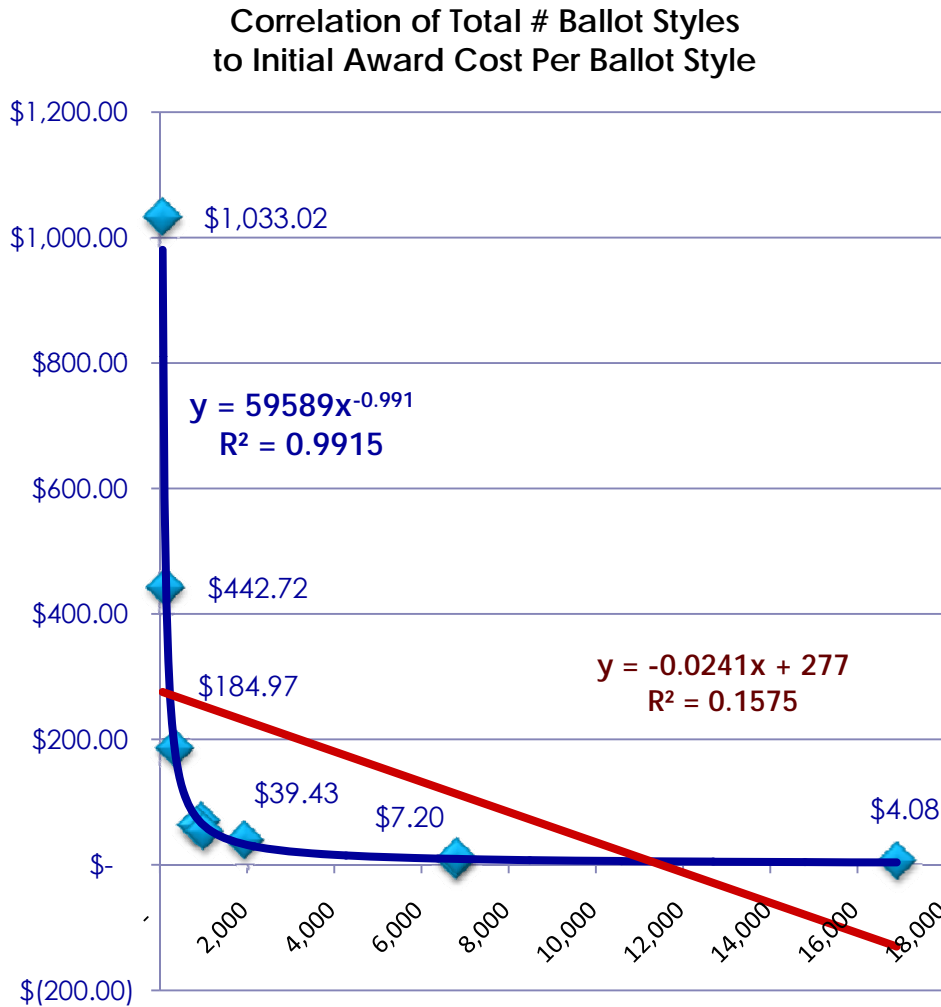
Correlation of Total Estimated UOCAVA Voters in State to Initial Award Cost



Correlation of Contract Cost per UOCAVA Voter to Initial Contract Award Cost



# EVSW Lessons



- **No correlation between contract cost and:**
  - # of ballot styles
  - # of election jurisdictions
  - # of voters
- **Average baseline cost about \$65,000**
- **Marginal cost of additional ballot style is almost zero.**
- **Ballot data acquisition was difficult**
- **Federal Contracting Process was cumbersome**





# 2012 Technology Grant Plan

- 2010 cycle used federal contracting to purchase systems used in States
  - Attempted to incorporate State requirements and input as much as possible
  - But ultimately, it's a federal contract and a federal system
- Instead, 2012 cycle plan is grants to States and localities to incubate technological efforts to serve UOCAVA voters
- Focus Programs:
  - Online Registration
  - Online Absentee Ballot Request
  - Online and Expedited Blank Ballot Delivery
  - Online Voted Ballot Tracking
- Key Grant Considerations:
  - # of Voters Assisted
  - Projected Improvement in UOCAVA Voting Success
  - ROI and length of system availability
- More details of the grant program at pre-NASED meeting on 2/9/11



# Wounded Warriors

Research	Testing & Evaluation
<p>Comprehensive assessment of combat-related disabilities and associated voting challenges in Wounded Warriors</p> <ul style="list-style-type: none"> <li>• EAC grant with ITIC/OBF</li> <li>• FVAP contract with CALIBRE</li> <li>• Surveys of WII</li> </ul>	<p>Independent VSTL testing of the <i>EAC Requirements</i></p> <ul style="list-style-type: none"> <li>• Full test on one manned kiosk system</li> <li>• Security section testing for all five Electronic Voting Support Wizards (EVSW) systems</li> <li>• VSTL result comparison</li> </ul>
<p>Process &amp; Procedures Guide for VAO Wounded Warrior assistance</p>	<p>FVAP direct assistance in care facilities: revisions and additions to FVAP.gov tools and forms</p>
<p>Redesign of voting forms (FPCA/FWAB) for greater usability and accessibility</p>	<p>Focus groups on form design</p>
<p>National Level Cyber-Threat Gap Analysis</p> <ul style="list-style-type: none"> <li>• Voting systems vulnerabilities</li> <li>• Cyber security measures</li> <li>• Strategies for threat awareness, mitigation and continual monitoring strategies</li> </ul>	<p>Mock election</p> <ul style="list-style-type: none"> <li>• Assess usability, accessibility, and privacy of electronic voting systems for Wounded Warriors</li> <li>• National level penetration testing</li> </ul>

## Demonstration & Pilot Projects

- **DoD required by law to conduct electronic absentee voting demonstration project**
  - 42 USC 1073ff note; 2002 and 2005 NDAA's
  - Mandates
    - Cast Ballots through electronic voting system
    - Only Uniformed services voters specified
    - States must agree to participate
    - Report afterwards
  
- **DoD allowed to wait for EAC certified guidelines**
  - EAC establishes guidelines
    - EAC also certifies it will assist in project
    - Different requirement than MOVE Act
  - DoD may further delay implementation

# NIST Proposed Pilot Projects

<u>TGDC WG Proposals</u>	<u>Initial View</u>
Electronic Ballot Delivery	Doing and plan to continue
<ul style="list-style-type: none"> <li>• Attended Kiosk-Based Voting System</li> <li>• Unattended Kiosk-Based Voting System</li> </ul>	Premature? <ul style="list-style-type: none"> <li>• Overseas Citizen definition study</li> <li>• Geographic concentration of OC voters may indicate kiosk is superior approach</li> </ul>
<ul style="list-style-type: none"> <li>• Standard Ballot Delivery Format</li> <li>• CDF for EMS Integration</li> </ul>	Very interested <ul style="list-style-type: none"> <li>• EMS, BDF and VRS/Geo data migration between systems</li> <li>• A widget?</li> </ul>

- **FY2011 Final Appropriations and Ongoing DoD Efficiencies Key Variable**
- **Who should run (and therefore pay for) pilot programs in support of the EAC developed electronic absentee voting guidelines?**



# How Electronic Standards Development Should Be Framed

## GAO Guidance

- FVAP & EAC need detailed plans
- Necessary plan elements:
  - results-oriented action plan
  - goals, tasks, milestones, time frames, and contingencies
- FVAP-EAC Memorandum of Understanding
- EAC-NIST Interagency Agreement
- MOVE Act also requires EAC to develop detailed timeline for development of electronic absentee ballot guidelines - Roadmap

## Risk = % x impact

- Acceptable risk level policy decision already made
  - It **IS** the current voting system
  - Accepts 1/3 of absentee ballots never returned
- We should accept equivalent risk in new UOCAVA systems
  - May have different probability or impact
  - Can reduce probability and/or mitigate impact
  - Goal is to keep risk level at least the same, if not better
- **The articulation of risk in the current system would serve as a useful baseline for future electronic absentee systems**

# Path Forward

## Articulate the Current Risk

- Evaluate the postal mail UOCAVA absentee ballot system as the baseline
- Find comparable current system threats to NIST/other identified threats
- Develop comparable measures for other voting systems

## Establish Properties

- What “properties” are necessary for an electronic absentee voting system?
- To achieve the same level of risk as current system

## Establish Interim Pilots

- Integrate current work
- **Also examine national level threat risks**
- Develop decision points for iterative development

**Focus on Technological, Security, and Reliability Issues with Electronic Return of Voted Ballot**



# **Federal Voting Assistance Program Department of Defense**

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