VUE-IT and Health Care

John L. Teeter
Deputy CIO, HHS

February 24, 2009
VUE-IT is a tool designed to provide insight into the Federal Government IT investments made through the President’s Budget. VUE-IT presents IT investments by agency and bureau, as well as by the service groupings of the Federal Enterprise Architecture (FEA). VUE-IT incorporates the High Risk List and Management Watch List tools used by the Office of Management and Budget to monitor IT budget planning and project execution. Through the integration of IT investment data, the FEA, and IT management tools, VUE-IT provides greater transparency and increases understanding of the Federal IT Portfolio.

VUE-IT Demo

http://www.whitehouse.gov/omb/egov/vue-it/
VUE-IT

(Visualization to Understand Expenditures in Information Technology)

Federal Government » Services to Citizens » Health

### Health

<table>
<thead>
<tr>
<th>Subfunctions</th>
<th>Agencies</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Total Number of Investments: 494  FY2009 Requests: $5,398

### Filters:
- High Risk
- Watch List
- On HR or Watch List

### Subfunctions

<table>
<thead>
<tr>
<th>Name</th>
<th>DME</th>
<th>SS</th>
<th>FY2009 Requests</th>
<th>%</th>
<th>Investments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Health and Human Services</td>
<td>$836</td>
<td>$2,157</td>
<td>$2,992</td>
<td>55%</td>
<td>345</td>
</tr>
<tr>
<td>Department of Veterans Affairs</td>
<td>$364</td>
<td>$502</td>
<td>$966</td>
<td>13%</td>
<td>25</td>
</tr>
<tr>
<td>Department of Defense</td>
<td>$140</td>
<td>$1,203</td>
<td>$1,343</td>
<td>25%</td>
<td>96</td>
</tr>
<tr>
<td>Social Security Administration</td>
<td>$56</td>
<td>$10</td>
<td>$65</td>
<td>1%</td>
<td>6</td>
</tr>
<tr>
<td>Department of Agriculture</td>
<td>$10</td>
<td>$13</td>
<td>$24</td>
<td>0%</td>
<td>17</td>
</tr>
<tr>
<td>Department of Homeland Security</td>
<td>$0</td>
<td>$5</td>
<td>$5</td>
<td>0%</td>
<td>3</td>
</tr>
<tr>
<td>Department of State</td>
<td>$0</td>
<td>$3</td>
<td>$3</td>
<td>0%</td>
<td>1</td>
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<tr>
<td>Department of Transportation</td>
<td>$0</td>
<td>$1</td>
<td>$1</td>
<td>0%</td>
<td>1</td>
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</tbody>
</table>

### Total

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$1,404</td>
<td>$3,994</td>
<td>$5,398</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>494</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**VUE-IT**

*(Visualization to Understand Expenditures in Information Technology)*

Federal Government » Services to Citizens » Health

### Health

Total Number of Investments: 494  
FY2009 Requests: $5,398

#### Subfunctions

<table>
<thead>
<tr>
<th>Name</th>
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<th>FY2009 Requests</th>
<th>%</th>
<th>Investments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access to Care</td>
<td>$54</td>
<td>$45</td>
<td>$99</td>
<td>2%</td>
<td>15</td>
</tr>
<tr>
<td>Population Health Management and Consumer Safety</td>
<td>$326</td>
<td>$203</td>
<td>$529</td>
<td>10%</td>
<td>154</td>
</tr>
<tr>
<td>Health Care Administration</td>
<td>$602</td>
<td>$2,388</td>
<td>$2,990</td>
<td>55%</td>
<td>103</td>
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<tr>
<td>Health Care Delivery Services</td>
<td>$402</td>
<td>$1,168</td>
<td>$1,570</td>
<td>29%</td>
<td>72</td>
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<tr>
<td>Health Care Research and Practitioner Education</td>
<td>$79</td>
<td>$191</td>
<td>$210</td>
<td>4%</td>
<td>150</td>
</tr>
</tbody>
</table>

Total: $1,404  
FY2009 Requests: $3,994  
Total Investments: $5,398  
100%  
494

*Dollar amounts are in millions  
**High Risk** or the HRL icon represents only projects with valid UPIs  
*Each figure is rounded off to the nearest million, so individual line items may not sum to the total.*
# VUE-IT

(Visualization to Understand Expenditures in Information Technology)

Federal Government » Services to Citizens » Health » Population Health Management and Consumer Safety

## Population Health Management and Consumer Safety

**Total Number of Investments:** 154  
**FY2009 Requests:** $529

### Agencies

<table>
<thead>
<tr>
<th>Name</th>
<th>DME</th>
<th>SS</th>
<th>FY2009 Requests</th>
<th>%</th>
<th>Investments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Agriculture</td>
<td>$10</td>
<td>$12</td>
<td>$22</td>
<td>4%</td>
<td>16</td>
</tr>
<tr>
<td>Department of Defense</td>
<td>$12</td>
<td>$13</td>
<td>$26</td>
<td>5%</td>
<td>9</td>
</tr>
<tr>
<td>Department of Health and Human Services</td>
<td>$304</td>
<td>$177</td>
<td>$481</td>
<td>91%</td>
<td>129</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$326</strong></td>
<td><strong>$203</strong></td>
<td><strong>$529</strong></td>
<td><strong>100%</strong></td>
<td><strong>154</strong></td>
</tr>
</tbody>
</table>

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# VUE-IT

(Visualization to Understand Expenditures in Information Technology)

Federal Government » Services to Citizens » Health » Population Health Management and Consumer Safety » Department of Health and Human Services

## Department of Health and Human Services

Total Number of Investments: 129  
FY2009 Requests: $481

### Bureaus

<table>
<thead>
<tr>
<th>Name</th>
<th>DME</th>
<th>SS</th>
<th>FY2009 Requests</th>
<th>%</th>
<th>Investments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food and Drug Administration</td>
<td>$38</td>
<td>$36</td>
<td>$74</td>
<td>15%</td>
<td>25</td>
</tr>
<tr>
<td>Centers for Disease Control and Prevention</td>
<td>$266</td>
<td>$97</td>
<td>$363</td>
<td>75%</td>
<td>64</td>
</tr>
<tr>
<td>National Institutes of Health</td>
<td>$1</td>
<td>$2</td>
<td>$3</td>
<td>1%</td>
<td>2</td>
</tr>
<tr>
<td>Substance Abuse and Mental Health Services Administration</td>
<td>$0</td>
<td>$41</td>
<td>$41</td>
<td>8%</td>
<td>32</td>
</tr>
<tr>
<td>Agency for Healthcare Research and Quality</td>
<td>$1</td>
<td>$0</td>
<td>$1</td>
<td>0%</td>
<td>2</td>
</tr>
</tbody>
</table>

Total | $304 | $177 | $481 | 100% | 129

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VUE-IT
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Federal Government » Services to Citizens » Health » Population Health Management and Consumer Safety » Department of Health and Human Services » Investments for Food and Drug Administration

Investments

Food and Drug Administration

FDA Advanced Submission Tracking and Review (FASTAR) (FY09)
09-10-03-02-0001-00
[Link to Agency Exhibit 300s]
The FDA Advanced Submission Tracking & Review System (FASTAR) is a flexible, electronic means to receive, log, track, assign, process, & manage official submissions. Systems across FDA are being reviewed for potential migration to FASTAR in FY10.
FY09 DME: $2,426 | FY09 SS: $0 | FY09 Total: $2,426

FDA Automated Drug Information Management System (FY09)
09-10-03-02-2010-00
[Link to Agency Exhibit 300s]
Automated Drug Information Management System is being developed as a fully electronic system to receive, evaluate, and disseminate information about

Legend
Watch List | High Risk | E-Gov initiative

Table of Contents
1. FDA Advanced Submission Tracking and Review (FASTAR) (FY09)
2. FDA Automated Drug Information Management System (FY09)
3. FDA CBER Electronic Submission (FY09)
4. FDA CBER NonPDUFA (FY09)
5. FDA CBER PDUFA (FY09)
6. FDA CBER RMS-BLA (FY09)
7. FDA CDER Compliance (FY09)
8. FDA CDER Post Marketing (FY09)
9. FDA CDRH Electronic Submission (FY09)
10. FDA CDRH Mandate Program Reporting Information System (FY09)
11. FDA CFSAN MedSun (FY09)
12. FDA CDRH PreMarket Modernization Project (FY09)
13. FDA CDRH Tracking System (FY09)
14. FDA CFSAN Adverse Events Reporting System (FY09)
15. FDA CFSAN Core IT (FY09)
Federal Health Information Sharing Environment (FHISE) - Creating the Integrated View
FHISE Framework
Supporting Data Needs of FHA Partners

External Partners
Performance Management Systems
FSAM
Strategic Plans
Portfolio Management Systems
FHISE Interface
EA Repositories
Supporting Architecture and the Performance Improvement Lifecycle (PIL)

FHISE provides full support for OMB reporting requirements specific to health IT investments. It also provides support for FSAM and the PIL.
FHISE and VUE-IT

Proposed vision for FHISE framework and metamodel to create a powerful new capability to share, search, and analyze federal health information technology information.

The FHISE Framework will link information across jurisdictional boundaries within the federal government and create a trusted and protected environment for sharing information.

FHISE will provide mechanisms to permit all partner agencies of the Federal Health Architecture (FHA) to share data based on common standards and practices.
FHISE Opportunities

- Provides a comprehensive view of federal healthcare information sharing assets
- Agile and business-driven
- Integrated into the National Health IT Agenda and all FHA initiatives
- Allows for sharing and presentation of information
The Timing Has Never Been Better!

**WILL**
- Federal agencies want more accessibility
- OMB recognizes benefits
- Increased financial and reporting pressures
- Need to track performance
- Willingness to collaborate

**CAPABILITY**
- Better interoperability technologies
- Data is identified
- Expertise exists to build the community

**CAPACITY**
- More health IT funding is now available
- More infrastructure is available to support greater sharing needs
Where is OMB going with **VUE-IT**

“We are serious about making sure VUE-IT evolves based on stakeholder requirements”

- Cross-linking with agency program performance data;
- Integrating more information on cross-Government (E-Gov) initiatives;
- Linking to agency posted Information Resources Management (IRM) Strategic Plans, investment proposal details (Exhibit 300s), and Privacy Impact Assessments (PIAs);
- Trending and benchmarking reports.
- Linking to agency posted Enterprise Transition Plans;
- Overlaying agency-provided segment architecture data; and
- Explicit identification of cross-agency segment architecture collaboration.