



Overview of Homeland Security Presidential Directive 12 (HSPD-12) Personal Identity Verification

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Agenda



- Purpose
- Background
- Key Requirements
- Benefits
- DOE Implementation
- Questions



Purpose



- Common secure ID for U.S. Federal Government employees and contractors
- Physical security – Access to federally owned facilities
- Logical security – Access to federally owned information systems and data
- Based on a common, minimum background investigation and identity proofing process
- Facilitate emergency response access



Background



Regulatory and Executive Requirements

- Homeland Security Presidential Directive – 12 Signed Aug. 27, 2004
- Requirements Promulgated through Federal Information Processing Standard 201 (FIPS 201) and nine associated Special Publications (SPs)
 - FIPS 201 Issued February 25, 2005
 - FIPS 201 promulgated to federal agencies by the authority of the Federal Information Security Management Act of 2002 (FISMA)
- Federal Acquisition Regulations updated



Key Requirements



- All individuals sponsored by trusted, authoritative source
- Individuals must present two identity source documents
- Minimum Background Investigative requirements
 - National Agency Check w/ Interrogatories
 - Criteria
 - Not on terrorist watch list
 - No outstanding warrants
 - Deliberately omitted, concealed, or falsified relevant facts and material necessary for the determination of eligibility for a national security clearance or HSPD-12 credential
 - Presented false or forged source identity documents
 - Not barred from federal employment



Key Requirements



- Two unique individuals required in process for card issuance
- Specific roles and steps identified for the identity proofing process
 - Enrollee
 - Individual being sponsored for HSPD-12 credential
 - Sponsorship
 - Authoritative source on employment or contractual relationship
 - Human Resources
 - Contracting Officer Representative or designee
 - Initial data entry
 - Enrollment
 - Fingerprint capture
 - Captures/checks two forms of ID
 - Takes photo
 - Submits data for review and processing



Key Requirements



- Specific roles and steps identified for the identity proofing process (Continued)
 - Registrar / Adjudicator
 - Federal Function
 - Approves IDs
 - Validates BI successfully adjudicated
 - Cannot enroll / adjudicate the same individual
 - Card Production – (Off-site / On site)
 - Activation
 - Can be assisted or unassisted
 - Fingerprint validation / binding
 - Final data stored on card / digital certificates activated

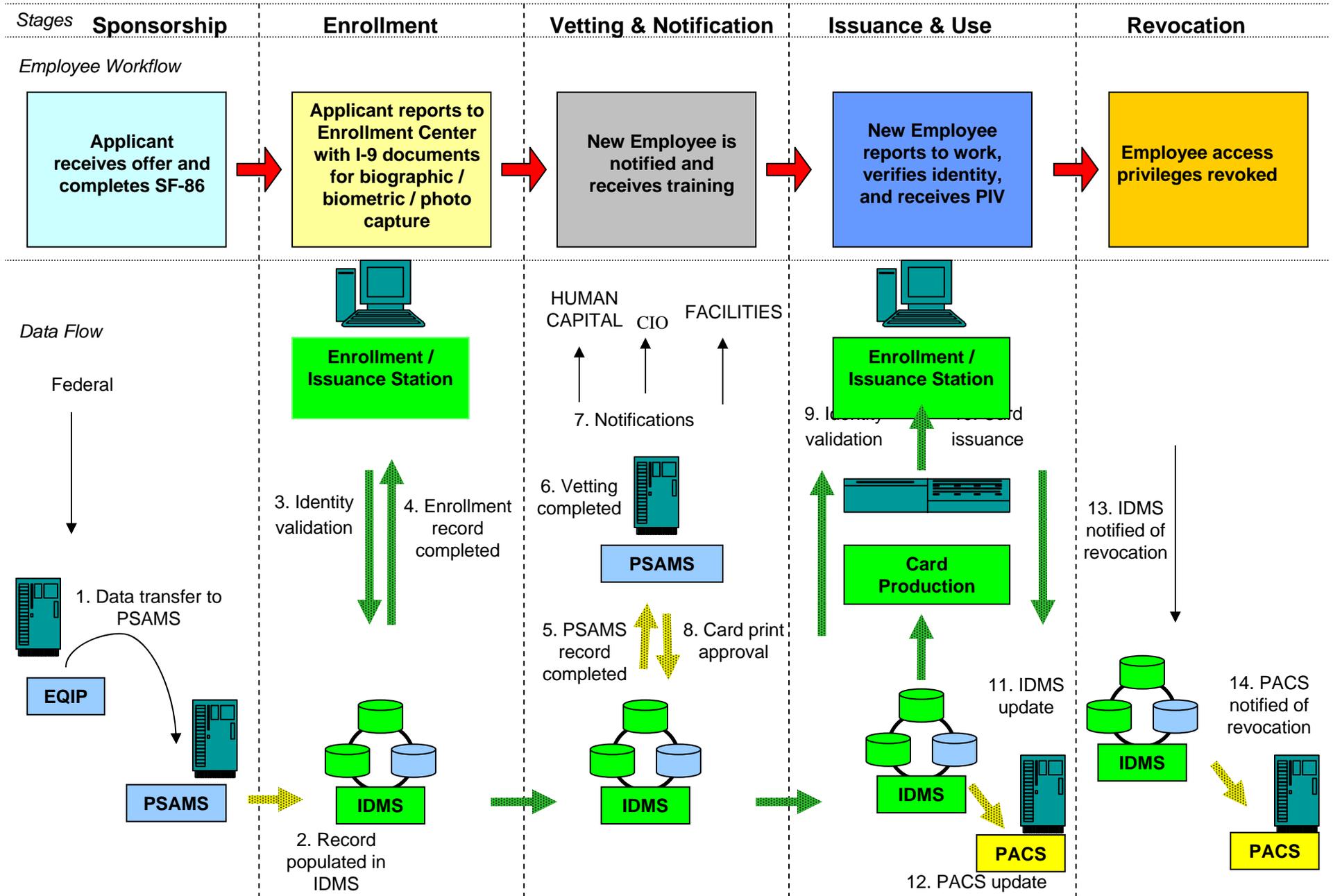


Key Requirements

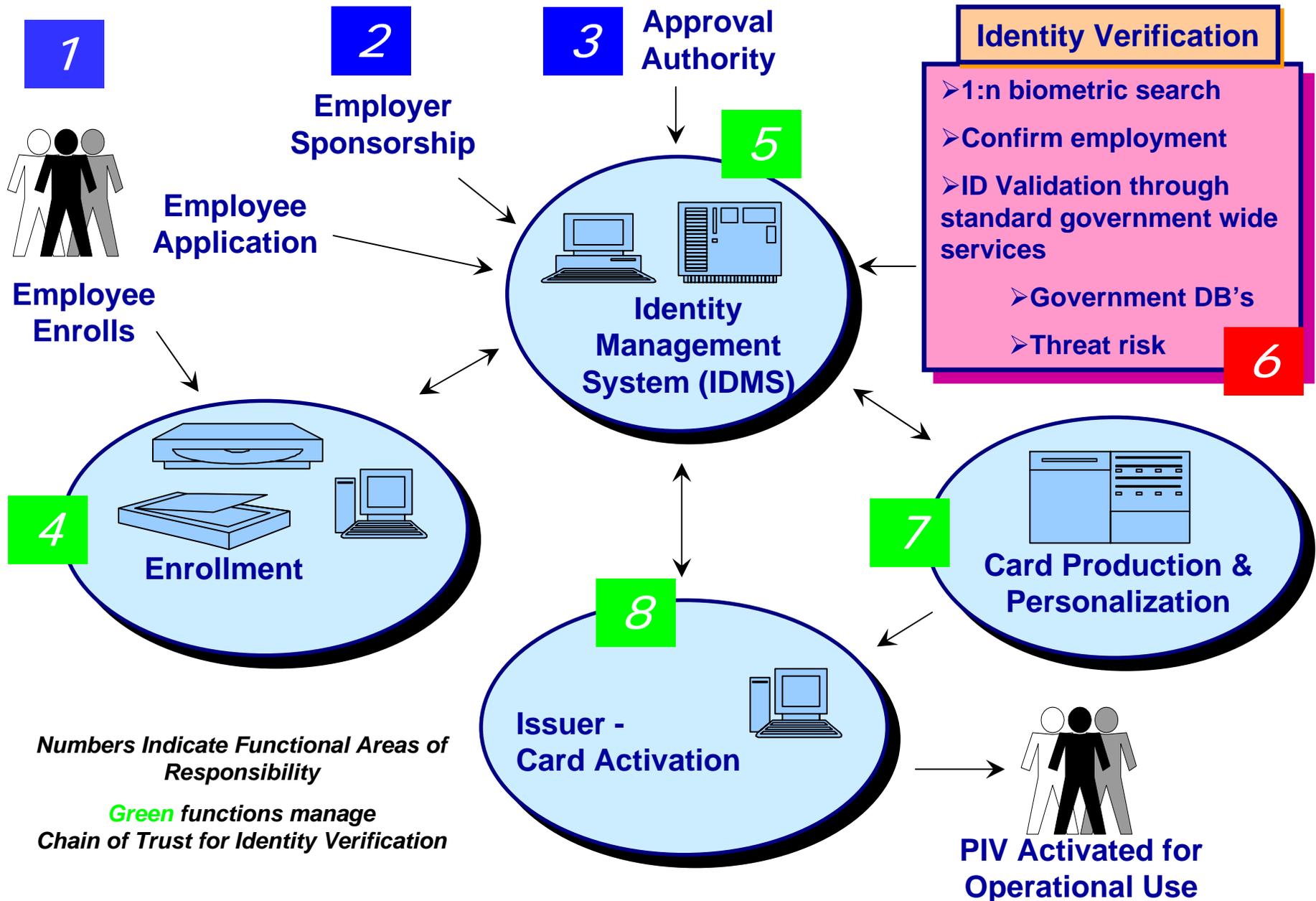


- Specific roles and steps identified for the identity proofing process (Continued)
 - Security Officer
 - Suspends or terminates card
 - Reactivates card
 - Authorizes card production for name mismatches
 - Agency reports
 - Role Administrator
 - Federal function
 - Assigns other roles based on training and function

Target Process – New Hire



PIV Identity Verification and Issuance





Benefits



- Card issuance tied to an individual and that persons BI through fingerprint binding
- Dual technology card (contact / contactless)
- Common physical and logical access controls for agencies
- Facilitate elimination of passwords for logical access control
- Facilitate cross-agency acceptance of the credential for initial access to facilities (property protection and public areas)
- No single person can initiate the production of a card



Benefits



- Allows for a database of lost and suspended credentials across the executive branch
- Facilitates future emergency response official access
- Enrollment of individuals / Activation of cards can be accomplished in multiple geographic areas – not tied to a specific site (Shared services concept)
- Will allow for digital signatures in workflow and for unclassified encryption products to be better integrated between agencies
- Will allow for electronic card validation and revocation across DOE complex



DOE Implementation



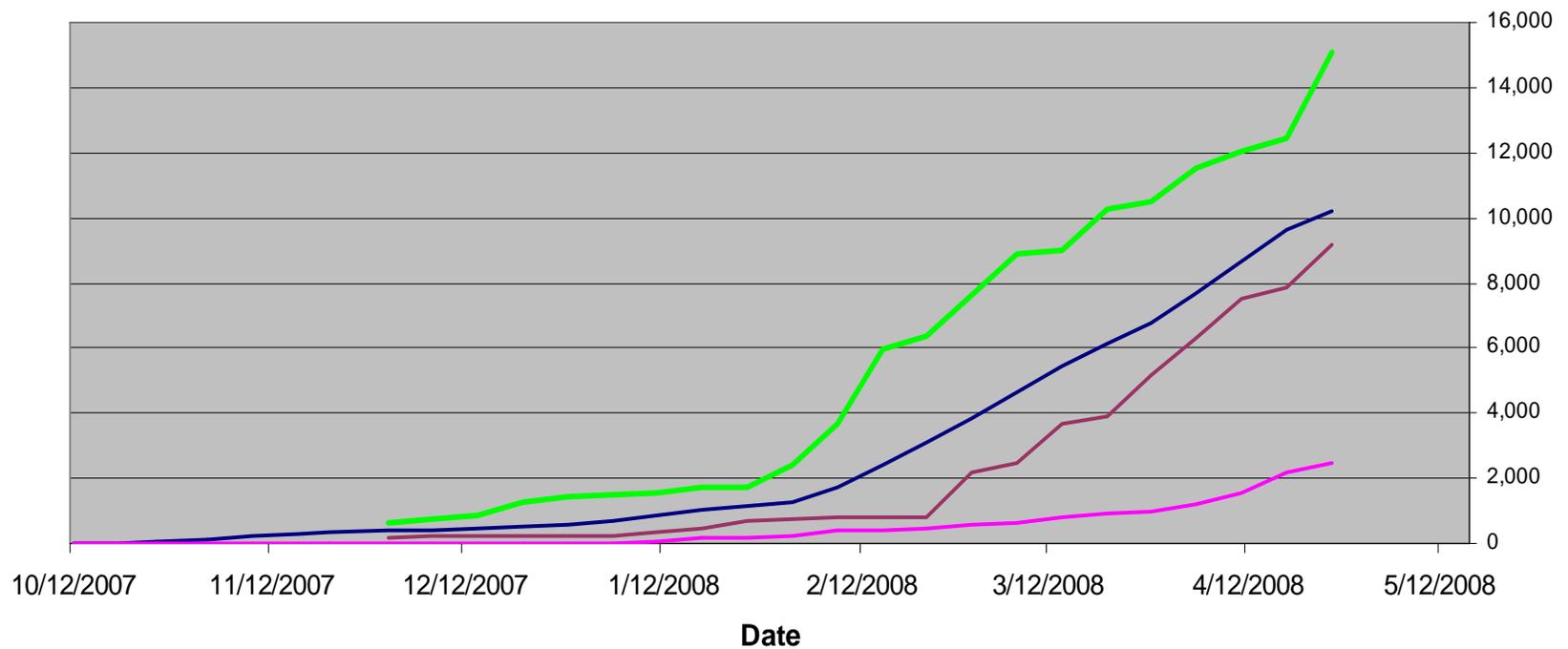
- HSPD-12 Background Investigation process has been integrated with National Security investigation functions and processes
- DOE has partnered with ~50+ federal agencies for the enrollment / card production / card activation services
 - Managed by the General Services Administration
 - USAccess Program
- Initial issuance of HSPD-12 card within DOE will be completed by December 2008
- Full integration into DOE systems and interagency systems 3-5 years out



DOE Implementation



DOE HSPD-12 Performance (Target Population 111,500)



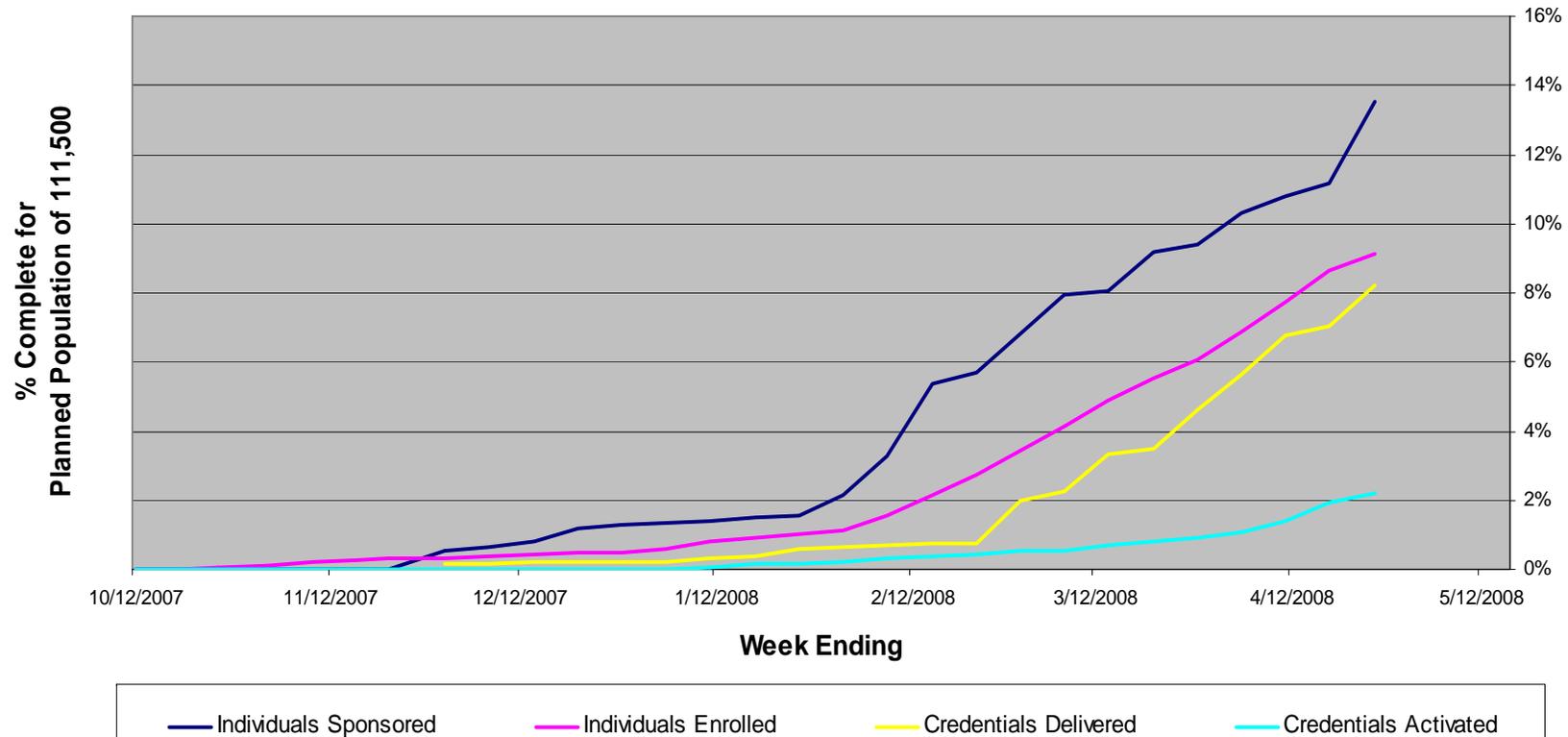
— Individuals Enrolled — Credentials Activated — Individuals Sponsored — Credentials Delivered



DOE Implementation



DOE HSPD-12 Implementation Progress





DOE Implementation



DOE Planned Population of 111,500
As of April 25, 2008

Date	Individuals Sponsored	Individuals Enrolled	Credentials Delivered	Credentials Activated
12-Oct-07		1		0
19-Oct-07		8		0
25-Oct-07		56		0
2-Nov-07		139		0
9-Nov-07		244		0
16-Nov-07		301		0
21-Nov-07		356		0
30-Nov-07	609	382	178	10
7-Dec-07	737	430	207	16
14-Dec-07	886	454	221	20
21-Dec-07	1288	528	226	25
28-Dec-07	1438	563	226	25
4-Jan-08	1472	673	235	26
11-Jan-08	1540	880	343	36
18-Jan-08	1705	1046	431	150
25-Jan-08	1709	1119	672	175
1-Feb-08	2406	1239	718	239
8-Feb-08	3659	1712	798	378
15-Feb-08	5988	2407	810	428
22-Feb-08	6339	3078	828	461
29-Feb-08	7631	3835	2194	580
7-Mar-08	8865	4637	2494	627
14-Mar-08	9009	5472	3691	804
21-Mar-08	10240	6150	3903	903
28-Mar-08	10499	6785	5149	992
4-Apr-08	11507	7689	6292	1226
11-Apr-08	12050	8644	7540	1528
18-Apr-08	12450	9619	7864	2151
25-Apr-08	15070	10185	9154	2475



DOE Implementation



Date	% Complete (DOE / 111,500 Planned Population)			
	Individuals Sponsored	Individuals Enrolled	Credentials Delivered	Credentials Activated
12-Oct-07		0.00%		0.00%
19-Oct-07		0.01%		0.00%
25-Oct-07		0.05%		0.00%
2-Nov-07		0.12%		0.00%
9-Nov-07		0.22%		0.00%
16-Nov-07		0.27%		0.00%
21-Nov-07		0.32%		0.00%
30-Nov-07	0.55%	0.34%	0.16%	0.01%
7-Dec-07	0.66%	0.39%	0.19%	0.01%
14-Dec-07	0.79%	0.41%	0.20%	0.02%
21-Dec-07	1.16%	0.47%	0.20%	0.02%
28-Dec-07	1.29%	0.50%	0.20%	0.02%
4-Jan-08	1.32%	0.60%	0.21%	0.02%
11-Jan-08	1.38%	0.79%	0.31%	0.03%
18-Jan-08	1.53%	0.94%	0.39%	0.13%
25-Jan-08	1.53%	1.00%	0.60%	0.16%
1-Feb-08	2.16%	1.11%	0.64%	0.21%
8-Feb-08	3.28%	1.54%	0.72%	0.34%
15-Feb-08	5.37%	2.16%	0.73%	0.38%
22-Feb-08	5.69%	2.76%	0.74%	0.41%
29-Feb-08	6.84%	3.44%	1.97%	0.52%
7-Mar-08	7.95%	4.16%	2.24%	0.56%
14-Mar-08	8.08%	4.91%	3.31%	0.72%
21-Mar-08	9.18%	5.52%	3.50%	0.81%
28-Mar-08	9.42%	6.09%	4.62%	0.89%
4-Apr-08	10.32%	6.90%	5.64%	1.10%
11-Apr-08	10.81%	7.75%	6.76%	1.37%
18-Apr-08	11.17%	8.63%	7.05%	1.93%
25-Apr-08	13.52%	9.13%	8.21%	2.22%



Questions



Questions ??