



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

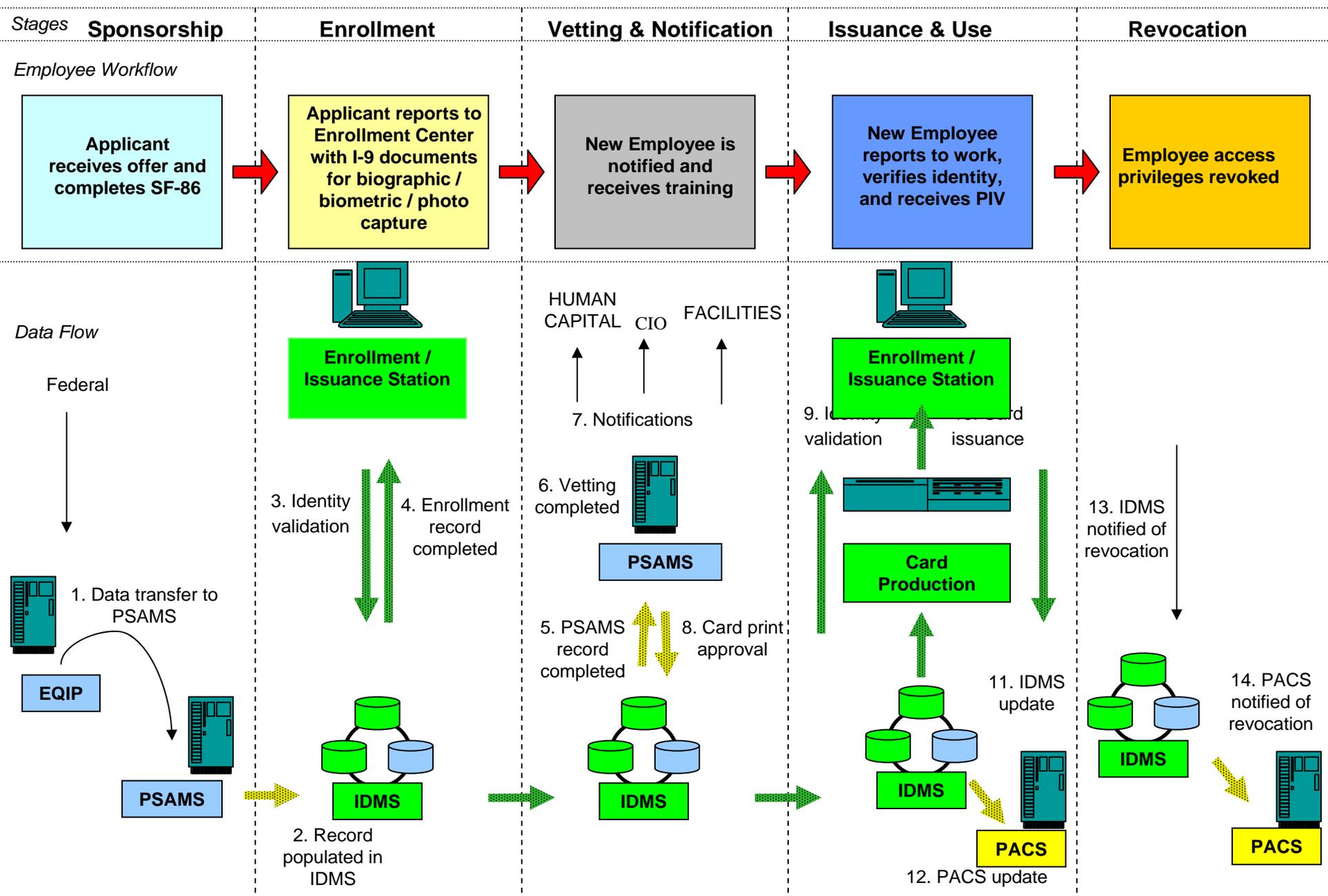


Key Requirements

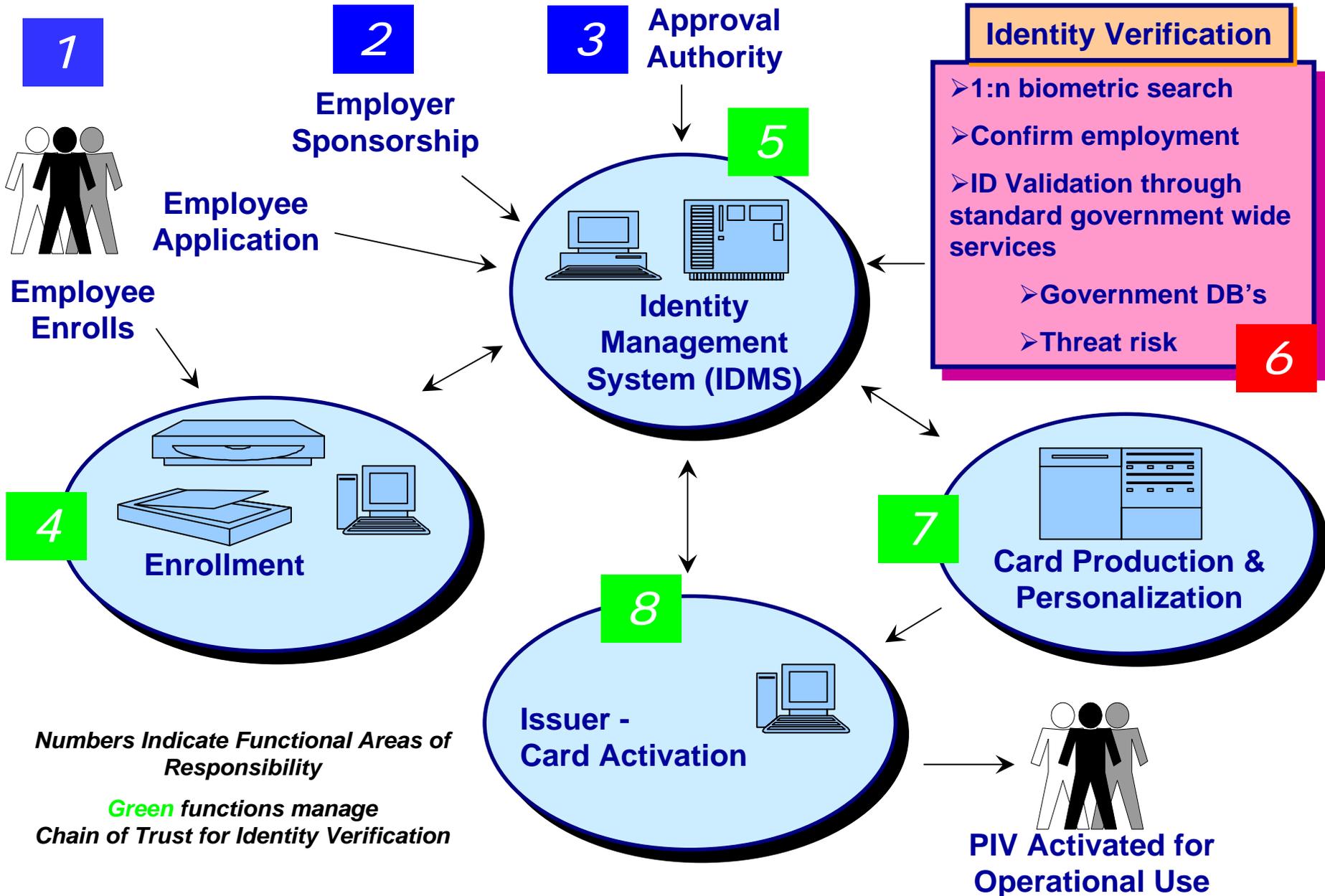


- Specific roles and steps identified for the identity proofing process (Continued)
 - Security Officer
 - Suspends or terminates card
 - Reactivates card
 - Authorizes card production for name mismatches
 - Agency reports
 - Role Administrator
 - Federal function
 - Assigns other roles based on training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



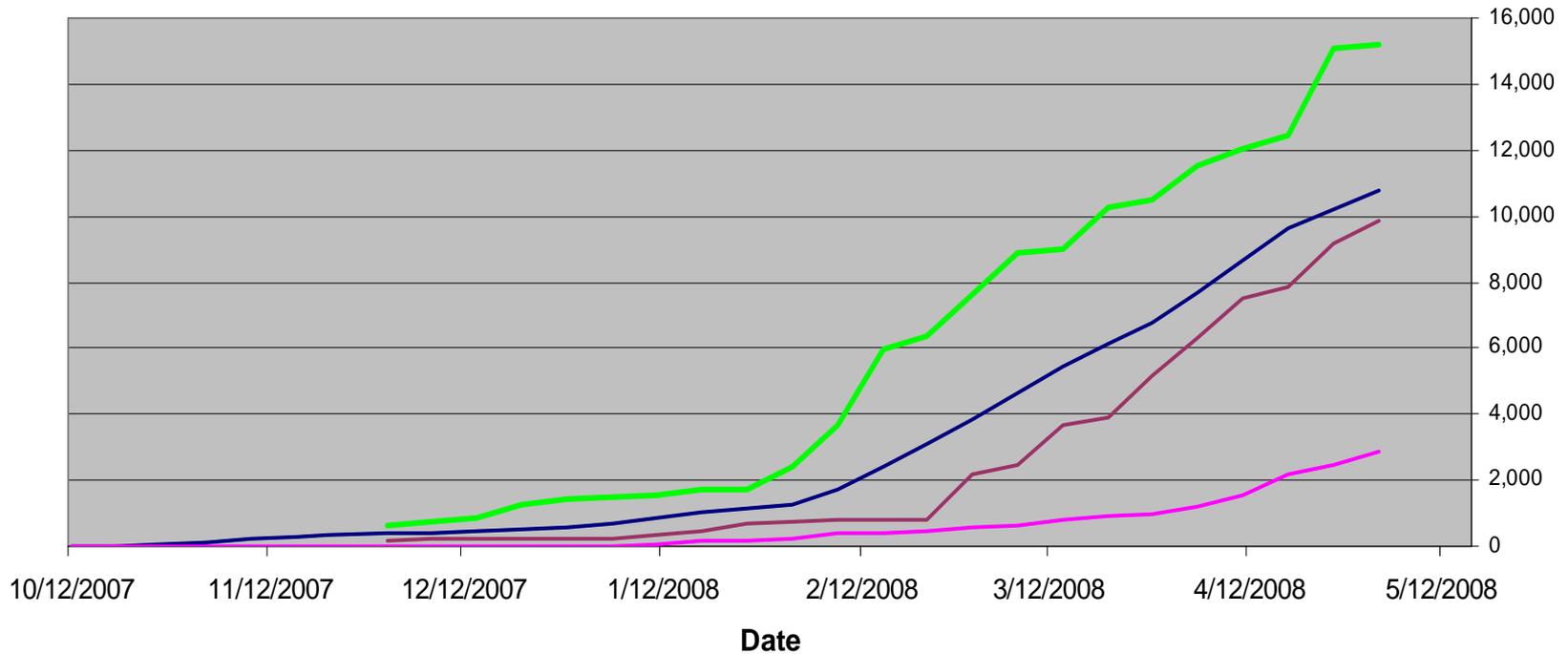
- DOE Physical Security Manual being updated to reflect HSPD-12
 - Not all agencies put clearances on card
 - Not all agencies getting a magnetic stripe
 - FACSIN not visible on the card; longer than current badge number
 - Piggybacking may be an issue
- Program Offices / Sites need to:
 - Budget for Card issuance and maintenance beginning in FY09
 - Upgrade physical access control systems to be HSPD-12 compliant by FY-2011
 - Budget for physical and logical access control system upgrades



DOE Implementation



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



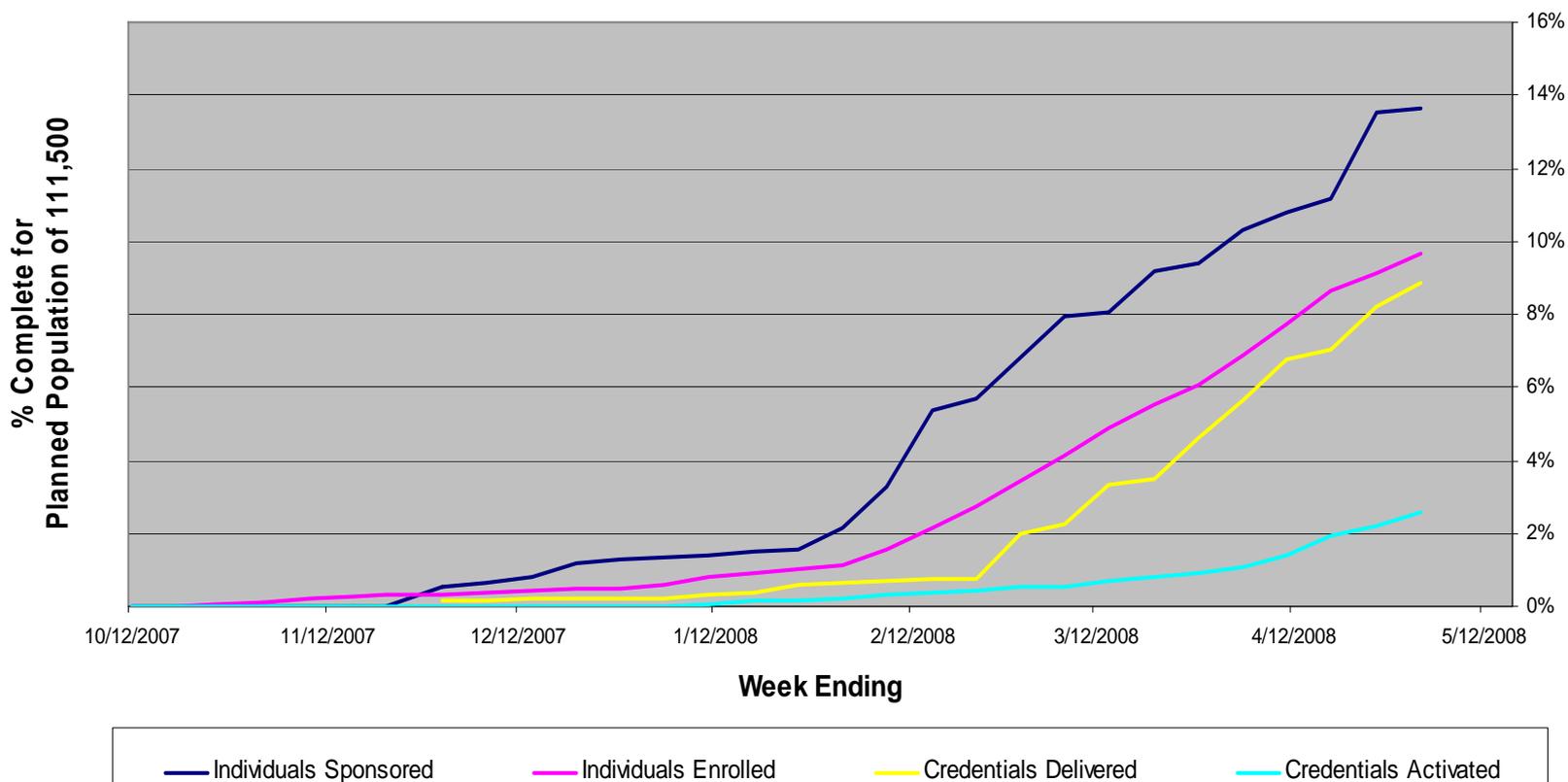
— Individuals Enrolled — Credentials Activated — Individuals Sponsored — Credentials Delivered



DOE Implementation



DOE HSPD-12 Implementation Progress

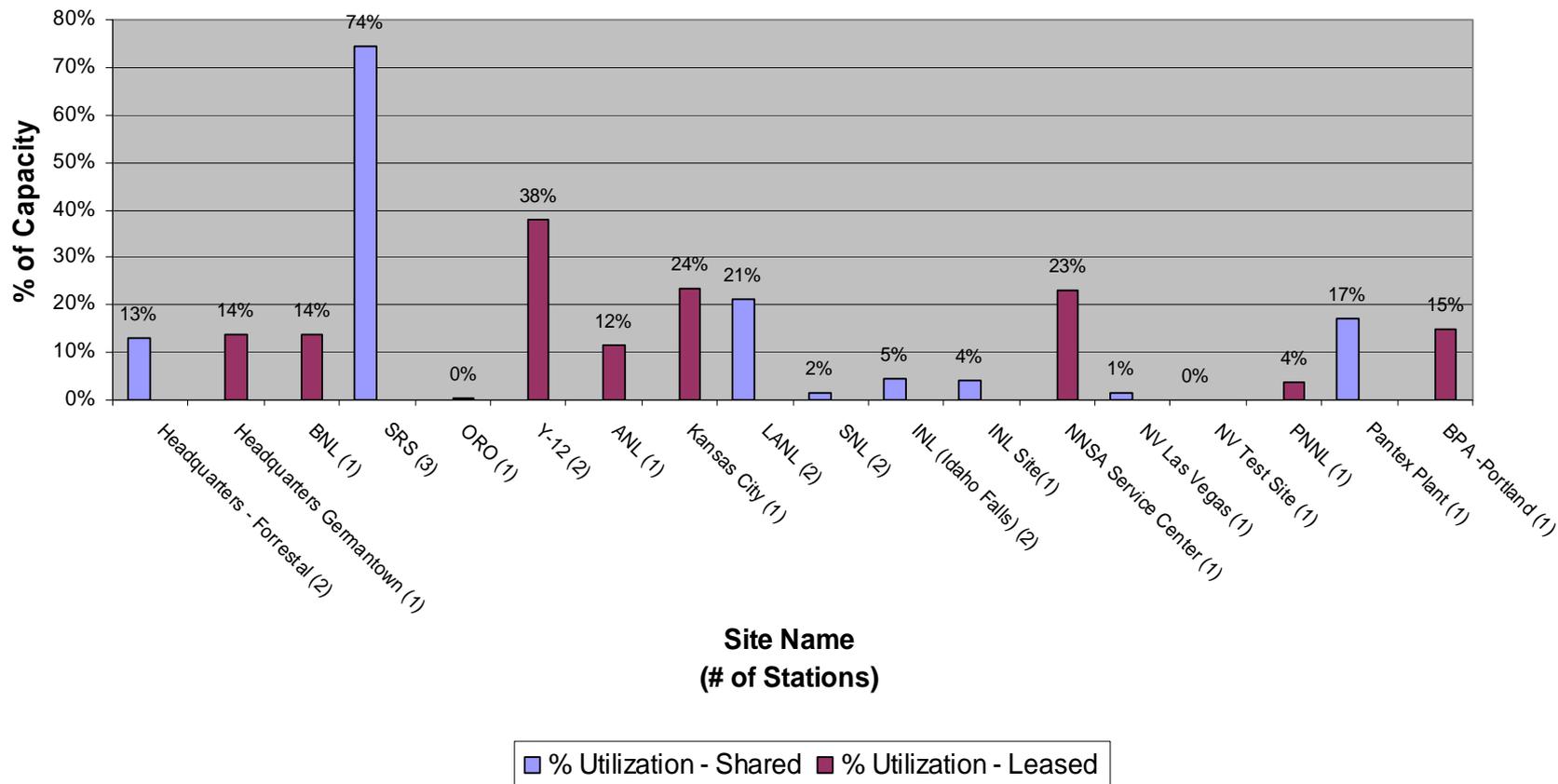




DOE Implementation



DOE Enrollment Station Utilization
Average Use As of April 25, 2008





Questions



Questions ??