

USA Staffing Reporting & Analytics

Reporting and Analytics Workgroup Meeting

April 1, 2020

Created by the OPM Federal Staffing Center

OFFICIAL USE NOTICE: This material is intended exclusively for use by USA Staffing Customers and is not to be distributed without approval from the USA Staffing Program Office. This communication may contain information that is proprietary, privileged, confidential or otherwise legally exempt from disclosure. If you have received this presentation in error, please notify the USA Staffing Program Office immediately and delete all copies of the material.





Agenda

• Program Updates

- Cognos Performance Metrics
- Foresee Survey
- Business Intelligence (BI) Tool Evaluation Update
- Time to Hire Reporting Guidelines Update
- Modifications to Reports and Data Models
 - Reports
 - Data Models



Launch of the Hiring Data Warehouse

- o Data Model
- o Reports



Open Demo and Q&A

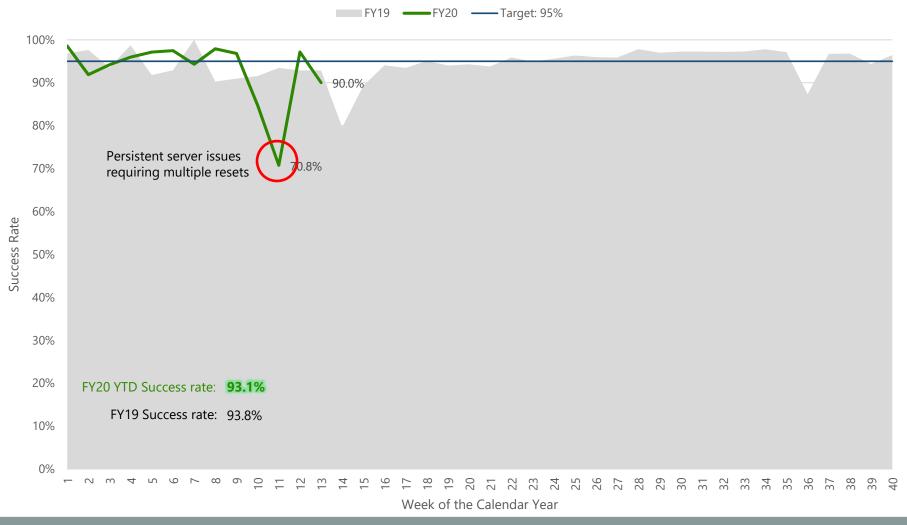


Cognos Performance Metrics



Report Run Success Rate

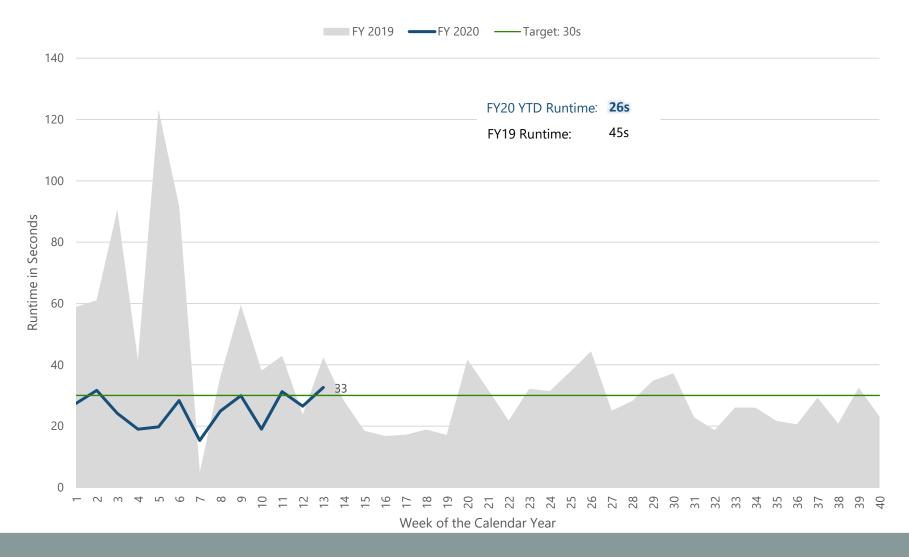
Goal: Cognos Report Success Rate > = 95%





Report Runtime

Goal: Cognos Report Runtime <1 min





Foresee Survey



A new **survey** is available in Cognos to **collect feedback** on your experience and **measure the effectiveness** of the interface.

What is your overall level of satisfaction with Cognos reporting today?



What types of reports did you use today? (Select all that apply)



The data gathered from the **6 survey items** will be used to **influence future enhancements** as well as the **evaluation of alternative BI tools**.



BI Tool Evaluation Timeline

Oct-Nov

Market research

Initial demos by top BI tools with follow-up technical discussions to inform the development of formal requirements. Tools: PowerBI, Tableau, Qlik, MicroStrategy, Looker, SiSense, ThoughtSpot

Dec-Jan

Formalize Requirements

Finalize requirements for a formal request for proposals from the market

Jan-Mar

RFP

Request for Proposals Receive responses to the

Mar-May

Technical Evaluation

Install high-performing tools in our data infrastructure and conduct rigorous performance and functional testing

Early FY2021

Begin Transition

Work with agencies to begin moving reporting and DSS from Cognos to the new tool (Cognos running concurrently)

Late FY2021

Complete Transition

Complete the transition to a new tool and decommission Cognos



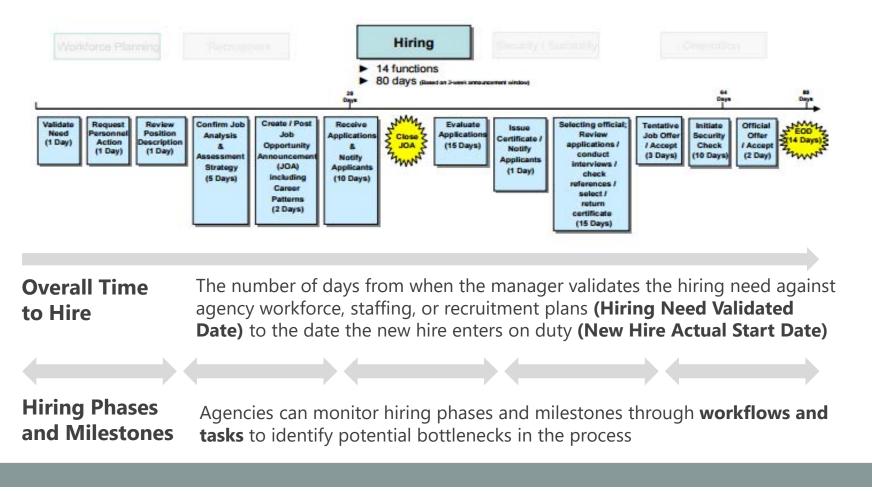
Time to Hire Reporting Guidelines Update



Hiring Process Roadmap

Previous Reporting Requirements

The USA Staffing Time to Hire reporting capability is based on the functions identified in the Hiring Process Roadmap (80-day model)

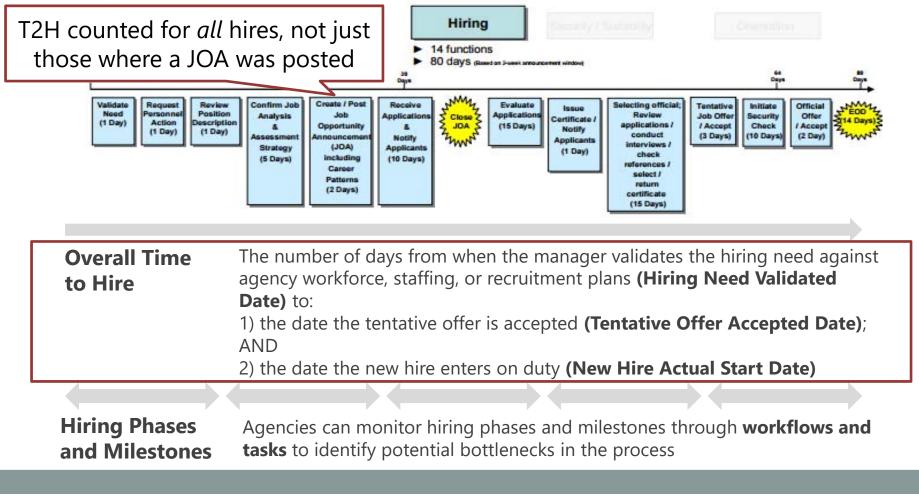




Hiring Process Roadmap

Updated Reporting Requirements

The USA Staffing Time to Hire reporting capability is based on the functions identified in the Hiring Process Roadmap (80-day model)



USA Staffing Time to Hire Reporting Capabilities

Time to Hire Presentation View 🔻 🐮 Time to Hire Announcement Information Metrics Time to Hire Days Announcement Close to Certificate Issued Announcement Close to Hire Announcement Open to Close Background Investigation and Security Clearance Certificate Audited to Tentative Offer Sent Certificate Issued to Certificate Returned Certificate Returned to Certificate Audited Certificate Returned to Tentative Offer Sent Hiring Need Validated to Request Approval Hiring Need Validated to Tentative Offer Accepted JOA Review Returned to Announcement Open JOA Review Sent to JOA Review Returned Official Offer Sent to Entry on Duty Overall Days to Hire (Hiring Need Validated Date) Overall Days to Hire (Request Approval Date) Request Approval to Announcement Open Request Approval to JOA Review Sent Tentative Offer Sent to Official Offer Sent

OPM.GOV

The USA Staffing **Time to Hire data warehouse** contains standardized, pre-calculated metrics that are updated on a nightly basis.

The data model includes metrics for:

- 1) Hiring Need Validated Date to Tentative Offer Accepted; and
- 2) Overall Days to Hire (Hiring Need Validated Date)*

The data model includes data for **New Vacancy** and **Additional Selection** request types.

*Overall Days to Hire (Hiring Need Validated Date) is the number of days between the Hiring Need Validated Date and New Hire Actual Start Date



USA Staffing Time to Hire Reporting Capabilities

Data for the **Onboard New Hire request type** will be added to the data model in the future to enable reporting on all hires using the **Time to Hire** data warehouse.

New Vac_Add'l Selection Onboard New Hire Data Definitions Time to Hire Detail Report - Onboard New Hire Request Types																			
Staffing Organization Name	Staffing Office Name	Request Number	Request Type	Hiring Validation Date	Request Personnel Action Date	Request Approval Date	New Hire Name	New Hire Number	New Hire Creation Date	New Hire Veterans Preference Status	New Hire Staffing Customer	Pay	New Hire Series	New Hire Grade	New Hire Position Title	Send Tentative Offer Date	Tentative Offer Accepted Date	Initiate Background Investigation Complete Date	Receive Backgro Investigation/Sec Clearance Compl Date
Infinity Regression	Perry Staffing Office	20160921- 2061020160921- 2061020160921- 2061020160921- 20610	Onboard New Hire	11/05/2018	11/06/2018	11/07/2018	Test, MIMR	HKEF1- DOEG	11/07/2018	NV - No Preference	Jamaican Food	GS	0308	8	Test Job	11/07/2018	11/07/2018		
Infinity Regression	Perry Staffing Office	20181105-65009	Onboard New Hire	11/03/2018	11/04/2018	11/05/2018	Last, First	HS6E9- KZP8	11/05/2018	NV - No Preference	Jamaican Food	GS	0301	9	five five five	11/07/2018	11/07/2018		
OPM Program	Program Office	12345-01	Onboard New Hire	06/10/2019	06/11/2019	06/12/2019	Example, Bob	HU6LV- JKWU	06/12/2019		DoD-DFAS	GS	0201	7	Human Resources Specialist	06/19/2019	06/19/2019		
OPM Program	Program Office	20181004-68911	Onboard New Hire	10/02/2018	10/03/2018	10/04/2018	Slink, Jessica	HMEYB- 7DOC	10/04/2018	NV - No Preference	USA Staffing Program Office-PMO	GS	0201	12	Human Resources Specialist	10/04/2018	10/04/2018		

Data from the **New Hire (End of Day)** data package can be used to calculate Overall Time to Hire (using both approaches) for the **Onboard New Hire** request type.



Modifications to Reports and Data Models

Sprint 33 deployed to Production on February 19th Sprint 34 deployed to Production on March 4th Sprint 35 deployed to Production on March 18th Sprint 36 will be deployed to Production April 3rd





New/Modified Reports

Certificate Selections by Assessment Report – deployed February 19th

The report was created. The report displays counts of applications at various stages in the hiring process and counts of ratings on certificates.

Team Content > USA Staffing Packages and Folders > Staffing Reports > Staffing > Certificate

MCO Staffing Resource Chart – deployed March 4th

The report was created. The Mission Critical Occupation (MCO) Staffing Resource Chart report displays Time to Hire in the format required by OPM for annual reporting and includes: 1) total number of hires; 2) average number of calendar days per hire based on hiring need validation date to acceptance of the tentative offer; and 3) average number of calendar days per hire based on hiring validation date and actual entry on duty. This data is displayed for all hires, as well as broken down by organization, Government-wide MCOs, and occupational series. The report allows users to filter the report based on organization, new hire actual start date fiscal year, occupational series, and request type.

Team Content > USA Staffing Packages and Folders > Time to Hire





New/Modified Reports

Time to Hire Detail Report – deployed March 18th

The report was updated to include data on the Onboard New Hire request type. The report displays detail level data on the milestones of the hiring process and overall time to hire. The report now has a tab/page for New Vacancy and Additional Selection request types and a separate tab/page for the Onboard New Hire request type.

Team Content > USA Staffing Packages and Folders > Time to Hire



Staffing Administration

Data Model Changes

Position Information – deployed February 19th

A new query subject and associated query items was created to enable reporting on position information related to position descriptions.

- [Position Description Library].[Position Information].[Classification Standard]
- [Position Description Library].[Position Information].[Full Performance Level]
- [Position Description Library].[Position Information].[Position Is Interdisciplinary]
- [Position Description Library].[Position Information].[Position Organizational Title]
- [Position Description Library].[Position Information].[Position Supervisory Status]



Staffing Administration

Data Model Changes

Position Settings – deployed March 18th

A new query subject and associated query items was created to enable reporting on settings related to a position description.

- [Position Description Library].[Position Settings].[Acquisition Level]
- [Position Description Library].[Position Settings].[Bargaining Unit Code]
- [Position Description Library].[Position Settings].[Bargaining Unit Status]
- [Position Description Library].[Position Settings].[Competitive Level Code]
- [Position Description Library].[Position Settings].[Cyber Security Codes]
- [Position Description Library].[Position Settings].[Fair Labor Standards Act]
- [Position Description Library].[Position Settings].[Position Is Acquisition Position]
- [Position Description Library].[Position Settings].[Position Is Financial Statement Required]
- [Position Description Library].[Position Settings].[Position Is Firearm Required]
- [Position Description Library].[Position Settings].[Position Is Physical Ability/Medical Requirement]
- [Position Description Library].[Position Settings].[Position Is Testing Designated Position]
- [Position Description Library].[Position Settings].[Position Sensitivity and Risk]
- [Position Description Library].[Position Settings].[Position Service]
- [Position Description Library].[Position Settings].[Position Status]
- [Position Description Library].[Position Settings].[Position Status Explanation]
- [Position Description Library].[Position Settings].[Remarks]



Data Model Changes

Announcement Hiring Paths – deployed February 19th

A new query subject and associated query items was created to enable reporting on the hiring paths associated with the announcement.

- [Time to Hire].[Announcement Hiring Paths].[Hiring Path]
- [Time to Hire].[Announcement Hiring Paths].[Hiring Path Description]

Announcement Locations – deployed February 19th

A new query subject and associated query items was created to enable reporting on the location(s) associated with the announcement.

- [Time to Hire].[Announcement Locations].[Announcement Location City]
- [Time to Hire].[Announcement Locations].[Announcement Location Code]
- [Time to Hire].[Announcement Locations].[Announcement Location Country]
- [Time to Hire].[Announcement Locations].[Announcement Location County]
- [Time to Hire].[Announcement Locations].[Announcement Location Description]
- [Time to Hire].[Announcement Locations].[Announcement Location State]
- [Time to Hire].[Announcement Locations].[Announcement Location State Abbreviation]



Data Model Changes

Time to Hire Metrics Dates – will be deployed April 3rd

New data items were added to the Time to Hire Metrics Dates query subject to enable reporting on dates related to new hires and requests.

- [Time to Hire].[Time to Hire Metrics Dates].[New Hire Creation Date]
- [Time to Hire].[Time to Hire Metrics Dates].[New Hire Effective Date of Appointment]
- [Time to Hire].[Time to Hire Metrics Dates].[New Hire Projected Start Date]
- [Time to Hire].[Time to Hire Metrics Dates].[Request Personnel Action Date]

Time to Hire Milestone Dates – will be deployed April 3rd

New data items were added to the Time to Hire Milestone Dates query subject to enable reporting on dates related to requests.

- [Time to Hire].[Time to Hire Milestone Dates].[Request Personnel Action Calendar Month]
- [Time to Hire].[Time to Hire Milestone Dates].[Request Personnel Action Calendar Month Number]
- [Time to Hire].[Time to Hire Milestone Dates].[Request Personnel Action Calendar Week]
- [Time to Hire].[Time to Hire Milestone Dates].[Request Personnel Action Calendar Year]
- [Time to Hire].[Time to Hire Milestone Dates].[Request Personnel Action Date]
- [Time to Hire].[Time to Hire Milestone Dates].[Request Personnel Action Fiscal Month Number]
- [Time to Hire].[Time to Hire Milestone Dates].[Request Personnel Action Fiscal Quarter]
- [Time to Hire].[Time to Hire Milestone Dates].[Request Personnel Action Fiscal Year]



Data Model Changes

New Hire – will be deployed April 3rd

A new query subject and associated query items were added to enable reporting on details related to new hires.

- [Time to Hire].[New Hire].[New Hire Application Number]
- [Time to Hire].[New Hire].[New Hire Certificate Number]
- [Time to Hire].[New Hire].[New Hire Customer Name]
- [Time to Hire].[New Hire].[New Hire Grade]
- [Time to Hire].[New Hire].[New Hire Name]
- [Time to Hire].[New Hire].[New Hire Number]
- [Time to Hire].[New Hire].[New Hire Pay Plan]
- [Time to Hire].[New Hire].[New Hire Series]
- [Time to Hire].[New Hire].[New Hire Status]
- [Time to Hire].[New Hire].[New Hire Veterans Preference Status]



Data Model Changes

Request – will be deployed April 3rd

New query items were added to the Request query subject to enable reporting on request approver and request status.

- [Time to Hire].[Request].[Request Approver Name]
- [Time to Hire].[Request].[Request Status]

Request Workflow – deployed February 19th

A new query subject and associated query items was created to enable reporting on the workflow(s) used in the request to create the vacancy/vacancies.

- [Time to Hire].[Workflow].[Time to Hire Goal]
- [Time to Hire].[Workflow].[Workflow ID]
- [Time to Hire].[Workflow].[Workflow Name]



Launch of the Hiring Data Warehouse



Hiring Data Warehouse

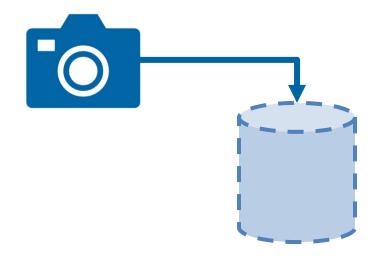
The new data warehouse for USA Staffing data. At maturity, it will contain the same data available through Staffing Reports, however the data will be structured differently and tables loaded at regular intervals.

Data Structure

- Single namespace for all data
- Query subjects organized into folders and sub-folders by topic area (e.g., Announcements, Applicants, Certificates, Vacancies)
- Data optimized for improved performance

Table Loading

Rolling Snapshot process to load tables





Hiring Data Warehouse

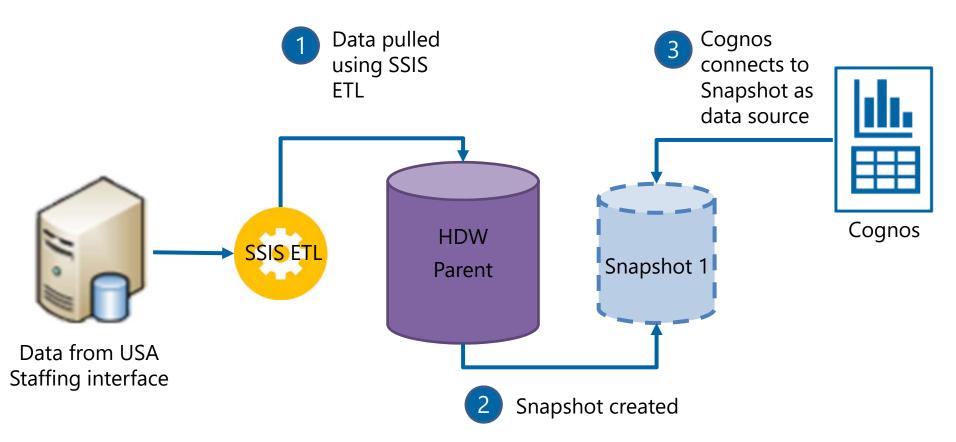
Data Structure

 Hiring Data Warehouse Presentation View Announcements Announcement Information Announcement Announcement Locations Appointment Types Work Schedules Announcement Questionnaire Information Applicants Applicant Information Applications Application Information Certificates Certificate Information Certificate Certificate Applications 🔻 🗁 Requests Request Information Vacancies Evaluation Appointing Authorities Customers Organization and Office Vacancy Vacancy Eligibilities

Vacancy Position Descriptions

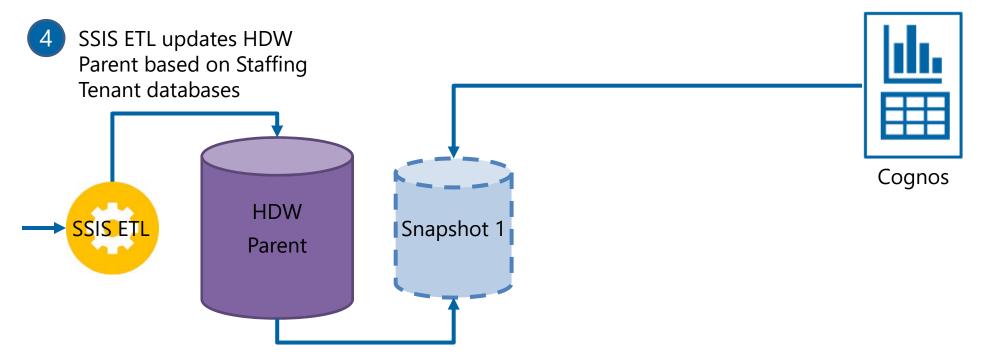
- A single namespace eliminates the need to use a join to combine data from multiple places into a single query
- The first iteration of development will provide data across all major topic areas
- Future iterations will provide more robust data in each topic area
 - Priorities for development are based on usage in reporting and customer input gathered from a JAD session



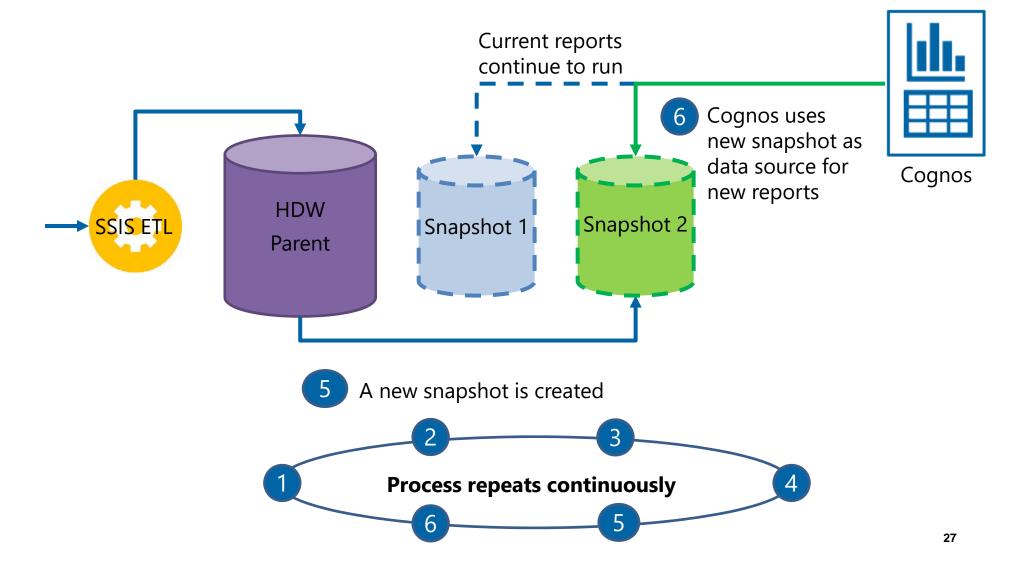






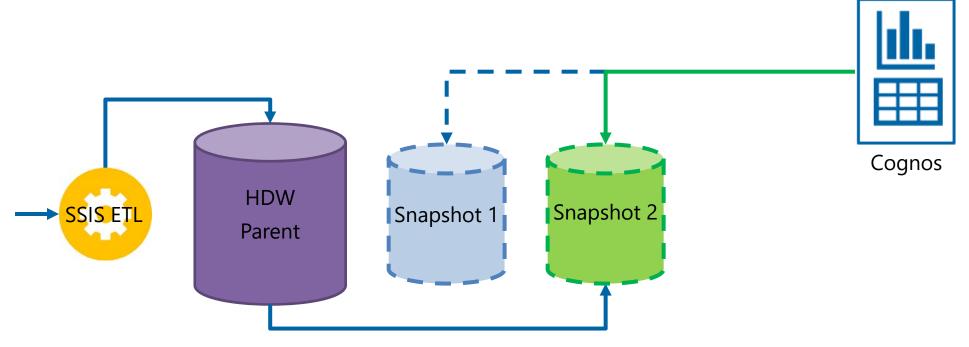












- A new snapshot is created when the SSIS ETL completes loading the HDW Parent
- A snapshot is a read only, static copy of the HDW Parent
- An individual Cognos report uses the newest snapshot that exists at the time the user clicks "Run"
- Once all reports using an older snapshot have completed, the snapshot is removed



Data Model Overview

Announcement Information

Data to enable reporting on the attributes of announcements.

- Announcement query subject
 - Announcement Close Date
 - Announcement Last Modified Date/Time
 - Announcement Number
 - Announcement Open Date
 - Announcement Released Date/Time
 - Announcement Released?
 - Announcement Status
 - Announcement Template
 - Application Limit
 - Application Limit Set?
 - External Contact Email
 - External Contact ID
 - External Contact Name

- Internal Contact Email
- Internal Contact ID
- Internal Contact Name
- Linked USAJOBS Control Number
- Maximum Salary
- Minimum Salary
- Not to Exceed
- Salary Type
- Total Openings
- USAJOBS Control Number
- Who May Apply
- Who May Apply Override Text



Data Model Overview

Announcement Information

Data to enable reporting on the attributes of announcements.

- Announcement Locations query subject
 - Announcement Location City
 - Announcement Location Country
 - Announcement Location County
 - Announcement Location Description
 - Announcement Location Duty Station Code
 - Announcement Location State
 - Announcement Location State Abbreviation
- Appointment Types query subject
 - Appointment Type
- Work Schedules query subject
 - Work Schedule



Data Model Overview

Announcement Questionnaire Information

Data to enable reporting on the attributes of announcement questionnaires.

- Announcement Items query subject
 - Announcement Item Header
 - Announcement Item ID
 - Announcement Item Required?
 - Announcement Item Response Type
 - Announcement Item Text
 - Announcement Item Used for Screen-Out?
 - Section Title
- Appointment Response Options query subject
 - Announcement Response Option
 - Announcement Response Text



Data Model Overview

Applicant Information

Data to enable reporting on the attributes of applicants.

- Applicant query subject
 - Applicant Address City
 - Applicant Address County
 - Applicant Address Line 1
 - Applicant Address Line 2
 - Applicant Address Line 3
 - Applicant Address State
 - Applicant Address State Abbreviation
 - Applicant Address Zip Code
 - Applicant Citizenship
 - Applicant Email Address
 - Applicant First Name
 - Applicant ID
 - Applicant Last Name
 - Applicant Middle Name
 - Applicant Name
 - Applicant Suffix
 - USAJOBS Profile ID



Data Model Overview

Applicant Information

Data to enable reporting on the attributes of applicants.

- Applicant Phone Numbers query subject
 - Applicant Phone Number
 - Applicant Phone Type



Hiring Data Warehouse

Data Model Overview

Applications Information

Data to enable reporting on the attributes of applications.

- Application query subject
 - Application Eligibility End Date
 - Application Eligibility Start Date
 - Application Expired?
 - Application External Assessment End Date
 - Application External Assessment Start Date
 - Application Last Modified Date/Time
 - Application Number
 - Application Status
 - Conflict Resolved?
 - Conflict?
 - Lowest Acceptable Grade
 - Marked for Follow-Up?
 - Record Status Code
 - Record Status Code Description

- USA Hire Completion Date/Time
- Veterans Document Submission Date
- Veterans Preference Adjudicated
- Veterans Preference Adjudicated Description
- Veterans Preference Claimed
- Veterans Preference Claimed
 Description



Data Model Overview

Applications Information

Data to enable reporting on the attributes of applications.

- Application Locations query subject
 - Application Location City
 - Application Location Country
 - Application Location County
 - Application Location Description
 - Application Location Duty Station Code
 - Application Location State
 - Application Location State Abbreviation



Hiring Data Warehouse

Data Model Overview

Certificate Information

Data to enable reporting on the attributes of certificates and referred applications.

- Certificate query subject
 - Certificate Amended?
 - Certificate Applicant List Name
 - Certificate Audited By
 - Certificate Audited?
 - Certificate Cancelled?
 - Certificate CTAP/ICTAP Well Qualified Score
 - Certificate Final Audit Complete Date
 - Certificate Initial Audit Complete Date
 - Certificate Issue Date/Time
 - Certificate Issuer
 - Certificate Last Modified Date/Time
 - Certificate Number
 - Certificate Order
 - Certificate Priority Order
 - Certificate Rank By

- Certificate Refer Method
- Certificate Refer Method Number
- Certificate Signed Date/Time
- Certificate Status
- Certificate Tie Breaker
- Certificate Type

USA Staffing



Hiring Data Warehouse

Data Model Overview

Certificate Information

Data to enable reporting on the attributes of certificates and referred applications.

- Certificate Applications query subject
 - Certificate Application Added Date/Time
 - Certificate Application Added?
 - Certificate Application Audit Code
 - Certificate Application Audit Date/Time
 - Certificate Application Certified Date/Time
 - Certificate Application Eligibility End Date
 - Certificate Application Eligibility Start
 Date
 - Certificate Application Expired?
 - Certificate Application First Name
 - Certificate Application Hired City
 - Certificate Application Hired Country
 - Certificate Application Hired County
 - Certificate Application Hired Location

Description

- Certificate Application Hired PD
 Number
- Certificate Application Hired Position Title
- Certificate Application Hired Series
- Certificate Application Hired Series Title
- Certificate Application Last Modified Date/Time
- Certificate Application Last Name
- Certificate Application Last Submitted Date/Time
- Certificate Application Marked as Favorite?
- Certificate Application Marked for Follow-Up?
- Certificate Application Middle Name



Data Model Overview

Certificate Information

Data to enable reporting on the attributes of certificates and referred applications.

- Certificate Applications query subject (continued)
 - Certificate Application Number
 - Certificate Application Priority Description
 - Certificate Application Rank Order
 - Certificate Application Rating
 - Certificate Application Record Status Code
 - Certificate Application Record Status Code Description
 - Certificate Application Reordered?
 - Certificate Application Return Status
 - Certificate Application Start Date/Time
 - Certificate Application Suffix
 - Certificate Application USA Hire Completed Date/Time
 - Certificate Application Veterans Preference Code
 - Certificate Application Veterans Preference Description

USA Staffing



Hiring Data Warehouse

Data Model Overview

Request Information

Data to enable reporting on the attributes of requests.

- Request query subject
 - Approval Date/Time
 - Approver Email
 - Approver Name
 - Approver Phone Number
 - Hiring Validation Date
 - Personnel Action Date
 - Request Bargaining Unit Position?
 - Request Cancellation Date
 - Request Cancellation Reason
 - Request Creation Date/Time
 - Request Customer Address City
 - Request Customer Address Country
 - Request Customer Address Line 1
 - Request Customer Address Line 2
 - Request Customer Address Line 3
 - Request Customer Address State
 - Request Customer Address State

Abbreviation

- Request Customer Address Zip Code
- Request Customer Agency Code
- Request Customer Agency Name
- Request Customer External Name
- Request Customer Name
- Request Customer Phone Number
- Request Drug Testing Required?
- Request Financial Disclosure Required?
- Request Hiring Organization Name
- Request Last Modified Date/Time
- Request Number
- Request Relocation Authorized?
- Request Security Clearance Required
- Request Source
- Request Staffing Organization Code
- Request Staffing Organization Name



Data Model Overview

Request Information

Data to enable reporting on the attributes of requests.

- Request query subject
 - Request Staffing Tenant Code
 - Request Staffing Tenant Name
 - Request Status
 - Request Submission Date/Time
 - Request Supervisory Position?
 - Request Telework Eligible?
 - Request Travel Required
 - Request Type
 - Requester Email
 - Requester Name
 - Requester Phone Number



Data Model Overview

Request Information

Data to enable reporting on the attributes of requests.

- Request Locations query subject
 - Request Location City
 - Request Location Country
 - Request Location County
 - Request Location Description
 - Request Location Duty Station Code
 - Request Location State
 - Request Location State Abbreviation



Data Model Overview

Vacancy Information

- Appointing Authorities query subject
 - Appointing Authority
 - Appointing Authority Tag Level
- Customers query subject
 - Vacancy Customer Address City
 - Vacancy Customer Address Country
 - Vacancy Customer Address Line 1
 - Vacancy Customer Address Line 2
 - Vacancy Customer Address Line 3
 - Vacancy Customer Address State
 - Vacancy Customer Address State Abbreviation
 - Vacancy Customer Address Zip Code
 - Vacancy Customer Agency Code
 - Vacancy Customer Agency Name
 - Vacancy Customer External Name
 - Vacancy Customer Fax Number
 - Vacancy Customer Name
 - Vacancy Customer Phone Number



Data Model Overview

Vacancy Information

- Organization and Office query subject
 - Hiring Organization Name
 - Staffing Office Address City
 - Staffing Office Address Country
 - Staffing Office Address Country Abbreviation
 - Staffing Office Address Line 1
 - Staffing Office Address Line 2
 - Staffing Office Address Line 3
 - Staffing Office Address State
 - Staffing Office Address State Abbreviation
 - Staffing Office Address Zip Code
 - Staffing Office Code
 - Staffing Office External Name
 - Staffing Office Fax Number
 - Staffing Office Name

- Staffing Office Phone Number
- Staffing Organization Code
- Staffing Organization Name

USA Staffing



Hiring Data Warehouse

Data Model Overview

Vacancy Information

- Vacancy query subject
 - ACWA Position?
 - Age Information Collected?
 - All Items Required?
 - Applicant Response Update Restricted?
 - Apply Online Enabled?
 - Citizenship Screening Applied?
 - Internal Merit Promotion?
 - Maximum Age
 - Maximum Age Set?
 - Minimum Age
 - Minimum Age Set?
 - Period of Eligibility
 - Public?
 - RNO Data Collected?
 - Status?
 - Under Litigation?
 - Vacancy Announcement Types

- Vacancy Bargaining Unit Position?
- Vacancy Creation Date
- Vacancy Drug Testing Required?
- Vacancy Expiration Date/Time
- Vacancy Financial Disclosure Required?
- Vacancy Interdisciplinary?
- Vacancy Job Title
- Vacancy Last Modified Date/Time
- Vacancy Number
- Vacancy Relocation Authorized?
- Vacancy Security Clearance Required
- Vacancy Status
- Vacancy Supervisory Position?
- Vacancy Telework Eligible?
- Vacancy Travel Required
- Vacancy Type



Data Model Overview

Vacancy Information

- Vacancy Eligibilities query subject
 - Vacancy Eligibility
 - Vacancy Eligibility Label
 - Vacancy Eligibility Type
- Vacancy Position Descriptions
 - Vacancy Grade
 - Vacancy Is Interdisciplinary?
 - Vacancy Pay Plan
 - Vacancy Pay Plan Description
 - Vacancy Position Description Number
 - Vacancy Position Description Title
 - Vacancy Series
 - Vacancy Series Title
 - Vacancy Specialty





Data Model – Coming Next

Announcement Information

• Application Announcement Questionnaire Items and Responses

Application Information

- Application Eligibilities
- Application Ratings

Assessment Information

- Assessment Items and Responses
- Application Assessment Items and Responses

Review Information

• Reviews, Review Assignments, and Reviewers

New Hire Information

- New Hires
- New Hire Forms and Form Transmissions
- New Hire Documents and Document Transmissions

USA Staffing



Hiring Data Warehouse

Data Model – Coming Next

Metrics

- Application Metrics
 - Total Applied
 - Total Qualified
 - Total Referred
 - Total Selected
 - Total Hired
 - Total Entered on Duty
- Vacancy Metrics (examples)
 - Total Applications
 - Total Eligible Applications
 - Total Eligible Veteran Applications
 - Total Referred Applications
 - Total Pending Applications
- Certificate Workload Metrics (examples)
 - Audited Certificates
 - Audited Certificates with Veterans
 - Audited Certificates without Veterans

- Certificate Metrics (examples)
 - Certificate Total Referred
 - Certificate Total Referred Veterans
 - Certificate Total Selected
 - Certificate Total Selected Veterans
 - Certificate Total Hired
 - Certificate Total Hired Veterans

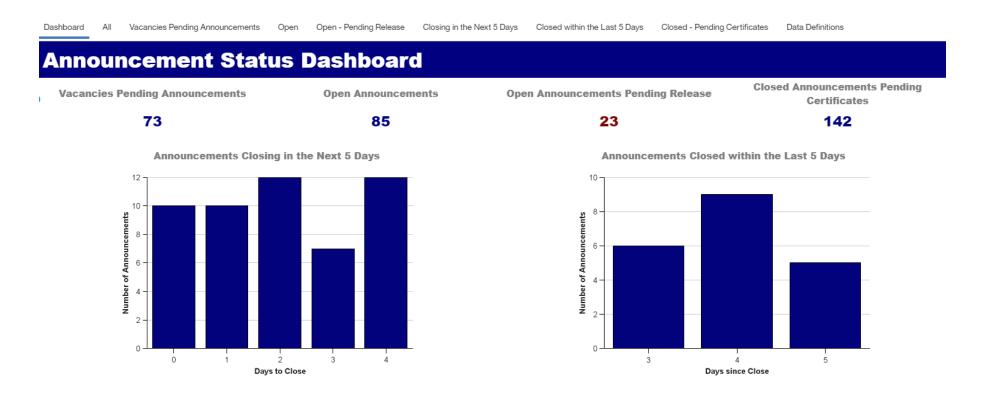




Reports

Announcement Status Dashboard

Dashboard and tabular data showing the status of announcements to support HR user workload management.







Reports

Announcement Status Report

Tabular data showing the status of announcements to support HR user workload management.

All Vacanci	ies Pending A	nnouncements	s Open O	pen - Pending Re	lease Closin	g in the Next	t 5 Days Clo	osed within the La	st 5 Days Clo	osed - Pending Ce	ertificates	Data Definitions		-
Anno	unce	emer	nt Staf	tus Re	port									
Organizatio	ons:											MG DOJ Tenant Manag SMG VA Tenant Manag		G GOV Tenant Management
Offices:			ASMG ACW Office, ASM Access Offic	/A Access Office, / G Reports Access	ASMG ACWA Acc Office, ASMG Re Access Office, O	ess Office, A eports Acces IPM USA Hir	ASMG ACWA Ac is Office, ASMG re Office, OPM U	cess Office, ASMG Reports Access Of ISA Hire Office, OF	ACWA Access O fice, ASMG Repo	ffice, ASMG Repo orts Access Office	orts Access ASMG Rep	Office, ASMG Reports A oorts Access Office, ASM	ccess Office IG Reports	SMG ACWA Access Office, a, ASMG Reports Access Access Office, ASMG Report Office, OPM USA Hire Office,
Customers	-		All paramete	er options										
Internal Co	ontacts:		All paramete	er options										
Announcen	nent Stati	IS:	Closed											
Staffing Organization Name	Staffing Office Name	Vacancy Customer Name	Announcement Number	Announcement Status	Announcement Released?	Vacancy Number	Vacancy Job Title	Vacancy Announcement Types	Announcement Open Date	Announcement Close Date	Internal Contact Name	Internal Contact Email	External Contact Name	External Contact Email
ASMG OPM Tenant Management	ASMG ACWA Access Office	Test Customer 1	SMG-ACWA- 0201-TEST	Closed	Yes	10182938	ACWA Testing	DE	04/06/2018	04/11/2018	Vega, Erika	erika.vega@opm.gov	Vega, Erika	erika.vega@opm.gov
ASMG VA Tenant Management	ASMG ACWA Access Office	ACWA Testing Customer	Test - DO NOT APPLY -165103	Closed	No	10165103	TEST POSITION (Do Not Apply)	IMP	03/15/2018	03/15/2018	Vega, Erika	Erika.Vega@opm.gov	Manager, USA Staffing Test	usastestmanager@opm.go

The Announcement Status Report is identical to the Announcement Status Dashboard, with the exception of the Dashboard tab/page.

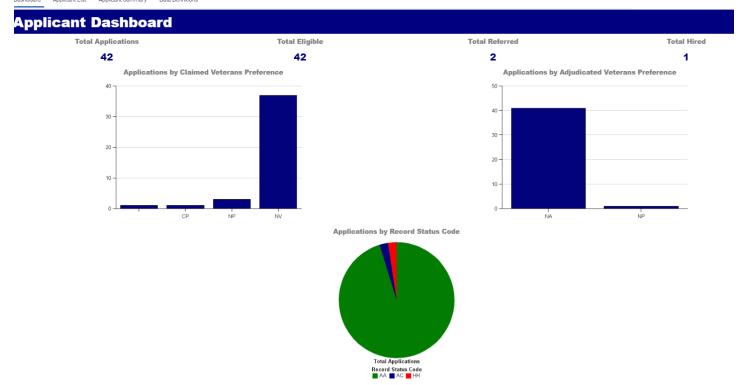




Applicant Dashboard

Dashboard and tabular data showing total applicants by eligibility and veterans preference for

one or more vacancies.



The Applicant Dashboard includes tabular data from the Applicant List Report and the Vacancy Overview Report.





Applicant List Report

Tabular report displaying a list of all applicants associated with one or more vacancies.

Applicant List Data Definitions

Applicant List I	Report
Organizations:	ASMG DHS Tenant Management, ASMG DOC Tenant Management, ASMG DOD Tenant Management, ASMG DOI Tenant Management, ASMG DOJ Tenant Management, ASMG GOV Tenant Management, ASMG HHS Tenant Management, ASMG OPM Tenant Management, ASMG SSA Tenant Management, ASMG USDA Tenant Management, ASMG VA Tenant Management
Offices:	ASMG ACWA Access Office, ASMG Reports Access Office, OPM USA Hire Office, OPM USA
Customers:	All parameter options
Vacancy Numbers:	All parameter options
Announcement Open Date Range	🛫 All parameter options
Series:	All parameter options
Grades:	All parameter options

Staffing Organization Name	Staffing Office Name	Vacancy Customer Name	Vacancy Number	Vacancy Job Title	Announcement Number	Vacancy Announcement Types	Application Number	Application Status	Applicant Last Name	Applicant First Name	Applicant Middle Name	Applicant Email Address	Record Status Code	Lowest Acceptable Grade	Veterans Preference Claimed	Veterans Preference Adjudicated
ASMG DOD Tenant Management	OPM USA Hire Office	OPM Customer for Testing	10425507	For Testing Docs	TEST - DO NOT APPLY	IMP	AFFYU- C1GN	Received	Hurst	Corey	Dennis	corey.d.hurst@gmail.com	AA	3	NP	NA
ASMG OPM Tenant Management	ASMG ACWA Access Office	Test Customer 1	10182931	ACWA Testing		DE										NA
ASMG OPM Tenant Management	ASMG ACWA Access Office	Test Customer 1	10182936	ACWA Testing	SMG-ACWA- 0193-TEST	DE	ACHMK- IP59	Canceled	Dover	Eileen		ohgary13+eileen@gmail.com	AA	5	NV	NA
ASMG OPM Tenant Management	ASMG ACWA Access	Test Customer 1	10182936	ACWA Testing	SMG-ACWA- 0193-TEST	DE	A3C65- NSUG	Canceled	Ford	lona		ohgary13+iona@gmail.com	AA	5	NV	NA





Reports

Application History Report

Tabular report displaying the vacancies to which an individual has applied.

Application History Data Definitions

Application History Report

Organizations:	ASMG DHS Tenant Management, ASMG DOC Tenant Management, ASMG DOD Tenant Management, ASMG DOI Tenant Management, ASMG DOJ Tenant Management, ASMG GOV Tenant Management, ASMG HHS Tenant Management, ASMG OPM Tenant Management, ASMG SSA Tenant Management, ASMG TEST Tenant Management, ASMG USDA Tenant Management, ASMG VA Tenant Management	Applicant Email:	All parameter options
Offices:	ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG ACWA Access Office, ASMG Reports Access Office, ASMG Reports Access Office, ASMG Reports Access Office, ASMG Reports Access Office, ASMG Reports Access Office, ASMG Reports Access Office, OFM USA Hire Office, OPM USA Hi		All parameter options
Application Last Modified Date Range:	Between Jan 1, 2016 12:00 AM and Mar 23, 2020 11:59 PM	Grades:	All parameter options
Applicant Last Name:	Applicant		

Applicant ID	Applicant Last Name	Applicant First Name	Applicant Middle Name	Applicant Email Address	Staffing Organization Name		Vacancy Number	Announcement Number			Vacancy Job Title	Vacancy Announcement Types	Announcement Open Date	Announcement Close Date	Announcement Status
69830	Applicant	Added		sharyn.horowitz@opm.gov		ACWA	10254255	ClarenceHicksHOTFIX07052018	3711	5	PD 1234	DE	07/05/2018	07/24/2018	Closed





Certificate Activity Dashboard

Visualizations and tabular data summarizing the number of certificates issued, certificates audited, and selections made. The data is provided by vacancy, year, month, organization, and office.







Certificate Activity Report

Tabular data summarizing the number of certificates issued, certificates audited, and selections made. The data is provided by vacancy, year, month, organization, and office.

JOBS UAT Testing Office, Kansas City Service 'RB, OPM USAH Testing O sources Office, PSC OPM USAJOBS Other Test, USA 19 12:00 AM and Mar 23, 2 ons	es Branch, Kansas City S ffice, OPM Washington D Office, PSC WHRSC De JOBS UAT Testing Offic	Services Branch-DUP-1, Mid-A DC, Other Security Office, PDF elegated Examining, PSC WHF	tlantic Services Branch, Onsite T RI USAH Testing Office, Perry Sta RSC Merit Promotion, San Antoni	iffice, Program Support Center, Security Test esting HQ, Onsite Testing Staffing Office, Of ffing Office, Philadelphia Services Branch, F o Services Branch, San Francisco Services I ram, Washington Services Branch	PM HR Boyers, OPM H Program Office, PSC H
JOBS UAT Testing Office, Kansas City Service 'RB, OPM USAH Testing O sources Office, PSC OPM USAJOBS Other Test, USA 19 12:00 AM and Mar 23, 2 ons	es Branch, Kansas City S ffice, OPM Washington D Office, PSC WHRSC De JOBS UAT Testing Offic	Services Branch-DUP-1, Mid-A DC, Other Security Office, PDF elegated Examining, PSC WHF	tlantic Services Branch, Onsite T RI USAH Testing Office, Perry Sta RSC Merit Promotion, San Antoni	esting HQ, Onsite Testing Staffing Office, OF Iffing Office, Philadelphia Services Branch, F o Services Branch, San Francisco Services I	PM HR Boyers, OPM H Program Office, PSC H
RB, OPM USAH Testing O esources Office, PSC OPM USAJOBS Other Test, USA 19 12:00 AM and Mar 23, 2 ons	ffice, OPM Washington E Office, PSC WHRSC De AJOBS UAT Testing Offic	DC, Other Security Office, PDF elegated Examining, PSC WHF	RI USAH Testing Office, Perry Sta RSC Merit Promotion, San Antoni	Iffing Office, Philadelphia Services Branch, F o Services Branch, San Francisco Services I	Program Office, PSC H
ons	020 11:59 PM				
ons					
ons					
ons					
Number of Vacancies Nu	mber of Applications N	Number of Certificates Issued	Number of Certificates Audited	Number of Selections	
1	5	3	0	3	
1	5	3	0	3	
8	69	14	7	9	
1	4	1	0	0	
1	5	1	0	0	
10	78	16	7	9	
12	232	45	13	139	
30	118	57	20	58	
10	774	25	6	36	
	12	1	1	2	
1	1,136	128	40	235	
		10 774 1 12 53 1,136	10 774 25 1 12 1	10 774 25 6 1 12 1 1 53 1,136 128 40	10 774 25 6 36 1 12 1 1 2 53 1,136 128 40 235

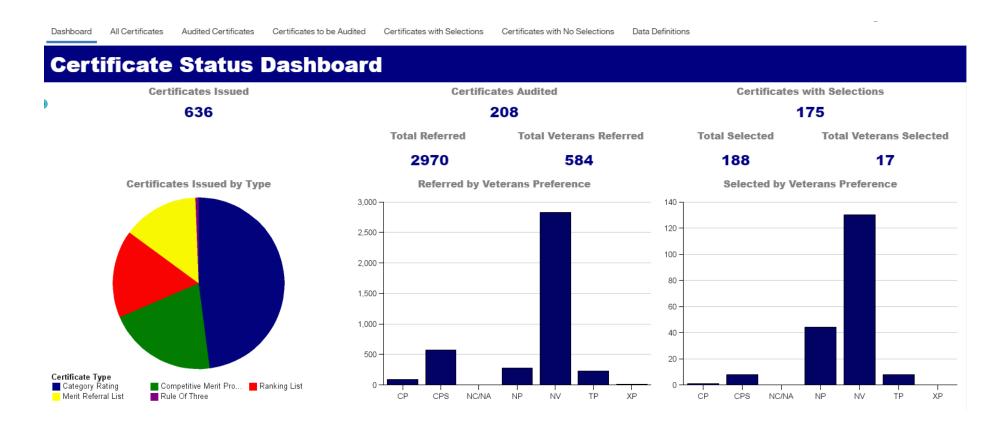
The Certificate Activity Report is identical to the Certificate Activity Dashboard, with the exception of the Dashboard tab/page.





Certificate Status Dashboard

Dashboard and tabular data showing the status of issued certificates.







Reports

Certificate Status Report

Tabular data showing the status of issued certificates.

All Certificates	Audited	Certificates	Certificate	es to be Audited Certificates v	vith Selecti	ons Certifica	ates with No	Selections	Data De	finitions							
Certi	fica	te St	atus	Report													
Organizati	ons:			G DHS Tenant Management, ASMG G HHS Tenant Management, ASMG													
Offices:			ASM0 Office Acces	G ACWA Access Office, ASMG ACV G ACWA Access Office, ASMG ACV , ASMG Reports Access Office, AS s Office, ASMG Reports Access O USA Hire Office, OPM USA Hire O	VA Access MG Repor ffice, OPM	Office, ASMG AC ts Access Office, USA Hire Office,	WA Access ASMG Repo OPM USA H	Office, ASMO Ints Access C lire Office, O	G ACWA Acc office, ASMG	ess Office, ASM Reports Acces	/IG Reports / s Office, AS	Access Office, A MG Reports Acc	SMG Reports ess Office, AS	Access Off SMG Repor	ice, ASMG ts Access C	Reports A Office, ASM	ccess IG Repoi
Certificate	Issued D	ate Range	e: Betwe	een Oct 1, 2017 12:00 AM and Mar	9, 2020 11	:59 PM											
Customers			All pa	rameter options													
Certificate	Issuer:		All pa	rameter options													
Series:			All pa	rameter options													
Grades:			All pa	rameter options													
Staffing Organization Name	Staffing Office Name	Vacancy Customer Name	Vacancy Number	Announcement Number	Vacancy Job Title	Vacancy Announcement Types	Certificate Number	Certificate Type	Certificate Issuer	Certificate Issue Date/Time	Certificate Audited?	Certificate Final Audit Complete Date/Time	Certificate Audited By	Total # Referred	Total # Selected	Total # Veterans Referred	Total Select Vetera
SMG OPM enant Janagement	ASMG ACWA Access Office	Test Customer 1	10254255	ClarenceHicksHOTFIX07052018	PD 1234	DE	20180705- CAYB-001		Test, HR	07/05/2018 09:11:08.323 PM	No	07/05/2018 09:19:59.330 PM	Test, HR	1	1	0	
ASMG OPM Tenant Management	ASMG ACWA Access	Test Customer 1	10254255	ClarenceHicksHOTFIX07052018	PD 1234	DE	20180725- CAYB-001		Test, HR	07/25/2018 10:15:04.043 AM	No			2	1	0	

The Certificate Status Report is identical to the Certificate Status Dashboard, with the exception of the Dashboard tab/page.





Request Overview Dashboard

Visualizations and tabular data showing the status of requests.



USA Staffing



Hiring Data Warehouse

Reports

Request Overview Report

Tabular data showing the status of requests.

Requests - All Requests - Active Requests - Pending Requests - Complete Data Definitions

Request Overview Report

Organizations:	Organization Four, Organization One, Organization three, Organization Two
Offices:	Office A, Office B, Office C, Office D, Office E, OROF3, OROF4
Customers:	All parameter options
Request Creation Date Range:	Between Jan 1, 2020 and Apr 1, 2020
Request Types:	All parameter options
Request Numbers:	All parameter options
Request Status:	All

Staffing Organization Name	Staffing Office Name	Request Customer Name	Request Number	Hiring Validation Date	Request Creation Date	Request Type	Request Source	Requester Name	Requester Email	Approval Date	Approver Name	Approver Email	Supervisory Position?	Bargaining Unit Position?	Request Status
Organization One	Office A	8-6 Customer C	20200102-93125	12/31/2019	01/02/2020	New Vacancy	Key Entry	Patterson, Brandon	brandon.patterson@opm.gov	01/02/2020	Admin, Test	usastestadmin@opm.gov	No	No	Pending Recruitment
Organization One	Office A	8-6 Customer C	20200207-61494	02/05/2020	02/07/2020	New Vacancy	Key Entry	Sarracino, Allison	Allison.Sarracino@opm.gov	02/07/2020	HR, Test	USASTESTHR@OPM.GOV	No	No	Selection Made
Organization One	Office A	8-6 Customer C	20200207-61494-0001	03/04/2020	03/06/2020	Additional Selection		Sarracino, Allison	Allison.Sarracino@opm.gov	03/06/2020	HR, Test	USASTESTHR@OPM.GOV	No	No	Pending Recruitment
Organization One	Office A	8-6 Customer C	20200207-61494-0002	03/04/2020	03/06/2020	Additional Selection		Sarracino, Allison	Allison.Sarracino@opm.gov	03/06/2020	HR, Test	USASTESTHR@OPM.GOV	No	No	Pending Recruitment
Organization One	Office A	8-6 Customer C	20200207-61494-0003	03/04/2020	03/06/2020			Sarracino, Allison	Allison.Sarracino@opm.gov	03/06/2020	HR, Test	USASTESTHR@OPM.GOV	No	No	Pending Recruitment





Reports

Request Vacancy Information

Tabular report displaying details about the vacancies associated with requests.

Request Vacancy Information Data Definitions

Request Vacancy Information

Request Numbers: 20200318-61354-DMK-MARDEEPDIVE, 20200306-81401, 20200306-62009

Staffing Organization Name	Staffing Office Name	Request Customer Name	Request Number	Request Location Description	Vacancy Number	Announcement Number	Announcement Location Description	Vacancy Status	Vacancy Type	Vacancy Announcement Types	Vacancy Job Title	Vacancy Position Description Number	Vacancy Position Description Title	Vacancy Pay Plan	Vacancy Series		Vacancy Specialty	Vacancy Travel Required	Vacanc Securit Clearan Require
Organization One	Office A		20200306- 62009	Lithonia, GA United States	10745108	20-CABL- 10745108-20	Lithonia, GA United States	Active	Case Exam	ST	Marchsix Tester	0306	Marchsix Tester	GS	0136	12		Occasional travel	Confiden
		A	20200306- 81401		10745701	20-CABL- 10745701-20	Scott Bar, CA United States	Active	Case Exam	DE	SMG	SMG	SMG	GS	0099	4		Not required	Not Required
			20200318- 61354-DMK-	Buffalo, MN United	10754567	10754567- DMK-	Buffalo, MN United States	Active	Case Exam	ST	HR Specialist	1989	HR Specialist -	GS	0201	11		Not required	Not Required
			MARDEEPDIVE	States		DeepDive- MAR					- TEST		TEST			12		Not required	Not Required
							Cannon Falls, MN United	Active	Case Exam	ST	HR Specialist	1989	HR Specialist -	GS	0201	11		Not required	Not Required
							States				- TEST		TEST			12		Not required	Not Required
							Saint Paul, MN United States	Active	Case Exam	ST	HR Specialist	1989	HR Specialist -	GS	0201	11		Not required	Not Required
											- TEST		TEST			12		Not required	Not Required
				Cannon Falls, MN	10754567	10754567- DMK-	Buffalo, MN United States	Active	Case Exam	ST	HR Specialist	1989	HR Specialist -	GS	0201	11		Not required	Not Required
				United States		DeepDive- MAR					- TEST		TEST			12		Not required	Not Required





Reports

Staffing Process Tracking Report

20191216- McCrary,

Monique

49340-

0mlm

Tabular report displaying request, vacancy, announcement, and certificate numbers as well as milestone dates in the staffing process for New Vacancy and Additional Selection requests.

Staffing Proc	ess Tracki	ng Data D	efinitions													
Staf	fing	Pro	cess	; Tra	cking Rep	oort										
Organiza	tions:									e Testing, Infinit I Management,			onnel Managem	ient, Onsite	Testing, OPM	Prog
Offices:								HR Mac Executiv	on, OPM HR e Resources	ice, Kansas City IRB, OPM USA Office, PSC OP! USAJOBS Othe	H Testing Office VI Office, PSC V	e, OPM Washi /VHRSC Deleg	ngton DC, Othe gated Examining	er Security O g, PSC WHF	ffice, PDRI U SC Merit Pro	ISAH omotic
Custome	rs:							All parar	neter options							
Staffing I	Date Ty	pe:						Certifica	te Issue Date							
Staffing I)ate Ra	nge:						Between	Oct 1, 2019	12:00 AM and M	ar 23, 2020 11	59 PM				_
Staffing Organization Name	Staffing Office Name	Request Customer Name	Request Number	Requester Name	Requester Email	Approver Name	Approver Email	Request Type	Request Status	Request Creation Date/Time	Request Last Modified Date/Time	Request Submission Date/Time	Approval Date/Time	Vacancy Number	Vacancy Job Title	Vaci Sta
Office of Personnel Management	OPM HR Boyers	HR Solutions	20191216- 49340	McCrary, Monique	Monique.McCrary@opm.gov	McCrary, Monique	Monique.McCrary@opm.gov	New Vacancy	Complete	12/16/2019 09:09:37.030 AM	12/16/2019 09:10:57.590 AM		12/16/2019 09:11:05.637 AM	10098090	Human Resources Specialist	Activ

02/14/2020 02/14/2020

AM

Selection Made

11:53:11.903 11:53:26.990

AM

02/14/2020

11:53:28.527

AM

10098090 Human

Resources

Specialist

Monique.McCrary@opm.gov McCrary, Monique.McCrary@opm.gov Additional Selection

Monique

Activ



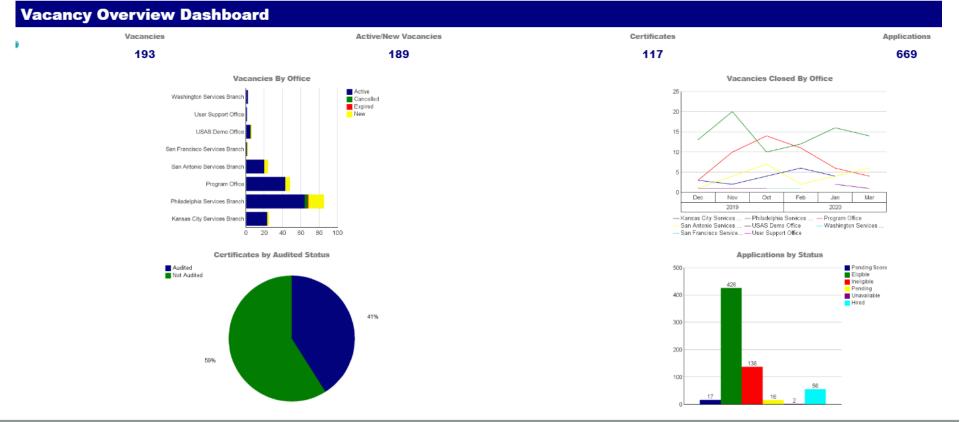


Reports

Vacancy Overview Dashboard

Dashboard and tabular data displaying details about vacancies and announcements, including summary data about applicants.

Dashboard By Vacancy By Organization and Office By Fiscal Year and Month Data Definitions







Vacancy Overview Report

Tabular report displaying details about vacancies and announcements, including summary data about applicants.

Data Definitions

Vacancy	Overview Report
vacancy	overview neport

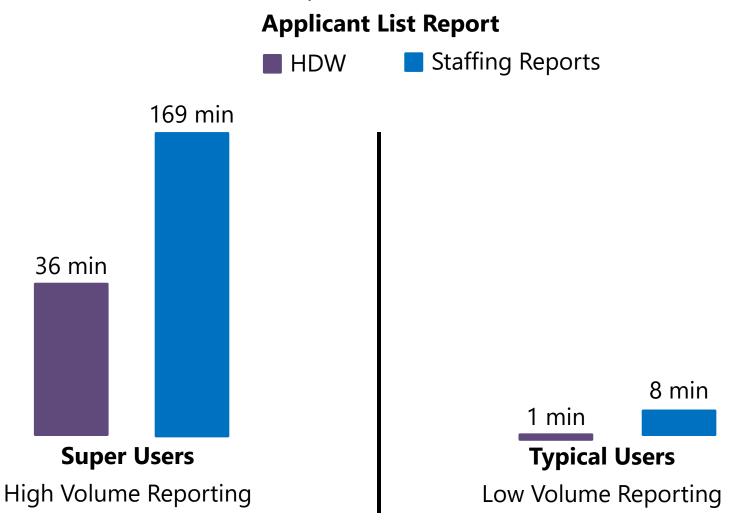
By Vacancy By Organization and Office By Fiscal Year and Month

Organizations: OPM		PM Reimbursable									Vacancy Series		All parameter options
Offices:	Kansas City Francisco Se	Kansas City Services Branch, Kansas City Services Branch-DUP-1, Mid-Atlantic Services Branch, Philadelphia Services Branch, San Antonio Services Branch, San Francisco Services Branch, Washington Services Branch									^{an} Vacancy Grade:		All parameter options
Customers: All parame		er options								Vacanc	Vacancy Numbers:		All parameter options
Announcement C Date Range:	lose Between Oc	tween Oct 1, 2019 and Mar 23, 2020									Position Description Numbers:		All parameter options
Staffing Organization Name	Staffing Office Name	Vacancy Customer Name	Total Vacancies	Total Applications	Total Eligible	Total Ineligible	Total Pending	Total Unavailable	Total Eligible Referred	Total Eligible Not Referred	Total Hired	Total Suspended	Total Expired
OPM Reimbursable	Kansas City Services Branch	A Salah's Test Customer	3	8	2	4	2	0	1	1	0	C)
		Customer A	8	133	123	1	2	0	125	-2	4	()
		Customer B	14	20	15	0	0	0	6	9	5	()
	Kansas City Services Branch - Total		25	161	140	5	4	0	132	8	9	()
	Philadelphia Services Branch	Customer A	67	117	73	10	6	0	51	22	21	()
		Customer B	14	33	18	3	0	0	15	3	9	(0
		Customer G	2	4	1	0	0	1	4	-3	2	(0
		FIS	1	3	3	0	0	0	0	3	0	0	0
		FSG	1	8	4	4	0	0	0	4	0	C) (
	Philadelphia Services B	ranch - Total	85	165	99			1	70	29	32) (
	San Antonio Services Branch	A Salah's Test Customer	1	0	0	0	0	0	0	0	0	0) (
		Briana's Test Customer	1	12	11	0	0	0	2	9	1	() (
		Customer A	14	48	28	12	5	0	18	10	3	C) (

The Vacancy Overview Report is identical to the Vacancy Overview Dashboard, with the exception of the Dashboard tab/page.



We compared performance of the a number of reports from Staffing Reports to similar reports created for HDW.

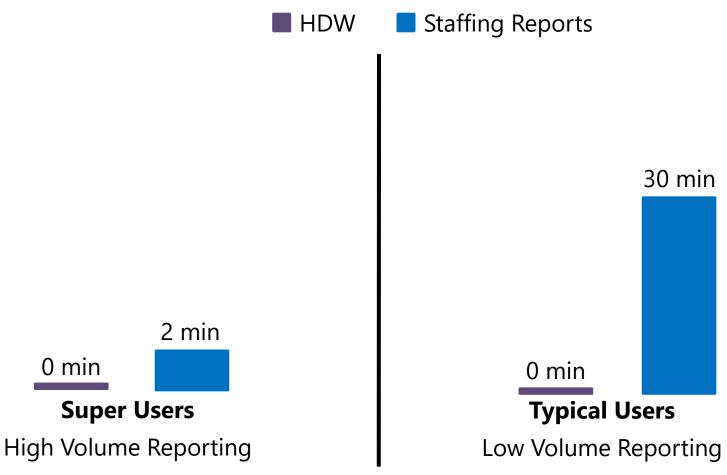






Comparisons were made between 7 reports. In general, HDW outperformed Staffing Reports.

Certificate Status Report







Open Demo and Q&A



Resources and Contacts

IBM Cognos Analytics User Guide

The official IBM user guide for Reporting via Cognos Analytics: https://www.ibm.com/support/knowledgecenter/SSEP7J 11.0.0/com.ibm.swg.ba.cog nos.ug_cr_rptstd.doc/ug_cr_rptstd.pdf?view=kc

USA Staffing Resource Center

Under the Reports and Analytics section, you'll find presentations from previous workgroup sessions and other resources:

https://help.usastaffing.gov/USASUpgResCtr/index.php/USA_Staffing_Upgrade_Reso urce_Center

Cognos Report Author Training Sessions

An overview of USA Staffing data with practical exercises in running standard reports and developing custom reports in Cognos. Contact your Account Manager if you are interested in scheduling a session for the report authors in your organization

Need Help?

If you are experiencing issues accessing Cognos or need help to create or troubleshoot a report, submit a HelpDesk ticket through USA Staffing. If you are unable to submit a HelpDesk ticket, please contact us at

USAStaffingData@opm.gov