

Cross Agency Priority Goal

Quarterly Progress Update

Open Data

Goal leaders:

Lisa Schlosser, Chief Information Officer (acting), OMB
Megan Smith, Chief Technology Officer, OSTP



FY2014 Quarter 4

Goal Statement

- Fuel entrepreneurship and innovation, and improve government efficiency and effectiveness by unlocking the value of government data and adopting management approaches that promote interoperability and openness of these data.

Urgency

- Freely available data from the U.S. Government is an important national resource, serving as fuel for entrepreneurship, innovation, scientific discovery, and economic growth. Making information about government operations more readily available and useful is also core to the promise of a more efficient and transparent government.
- There is more than \$1 trillion dollars of annual potential economic benefit from open data in the U.S., according to McKinsey*.

Vision

- Make open and machine-readable the new default for all government information and strengthen the open data ecosystem to fuel innovation and economic growth.

Progress Update

Policy

- **Project Open Data Metadata Schema v1.1.** In November 2014, the White House coordinated with GSA's [Data.gov](#) team to launch the [Project Open Data Metadata Schema v1.1](#), which better aligns with international standards for data publishing and will be the new standard for open data metadata across the Federal Government. These teams conducted extensive public engagement through workshops and [Github](#) and incorporated community feedback into the final product. All agencies will be required to migrate to v1.1 by February 2015.

Tools & Collaboration

- OMB's U.S. Digital Service (USDS) launched the [Digital Services Playbook](#), a collection of 13 key "plays" that are drawn from successful best practices from private sector and government that will help government build effective digital services. Play 13, *default to open*, includes actions for opening data, including releasing datasets in their entirety through bulk downloads and APIs and using open licenses.
- In September 2014, the White House announced the [third round](#) of the [Presidential Innovation Fellowship](#) (PIF) program. Over the next year, these innovators will collaborate and work with change agents inside government on three high-impact initiatives aimed at saving lives, saving taxpayer money, and fueling our economy. Fifteen of the 27 Round 3 fellows are charged with unleashing the power of data to improve Americans' lives.

Fueling the Ecosystem

- The White House and the agencies continue to catalyze action, highlight success stories, and get important feedback through a series of events and well-designed prizes. Efforts include:
 - Datajams: **Brainstorming workshops** with innovators and data owners.
 - For example, Jobs and Skills Data Jams were hosted in the summer and fall of 2014 by the White House and the Departments of Commerce and Labor. Vice President Biden, Chief Technology Officer Megan Smith, and Labor Secretary Perez were in attendance at the summer session.
 - Datapaloozas: **High-profile summits** to highlight open data progress.
 - For example, Health, Energy, Education, Public Safety, Climate, and Disaster Response Datapaloozas were held in 2014.
 - Hackathons: 24-72 hour **code-a-thons** to build working prototypes.
 - Incentive prizes: **small dollar prizes to encourage creative use of our data.**

Action Plan Summary

Sub-Goal	Major Actions to Achieve Impact	Key Indicators
I. Fuel economic growth and Innovation	<ul style="list-style-type: none">Ensuring the continued release and improvement of high priority datasets (e.g. data sets identified as part of the U.S. Open Data Action Plan, high value data assets identified by the public, etc.)Fueling the external open data ecosystem and feedback cycle (e.g. Data Jams, Datapaloozas, code-a-thons, incentive prizes, roundtables, etc.)Developing central tools and support for agencies and innovators (e.g. Project Open Data, data.gov, API management tools, etc.)	<p>Increase in external organizations using open government data, as indicated by:</p> <ul style="list-style-type: none">Usage statistics from Data.govPassive identification by agencies (repeat visitors to agency data website)Proactive identification by agencies (organizations that cite government data usage)Reports from data.gov/impact/ <p>Increased value and outcomes for external entities using government data</p> <ul style="list-style-type: none">Survey top 5 external data users to understand the value, use, and impact of government data, including job creation, and how agencies can improve the usability of their data.

Action Plan Summary (cont.)

Sub-Goal	Major Actions to Achieve Impact	Key Indicators
II. Make open and machine-readable the new default for all government information	<p>Implementing the Open Data Policy & Executive Order at each agency:</p> <ul style="list-style-type: none">• Develop and maintain an enterprise data inventory• Make data discoverable to the public• Prioritize and release valuable data through public engagement• Prevent inappropriate disclosure of sensitive information• Assign roles and responsibilities to strengthen the culture of data management	<p>Develop and maintain an Enterprise Data Inventory</p> <ul style="list-style-type: none">• % of bureaus and programs in the agency which have data sets represented in the Enterprise Data Inventory.• Y/N — Inventory includes data sets posted to the agency website, addressed System of Record Notices (SORNs) or Privacy Impact Assessments (PIAs), and any purchased data sets? <p>Make data discoverable to the public</p> <ul style="list-style-type: none">• % of data sets included in the Public Data Listing that have a downloadable URL where the public can access the data.• % of agencies reaching 100% valid metadata.• Y/N – Inventory contains data sets released through FOIA.• % of agencies reaching metadata quality goals (working URLs, file format matches metadata, machine-readable). <p>Prioritize and release valuable data through public engagement</p> <ul style="list-style-type: none">• Existence of a transparent two-way feedback mechanism. <p>Prevent inappropriate disclosure of sensitive information</p> <ul style="list-style-type: none">• Agency privacy review processes align with Administration policies. <p>Assign roles and responsibilities to strengthen the culture of data management</p> <ul style="list-style-type: none">• Is there a Chief Data Officer, Chief Technology Officer, or other senior staff position assigned responsibility for data management and release?• Agencies publicly assign points of Contact for Open Data issues.

Work plan

Milestone Summary				
Key Milestones	Milestone Due Date	Milestone status	Owner	Anticipated Barriers or other Issues Related to Milestone Completion
Integrate CAP goal KPIs into the E-gov Integrated Data Collection	6/30	Complete	OMB	Agencies may (or may not) have a good two-way relationship with their data users, and this may result in differing levels of quality and completeness of IDC.
Launch series of Open Data Roundtables through NYU's GovLab to connect companies from the Open Data 500 with agency data owners	6/30	Complete	OSTP	Several successful roundtables have been hosted with key agencies including the Department of Commerce and USDA.
Launch new metadata validator tool	7/14	Complete	GSA	
GSA and OMB develop integrated dashboard for agency KPIs	7/29	Complete	GSA & OMB	Completed and available at http://labs.data.gov/dashboard/offices
Release "Hacks, Jams and 'Paloozas" handbook for agencies	8/29	Complete	OSTP	Completed and available at https://project-open-data.cio.gov/engagement/
Improve automated Data.gov harvesting of agencies' Public Data Listing	8/2014	Complete	GSA	
Update Project Open Data Dashboard to add agency-reported open data use and impact information and include validations for metadata quality and machine readability	12/2014	On Track	OMB & GSA	Project Open Data Dashboard is located at http://labs.data.gov/dashboard/offices
Issue an updated metadata v1.1 that aligns with international standards	12/2014	On Track	OMB & OSTP	
Host 8 API & data usability testing programs	12/2014	On Track	GSA	The 8 th session is scheduled for December 8, 2014
Ensure all agencies are using metadata v1.1	2/2015	On Track	OMB, Agencies	

Work plan (cont.)

Milestone Summary				
Key Milestones	Milestone Due Date	Milestone status	Owner	Anticipated Barriers or other Issues Related to Milestone Completion
Refresh Open Data CAP Goal with metrics on metadata quality and machine readability	2/2015	On Track	OMB	
Incorporate refreshed Open Data CAP Goal metrics into PortfolioStat sessions	Spring 2015	Not Started	OMB	
High level datasets identified through the US Open Data Action Plan released on schedule	8/2015	On Track	OSTP	
Schedule 8 additional roundtables	12/2015	On Track	OSTP	
Manage Open Data Working Group	On-going	On Track	OMB & OSTP	
Host Open Data Co-Working Sessions for agencies	On-going	On Track	GSA	

Key indicators (cont.)

Key Implementation Data							
Sub-Goal	Indicator	Source	Baseline	Target?	Frequency	Latest data	Trend
I. Fuel economic growth and innovation	# increase in external organizations using open government data	Agencies Data.gov Open Data 500	Q1 FY15	N/A	Quarterly	Under Development	
	Demonstrated value and outcomes for external entities using government data	Agencies Surveys of top data users/IDC	Q1 FY15	N/A	Quarterly	Agencies reported survey results via August IDC activity. 77% have reported qualitative “impact” data. Data will also be collected on November 30, which will be released on the Dashboard.	
	% increase in usage statistics on data views from Data.gov	Data.gov	Q1 FY15	TBD	Quarterly		
	% of agencies with Digital Analytics Program (DAP) installed on their agency.gov/data/ page to assist in identify data users	GSA DAP data	Q1 FY15	100%	Quarterly		
	# of additional usage reports on Data.gov/impact/	Data.gov/impact/	Q4 2014	1 per quarter	Quarterly		

Key indicators (cont.)

	Key Implementation Data						
Sub-Goal	Indicator	Source	Baseline	Target?	Frequency	Latest data	Trend
II. A) Develop and maintain an Enterprise Data Inventory	% of bureaus and programs in the agency which have data sets represented in the Enterprise Data Inventory	Agencies /IDC	Q4 FY14	100% by 11/30/14	Quarterly	As of August 30, 112 of 174 bureaus (64.4%) and 279 of 1,544 programs (18.1%) are represented. New data will be collected on November 30.	
	Y/N—Does inventory include data sets posted to the agency website, addressed in the agency's System of Record Notices (SORNs) or Privacy Impact Assessments (PIAs), and any purchased data sets?	Agencies/IDC	Q1 FY15		Quarterly		

Key indicators (cont.)

Key Implementation Data							
Sub-Goal	Indicator	Source	Baseline	Target?	Frequency	Latest data	Trend
II. B) Make data discoverable to the public	% of data sets included in the Public Data Listing that have a URL where the public can access the data set	Agency PDL	Q2 FY14	100%	Quarterly	96% of datasets listed in agency PDLs have a downloadable URL. (August 2014)	↑
	% of agencies with 100% valid metadata	Agency PDL	Q2 2014	100%	Quarterly	65% of agencies have 100% valid metadata, up from 35% in FY14 Q3 (August 2014)	↑
	% of working download URLs	Agency PDL	Q1 2015	N/A	Quarterly	Under Development	
	% of datasets in which the file format matches the file format identified in the data.json metadata	Agency PDL	Q1 2015	N/A	Quarterly	Under Development	
	% of downloads in HTML format (machine-readability measure)	Agency PDL	Q1 2015	N/A	Quarterly	Under Development	
	% of downloads in PDF format (machine-readability measure)	Agency PDL	Q1 2015	N/A	Quarterly	Under Development	
	Y/N—Have data sets released via FOIA been included in the Public Data Listing?	Agencies/IDC	Q1 FY15	Yes	Quarterly	Under Development	

Key indicators (cont.)

	Key Implementation Data						
Sub-Goal	Indicator	Source	Baseline	Target?	Frequency	Latest data	Trend
II. C) Prioritize and release valuable data through public engagement	% of agencies with a transparent 2-way feedback mechanism for data prioritization	Agencies/IDC	Q2 FY14	N/A	Quarterly	100% of agencies have public engagement mechanisms, and 50% of agencies have demonstrated 2-way feedback loop (August 2014)	↑
II. D) Prevent inappropriate disclosure of sensitive information	% of agencies with privacy reviews consistent with the Open Data Policy	Agencies	Q1 FY14		Quarterly	84% of agencies are compliant (August 2014)	↑
II. E) Assign roles & responsibilities to strengthen the culture of data management	Y/N—Is there a Chief Data Officer, Chief Technology Officer, or other senior staff position assigned responsibility for data management and release?	Agencies/IDC			Quarterly		↑
	% of agencies who publicly assign points of contact for open data issues	Agencies/IDC	Q4 2014	100%	Quarterly	92% of agencies have identified POCs (August 2014)	

Resources

Resource	Description
Executive Order 13642—Making Open and Machine Readable the New Default for Government Information	Established an important new principle in the government’s stewardship of data: going forward, agencies must consider openness and machine-readability as the default when they collect or create data.
M-13-13—Open Data Policy—Managing Information as an Asset	Policy jointly released by OMB and OSTP to provide a framework for agencies to manage information as an asset throughout its lifecycle, which includes requirements to protect personal and confidential data.
Supplemental Guidance on the Implementation of M-13-13	Guidance to provide additional clarification and detailed requirements to assist agencies in carrying out the Open Data Policy.
Data.gov	The home of the U.S. Government’s open data, which contains data, tools, and resources to conduct research, develop web and mobile applications, design data visualizations, and more.
Project Open Data	Free open source tools, case studies, and best practices designed to help agencies improve open data management, release data, and host events.
Project Open Data Dashboard	Dashboard of agency progress in implementation of the Open Data Policy, including evaluations from OMB.
Open Data Biweekly Meeting and Listserv	The CTO and CIO teams host an open data meeting, currently every other Tuesday from 11 AM to 12 PM EST at GSA. For more information, join the Open Data Listserv. Hosted by GSA, this listserv is designed to connect people who are tackling data innovation, no matter their home agency. Anyone with a .gov or .mil email address can join by emailing listserv@listserv.gsa.gov (the message should have no subject and the body should say "subscribe open-data").
U.S. Digital Services Playbook	This playbook of 13 key “plays” is drawn from successful best practices from private sector and government that will help government build effective digital services. Play 13, default to open, includes actions for opening data.
StackExchange Open Data Q&A	Open Data Q&A site frequented by federal open data stakeholders.
New York University (NYU) GovLab Open Data 500 and Roundtables	Study of companies that use open federal data to generate new business and develop new products and services. The roundtables bring data-centric agencies together with the heaviest users of their data.
U.S. Open Data Institute	Partners with government agencies to help them release data sets and engage users.

Contributing programs

The White House

- [Office of Management and Budget \(OMB\)](#)
- [Office of Science and Technology Policy \(OSTP\)](#)
- [Presidential Innovation Fellows](#)

General Services Administration

- [Data.gov](#)
- [18F](#)