

Cross Agency Priority Goal

Quarterly Progress Update

Open Data

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FY2016 Quarter 1

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

- Open data from the U.S. Government is an important national resource, serving as fuel for entrepreneurship, innovation, scientific discovery, and data driven policymaking. Making information about government operations more readily available is also core to a more efficient, transparent, participatory, and collaborative government.

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 Dashboard Reviews.** As is done each quarter, the White House Office of Management and Budget (OMB) has evaluated each CFO Act agency on their Open Data Policy progress on the [Project Open Data Dashboard](#). The White House applauds the Department of Veterans Affairs and the Social Security Administration for achieving green (highest level possible) scores for all performance indicators for the September 1 – November 30, 2015 May milestone.
- **No new requirements.** Agencies will continue to enrich their metadata by: (1) Ensuring all public domain and open license information is properly documented. See more details at: <https://project-open-data.cio.gov/open-licenses/> (2) Ensuring all public, restricted public, and non-public APIs are properly documented. See more details at <https://project-open-data.cio.gov/v1.1/api/>. (3) Ensuring all appropriate data assets are grouped as collections. See more details at: <https://project-open-data.cio.gov/v1.1/collections/>

Tools & Collaboration

- **Open Government National Action Plan and Global Summit.** The Administration announced 45 new and expanded open government commitments, including 20 initiatives related to open data, in the [third Open Government National Action Plan](#) published October 27, 2015. Administration officials also participated in open data panels and presentations at the international [Open Government Partnership Global Summit](#) in Mexico, collaborating with colleagues from some of the 60 countries in attendance. All of the National Action Plan commitments must be fully implemented by June 2017.
- **Open Data Working Group meetings.** The Open Data government-wide community met biweekly during the quarter to share information and best practices from Agencies, and to gain clarification on Open Data policy.

Progress Update

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:

- Datapaloozas: **High-profile summits** to highlight open data progress.
 - On October 30 the White House Office of Science and Technology Policy (OSTP), the U.S. Department of Transportation (DoT), the Consumer Product Safety Commission, the U.S. Department of Agriculture, the U.S. Department of Health and Human Services, the U.S. Department of the Interior, the U.S. Department of Homeland Security, the U.S. Department of Labor, and the U.S. Department of Justice hosted the third annual [Safety Datapalooza](#).
- Hackathons: 4-72 hour **code-a-thons** to build working prototypes.
 - On December 12, the #MentalHealth Hackathon hosted a series of events in Washington DC, New York City, Boston, Chicago, and San Francisco to advance mental health and suicide prevention efforts. Impact Hub DC hosted a tech sprint to augment Data.gov by adding new and enhancing datasets related to suicide in order to stimulate new research, encourage innovative data visualizations, and facilitate the development of web and mobile applications.
 - On December 2, NatureServe and the U.S. Geological Survey hosted the National Science Foundation-funded EcoINFORMA workshop 'Promoting Synergy in the Innovative Use of Environmental Data' to identify areas of collaboration and foster synergy among Federal and non-Federal biodiversity and ecosystem informatics activities on advanced uses of environmental geospatial data for forecasting and decision-making.
- **NEW: See more events at Data.gov/Events**
- Incentive prizes: **small dollar prizes to encourage creative use of our data.**
- Creating value from open data through developer engagement:
 - [College Scorecard](#), throughout Q1, added data from new colleges, increasing developer support and documentation.

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 (e.g., repeat visitors to agency data website)Proactive identification by agencies (e.g., organizations that cite government data usage)Digital Analytics Program (DAP) usage metricsReports 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

Key Milestones	Milestone Due Date	Milestone status	Owner	Anticipated Barriers or other Issues Related to Milestone Completion
Agencies publish their Enterprise Data Inventories (EDI) on Data.gov.	5/2015 11/2016	Missed	OMB, Agencies	As of May 31, 2015 all agencies are required to include information on non-public data in their PDL and publish their EDIs on a regular basis. As of November 2015, 6 out of 24 Agencies failed to properly report their EDI in their Public Data Listing (PDL) to be displayed on data.gov. 9 out of 24 Agencies fail to list any non-public data in their PDL. 6 out of 24 Agencies fail to list any restricted public data in their PDL. This milestone deadline has been revised to November to attempt to gain 100% compliance. OMB will follow up individually with agencies.
Incorporate refreshed Open Data CAP Goal metrics into PortfolioStat sessions	5/2015 6/2016	Ongoing	OMB	Open data metrics are currently included in PortfolioStat sessions as appropriate; as metrics are refreshed, OMB will coordinate closely to ensure PortfolioStat is used as an additional compliance tool.
Agencies include licensing information in their PDL for all public datasets.	8/2015 11/2016	At Risk	OMB, Agencies	As of May 31, all agencies are required to include licensing information in their EDI. As of Q1 2016, 68% of CFO-Act Agency datasets include licensing information. Ed, HHS, DHS, HUD and State have failed to proactively label their datasets with licensing information. This milestone has been revised to November to attempt to gain 100% compliance. OMB will follow up individually with agencies.

Work plan (cont.)

Milestone Summary				
Key Milestones	Milestone Due Date	Milestone status	Owner	Anticipated Barriers or other Issues Related to Milestone Completion
High level datasets identified through the US Open Data Action Plan released on schedule	8/2015 9/2016	Missed	OSTP	About half of the 44 datasets included in the action plan appear to be released in accordance with the plan. OSTP will follow up to confirm all data has been released in the correct format and public domain/license and to ensure all of this data is being harvested by Data.gov. This milestone has been revised to September 2016 to gain 100% of datasets released.
Announce new and expanded open data commitments in the third Open Government National Action Plan by October 31, 2015	10/2015	Complete	OSTP	Complete and available at: https://www.whitehouse.gov/sites/default/files/microsites/ostp/final_us_open_government_national_action_plan_3_0.pdf
Support Federal agencies to convene eight Open Data Roundtables	12/2015	Complete	OSTP	Reports on Roundtables are available at: http://www.opendataenterprise.org/convene.html
Schedule 8 Open Data Roundtables				This milestone has been completed and will be removed next quarter.
Nominate a Senior Leader from an agency to co-lead the Open Data CAP Goal	10/2015	Complete	DDM	Completed (DOT's Victor Mendez was selected) and included in CAP Goal quarterly progress updates, see: http://www.performance.gov/content/open-data?view=public#progress-update
Set up quarterly Goal Leader meetings	Ongoing	On Track	PIC, OMB	A deep dive is scheduled for early 2016.
Develop a more compelling value proposition for all Agencies to engage on Open Data	12/2015	Missed - To be Revised	OMB, DOT	OMB and DOT will work with key Agency data leaders to revise CAP Goal metrics to include information management and data governance.
Focused outreach to top 5 Agencies	12/2015 6/2016	Ongoing	OMB, CIO/CDO	OFCIO contacted six Agencies (USDA, Commerce, Interior, Labor, State, and the Environmental Protection Agency). Initial meetings have been scheduled to develop pilot activities for Q3. This milestone has been revised to reflect new timeline.
Reframe CAP goal to prioritize information management	11/2015 Q3 FY2016	Partially Complete	OMB, DOT	OMB is conducting Data Governance outreach and research and will develop new metrics by Q3 FY16

Work plan (cont.)

Key Milestones	Milestone Summary			
	Milestone Due Date	Milestone status	Owner	Anticipated Barriers or other Issues Related to Milestone Completion
Update Project Open Data Dashboard to include all government-wide CAP metrics and vice versa	1/2016	On Track	OMB, GSA	Updates can be tracked here: https://github.com/project-open-data/project-open-data-dashboard/issues
Update the Project Open Data Dashboard to include graphs of trends over time	Spring 2016	On Track	OMB, GSA	Update progress can be tracked here: https://github.com/project-open-data/project-open-data-dashboard/issues
Open Government Showcase during Sunshine Week on March 16, 2016	March 2016	N/A	OSTP	This event is no longer being planned.
Host four 2016 Open Data Roundtables with deep-dives on priority topics	March-June 2016	On Track	OSTP	See data.gov/open-data-roundtables/
Draft National Open Data Guidelines, satisfying commitment from Open Government National Action Plan 3.0	October 2016	On Track	OSTP, OMB, GSA	Outcomes from 2016 Open Data Roundtables will identify lessons learned, best practices, and case studies to help develop National Open Data Guidelines.
Publish updated agency Open Government Plans with open data goals	June 2016	N/A	OSTP	This milestone is being removed because each agency is responsible for publishing this without the need for OSTP coordination.
Manage Open Data Working Group	Ongoing	Ongoing	OMB, OSTP, GSA	See https://project-open-data.cio.gov/working-group/ .
Open Datapalooza	September 28-29, 2016	On Track	OSTP	Public showcase of open data, leveraging Government Transparency conference in DC; opportunity for National Open Data Guidelines to be released & widely shared.
Host Open Data Co-Working Sessions for agencies	Ongoing	Complete and ongoing	GSA	Ad hoc co-working sessions take place as needed.

Key indicators (cont.)

Key Implementation Data							
Sub-Goal	Indicator	Source	Baseline	Target?	Frequency	Latest data	Trend
I. Fuel economic growth and innovation	Demonstrated value and outcomes for external entities using government data	Agencies IDC Data.gov	Q1 FY15 - 77% of 24 CFO Act Agencies	100%	Quarterly	In November 2015, 92% of agencies reported qualitative “impact” answers, the same as last quarter.	--
	% increase in usage statistics on data views from Data.gov	Data.gov	Q1 FY15 - 201,432 views	500,000 views/month	Quarterly	Views Sept-Nov 2015: 575,677 Views in Q4 FY15: 401,306 Percent growth from last quarter: 43% Percent growth from baseline: 185%	↑
	% of agencies with Digital Analytics Program (DAP) installed on their agency.gov/data/ page to assist in identify data users	GSA DAP data	Q2 FY15 - 5 out of 24 (21%)	100%	Quarterly	As of November 2015, 7 CFO Act agencies (29%) have DAP installed on their [agency].gov/data page, the same as last quarter. OMB and GSA will engage in outreach to reach target.	--
	# of additional usage reports on Data.gov/impact/	Data.gov/impact/	Q1 2015 - 20 reports	1 per quarter	Quarterly	32 usage reports are on data.gov/impact in Q1.	--

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	Q1 FY15 - 70% of bureaus; 17% of programs	100% (bureaus) 50% (programs)	Quarterly	In November 2015, 91% of bureaus were represented and 24% of programs were represented, slightly up from last quarter.	↑ (bureaus) ↑ (programs)
	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			Quarterly	This metric is being removed because there is no way at present to track this.	

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	Q1 FY15 – 93%	100%	Quarterly	95% of datasets have a downloadable URL (up from 75% in last quarter)	↑
	% of agencies with 100% valid metadata	Agency PDL	Q1 2015 – 79%	100%	Quarterly	100% of agencies have 100% valid metadata at end of Q1, up from 91% in Q4. This metric has been achieved and will be removed next quarter.	↑
	% of working download URLs (accessible links)	Agency PDL	Q2 2015 – 78%	100%	Quarterly	88% of download URLs were accessible, up from 70% in Q4.	↑
	% of datasets in which the file format matches the file format identified in the data.json metadata	Agency PDL	Q2 2015 – 66%	100%	Quarterly	In November 2015, 66% matched, up from 60% in Q4.	↑
	% of downloads in HTML format (machine-readability measure)	Agency PDL	Q2 2015 – 30%	0%	Quarterly	In January 2016, 37% were in HTML format, up from 28.7% in Q3, likely because of new data.	↑
	% of downloads in PDF format (machine-readability measure)	Agency PDL	Q2 2015 – 13%	0%	Quarterly	In January 2016, 3% were PDFs, down from 12.4% in Q3.	↓

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 FY15 – 33%	100%	Quarterly	In November 2015, 50% of agencies have demonstrated 2-way feedback loop, up from 46% in Q3.	↑
II. D) Prevent inappropriate disclosure of sensitive information	% of agencies with privacy reviews consistent with the Open Data.	Agencies	Q1 FY14 – 84%	100%	Quarterly	84% of agencies are compliant, the same as last quarter.	--
II. E) Assign roles & responsibilities to strengthen the culture of data management and data science	Y/N—Is there a Chief Technology Officer, Chief Data Officer, or other senior staff position assigned responsibility for data management and release?	Agencies/IDC	Q2 FY15 – 81%	100%	Quarterly	88% have position responsible for data management and release, same as last quarter.	--
	% of agencies who publicly assign points of contact for open data issues	Agencies/IDC	Q1 2015 – 96%	100%	Quarterly	95% of agencies have identified POCs, same as last quarter	--

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 make open and machine readable 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, CIO, and GSA 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	Non-governmental open data Q&A site frequented by federal open data stakeholders.
Open Data 500	Non-governmental study conducted by GovLab at New York University, documenting 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.

Resources (cont.)

Resource	Description
U.S. Open Data Institute	Non-governmental organization that partners with government agencies to help them release data sets and engage users.
The Center for Open Data Enterprise	Nonprofit organization with a mission to help develop smarter open data strategies for government, businesses, and other nonprofits by focusing on data users.
Let Me Get That Data For You	A free, open source tool that quickly and automatically creates a machine-readable inventory of all the data files found on a given website.
U.S. Public Participation Playbook	A resource created by and for government managers to effectively evaluate and build better services through public participation using best practices and performance metrics.

Contributing programs

The White House

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

General Services Administration

- [18F](#)
- [Data.gov](#)
- [Presidential Innovation Fellows](#)

Acronyms

- **API – Application Program Interface**
- **CAP – Cross Agency Priority**
- **CDAC – Commerce Data Advisory Council**
- **CEO – Chief Executive Officer**
- **CFO Act – Chief Financial Officers Act**
- **CIO – Chief Information Officer**
- **CTO – Chief Technology Officer**
- **DAP – Digital Analytics Program**
- **DOC – Department of Commerce**
- **DOI – Department of the Interior**
- **ED – Department of Education**
- **EDI - Enterprise Data Inventory**
- **FOIA – Freedom of Information Act**
- **GSA – General Services Administration**
- **IDC – Integrated Data Collection**
- **KPI – Key Performance Indicator**
- **N/A – Not Available**
- **OMB – Office of Management and Budget**
- **OSTP – Office of Science and Technology Policy**
- **PIA – Privacy Impact Statement**
- **PDL – Public Data Listing**
- **SSA – Social Security Administration**
- **SORN – System of Record Notice**
- **USDA – United States Department of Agriculture**
- **VA – Department of Veterans Affairs**