

# Cross Agency Priority Goal

## Quarterly Progress Update

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### Open Data

Goal Leaders:

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FY2016 Quarter 2

## Goal Statement

- Fuel entrepreneurship and innovation, and improve government efficiency and effectiveness by unlocking the value of government data; 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

- **Cross-Agency Priority Goal Deep Dive:** Goal leaders and Agency stakeholders participated in a Deep Dive with the Senior Advisor to the OMB Director in February 2016. After a review of current progress, several actions were agreed upon that are reflected in this Quarter's report:
  - **Re-frame the CAP Goal** and metrics to focus more broadly on enterprise data governance; communicate the message that Open Data is an output of good data management and critical to success in areas like cybersecurity, customer service, and internal data-driven decision making.
  - **Drive Compliance** with the Open Data Policy and CAP Goal metrics, including Enterprise Data Inventory completeness.
  - **Build Agency Capacity:** baseline data governance maturity at six selected Agencies (Commerce, Interior, EPA, Labor, USDA, and State). Begin a community of practice around data governance; realign CAP metrics to better capture data governance and baseline data governance maturity at each agency.
  - **Identify use and impact measures:** develop measures around interagency sharing, internal efficiency, and engagement efforts.
- **Project Open Data Dashboard Reviews.** As is done each quarter, the White House Office of Management and Budget (OMB) has evaluated the 24 CFO Act agencies on their Open Data Policy progress on the [Project Open Data Dashboard](#), and follows up with agencies to discuss progress.

## Tools & Collaboration

- **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. Beginning in Q2 (January 1<sup>st</sup> – March 31<sup>st</sup>, 2016), and continuing once a quarter, the meeting is opened up to the public Open Data community.

# 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:

- Between January and March 2016, The Police Data Initiative expanded to 50 total communities, adding 20 new cities to the mission of increasing transparency and building community trust through open police data at the local level.
- On February 25, the White House hosted a Precision Medicine Summit for two-way public engagement and released the draft Data Security Policy Principles and Framework for the Precision Medicine Initiative — a document developed through an interagency process and informed by a series of roundtables with security experts from private industry and academia and a review of existing data security resources, relevant to open data and responsible data management in the health sector. Between February 25 through March 25, the White House collected public input before releasing a final document in spring 2016.
- On February 26-28, the Celebrating Cities hackathon leveraged Department of Transportation data to build an app to help residents of Baltimore and Washington, DC to triangulate affordable rental housing to reduce commuting times to work, home and school.
- U.S. CTO Megan Smith delivered an Open Data Day [video message](#) (March 5) and encouraged participation in Open Data Day DC, two days of interactive workshops about open data technology and policy, including a full-day hackathon session to build open data prototypes.
- On March 22, USDA hosted the Open Data Summer Camp Open House. This camp, for students ages 12-17, aims to introduce a new generation to USDA and Open Data. This year's camp will run from July to early August, focusing on Urban Agriculture, Forestry, and Food Safety.
- Open Data Roundtables: <https://www.data.gov/open-data-roundtables/> Invite-only, closed press gatherings for information exchange and **hands-on workshop exercises** with leading industry, academic, non-profit, and government open data leaders to identify case studies, lessons learned, and best practices in open data across the Federal government. Open Data Roundtables outputs will inform National Open Data Guidelines to satisfy Open Government National Action Plan 3.0 commitments, while supporting the Federal goal to responsibly unleash government data for the benefit of the American public and maximize the nation's return on its investment in data.
- **See more events at [Data.gov/Events](#)**

# Action Plan Summary

Sub-Goal	Major Actions to Achieve Impact	Key Indicators
<b>I. Fuel economic growth and Innovation through increased use of USG Open Data</b>	<ul style="list-style-type: none"><li>• 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.)</li><li>• Fueling the external open data ecosystem and feedback cycle (e.g., Data Jams, datapaloozas, code-a-thons, incentive prizes, roundtables, etc.)</li><li>• Developing central tools and support for agencies and innovators (e.g., Project Open Data, data.gov, API management tools, etc.)</li></ul>	<p><b>Increase in external organizations using open government data, as indicated by:</b></p> <ul style="list-style-type: none"><li>• Usage statistics from Data.gov</li><li>• Passive identification by agencies (e.g., repeat visitors to agency data website)</li><li>• Proactive identification by agencies (e.g., organizations that cite government data usage)</li><li>• Digital Analytics Program (DAP) usage metrics</li><li>• Reports from <a href="https://data.gov/impact/">data.gov/impact/</a></li></ul> <p><b>Increased value and outcomes for external entities using government data</b></p> <ul style="list-style-type: none"><li>• 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.</li></ul>

# Action Plan Summary (cont.)

Sub-Goal	Major Actions to Achieve Impact	Key Indicators
<b>II. Make open and machine-readable the new default for all government information</b>	<p>Implementing the Open Data Policy &amp; Executive Order at each agency:</p> <ul style="list-style-type: none"> <li>• Develop and maintain an enterprise data inventory</li> <li>• Make data discoverable to the public</li> <li>• Prioritize and release valuable data through public engagement</li> <li>• Prevent inappropriate disclosure of sensitive information</li> <li>• <del>Assign roles and responsibilities to strengthen the culture of data management</del></li> <li>• Strengthen data governance in order to improve data quality, adopt and enforce data standards, and ensure data security.</li> </ul>	<p><b>Develop and maintain an Enterprise Data Inventory</b></p> <ul style="list-style-type: none"> <li>• % of bureaus and programs in the agency which have data sets represented in the Enterprise Data Inventory.</li> </ul> <p><b>Make data discoverable to the public</b></p> <ul style="list-style-type: none"> <li>• % of data sets included in the Public Data Listing that have a downloadable URL where the public can access the data.</li> <li>• % of agencies reaching 100% valid metadata.</li> <li>• % of agencies reaching metadata quality goals (working URLs, file format matches metadata, machine-readable).</li> </ul> <p><b>Prioritize and release valuable data through public engagement</b></p> <ul style="list-style-type: none"> <li>• % of agencies with a transparent 2-way feedback mechanism for data prioritization.</li> <li>• % of agencies that report one Open Data event per quarter on data.gov/events.</li> </ul> <p><b>Prevent inappropriate disclosure of sensitive information</b></p> <ul style="list-style-type: none"> <li>• % of agencies with privacy reviews consistent with the Open Data policy.</li> </ul> <p><b>Strengthen data governance in order to improve data quality, and adopt and enforce data standards, and ensure data security</b></p> <ul style="list-style-type: none"> <li>• % of agencies with data governance policies.</li> <li>• % of agencies with a Chief Data Officer.</li> </ul>

# 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.	<del>5/2015</del> 11/2016	Missed	OMB, Agencies	As of May 31 <sup>st</sup> , 2015 all Agencies are <b>required</b> to include information on non-public data in their Public Data Listing (PDL) and publish their EDIs on a regular basis. As of Q2 2016 (February 28 <sup>th</sup> , 2016), only 5 of 24 Agencies published a high quality EDI and made substantial progress on EDI completeness. Seven agencies have minor deficiencies; 12 either did not provide an EDI or had serious deficiencies. See <a href="https://labs.data.gov/dashboard/offices">https://labs.data.gov/dashboard/offices</a> .
Incorporate refreshed Open Data CAP Goal metrics into PortfolioStat sessions	<del>5/2015</del> 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.	<del>8/2015</del> 11/2016	At Risk	OMB, Agencies	As of February 29 <sup>th</sup> , 2016, 66.65% of Agency datasets included 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
Add additional functionality to data.gov to allow data users to input feedback on how they have used the dataset (use and impact)	June 2016	New	GSA	This additional feedback mechanism can provide proxy information on use and impact of Open Data.
Revamp the data.gov/impact page to highlight use cases from Agencies	June 2016	New	GSA	Once this is complete, the CAP Goal will add a new metric for Agencies to report on use & impact of their data.
Collect information from Agencies on existing inter-Agency data sharing	June 2016	New	OMB	This request has been added to the Interagency Data Collection for May 2016.
Explore available options to improve customer service around Open Data for Agencies to gather better information around quality of their data	September 2016	New	OMB, DOT	Not all 24 CFO Agencies regularly seek customer feedback on their data. Currently, users can report a data issue on data.gov but better customer service metrics regarding user satisfaction with USG Open Data would provide Agencies with valuable information to improve data quality.



# 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	More than half of the 44 datasets (65%) 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.
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: <a href="http://www.performance.gov/content/open-data?view=public#progress-update">http://www.performance.gov/content/open-data?view=public#progress-update</a>
Set up quarterly Goal Leader meetings	Ongoing	On Track	PIC, OMB	A deep dive was held in February 2016 to review and advance Open Data CAP goals.
Develop a more compelling value proposition for all Agencies to engage on Open Data	6/2016	On track	OMB, OSTP, DOT	OMB, OSTP and DOT will work with key Agency data leaders to revise CAP Goal metrics to include information management and data governance.
Focused outreach to Agencies	6/2016	Ongoing	OMB, CIO/CDO	OFCIO met with CIO and data officers at six Agencies (USDA, Commerce, Interior, Labor, State, and the Environmental Protection Agency) for deep dive meetings to discuss progress on CAP metrics and develop pilot activities for Q3.
Reframe CAP goal to prioritize data governance and government efficiency	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.)

Milestone Summary				
Key Milestones	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 June 2016	Complete	OMB, GSA	Updates can be tracked here: <a href="https://github.com/project-open-data/project-open-data-dashboard/issues">https://github.com/project-open-data/project-open-data-dashboard/issues</a> . This milestone has been completed will be removed next quarter.
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: <a href="https://github.com/project-open-data/project-open-data-dashboard/issues">https://github.com/project-open-data/project-open-data-dashboard/issues</a>
Host four 2016 Open Data Roundtables with deep-dives on priority topics	March-June 2016	On Track	OSTP	See <a href="http://data.gov/open-data-roundtables/">data.gov/open-data-roundtables/</a>
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.
Lead Open Data Working Group	Ongoing	Ongoing	OMB, OSTP, GSA	See <a href="https://project-open-data.cio.gov/working-group/">https://project-open-data.cio.gov/working-group/</a> .
Open Data Quarterly Meetings open to stakeholders	Ongoing	Ongoing	OMB, OSTP	
Open Data Palooza Data Summit	September 28-29, 2016	On Track	OSTP	Public showcase of open data; opportunity for National Open Data Guidelines to be released and 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 February 2016, 83% of agencies (20 agencies) provided a narrative evidence of open data impacts for this quarter.	↓
	% increase in usage statistics on data views from <a href="https://data.gov">Data.gov</a>	Data.gov	Q1 FY15 - 201,432 views	500,000 views/month	Quarterly	Views in Q1 FY16: 524,568 Views in Q2 FY16: 540,806 Percentage growth: 3%	↑
	% of agencies with Digital Analytics Program (DAP) installed on their <a href="https://agency.gov/data/">agency.gov/data/</a> page to assist in identify data users	GSA DAP data	Q2 FY15 - 5 out of 24 (21%)	100%	Quarterly	As of May 2016, 54% of agencies (13 agencies) have DAP installed on their [agency].gov/data page.	↑
	# of additional usage reports on <a href="https://data.gov/impact/">Data.gov/impact/</a>	<a href="https://data.gov/impact/">Data.gov/impact/</a>	Q1 2015 - 20 reports	1 per quarter	Quarterly	This metric is being renewed, and GSA will revamp the /impact page, with a new baseline beginning in Q3.	--

# 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	As of February 2016 (Milestone 10), 89% of bureaus were represented and 38% of programs were represented.	<div>↓ (bureaus)</div> <div>↑ (programs)</div>

# 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	81% of datasets have a downloadable URL as of February 29 <sup>th</sup> , 2016 (Milestone 10), down from 95% in Q1 FY16.	↓
	% of working download URLs (accessible links)	Agency PDL	Q2 2015 – 78%	100%	Quarterly	43% of download URLs were accessible as of February 29 <sup>th</sup> , 2016.	↓
	% of downloads <b>that are not</b> in HTML format (machine-readability measure)	Agency PDL	Q2 2015 – 70%	100%	Quarterly	In February 2016 (Milestone 10), 17% of downloads were in HTML format, down from 37% in Q1. (arrow indicates positive result on trend).	↑
	% of downloads <b>that are not</b> in PDF format (machine-readability measure)	Agency PDL	Q2 2015 – 87%	100%	Quarterly	In February 2016 (Milestone 10), 13% of downloads were in PDF format. OMB will work with Agencies to reduce number, up from 3% in Q1. (arrow indicates negative result on trend).	↓

# 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 February 2016, 46% of agencies have demonstrated 2-way feedback loop.	↓
	% of agencies that report one Open Data event per quarter on data.gov/events	Data.gov	Q2 FY16 -	24 events per quarter	Quarterly	This metric will be measured 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	96% of agencies are compliant.	↑
II. E) Strengthen data governance in order to improve data quality and adopt and enforce data standards	% of agencies with data governance policies	Agencies/IDC	Q3 FY16			To be reported next quarter	
	% of agencies with a Chief Data Officer	Agencies/IDC	Q3 FY16			To be reported next quarter	

# Resources

Resource	Description
<a href="#">Executive Order 13642—Making Open and Machine Readable the New Default for Government Information</a>	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.
<a href="#">M-13-13—Open Data Policy—Managing Information as an Asset</a>	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.
<a href="#">Supplemental Guidance on the Implementation of M-13-13</a>	Guidance to provide additional clarification and detailed requirements to assist agencies in carrying out the Open Data Policy.
<a href="#">Open Government Directive</a>	The Open Government Directive calls on government agencies to make information available to improve transparency.
<a href="#">Data.gov</a>	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.
<a href="#">Project Open Data</a>	Free open source tools, case studies, and best practices designed to help agencies improve open data management, release data, and host events.
<a href="#">Project Open Data Dashboard</a>	Dashboard of agency progress in implementation of the Open Data Policy, including evaluations from OMB.
<a href="#">Open Data Biweekly Meeting and Listserv</a>	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 <a href="mailto:listserv@listserv.gsa.gov">listserv@listserv.gsa.gov</a> (the message should have no subject and the body should say "subscribe open-data").
<a href="#">U.S. Digital Services Playbook</a>	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.

# Contributing programs

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## 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**