



WaTech
Washington Technology Solutions

Open Data

Policy, Metadata Standard, Guidance

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Open Data [Initiative](#)
Open Data [Advisory Group](#)

Open Data Program Manager
A project of OCIO
Stakeholder group of 15+ agencies

Background: What is Open Data?

- Public information -- information that can be or currently is released to the public.
- Valuable when it is used - by citizens, agencies, civic groups or private companies.
- Should be accessible, accurate and authoritative.

The History

- White House Open Data [Executive Order](#) – May 09, 2013
 - Within 30 days of the issuance of the Open Data Policy, the CIO and CTO shall publish an open online repository of tools and best practices to assist agencies in integrating the Open Data Policy into their operations
 - Within 180 days of the date of this order, agencies shall report progress on the implementation of the CAP Goal to the CPO. Thereafter, agencies shall report progress quarterly, and as appropriate.
 - Result: [data.gov](#)

The History

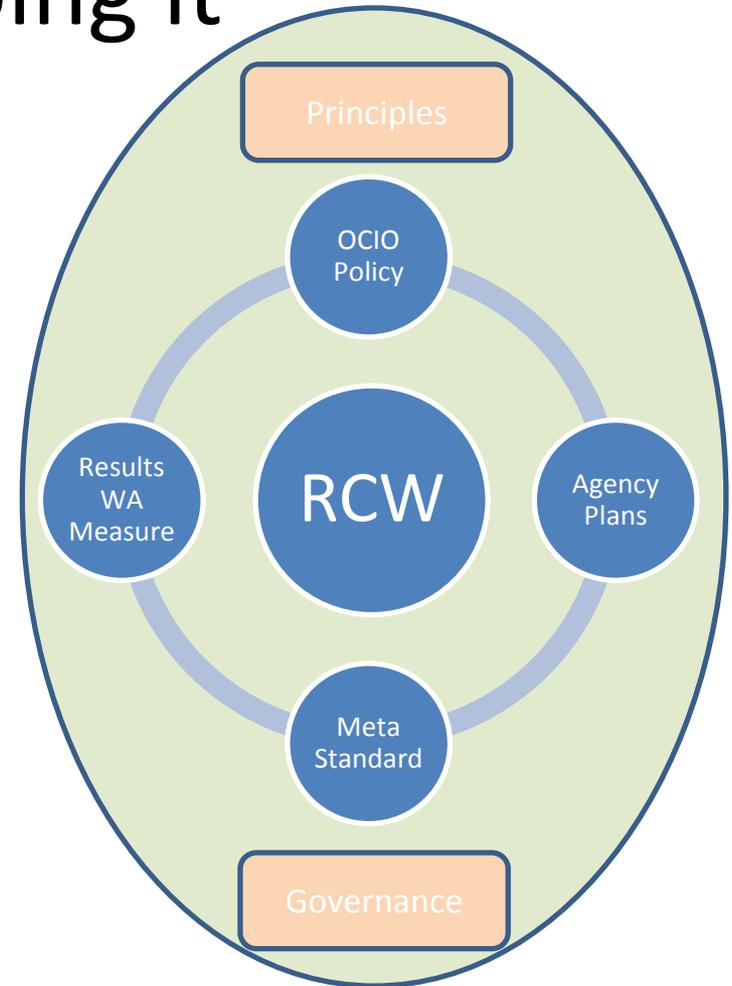
- House Bill [2202](#) (2014)
 - The chief information officer shall coordinate implementation and expansion of an open data portal
 - Public data sets already available in an open format on an existing state government data portal need not be separately uploaded if they are readily accessible, searchable, and discoverable
 - Within ninety days of the effective date of this section, the [CIO's] office shall publish draft uniform standards for the open format of data
 - Within thirty days of the effective date of this section, each agency shall designate a data officer
 - Within fifteen months of the effective date of this section, each agency shall provide to the office a proposed compliance plan

Why Do Open Data?

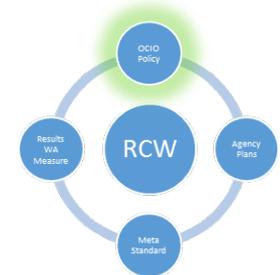
- Small Agencies do Big Things
- Economic Development
- Public Records
- Results WA

How We're Doing it

- Sustainable and Progressive
- “Within existing resources”
- Within existing legislation
- Federated – platform agnostic



Open Data Policy

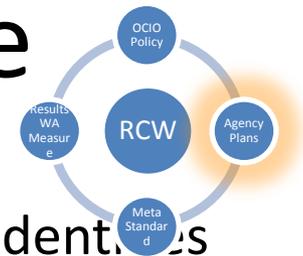


- Developed by the Open Data Advisory Group
- Drafted by Will Saunders (OCIO)
- Reviewed by the CIO community (See Comments Summary)
- Intent: interpret current law to make it feasibly achievable
- Principal provisions:
 - Agencies must have a plan for open data updated annually
 - The plan must contain measurable commitments:
 - Coordinate technology planning across agency boundaries
 - Determine which information the public most wants and needs
 - Agencies must report progress to / through OCIO
 - OCIO will convene Advisory Group

Advisory Group included:

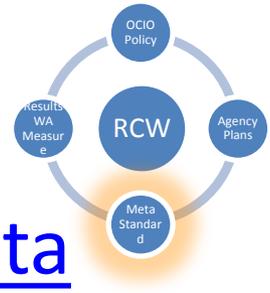
- Transportation
- Attorney General
- Health
- Early Learning
- Revenue
- Licensing
- Public Disclosure

Open Data Plan Guidance



- Examples of commitments
 - The agency has and will maintain a data catalog that identifies the category of data held in agency databases – aiding agency staff in determining the appropriate level of public access.
 - The agency will publish a data appendix for each of its legislative reports that cites statistics or maps in support of the narrative, and will make each data appendix available to the State Library’s Depository program (See [RCW 40.06.030](#)) in searchable, downloadable and machine-readable form.
 - The agency’s webmaster will track and monthly publish the number of “hits” on select agency web pages, along with the page’s title and the name of an agency staff person who worked on the page.

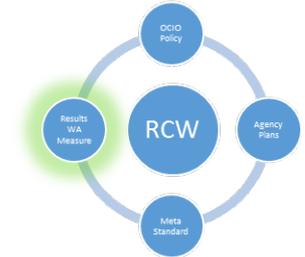
Metadata Standard



- Developed from the [Geospatial Apps data standard](#)
- Based on Dublin Core

Element	Description	Format/Example
Title	The name given to the service or resource	Format: Character Example: Water Rights Applications
Abstract	An account, description or overview of the service or resource	Format: Character Example: Pending Water Right Applications in Washington State. Includes both applications for new water rights and to change existing water rights.
Service URL	Standard web address to access or link to the service or resource.	Format: Character Example: https://data.wa.gov/Natural-Resources-Environment/Water-Right-Applications/9ubz-5r4b

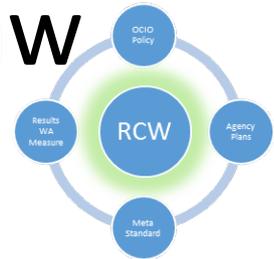
Results WA Measure



- Open Data Impact:
 - 1 million trusted impressions by June 2016
 - Trusted impressions are impressions received from a source with whom the citizen has a relationship - such as a membership, an account, a subscription. This excludes anonymous hits on a web page, web bots, newspapers on a stand, etc.
- What we are doing:
 - Collecting user stories to better understand how state data becomes part of valuable products and services
 - Surveying membership of partner organizations to better understand the number of users of open data and the offerings derived from open data
 - Studying information resources that would enable us to improve this new measure

Plus this: WA has an Open Data Law

- [RCW 43.41A.125](#) – Electronic Access to Public Records – Planning
 - Within existing resources, state agencies shall plan for and implement processes for making information available electronically.
 - Public demand and agencies' missions and goals shall drive the selection and priorities for government information to be made available electronically.
 - When planning for increased public electronic access, agencies should determine what information the public wants and needs most.
 - Widespread public electronic access does not mean that all government information is able to be made available electronically.
- Became law in 1996, based on recommendations of the [Public Information Access Policy Task Force](#) (Sam Hunt (DIS), co-chair)



The Tools

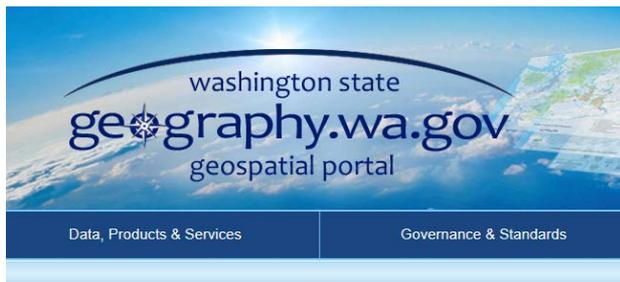
- Data.wa.gov – the general purpose data portal
 - Simple upload, API, multi-purpose
 - Supported 3rd- party service
- Fiscal.wa.gov – the financial portal
 - Budget, checkbook, salaries
 - Report-driven architecture



More Tools

Geography.wa.gov – the geospatial data portal

- ▶ High-value geodata, analysis, maps
- ▶ Community-driven



our purpose

The purpose of geography.wa.gov is to provide access to and promote the use of geospatial data resources in Washington state.

announcements

Orthoimagery Portal Clip N' Ship Application has been retired! Look for new directions on [previous issues of the Geospatial Portal](#).

Business.wa.gov – business one stop

- 27 agencies (5 principal)
- Architecture is API-based

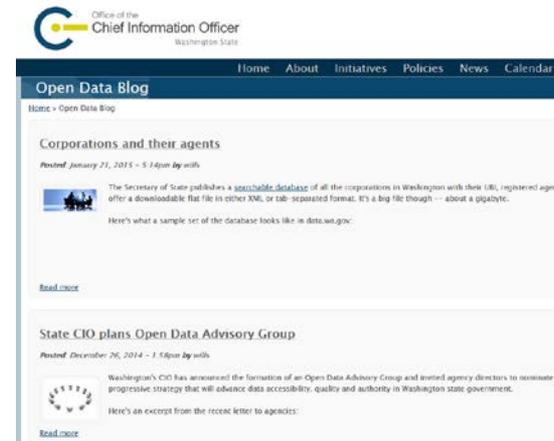
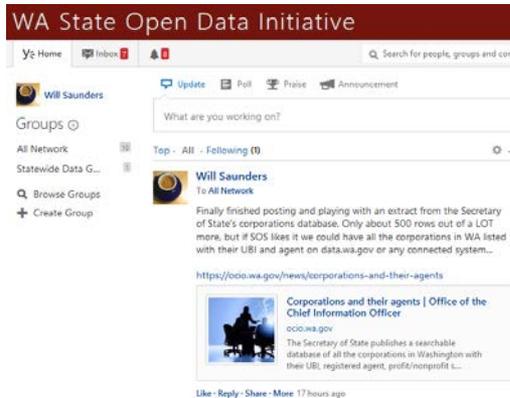


Communities of Practice



More info

- For tech folks: Open Data Initiative Yammer community.
 - Daily updates, discussion, links
- For leadership and the public: OCIO website
 - Success stories, policy, stds.



New OCIO policies

- Open Data [Policy 187](#)
 - Incorporates responses to comments
- Metadata [Standard 187.10](#)
 - Update/Expansion to existing policy
 - Based on Dublin Core
 - Incorporates comments and edits from agencies
- Open Data [Planning](#) & [Publishing](#) Guidance
 - Incorporates revised instructions on use

Questions/Comments?



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