



DEPARTMENT OF
INFORMATION TECHNOLOGY

Council on Open Data Briefing House Government Operations Subcommittee

Greg Urban, Deputy Secretary
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History of legislation executive orders

- 2014 legislation ([SB644 & HB1260](#)) resulted in State Government [§10–1501 to §10–1504](#)
- Created Council on Open Data
- Superseded/combined two existing Executive Orders:
 - Executive Order 01.01.2012.04, One Maryland – One Map: Maryland Integrated Map.
 - Executive Order 01.01.2012.18, Maryland’s Open Data Initiative.

Council Membership

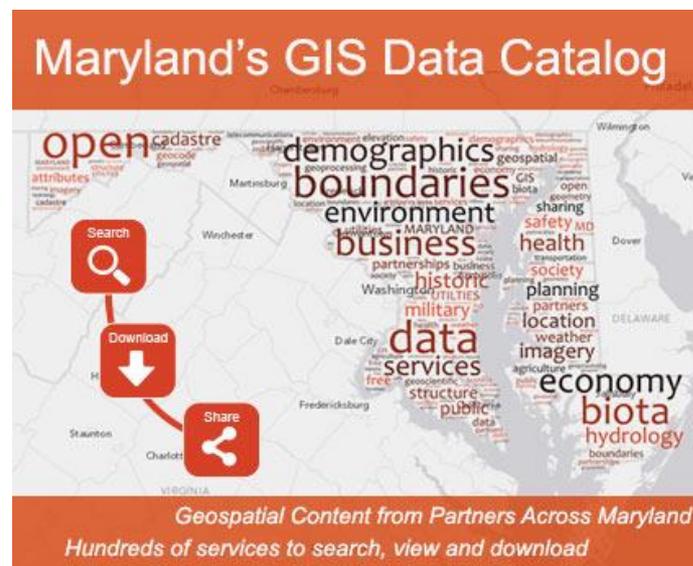
- Chair: Secretary of Information Technology
- Vice Chair: Director of State Stat
- 2 legislators
 - Delegate Bonnie Collison
 - Senator Bill Ferguson
- 23 representatives of state agencies, secretary or designee
- 5 five elected officials or employees from local entities who have knowledge of and interest in open data
- 5 from the private, private utility, academic, or nonprofit sectors who have knowledge of and interest in open data

Established State policy

“IT IS THE POLICY OF THE STATE THAT **OPEN DATA** BE MACHINE READABLE AND RELEASED TO THE PUBLIC IN WAYS THAT MAKE THE DATA EASY TO FIND, ACCESSIBLE, AND USABLE, INCLUDING THROUGH THE USE OF OPEN DATA PORTALS.”



<http://data.maryland.gov>



<http://imap.data.maryland.gov>

Portals



data.maryland.gov

Welcome to data.maryland.gov, Maryland's Open Data Portal. This site is a central location for Maryland's public data, increasing government transparency and accountability by providing Marylanders with an unprecedented level of access to their state government.

MARYLAND: #1 in the U.S. for our commitment to Open Data

Source: *Crain's* for Data Innovation

Search Payments Made by State Agencies in FY14

This dataset shows payments made by state agencies in FY2014 which were \$25,000 or more. All parties receiving funds are shown: private businesses, local governments, non-profit organizations, and individuals.

Compare Tax Rates by County

Think you're paying too much in taxes? Compare your county's income, personal and business tax rates with other Maryland counties.

Find EV Charging Stations Along Your Route

Find an Electric Vehicle Charging Station or Alternative Fuel Station in your neighborhood.

Find Registered Minority Business Enterprises

Find a certified Minority Business Enterprise to partner with on your next project and help Maryland reach our 29% MBE goal.



GIS Data Categories

Agriculture

Biota

Boundaries

Business Economy

Demographics

Elevation

Environment

Geoscientific

Health

Historic

Hydrology

Imagery

Location

Planning Cadastre

Public Safety

Society

Structure

Transportation

Utility

Weather

Search & Browse Datasets and Views

Name	Popularity	Type	RSS
Reported Sewer Overflows Reported sewer overflows from January 2005 through January 12, 2015. Although MDE requires that all public sewer system owners or operators report overflows to us, there may be incidents that were not reported. Note that overflow amounts provided by the person reporting the overflow may be estimated using best professional judgment or they may be actual readings from flow measurement devices when available. Penalty information started during 2013.	42,483 views		
Violent Crime and Homicide by Year: Line Chart This dataset shows violent crime and homicide totals by year. Data are provided by MSAC.	4,877 views		
Robbery & Aggravated Assault: Line Chart This chart shows robbery and aggravated assault totals from 1975 to present. The data are provided are MSAC's raw crime data. Finalized 2012 data will be available in mid-2013.	3,643 views		
Violent Crime Totals by Year: Line Chart This chart shows violent crime totals from 1975 to present. The data are provided are MSAC's raw crime data. Finalized 2012 data will be available in mid-2013.	3,637 views		

<http://data.maryland.gov>

<http://data.imap.maryland.gov>

Maps

Legend About Layers

Legend

Planned Construction (CHART)

Traffic Incidents (CHART)

Traffic Cameras (CHART)

Live Traffic

North America
North America Traffic

Live Traffic

- Stop and Go
- Slow
- Moderate
- Free Flow

Power Outages (Real Time)

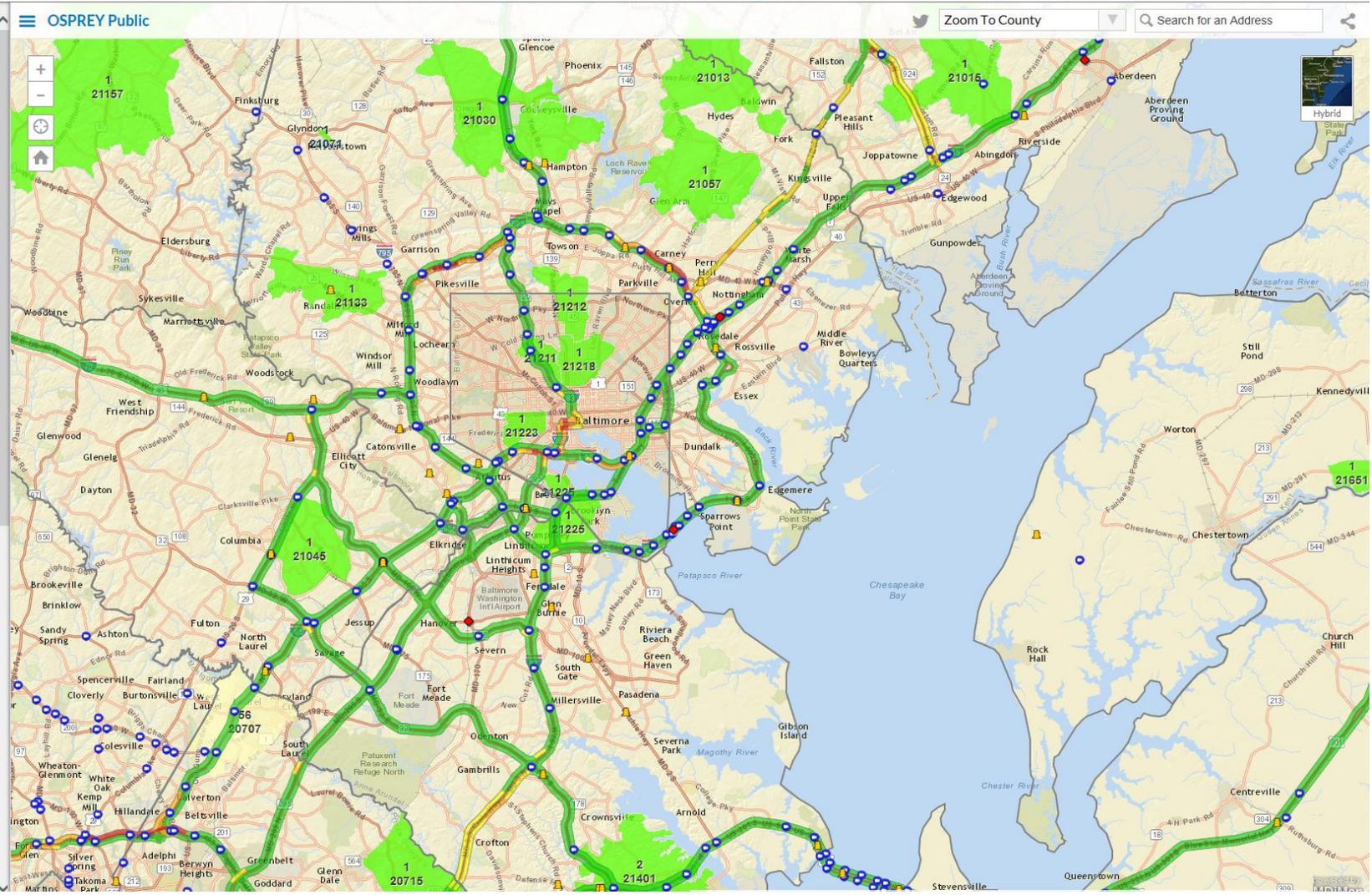
Power Outages by Zip Code

- 1 - 49
- 50 - 99
- 100 - 299
- 300 - 799
- 800 - 1,499
- 1,500 - 2,499
- 2,500 - 4,999
- 5,000 and Above

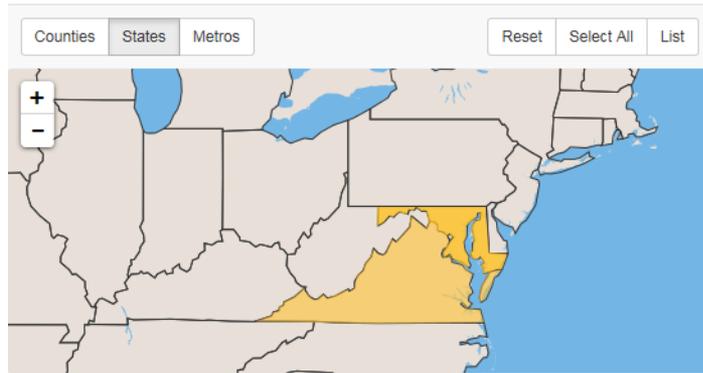
Weather Alerts (NOAA)

Weather Warnings (NOAA)

- Blizzard Warning
- Coastal Flood Warning
- Excessive Heat Warning
- Flash Flood Warning
- Flood Warning
- Freeze Warning



Dashboards



Compare Maryland with the other states and the District of Columbia on a variety of factors relevant to economic development. Maryland ranks among the top states in a number of business-significant factors, including income, college education, and professional and technical workers. The State also offers an excellent quality of life at a reasonable living cost.

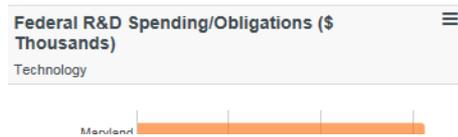
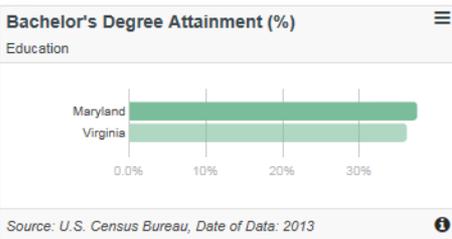
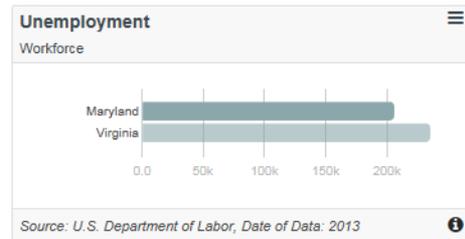
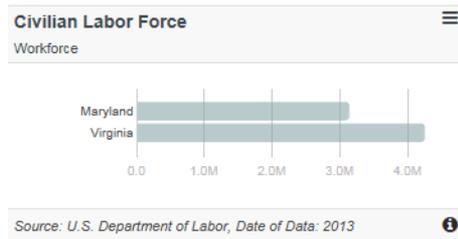
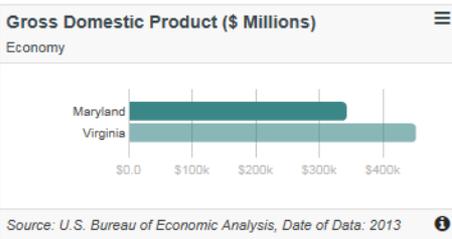
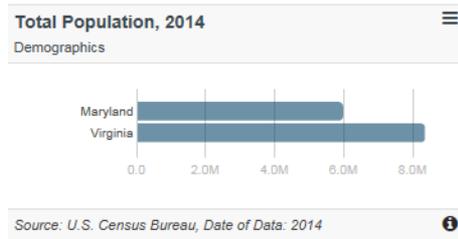
Choose a set of statistics:

- Overview
- Demographics
- Education
- Business Support
- Economy
- Quality of Life
- Taxes
- Technology
- Utilities
- Workforce

Maryland ranks second among the states in the percentage of professional and technical workers in the workforce.

Chart Tools

View Table Download All



Defined “Data”

(1) "Data" means final versions of statistical or factual information that:

(i) are in **alphanumeric or geospatial** form reflected in a list, table, graph, chart, map, or other **nonnarrative** format that can be digitally transmitted or processed;

(ii) are **regularly created or maintained** by or on behalf of a governmental entity; and

(iii) record a measurement, transaction or determination or provide information on government services, initiatives, and resources related to the mission of the covered governmental entity.

(2) "Data" **does not include draft versions** of statistical or factual information that are used for internal analysis by a governmental entity.

* The policy doesn't apply to all data, only that subset that is "Open Data."

Defined “Open Data”

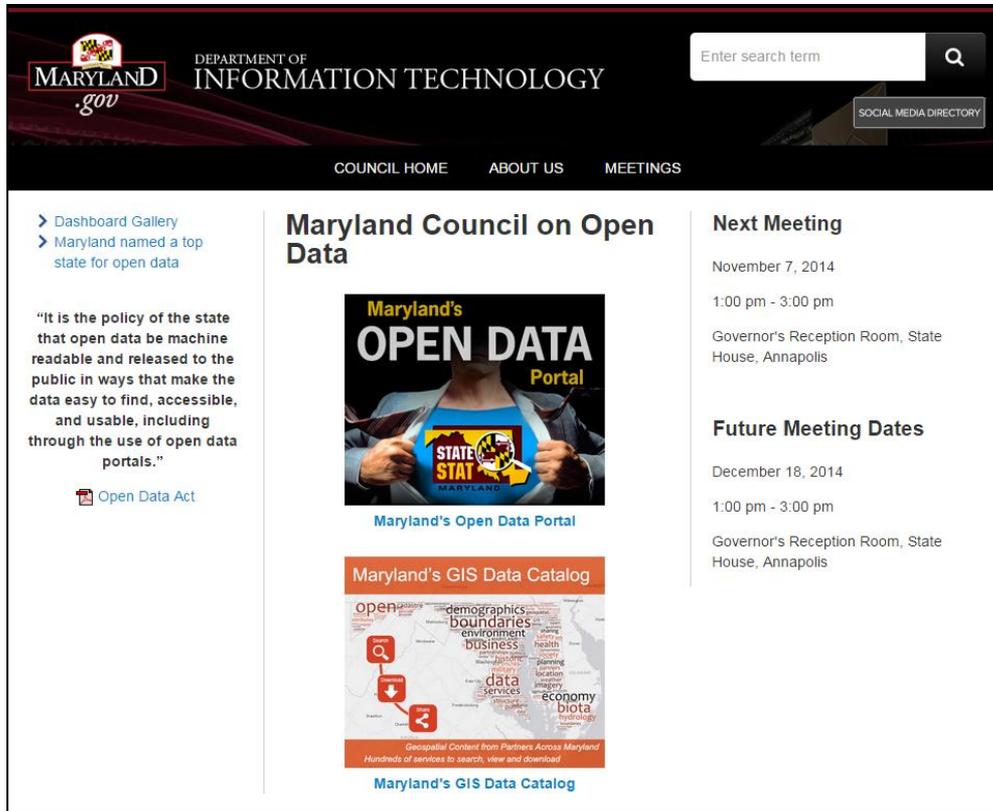
“Open data” is all “data” except where if made public the “data” would:

- violate another law or regulation that prohibits the data from being made public;
- endanger the public health, safety, or welfare;
- hinder the operation of government, including criminal and civil investigations;
- impose an undue financial, operational, or administrative burden on a State entity; or
- disclose proprietary or confidential information.

Duties of the Council

1. ...when appropriate recommend legislation and regulations;
2. coordinate the appropriate staff at each State entity for the development, maintenance, and use of open data ...;
3. identify the collective cost of operating and investing in open data and funding mechanisms to support open data;... and advise ... on budget matters related to open data;
4. encourage local entities and the legislative and judicial branches to participate in open data;
5. plan for providing all open data to the public at no cost;
6. advocate for sound records management...; and
7. recommend standards to ensure purchase of open capable systems.

Council Activities

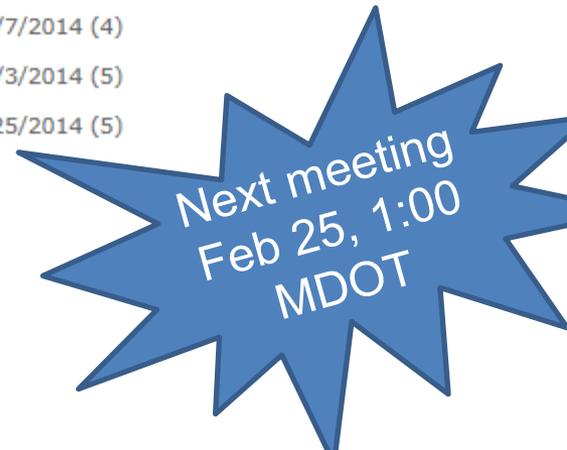


The screenshot shows the website's navigation menu with 'COUNCIL HOME', 'ABOUT US', and 'MEETINGS'. The main content area features a 'Maryland Council on Open Data' section with a quote: "It is the policy of the state that open data be machine readable and released to the public in ways that make the data easy to find, accessible, and usable, including through the use of open data portals." Below this are links for 'Open Data Act', 'Maryland's Open Data Portal', and 'Maryland's GIS Data Catalog'. A 'Next Meeting' section lists a meeting on November 7, 2014, at 1:00 pm - 3:00 pm in the Governor's Reception Room, State House, Annapolis. A 'Future Meeting Dates' section lists a meeting on December 18, 2014, at 1:00 pm - 3:00 pm in the same location.

<http://doit.maryland.gov/opendatacouncil>

Meeting Documents

Type	Doc Title	File Size
MEETING DATE : 12/18/2014 (5)		
	Executive Briefing Memo	104 KB
	Agenda	39 KB
	Presentation	1024 KB
	Sign-In Sheet	673 KB
	Minutes	88 KB
MEETING DATE : 11/7/2014 (4)		
MEETING DATE : 10/3/2014 (5)		
MEETING DATE : 8/25/2014 (5)		





DEPARTMENT OF
INFORMATION TECHNOLOGY



ANNUAL REPORT FINDINGS RECOMMENDATIONS

State Government Section 10-901 through 10-905 Automated Mapping

http://mgaleg.maryland.gov/2015RS/Statute_Web/gsg/10-901.pdf

1992 statute with the goal of sustainably funding the first generation of digital maps.

- “Governmental units may charge ... “a reasonable share of the overhead costs of the system.”
- “Only a person who has entered into a contract with a governmental unit may have on-line access to the geographic data in a system under the terms of the contract.”

10-901 through 10-905 Automated Mapping

Findings

- Raised cost and lowered velocity of geo data
- Inconsistent Open Data law
 - discourages free online data
 - treats alphanumeric and geographic data unequally
- Contracts have real and opportunity costs
- Revenue from data sales down
- Government entities still provide physical products

Recommendations

- Revoke the authority to recoup the overhead cost
- Eliminate contract requirement
- Retain the ability of government to recover cost of distributing of CDs and paper

[SB94](#) Ferguson, Madaleno, Manno, Montgomery, Raskin, and Young

Status of Executive Orders

Findings

- Orders 01.01.2012.04 and 01.01.2012.18: these orders helped position Maryland in the [top tier of states](#) working on open data. With passage of the Open Data Act, these orders have been largely codified.
- Panels established are redundant with Open Data Council.

Recommendations

- The Governor should rescind 01.01.2012.04 and 01.01.2012.18

Open data and Open Meetings Nexus

Findings

- Both seek to improve government by making its operation more transparent. A statewide web calendar of open meetings would further cause.
- Arkansas example:
<http://www.arkansas.gov/government/calendar>

Recommendations

- The DoIT and Secretary of State should coordinate so that meetings from Maryland Register also appear on Maryland.gov in calendar form.
- The website should allow for the posting/linking of documents such as agendas and minutes.

Open data and Statewide PIA database

Findings

- PIA metadata: requested, when, what, of whom, status, fees... by whom?
- What PIA requests are common and trending?
- Allow PIA advocates to monitor compliance
- Number & type of requests varies greatly by agency
- Some agencies already track
- Big difference between metadata and data

Recommendations

- None at this time

Statewide Data Inventory

Findings

- Inventory first step to publishing an agency's data
- Assumption is that all data not just open data should be inventoried
- Significant undertaking and more information is needed on cost of inventory and quality likely to be achieved

Recommendations

- DoIT should conduct a pilot with several agencies by June 30. Report back to the Council on quantity, quality, & level of effort.
- DoIT should consolidate this effort with the existing IT master plan process.

Consolidating Open Data Portals

Findings

- Two open data portals (alphanumeric and geospatial), although understandable given the state of technology and their development under separate Executive Orders, is still one portal too many.

Recommendations

- The DoIT should consolidate <http://data.maryland.gov> & <http://imap.maryland.gov> so public users can experience them via a single interface.
- Consolidation or federation would be okay.

Chairs and Staff to Open Data Council

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