

---

# OPEN DATA COUNCIL MEETING 3

## NOVEMBER 7, 2014

# AGENDA

- Notes & announcements
- Possible repeal/modification of Section 10-901 through 10-905 – Comments from
- Report from Public Information Act subcommittee (Barney and Josh Exler)
- Using [data.maryland.gov](http://data.maryland.gov) and [imap.maryland.gov](http://imap.maryland.gov) to make agency web sites more interactive
  - Developing and embedding dashboards – Mike Scott, Salisbury University
  - Developing and embedding maps – Julia Fischer, DoIT
  - Developing and embedding Socrata views – Josh Exler, StatStat
- Creating a Maryland Data Inventory (Barney & Josh)
- Open Discussion

# TRANSITION

- Open Data
- Open Data & MD iMap were executive orders
- Since June they have been part of the open data law
- Work of this Council continues and we will help Governor Hogan

The screenshot shows the Maryland State Board of Elections website. The header includes the Maryland State Board of Elections logo and the text "THE STATE BOARD OF ELECTIONS". Below the header is a search bar and a navigation menu with links for HOME, CAMPAIGN FINANCE, CANDIDACY, ELECTIONS, VOTER REGISTRATION, and VOTING SYSTEM. The main content area is titled "Elections by Year" and lists years from 2014 down to 1983. The "2014" link is highlighted. To the right, there is a section titled "Unofficial 2014 Gubernatorial General Election results for Governor / Lt. Governor". This section includes a "Return to Election Result Index" link, a "Printer Friendly Version" link, and a table of results. The table has columns for Name, Party, Early Voting, Election Day, Absentee / Provisional, Total, and Percentage. The results are as follows:

Name	Party	Early Voting	Election Day	Absentee / Provisional	Total	Percentage
Brown/ Ulman	Democratic	164,219	608,247	6,029	778,495	46.8%
Hogan/ Rutherford	Republican	136,781	710,725	10,052	857,558	51.5%
Quinn/ Gaztanaga	Libertarian	3,424	20,393	305	24,122	1.4%
Smith/ Tucker (Write In)	Democratic	0	1	0	1	0.0%
Tinus/ Richmond (Write In)	Unaffiliated	0	0	0	0	0.0%
Other Write-Ins	N/A	1,168	3,098	29	4,295	0.3%

# POSSIBLE REPEAL

- We have permission to speak freely
- Several state agency and staff of local governments groups provide feedback, in summary:
  - No one objected to removing the ability to charge for the “overhead cost system.”
  - No one object to removing the requirement to enter into a contract/license to provide data online.
  - MDP and others want to be able charge for preparing and providing CD’s and Plots outside of an official PIA request.

# POSSIBLE REPEAL DISCUSSION

- In there other authority that could be used to charge for media?
- Why is the PIA, not sufficient for covering media and prep costs?
- Is there a reason the ability to charge for media should be limited to geospatial data?
- Open discussion

# PIA SUBCOMMITTEE

## Subcommittee's thoughts on building a database of PIA requests

- Reasons such a database would be helpful include:
  - Knowing what PIA are common and trending
  - The Council of Open Data is of great interest to people interested in open PIA and open meetings. This would be something we can do for that constituency.
  - Shouldn't the state be able to tell people how many requests we received and what the status of those requests is?
- The number of PIA requests made to agencies varies greatly.
- Processes also vary DCSCS, and MDE already have internal tracking databases and would want to avoid double entry. These databases are customized to the agencies, for example what MDE subunit was the PIA assigned to.

# PIA SUBCOMMITTEE

## Subcommittee's thoughts on building a database of PIA requests

- There is a big difference between making tracking metadata available and making the information requested available.
  - Only making the data available drives down similar requests.
  - Could just generate the same request again looking for updates
  - Often what is requested is not structured data. It tends to be emails, reports, memos and the like.
  - There are extenuating circumstances. For example sometimes a person of interest can obtain information the public can't.

# PIA SUBCOMMITTEE

- Subcommittee's thoughts on building web forms for public to make requests
  - The would logically come after any internal tracking database.
- Overall comments
  - We should seek input from key user groups such as the Bar Association and Press Association.
  - The sense of the subcommittee was proceed deliberately and with caution.
  - Group liked having a subcommittee to dig into a specific issue

# PIA SUBCOMMITTEE

- Discussion

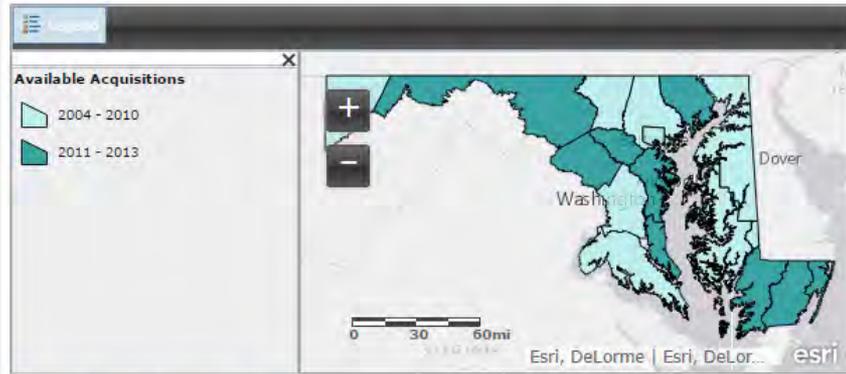
# EMBEDDING CUSTOM DASHBOARDS

- PhD Mike Scott , Salisbury University

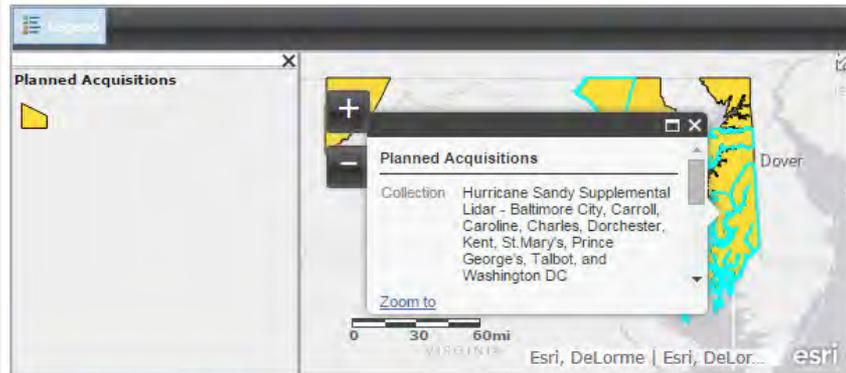
# EXAMPLES OF EMBEDDED MAPS

## Status Maps

Multiple contracts are executed each year to collect and process LIDAR data for areas within Maryland. The Available Acquisitions Status Map displays geographic extent, dates, funding sources and other basic metadata concerning various acquisitions. The Planned Acquisitions Status Map will help interested parties stay informed about new data that will become available in the near future.



[View Larger Available Acquisitions Map](#)



[View Larger Planned Acquisitions Map](#)

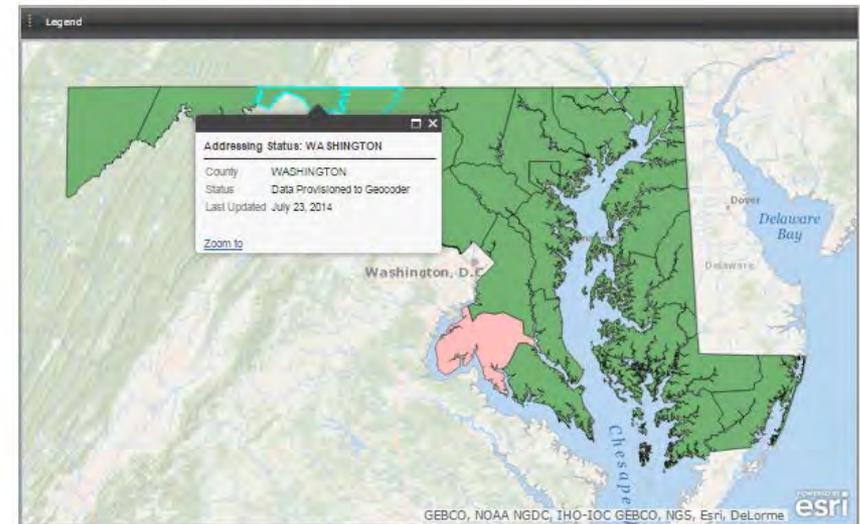
MARYLAND.gov | Home | Data | Maps | Initiatives | Support | Partners

MD iMAP  
MARYLAND'S MAPPING & GIS DATA PORTAL

Enter search term

HOME DASHBOARDS MAPS DATA INITIATIVES INNOVATE SUPPORT PARTNERS

## Phase 2: MSAI Status Map



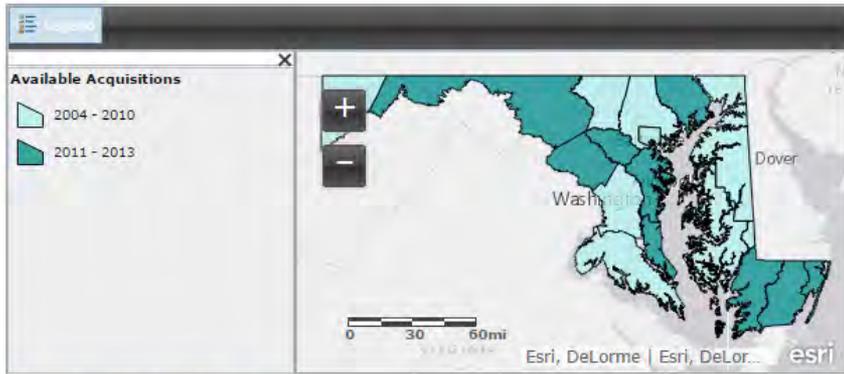
[Contact Us](#) | [Privacy](#) | [Accessibility](#)

45 Calvert Street, Annapolis, MD 21401 | 300-301 West Preston Street, Baltimore, MD 21201  
(877) 634-6361

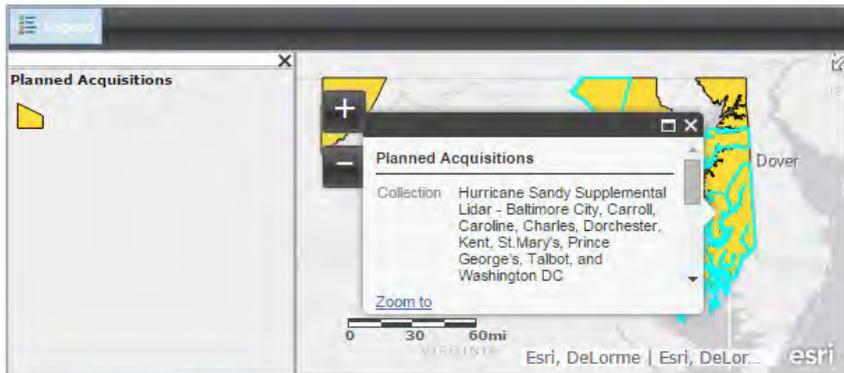
# EXAMPLES OF EMBEDDED MAPS

## Status Maps

Multiple contracts are executed each year to collect and process LIDAR data for areas within Maryland. The Available Acquisitions Status Map displays geographic extent, dates, funding sources and other basic metadata concerning various acquisitions. The Planned Acquisitions Status Map will help interested parties stay informed about new data that will become available in the near future.



[View Larger Available Acquisitions Map](#)



[View Larger Planned Acquisitions Map](#)

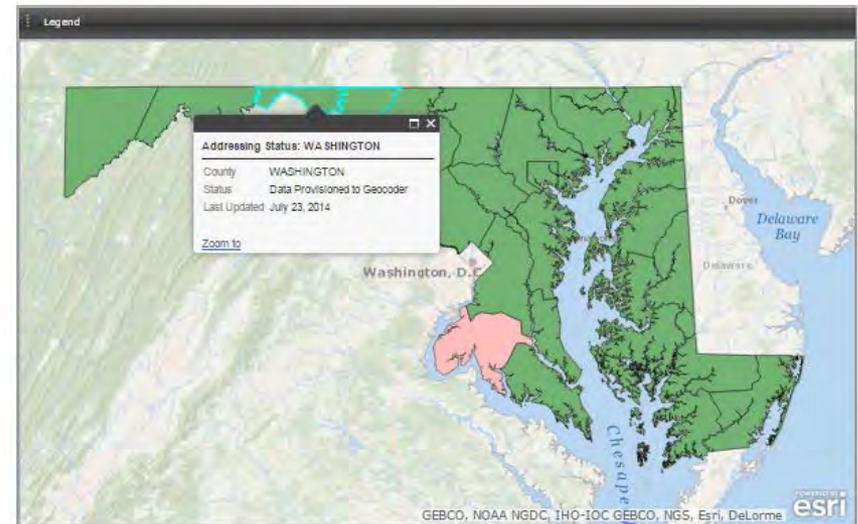
MARYLAND.gov | Home | Data | Maps | Initiatives | Support | Partners

MD iMAP  
MARYLAND'S MAPPING & GIS DATA PORTAL

Enter search term

HOME DASHBOARDS MAPS DATA INITIATIVES INNOVATE SUPPORT PARTNERS

## Phase 2: MSAI Status Map



[Contact Us](#) | [Privacy](#) | [Accessibility](#)

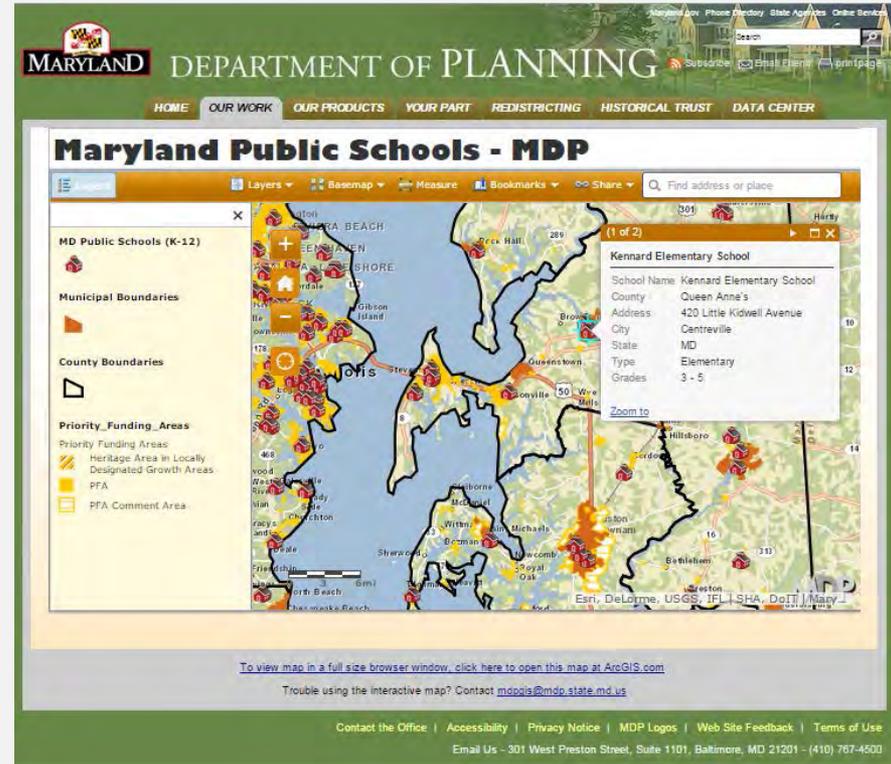
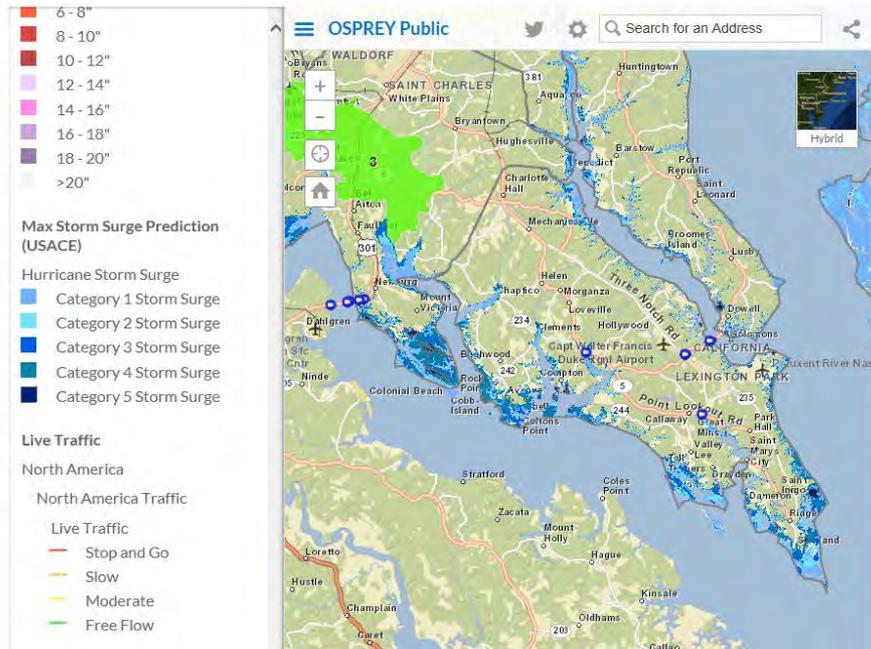
45 Calvert Street, Annapolis, MD 21401 | 300-301 West Preston Street, Baltimore, MD 21201  
(877) 634-6361

# EXAMPLES OF EMBEDDED MAPS



## Osprey Map

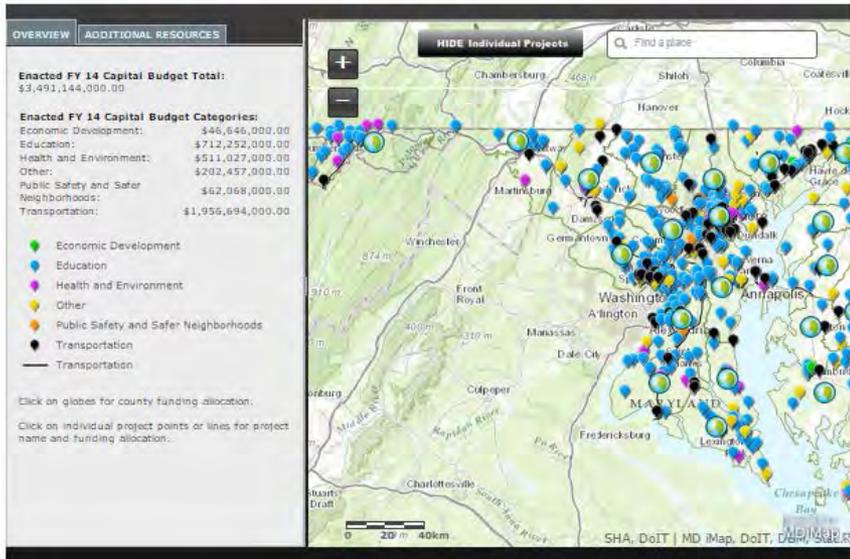
[Full Page/Mobile View Map](#)



# EXAMPLES OF EMBEDDED MAPS



## Fiscal Year 2014 Enacted Capital Budget Map

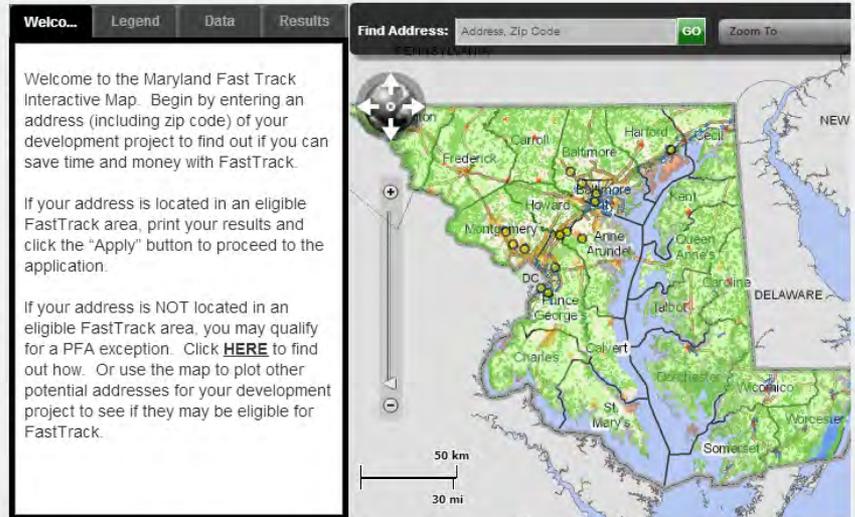


[View map full-screen](#)

[Contact Us](#) | [Privacy](#) | [Accessibility](#)

Wimeland Building, 4th Floor, 18 Francis St., Annapolis, MD 21401

(410) 974.3901



Welcome to the Maryland Fast Track Interactive Map. Begin by entering an address (including zip code) of your development project to find out if you can save time and money with FastTrack.

If your address is located in an eligible FastTrack area, print your results and click the "Apply" button to proceed to the application.

If your address is NOT located in an eligible FastTrack area, you may qualify for a PFA exception. Click [HERE](#) to find out how. Or use the map to plot other potential addresses for your development project to see if they may be eligible for FastTrack.

[Contacting Maryland Government](#) | [Accessibility](#) | [Privacy Notice](#) | [Terms of Use](#)  
45 Carvel Street, Annapolis, Maryland 21401 | 877-534-6361

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

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

 [@MDiMap](#)

# EXAMPLES OF EMBEDDED MAPS



### Tracking Progress

- > MD's Open Data Portal
- > FY15 Capital Budget Map
- > FY14 Capital Budget Map
- > FY14 Bay Budget Map
- > Children's Budget Map
- > Contact StateStat

### Learn More

- > StateStat in the News
- > StateStat 101
- > Open Data and Stat Map
- > Maryland Maps
- > Matt Power's Biography

## MARYLAND:

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

Source: Center for Data Innovation

## Fiscal Year 2014 Children's Budget

Overview

The Fiscal Year 2014 Children's Budget includes funding information specific to children-related services in the State of Maryland. This map displays individual projects.

**Total FY 2014 Children's Budget: \$345,968,556**

Click on county symbols to display funding allocations for each county.

Click on individual projects to display name and dollar amount allocations.

Individual Project categories include:

- K - 12 Education
- Local Management Board

Click on the link below to access information concerning projects which could not be shown on the map:

[Statewide and Unmapped Individual Projects](#)

Note: Howard County Local Management Board (LMB) programs are not yet recognized by the Governor's Office for Children (GOC)."

The map displays the state of Maryland with numerous blue and yellow circular markers representing individual projects. A pop-up window for "Rockledge Elementary School" is open, showing details: PROGRAM: Public School Construction Program, VENDOR: PSCP, FY14 FUNDING: \$407,000, COUNTY: Prince George's. The map includes a search bar, zoom controls, and a scale bar.

# HOW TO EMBED A MAP

## Step 1: Data

higher education

1-8 of 8 results

Higher Education - Regional Education Centers (from Maryland GIS Data Catalog: Society)  
Shared by mdimapdatacatalog on July 11, 2014. Updated 3 months ago.  
Maryland has 200+ higher education facilities located throughout the entire State. Maryland boasts a highly educated workforce with 300,000+...

Higher Education - Public Two-Year (from Maryland GIS Data Catalog: Society)  
Shared by mdimapdatacatalog on July 11, 2014. Updated 3 months ago.  
Maryland has 200+ higher education facilities located throughout the entire State. Maryland boasts a highly educated workforce with 300,000+ graduates from higher education institutions every year. Higher education...

Higher Education - Private Four-Year (from Maryland GIS Data Catalog: Society)

geodata.md.gov/imap/rest/services/Society/MD\_EducationFacilities/MapServer/1

ArcGIS REST Services Directory

Home > services > Society > MD\_EducationFacilities (MapServer) > Higher Education - Public Two-Year

Layer: Higher Education - Public Two-Year (ID: 1)

Name: Higher Education - Public Two-Year

Display Field: sitename

Type: Feature Layer

Geometry Type: esriGeometryPoint

Description: Maryland has 200+ higher education facilities located throughout the entire State. Maryland boasts a highly educated workforce with 300,000+ graduates from higher education institutions every year. Higher education opportunities range from two year, public and private institutions, four year, public and private institutions and regional education centers. Collectively, Maryland's higher education facilities offer every kind of educational experience, whether for the traditional college students or for students who have already begun a career and are working to learn new skills. Maryland is proud that nearly one-third of its residents 25 and older have a bachelor's degree or higher, ranking in the top 5 amongst all states. Maryland's economic diversity and educational vitality is what makes it one of the best states in the nation in which to live, learn, work and raise a family.

Definition Expression: N/A

Copyright Text: MD iMap, MHEC

Default Visibility: true

MaxRecordCount: 1000

Supported Query Formats: JSON, AMF

Min Scale: 0

Max Scale: 0

Supports Advanced Queries: true

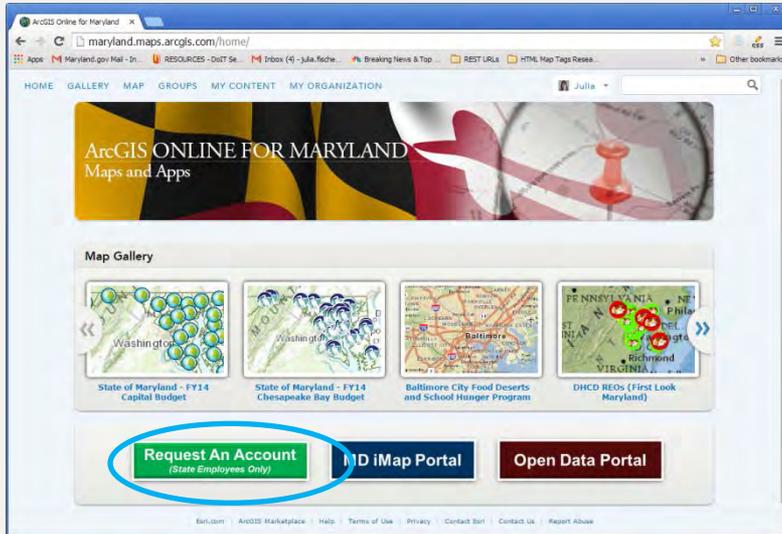
Supports Statistics: true

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

<http://geodata.md.gov/imap>

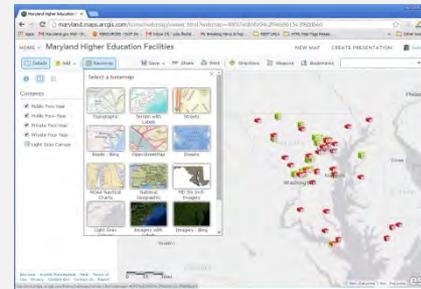
# HOW TO EMBED A MAP

## Step 2: Map Development

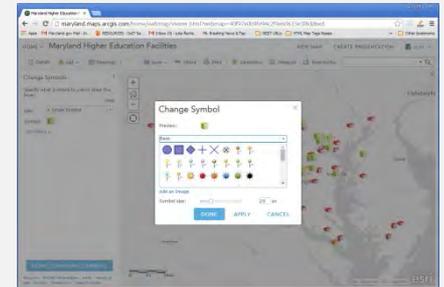


<http://maryland.maps.arcgis.com>

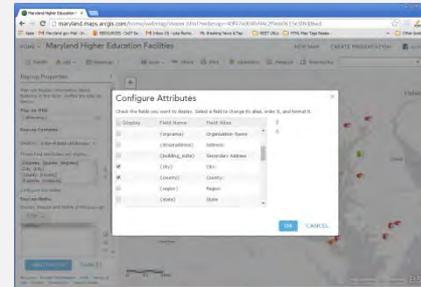
## Select a Basemap



## Symbolize Layers

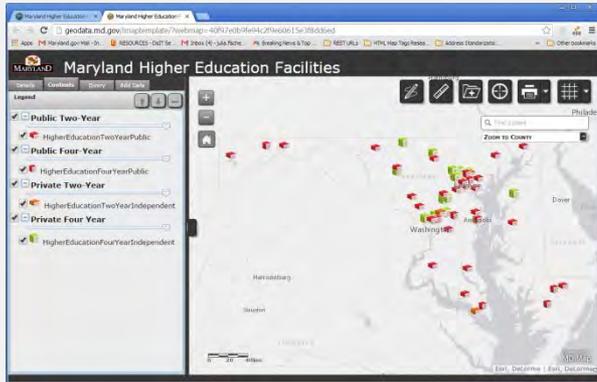


## Configure Pop-Ups

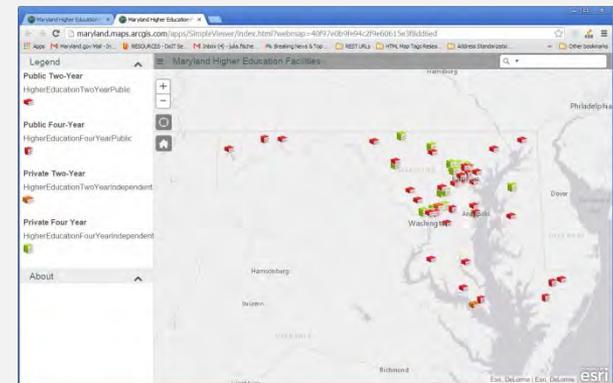
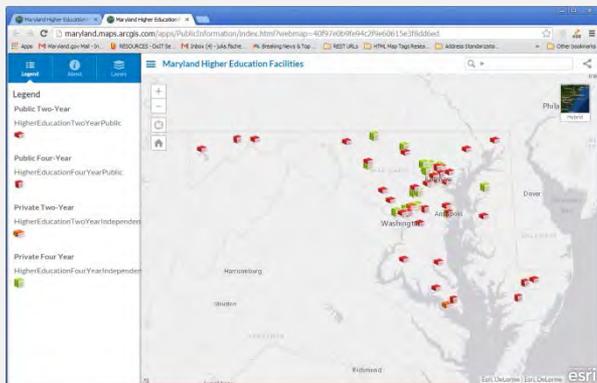
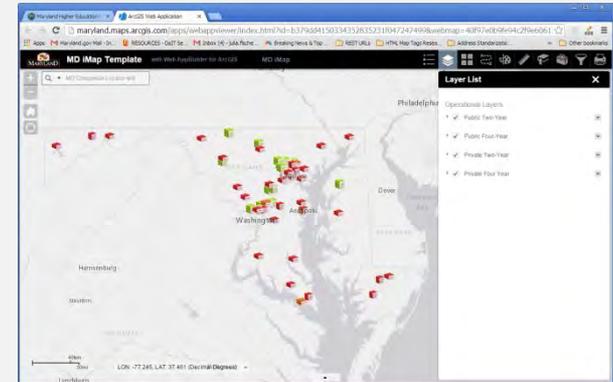
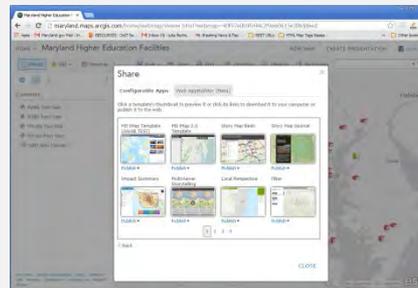


# HOW TO EMBED A MAP

## Step 3: Map Deployment

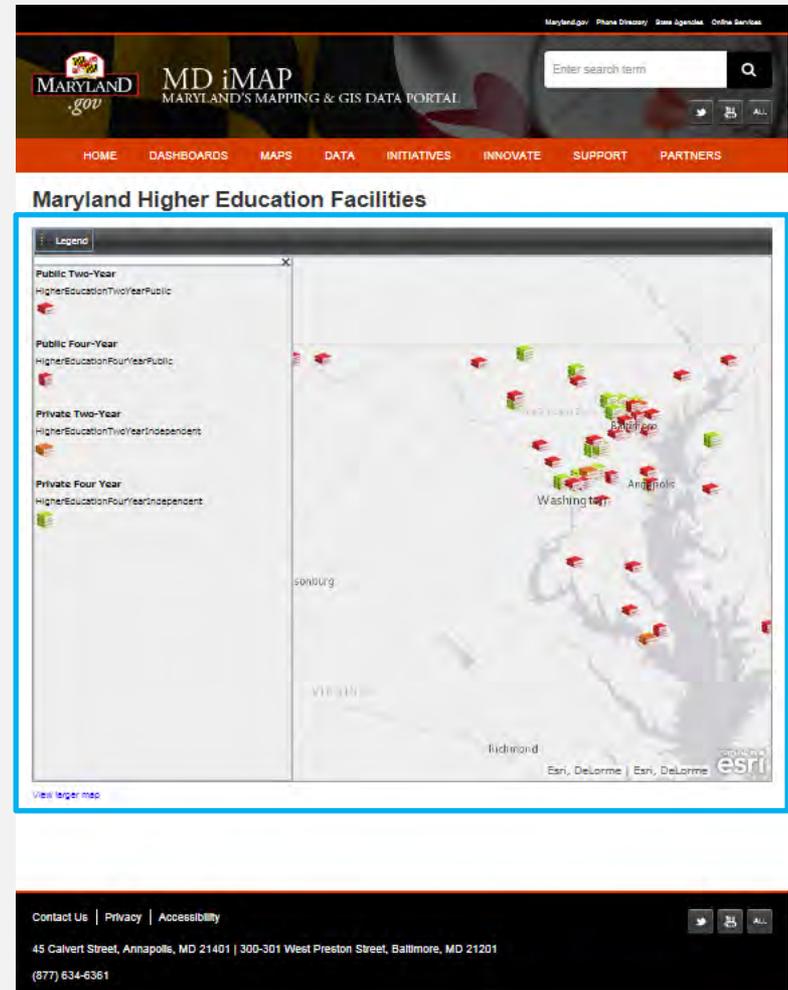
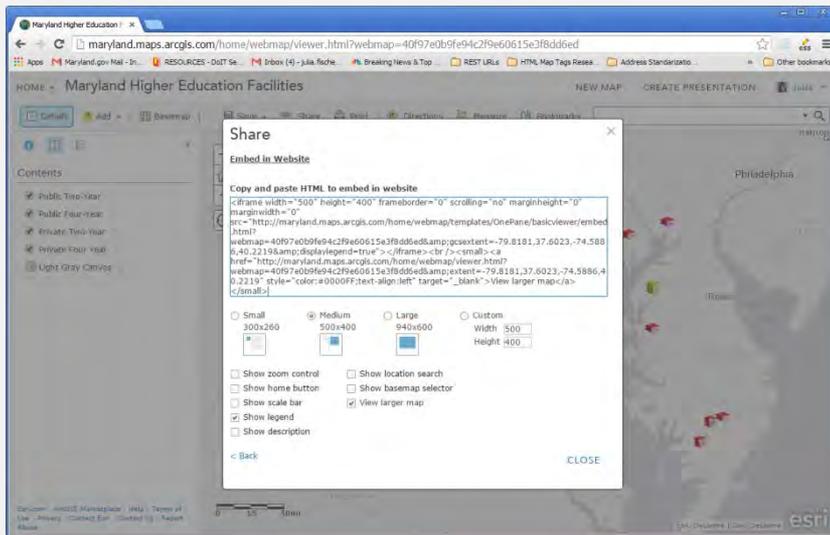


Select a Template



# HOW TO EMBED A MAP

## Step 4: Embed Map Option 1



# HOW TO EMBED A MAP

## Step 4: Embed Map Option 2

```
<iframe width="100%" height="555" frameborder="0"
scrolling="no"
src="http://geodata.md.gov/imaptemplate/appid=b747e9e4d7
364db2b431fe2542c965b7"></iframe><br /><small><a
href="http://geodata.md.gov/imaptemplate/?
appid=b747e9e4d7364db2b431fe2542c965b7"
style="color:#0000FF;text-align:left;font-size:small"
target="_blank">view Larger Map<br /></a></small>
```

The screenshot shows the MD iMAP website interface. At the top, there is a navigation bar with the Maryland state logo and the text 'MD iMAP MARYLAND'S MAPPING & GIS DATA PORTAL'. Below this is a search bar and a menu with options like HOME, DASHBOARDS, MAPS, DATA, INITIATIVES, INNOVATE, SUPPORT, and PARTNERS. The main content area is titled 'Maryland Higher Education Facilities'. It features a map application with a search bar, a 'Zoom to County' dropdown, and a map of Maryland with several red and green markers indicating higher education facilities. A blue arrow points from the code block to the map application. At the bottom of the page, there is a footer with contact information and social media icons.

# EMBEDDING SOCRATA DASHBOARDS

- Josh Exler, StateStat

# MARYLAND DATA INVENTORY ELEMENTS

- Agency
- Dataset Name
- Description
- Steward (Business knowledge)
- Custodian (Technical knowledge)
- Data source
  - Host System
  - Processes
- Start date
- End date
- Geographic coverage, granularity
- Collection Frequency
- Update Frequency
- Number of Records
- Format
- Existing ETLs
- Existing publication
- Existing publication links
- Is it open data?
  - 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.
- Data Quality..
- Caveats