Council on Open Data

Meeting #4

12/18/2014

Welcome

Greg Urban, Chair

Deputy Secretary/Deputy Chief Information Officer

Department of Information Technology

Matt Power, Vice Chair

StateStat Director

Office of the Governor

Agenda

- Introductions
- Draft Council Report to Legislature & discussion (Barney Krucoff)
- Selling data vs. open data, MDP data usage stats (Jim Cannistra)
- DoIT News items (Barney)
  - iMap 1.0 decommissioning
  - Transparency site data update
- Data desired from local governments (Josh)
- Progress on data inventory demo using SHA data (Josh Exler)
- Open Discussion

Thoughts on next year
- fewer meetings
- more staff work/planning
- more deliverables

Draft Council Report to Governor & Legislature

Discussion

Report

- ON OR BEFORE JANUARY 10 OF EACH YEAR, THE COUNCIL SHALL REPORT TO THE GOVERNOR AND THE GENERAL ASSEMBLY, IN ACCORDANCE WITH § 2–1246 OF THE STATE GOVERNMENT ARTICLE, ON THE ACTIVITIES OF THE COUNCIL FOR THE PREVIOUS YEAR AND ANY RECOMMENDATIONS FOR LEGISLATION.

- This is your report we have to submit something, but changes can be made.

- Report has 4 parts:
  - Background
  - Council Deliberations
  - "Consensus" findings and recommendations
  - Draft legislation

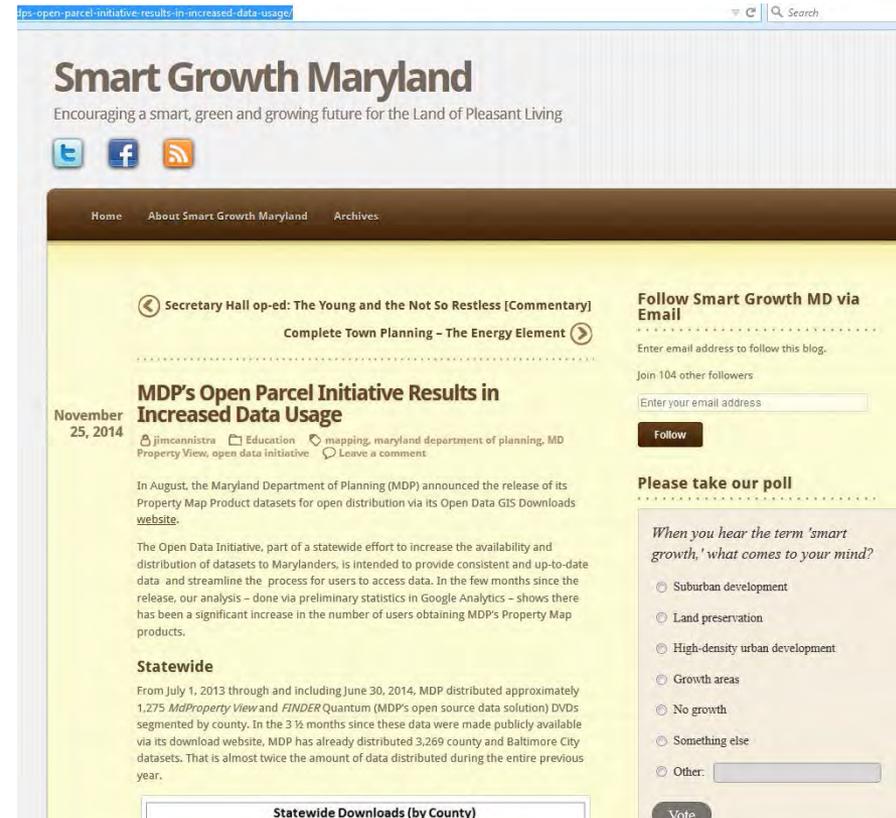We will switch from slide show to MS Word for this discussion.

MDP OPEN PARCEL INITIATIVE: STATUS CHECK

JIM CANNISTRA
DATA PLANNING AND ANALYSIS
JIM.CANNISTRA@MARYLAND.GOV

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OPEN PARCEL INITIATIVE (TIMELINE)

New FY – July 1

Website Launched –
    July 15 (soft launch)

Subscriber notifications
    July 30

MDP Press Release
    August 13

Last DVD mailed
    December 1

http://smartgrowthmd.wordpress.com/2014/11/25/mdps-open-parcel-initiative-results-in-increased-data-usage/

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PROPERTY MAP PRODUCTS

http://planning.maryland.gov/OurProducts/PropertyMapProducts/PropertyMapProducts.shtml

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PROPERTY DATA DOWNLOADS

WHAT'S INCLUDED (PARTIAL LIST)

- Parcel Points Database
- Parcel Polygons
- Parcel Data Extracts
  - Exempt and Commercial/Industrial Use Codes
- Raster Tax Maps
- Sales Data
  - Residential and Monthly
- Historic Inventory Data
- Generalized Zoning

- Reference Grids
- PFAs
- Land Use/Land Cover
- Census Data
- Sewer Service Areas
- Environmental Data
- ArcGIS or Quantum GIS customized project file
- Quantum GIS Software
- MDiMAP Service Linkages

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DATA DOWNLOADS

STATEWIDE DOWNLOADS BY MONTH

MDPV
- 3933

Finder Quantum
- 802

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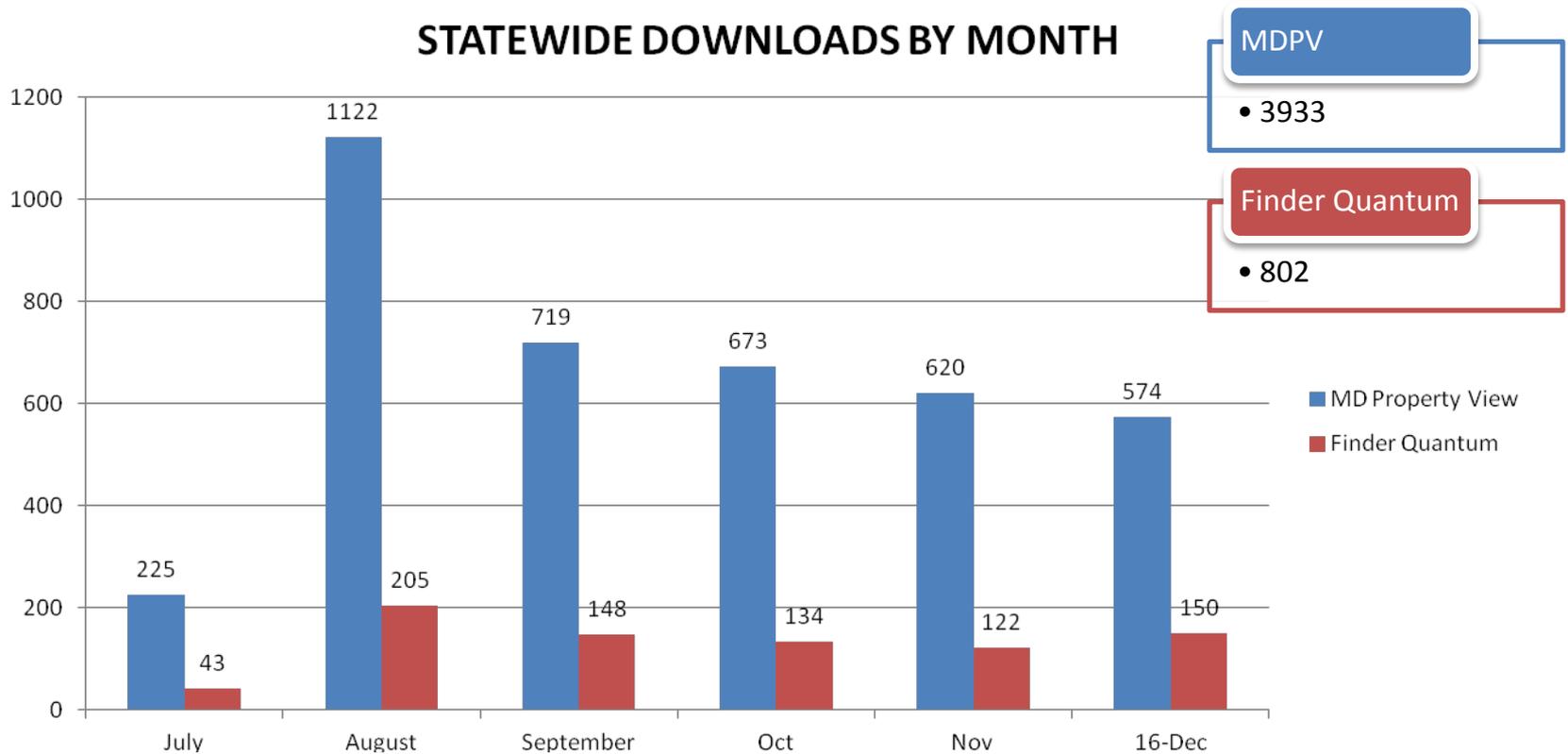
DATA DOWNLOAD SUMMARY

- 4,735 Downloads
  - 7/1/14 >> 12/15/14 (less than 6 months) via portal
- 1,275 DVDs shipped
  - 7/1/13 >> 6/30/14

This is a 375% increase over the entire previous year

Represents approximately 5 terabytes of data

Does NOT reflect access through MD iMAP

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DOWNLOADS BY COUNTY

TOTAL DOWNLOADS BY COUNTY (MDPV & *FINDER* Quantum)

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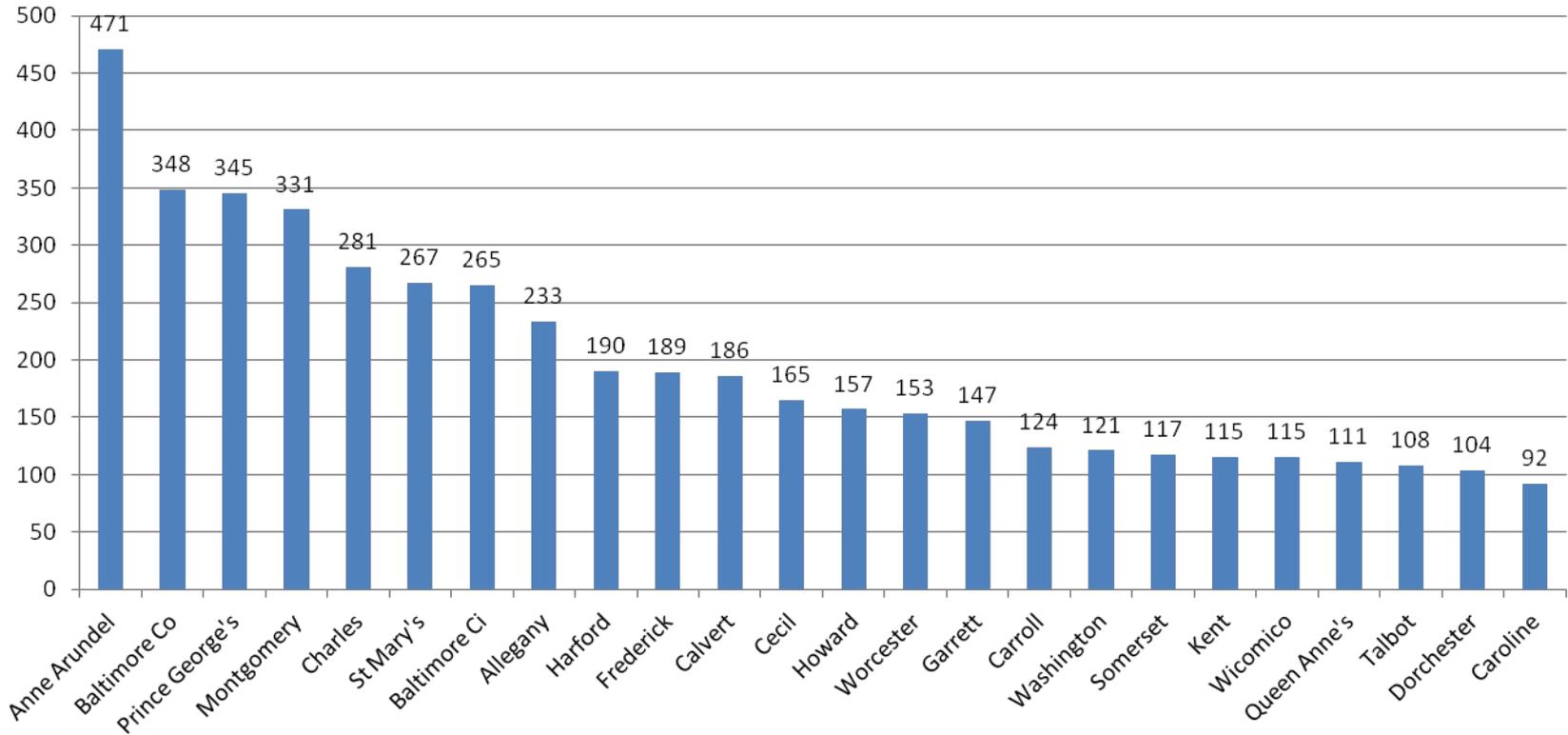
FINDER ONLINE (WEB APPLICATION)

FINDER Online TOTAL & UNIQUE VISITS
BY MONTH
400% increase in usage
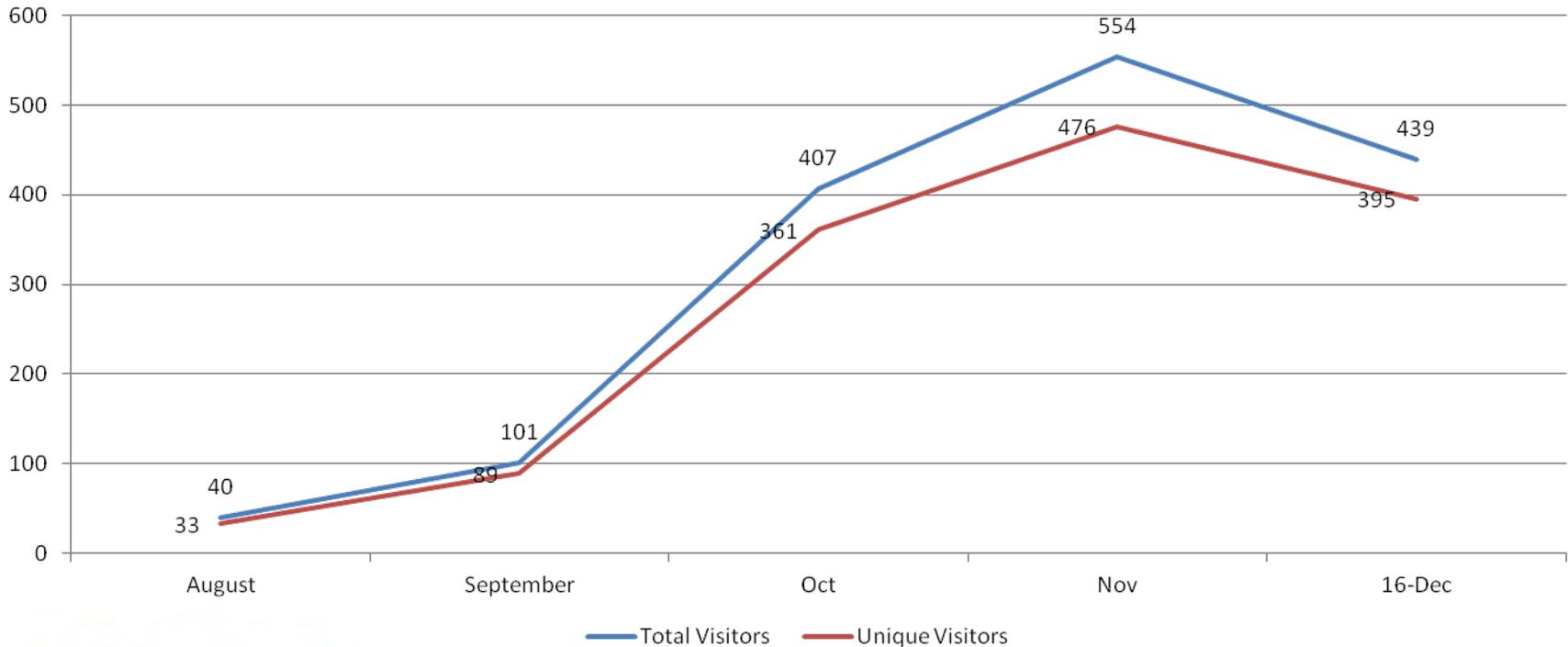
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THANK YOU!

DoIT News Items

- MD iMap 1.0 Decommissioning 12/31/2014 5:00 PM
  - [More information](#)
- Spending Transparency Data Update
  - http://spending.maryland.gov
  - data.maryland.gov
  - appropriations dashboard

Data desired from local governments

Draft List: County Data Desired by the State
o Impervious surface data (geographic data)
o Building permits (geocoded)
o Certificates of occupancy (geocoded)
o 311 data (emergency related services for example trees down after storm)
o 911 data (Whatever is not legally restricted)
o County and municipal PD crime data -- Currently the state's accees to these data are through data aggregated at the end of the year by the Maryland State Police for Uniform Crime Reports (UCRs). More real-time and flexible crime data feeds would be extremely beneficial.
o Counties' budget data
o County jail average daily populations
o County/local agency/department offices and service locations – The Maryland Department of Information Technology has lists and maps already, but counties' assistance would be useful keeping the lists up to date and filling in whatever gaps may exist.

Comments?, What else?

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Data desired by local governments

Draft List: State Data Desired by Montgomery County
o **SDAT property tax data (real property, home owner credit, personal property, new construction)**
o **School data**
o **Traffic and pedestrian collision/injury/fatality data**
o **Grants data**
o **Uniform Crime Report**
o **Consolidated Transportation Plan**
o **Election data**

Comments?, What else?

Data Categories
Open Data vs. MD iMap

Data Categories on the Open Data Portal and iMap					
Category	**Open Data Portal?**	**iMap?**	**Category**	**Open Data Portal?**	**iMap?**
Administrative	√		Historic		√
Agriculture	√	√	Housing	√	
Biota		√	Hydrology		√
Boundaries		√	Imagery		√
Budget	√		Location		√
Business/Economy	√	√	Planning	√	√
Demographics	√	√	Public Safety	√	√
Education	√		Society		√
Elevation		√	Structure		√
Environment/Energy	√	√	Transportation	√	√
Geoscientific		√	Utility		√
Health/Human Services	√	√	Weather		√

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Preliminary Inventory Items

- **Unique ID.**

- **Dataset Title.** This will require that the Council define a standard nomenclature for new datasets, making sure to include the agency name and time period which the data cover or "latest."

- **Can this be public, open data?** This field is the crux of the data inventory. A dataset's owners will decide, using guidelines in the process of being developed by the Council, whether a dataset can be Open Data. Any dataset containing immutable Personally Identifying Information (PII) and/or with legal restrictions will not be able to be published as Open Data. However, the inventory should still list these datasets, so that the inventory is an exhaustive survey of statewide data, with records showing why and why not the agencies have decided to make their datasets public.

- **Already published as open data?** (Link) Between the Open Data Portal and iMap, large portions of agencies' data are already published. This field will contain direct links to these data sources.

- **Already published elsewhere, e.g., PDF?** (Link) State agencies are collectively publishing even more data in the form of PDFs, Excel spreadsheets, and other forms of static, less publicly accessible reports – than they are publishing Open Data. This is a consequence of state transparency initiatives predating Open Data initiatives. Owners of these data and reports should strive to put them in Open Data formats, but in the mean time, the existing resources should be linked to within the inventory.
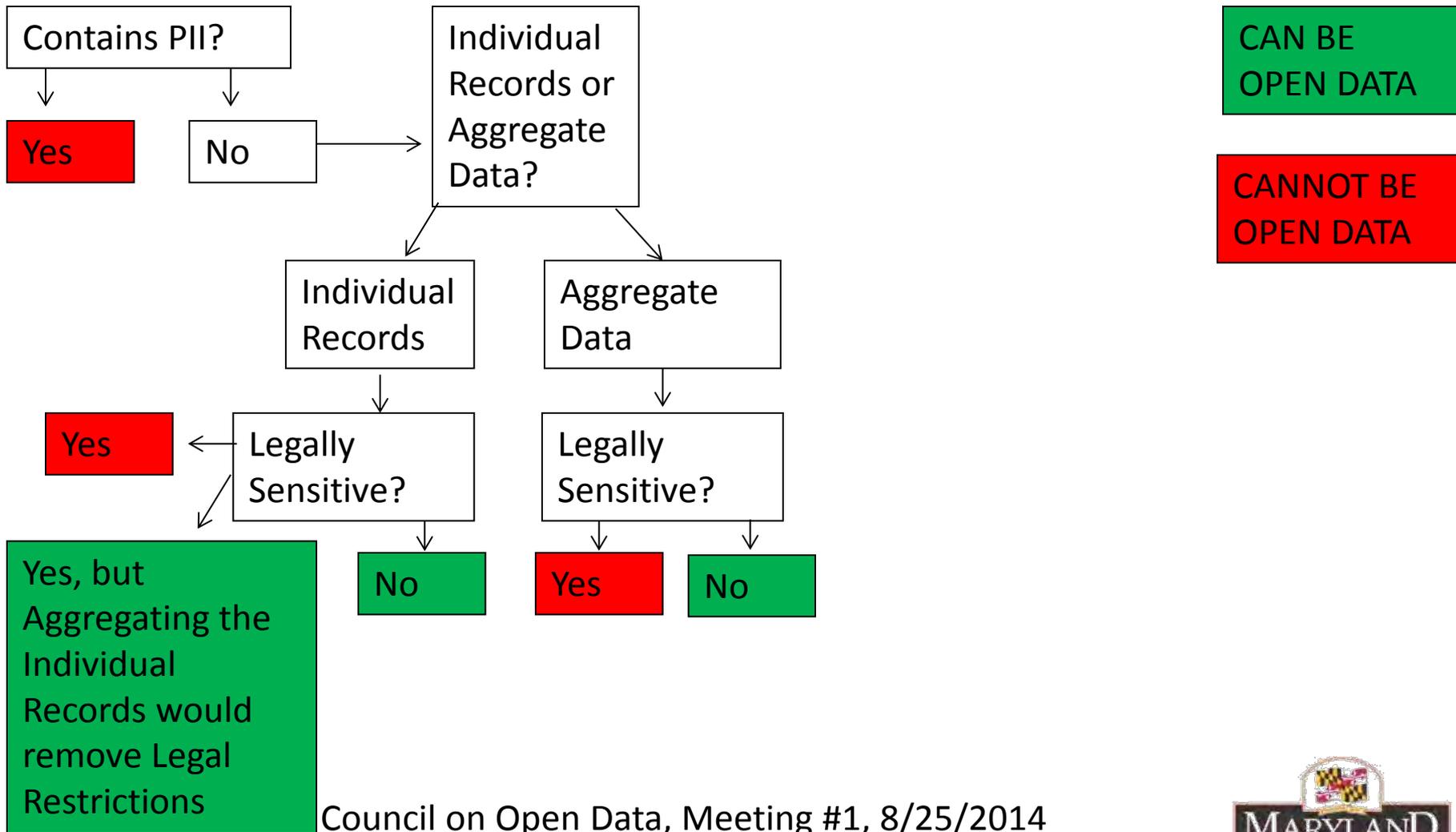
- **Category (Dropdown).**

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Preliminary Inventory Items

- **State Agency (Dropdown).**

- **Contact Name(s)**. **Contact Email Address(es).** These points of contact should have contact information available in the form of email addresses. This field as well as the latter field could be either public or private, depending on the concerns of state agencies and Council members.

- **Aggregate Data or Individual Records?** (Dropdown) At the previous Open Data Council meeting, agencies expressed the desire for an inventory to contain this field, to show whether available data have individual records (e.g., single crimes, single permits) available, or if the information was available only at the aggregate level. The three current dropdown options are:

- **Contains PII? (Dropdown)**. Personally identifying information should not be published in any datasets. If PII cannot be scrubbed from a data source, then the data should not be published. The three dropdown options are Yes, No, and Unsure.

- **Has Legal Restrictions? (Dropdown).** Similarly, data with legal restrictions should not be published. The three dropdown options are Yes, No, and Unsure.

- **Summary of Caveats and Barriers to Making Data Public.** This is a text field which should summarize any PII and legal concerns, as well as any other barriers to making the data public. Limitations on data quality and completeness should be noted here as well, e.g., any missing or corrupted data.

- **Source Database (Private).** For the internal agency use as well as reference by DoIT and StateStat, the name of the source database and any additional relevant information about the location of the source data should be listed. This information does not have public utility and barring objections from the Council, this information will remain private.

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Preliminary Inventory Items

- **Time Period of Content.** When did data tracking begin? Do data continue through present day? This is a metadata field in Open Data Portal datasets, and will be automatically transferred from the inventory to a dataset's metadata upon dataset upload. This field and the next field are both text fields.

- **Are there any gaps in the time period of content?).** An additional metadata field which will be transferred automatically upon dataset upload. The dropdown options are Continually, Daily, Weekly, Monthly, Quarterly, and Annually, mirroring the options in the Open Data Portal metadata. Agencies will be expected to update their data in the Portal with the same frequency that the data are updated in a source database.

- **Subjective Data Quality (Private).** Finally, using a scale of one starts to five stars, agencies will be asked to rate the completeness and quality of the source data. If the Council believes that this information would be better captured through a qualitative summary in a text field, the Subjective Data Quality field can be retooled.

Automation of Determination of Whether Data can be Open Data

Contains PII?

↓ ↓

Yes (red)   No → Individual Records or Aggregate Data?

CAN BE OPEN DATA (green)

CANNOT BE OPEN DATA (red)

Individual Records or Aggregate Data?

↓ ↓

Individual Records   Aggregate Data

↓ ↓

Legally Sensitive?   Legally Sensitive?

Yes (red) ←

↓ (left)   ↓ No (green)   ↓ Yes (red)   ↓ No (green)

Yes, but Aggregating the Individual Records would remove Legal Restrictions (green)

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MARYLAND

Next meeting is scheduled for February 25, 2015, 10:00 am – 12:00 pm, at Maryland Department of Transportation, Harry Hughes Conference Center.