

## District of Columbia Interagency Data Team

February 8, 2017

1:00 PM – 3:00 PM

Office of Chief Technology Officer  
200 I Street SE, Washington DC, 20003  
Conference Room 1001A & 1001B

### Agenda

- **Welcome, News & Updates**  
Barney Krucoff, Chief Data Officer, Office of the Chief Technology Officer
- **OCFO Data Analysis**  
Fitzroy Lee & Kelly Dinkins, Office of Revenue Analysis
- **Data Inventory Tool**  
Mario Field with Barney Krucoff, OCTO
- **Experiences with Data Sharing and Integration Challenges**  
Dartanion Williams, OCA
- ~~**Tableau Expansion Schedule & License Rollover**~~  
~~Jafreisy Nunez with Barney Krucoff, OCTO~~

### Meeting Notes

Capturing notable comments and questions from attendees.

#### Presenter: Barney Krucoff – Data Policy

- Eventually this will be a mandated meeting by mayor's order.
- Data policy is currently at the attorney general's office and will soon be signed by mayor.
- Rundown of changes to data policy – order of definitions, addition of FOIA, and now the addition of required agreements for all levels of data (not just 3 and 4).
- What is the plan to create and implement these share agreements that are now required? Will it be an electronic process?
  - It can be an electronic process. We will need a more detailed plan and procedure in place.
  - Anything that would be posted on your website, then it shouldn't be required to have an agreement. If there is something on your website that is a derivative dataset then yes, we would want this shared in data inventory tool
- In terms of required agreements, right now we have best practices in place, not policies. When we create visualizations in Tableau you will have to keep in mind the data that is behind this. Is it shareable as well.

## Presenter: Fitzroy Lee & Kelly Dinkins, Office of Revenue Analysis – OCFO Data Analysis

- Just came out with an annual financial report showing the district has a surplus again this year.
  - Part of this has to do with the population growth. Millennials moving in.
  - We are monitoring this for how long it will continue. We have to provide a budget analysis four years out.
- We are looking for new tools to better analyze and adjust budgets and revenue estimates.
- Real property taxes – OTR is just completing assessments for properties. We will use this soon to analyze revenue even though residents/businesses will likely appeal.
- OCFO determines whether costs will put budget out of balance. If a piece of legislation comes forward that does not have sound funding resources, then it will not pass. We get a lot of back and forth when council gets a letter of insufficient funds.
- District Measured, Blog – a lot of information about income tax data can tell you much of the economic indicators when combined with other data.
- Talked about bringing in real estate folks
  - Does OCFO have meeting notes that you can share with others?
  - Actually we do invite people from OP. We would have to discuss with real estate folks whether we can share these.
- So with new federal administration announcing freeze of hiring in fed government, how will that be taken into account?
  - A lot of forecasters are building in the specifics of these. But they provide scenarios with forecasting. There is a lot of uncertainty with the new federal administration.
- Individual tax modeling starts with federal aggregate income... to the extent that there are changes to this, it will affect our model. For example, any new tax cuts.
- What software are you using?
  - SASS for models. Also use tableau for visualizations. Also considering SASS visualization tools.
- Are these long analytical projects or are they interactive as things change?
  - A lot of things can be used in an interactive way. But depending on the kind of project and if it's analyst specific tools. Trying to encourage more use of software tools that allow quick changes to parameters.
- Do you have spaces where you are sharing these models or code that can be shared with other agencies?
  - A lot of what we do is on share drive and if someone wants to use it they can. We would like to develop policies on how to share these models.
- When you pull property tax data, are you doing one time extracts or tapping those systems directly.
  - We are doing one time extracts.
- We do a lot of collaborating with world bank and universities for example.
- Complimentary of the District Measured blog

### Presenter: Mario Field – Data Inventory Tool

- It is an IT assessment tool where CIO's have been asked to enter information about their systems.
  - This is a module of a tool that already existed at OCTO.
- Metadata is not a part of the inventory tool yet
- In oldest record date, confusion between this is my 2015 file... rather than my file contains records back to 1973. Suggest making this clearer.
  - So this would be a publication date. We are still working to clarify how the date will be used.
  - Only publishing the inventory, not the data.
- Is there bulk loading of spreadsheet and other files?
  - No
- Will they be required to be machine readable?
  - Opendata by definition is and yes must be machine readable.
  - OCTO can help with making your data enterprise accessible.
- So is the eventual plan to have the data entered in inventory tool power the data that is in data catalog online?
  - If it's level 0 then yes it should be on the data catalog.
  - The goal is to have this inventory tool help each other identify where the data is. The public can then see what data dc has.

### Presenter: Dartanion Williams – Experiences with Integration and Data Sharing

- Example of Challenge: DCRA has payment for services and then this payment doesn't get into systems where OCFO can see it's paid. Customer currently has to prove and show payment with receipt.
- Example of Challenge: DC taxi registration where drivers have to prove driver's license and clean driving record. DC taxi should be able to see this right away without customer having to find this for them – via DMV.
- Example of Challenge: DPW hosts the fleet management system across DC. Other agencies have their vehicles in there but don't have access to see the system. Why not?
- Example of Challenge: Combining OUC and FEMS data...
  - Working through questions like, are we over responding to emergencies with too many resources. Are we sending too many paramedic resources when it's not needed. How to balance without impacting the quality of care for residents.
- Example of Challenge: Business licenses in DCRA not matching licenses in ABRA.
- We should prioritize efforts to better integrate. MOUs are too challenging and are a road block.
- The technical knowledge can be a challenge as well (how to do?). Another issue is just general knowledge of what is going on in the city.

### So now everyone proposes your ideas...

- Even just exchanging excel spreadsheets having our data with tidy best practices.
- Getting access to data that OCTO stores in some of its systems. I.e. how powerful would it be to have access to PeopleSoft
- Have shared keys. For example, OSSE has student IDs and then another agency has different student IDs that don't match up.
- Well if there are no ID keys that match then linking up data should be done by spatial analysis
- Sometimes the software companies we use charge for new API or expansion of database. A solution should be to have this in the contract prior.
  - We should evaluate better language.
- We should use more APIs to do things like... identity-wide verification. And also ownership verification because OTR does not expose that to any direct query. We all get an extract that is delivered to OCTO and then published to opendata.
- Better real time updates across agency systems. The best example of this is the DC Master Address Repository.
- Public health and criminal justice data – one thing to think about when connecting data... how do we set up the MOU so that we can share level 3 and 4 data? How have other jurisdictions done this to connect sensitive data?
  - We should follow up with the CJCC and learn how they are implementing their sharing agreements. Perhaps they can come and present their sharing techniques.

Remaining agenda items not covered:

#### ***Tableau Expansion Schedule & License Rollover***

Jafreisy Nunez with Barney Krucoff, OCTO