

### **How We Got Here**

Census Bureau People Business Geography Data

### 2011 American Community Survey Single Year Estimates

The Census Bureau released one-year estimates from the 2011 ACS. The ACS produces estimates for numerous social, economic and housing characteristics including language, education, the commute to work, employment, mortgage status and rent, as well as income, poverty and health insurance.

See More





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### **How We Got Here**

- Census Bureau.
- Google Transit (<u>GTFS</u>).
- District of Columbia (Apps for Democracy).
- Sunlight Labs (Apps for Democracy).
- NYC Big Apps / Apps for Metro Chicago.
- App contests vs. Civic Hackathon.
- External users driving adoption of open data policies.

## Why is Open Data Important?

- Vivek Kundra: "Democratization of data."
- Government transparency.
- Data tools going mainstream.
- Strong external demand for data.
- Possible to build useful apps.
- Tool to drive innovation & spur economic growth.
- Future of government service delivery?

### **Open Data in Philly**

### **Philadelphia Police Part One Crime Incidents**

Crime Data from 2006 to the present

BASIC INFO

ALL INFO

Organization City of Philadelphia

Division Philadelphia Police Department,

Release Date Dec. 12, 2012

Data Types ArcGIS REST, CSV

Categories

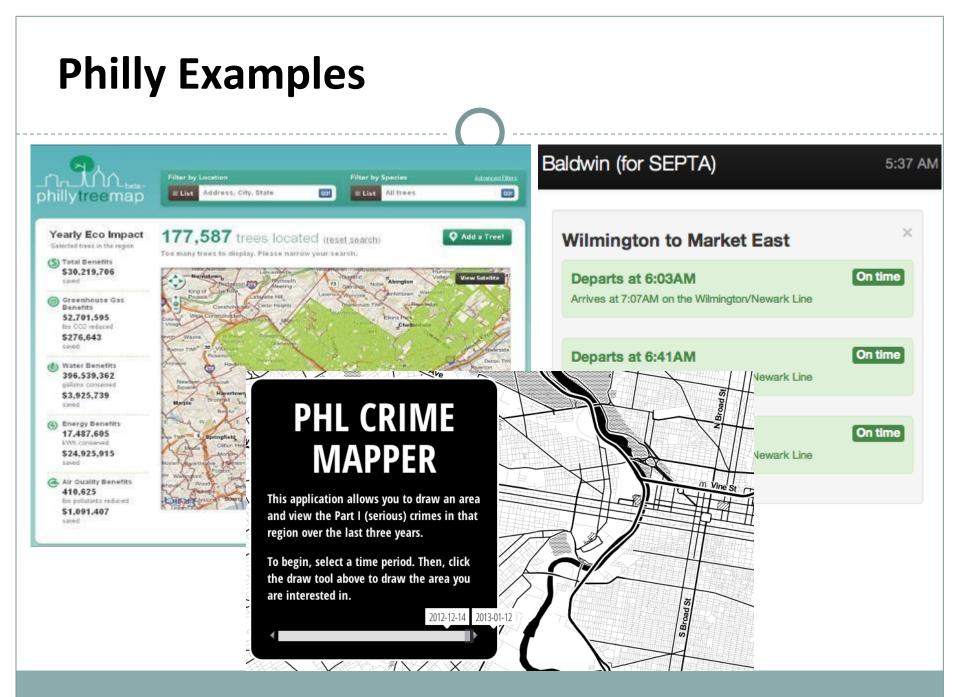
Public Safety

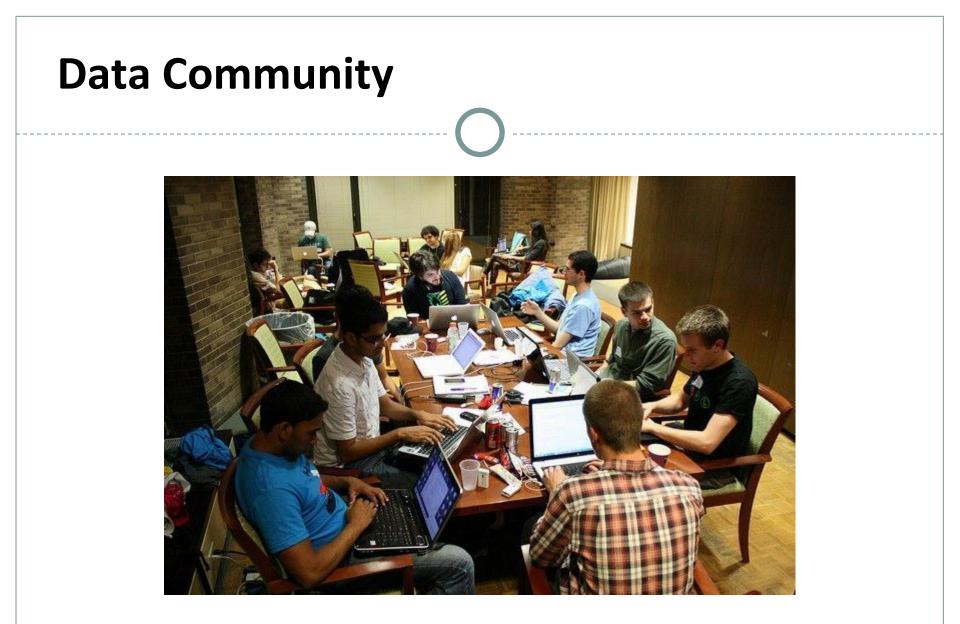
#### Description

From the metadata: "The layer holds Part I crime for the City of Philadelphia beginning January 1, 2006. Part I crime includes, Homicides, Rapes, Robberies, Aggravated Assaults, Thefts. The data displayed is generalized by the crime type and the block location." The data is updated daily. Metadata is included in the zipfile.



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### **Open Data Impact**

- Creates an environment where governments think about reusability of data.
- Government's starting to think strategically about data.
- Most creative uses of data often come from those who are not stewards of it.
- Architect data & infrastructure that houses it for reusability & mashups.

### Internal vs. External

- Bezos Mandate "be open or be fired."
- All teams will henceforth expose their data and functionality through [web] service interfaces.
- All service interfaces, without exception, must be designed from the ground up to be **externalizable**. No exceptions.
- Open Data supports the "Reverse Bezos Mandate."

# The (Near Term) Future of Open Data

"Open data initiatives disrupt government's traditional role as 'holder' or 'owner' of the data.

In thinking about open data governance, we need to rethink government's role in relation to the entire set of new stakeholders.

One possibility is to characterize government, as well as all other stakeholders as stewards [of data]."

<u>The Dynamics of Opening Government Data</u> Center for Technology in Government

# The (Long Term) Future of Open Data

- Platforms like GitHub allow governments to not only publish data, but to encourage collaboration.
- GitHub forking allows anyone to use government data as part of another project / mashup.
- Git branching allows anyone to work on changes / enhancements that can be merged into master.
- Move from data steward to data collaborator.



**City of Philadelphia** CityOfPhiladelphia

Philadelphia, Pennsylvania

http://phila.gov

<sup>(b)</sup> Joined on Oct 24, 2012

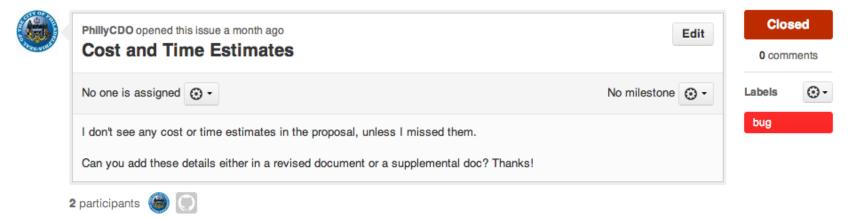
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school_facilities	Added School Facili	ties	4 months ago
street_centerline	strip properties		5 months ago
juitignore	Adding police distric	rts data	5 months ago
LICENSE.md	Added license and u	updated readme	5 months ago
README.md	Added notes to REA	DME	5 months ago
bicycle-thefts.geojson	Renaming shapefile	foldor	2 months ago

## **GitHub for Procurement**

PhillyCDO opened this issue a month ago	Edit	Clos	sed	
Company information		2 comr	nents	
No one is assigned 💽 -	No milestone 💽 -	Labels	۰.	
Are you submitting this proposal on behalf of a company? If so, can you provi	de some additional details?	question	1	
Name and contact information would be great. Thanks!				



http://civic.io/2013/03/27/experiments-in-github-based-procurement/

# **Conclusion / Questions**

