



University of Pittsburgh

Collecting Data –Stories and Advice from the Front Lines

Strategic Data-Use to Stabilize
Neighborhoods Conference

Federal Reserve Bank of Richmond

December 7, 2011

University Center for Social and Urban Research

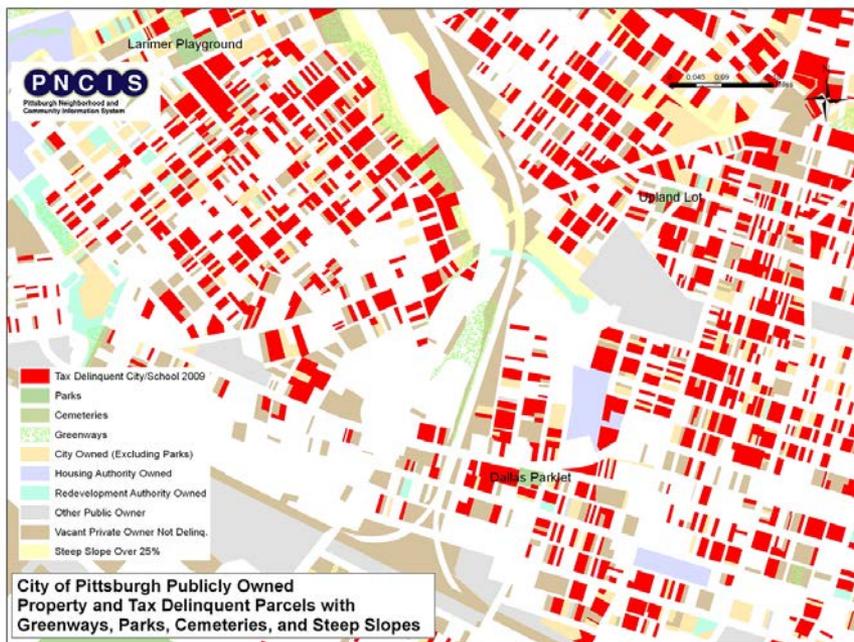




The Pittsburgh Neighborhood and Community Information System

- Creates, collects, and maintains over 100 property indicators in Allegheny County
- Member of NNIP

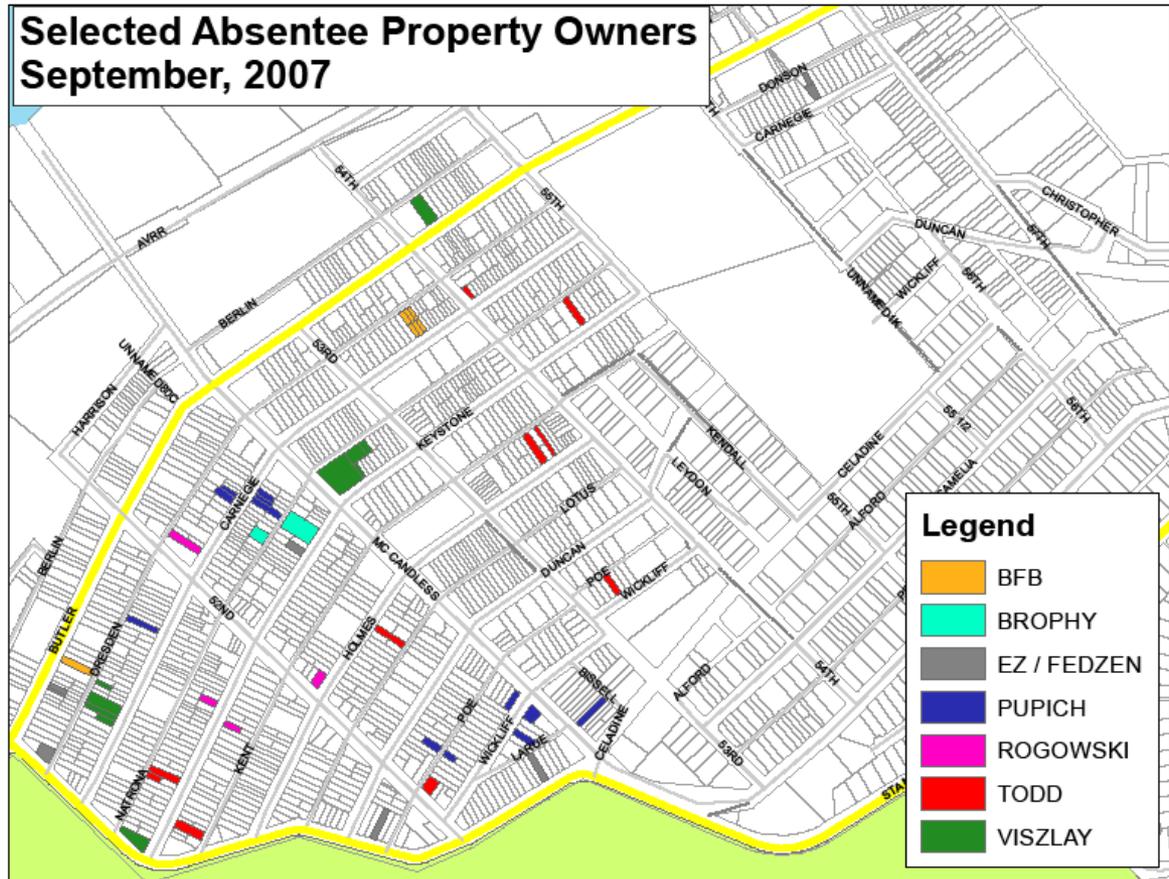
- Property Conditions
- Vacancy
- Foreclosure-Related
- Tax Delinquency
- Property Ownership
- Housing Markets
- Crime
- Land Use
- Boundaries
- Elections





Many uses of data beyond its original purpose

- Inform
- Plan
- Target
- Educate
- Empower
- Advocate
- Organize
- Manage
- Enforce
- Hold others accountable
- Etc.





How we obtained gas shutoff data...

PNCIS Community Viewer - Windows Internet Explorer

http://ucsur-gisdata.ucsur.pitt.edu/geocortex/essentials/NewPNCIS/web/viewer.aspx?Site=PNCIS

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Favorites PNCIS Community Viewer

PNCIS Pittsburgh Neighborhood and Community Information System

PNCIS Community Viewer

University of Pittsburgh

Layer List

- Property Condition
- Vacancy
 - Gas Shutoffs
 - December, 2006
 - December, 2007
 - December, 2008
 - December, 2009
 - Demolition Permits
 - Vacant and Secured
 - City-Sponsored
 - Vacant Land 2011 March
 - Vacant Land Oct 14 2010
 - Vacant Land May 25 2010
 - Vacant Land Jan. 14 2010
 - Vacant Land Sept. 2009
 - Vacant Land Jan. 2008
 - PWSA No Water Use
 - Vacant Addresses
 - Foreclosure Related
 - Tax Delinquency
 - Ownership

Hide Legend

Selection

No features are currently selected. You can select features from one or more layers using the selection tools.

Projection: NAD 1983 StatePlane Penn
Scale 1: 2226
Jump to Extent: Allegheny County

0 53 106 212 318 424 Feet
x=0 y=0



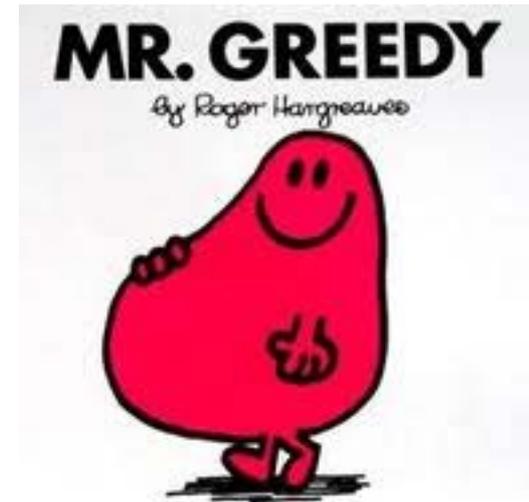
Do your homework before you start collecting data

- Build relationships, identify champions
- Research what may be available
- Understand limitations
- Develop good internal practices
- Implement security procedures
- Develop a compelling case for sharing
- Be patient

For a great resource, see NNIP's "Lessons on Local Data Sharing"

Why the reluctance to share?

- Burdensome
- Fear of bad publicity
- Improper use
- Source data is a mess
- Won't give up revenue stream





Data–related challenges – Internal business practices

- Poor quality data
- No standards or documentation
- Not electronic
- Incomplete data
- Lack of good data systems/infrastructure



A few examples of poor-quality incident data

Address	Notes
BERG ST	FOUR HOUSES NEAR 2426
2213-2229 WILSON AVE	
6836,6933,6945 UPLAND ST	



Parcel IDs differ between sources

5134 Lytle St.

- County Parcel 0056N00022000000
- Building Inspection 56 N 22
- City Property Tax 1 150056N00022 00
- Foreclosure 56N22
- Sheriff Sale 56-N-22

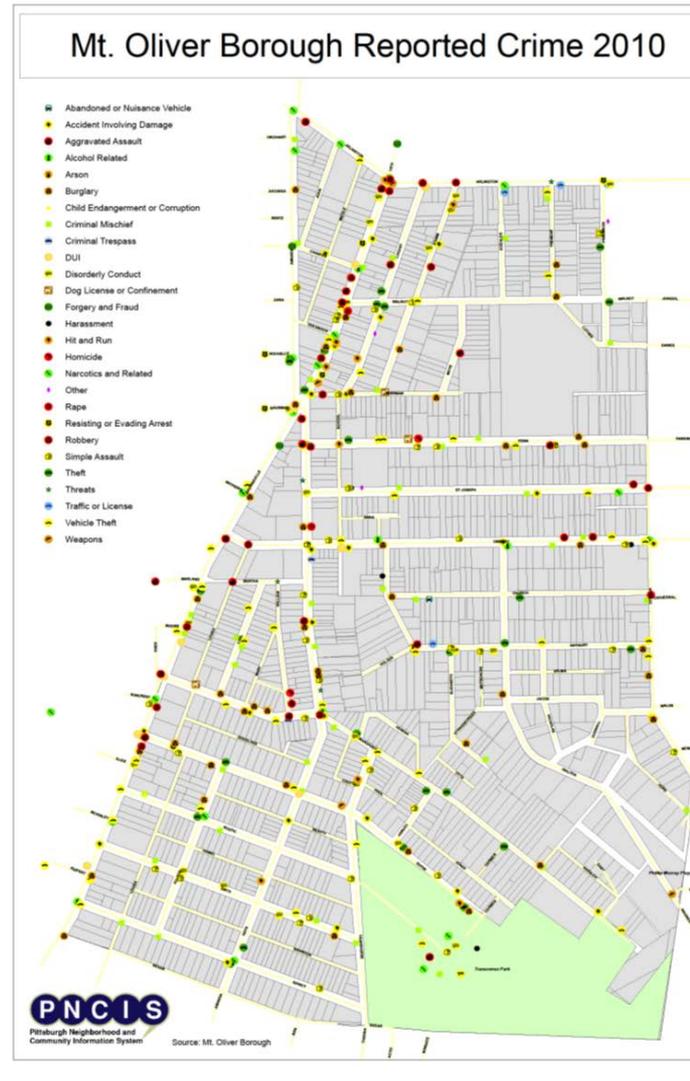


Data–related challenges – Data sharing

- Access not automated or institutionalized
- Data not electronic
- Appearance of transparency vs. actual transparency



It took 25 hours to make this map!!!





This only looks transparent...



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PLCB License Search System

JOSEPH CONTI, Chief Executive Officer

JERRY W. WATERS SR., Director, Office of Regulatory Affairs

Click [Help](#) for additional assistance as needed.

LICENSES THAT HAVE ANY STATUS IN ALLEGHENY COUNTY IN LICENSE NAME ORDER

New Search Next 25

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(Use the 'Next' button to page forward and the 'Previous' button to page backward. To go to a specific page, enter a page number in the number box and click the 'Go to Page' button.)

GENERAL LICENSEE INFORMATION

Name: 1002 PERRY HIGHWAY, INC.	Address: 5510 BABCOCK BLVD PITTSBURGH PA 15237-2540
Trade Name: No Trade Name Exists	Phone: 000-000-0000
License No: R 4789	LID: 52362
License Type: RESTAURANT LIQUOR - (R)	County: ALLEGHENY COUNTY
Municipality (code): ROSS TWP - (670)	Status: ACTIVE

OWNER ISSUE DATES

Original Owner: 0/0/0000 Current Owner: 2/26/2004

OFFICER INFORMATION

Name: RONALD C LONGO - (ACTIVE)	Title(s): PRESIDENT SECRETARY/TREASURER DIRECTOR STOCKHOLDER
Name: MELISSA L REID - (ACTIVE)	Title(s): MANAGER/STEWARD

CITATION CASE INFORMATION

Case: 2009-0907 - CLOSED - 9/4/2009	Old Case: NONE
Penalty: FINE - (\$1,250.00)	New Case: NONE
Name: 1002 PERRY HIGHWAY, INC.	Initiation Date: 4/13/2009

Welcome to the Allegheny County Recorder of Deeds Online Search - Windows Internet Explorer

https://pa.allegheny.uslandrecords.com/paltr/controller?sessionid=16658141C70879CFE88B369A934FD6F51c

ALLEGHENY COUNTY PENNSYLVANIA

Tuesday, September 13, 2011

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Number	File Date	Type Desc.	Inst. Date	# Pgs.	Book/Vol/Page	Consideration
22528	09/09/2011	O & G		2	DE/14684/476	0.00

Mailback Details

PHILLIPS EXPLORATION INC
502 KEYSTONE DR
WARRENDALE, PA15086

Property Details

Loc	Block/Lot	Street #	Street
FAWN TP			

Grantor P C EXPLORATION INC

Grantee SCANGA CARL A
SCANGA MARY LYNN

Document Status Complete

E-Recorded: NO

Marginal Reference Documents 13687/510 2008 O & G

[Quick Document Viewer](#) (Not recommended for printing)
[View Save Printable Document](#) (Requires TIFF Plugin) [Click Here](#) for Instructions.

http://www.countr.allegheny.pa.us/ Internet | Protected Mode: On 100%





End-User Challenges

- What data to apply?
- Unfamiliar with existing tools
- Tools don't yet exist
- Existing tools use good data inappropriately, or rely on poor-quality data



Questionable use of crime data



Now servicing
Washington DC



Are You Safe lets you know how safe you are at all times based on your current location within the city.

All it takes is a quick tap to see a threat meter of your safety level along with hyperlocal crime data broken down by type.

Features:

- Simple visual representation of your safety level on the Threat Meter
- Up to date crime data from police and local city/governments
- Dynamically updated recent crime data for your surrounding area
- Walk /drive /bike /bus /canoe around and see your status update as you go

Uses:

- Visiting and unfamiliar with the city?
- Debating whether to walk or take a cab?
- Headed to an area you haven't been to before?
- Not sure if you should park your car on the street?

All Cities:

Atlanta , Washington D.C. , Sacramento , Indianapolis , Milwaukee , Chicago , San Francisco , Dallas , Hampton Roads (VA Beach, Norfolk, Chesapeake, Newport News, Suffolk, Portsmouth), Cincinnati



Proud to be a part of the Inauguration of Barack Obama

View Safety Heat Map



Contact Me

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