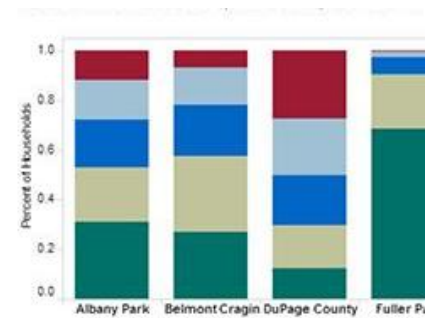


Woodstock Institute Data Portal Training



September 5, 2013

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Agenda

- About the data portal
- Data and formatting
- What's available
- Navigating the menus
- Choosing geographic areas
- Viewing/manipulating the data
- Downloading/exporting data
- Examples and Questions

About the data portal

- Our partners rely on our data/analysis
 - Woodstock provided more than 270 hours of technical assistance in 2012
- Community Lending Fact Book since 1984
- New Woodstock website
- Not meant to replace TA
- Evolving

What's new

- Compare chosen geographic locations
- More accessible
- Visualizations
- More data

	<u>Applications</u>	<u>Denials</u>	<u>Denial Rate</u>	<u>Total Originations</u>	<u>Orig</u>
Asian	373	61	16.4%	241	
African American	334	106	31.7%	154	
Latino	411	106	25.8%	214	
White	2,960	464	15.7%	1,942	
Other	35	5	14.3%	20	
Not Reported	586	123	21.0%	206	
Total	4,699	865	18.4%	2,777	

Note on formatting

Why is _____ in a _____ graph?

Why is it in totals, rather than displaying data for individual geographies?

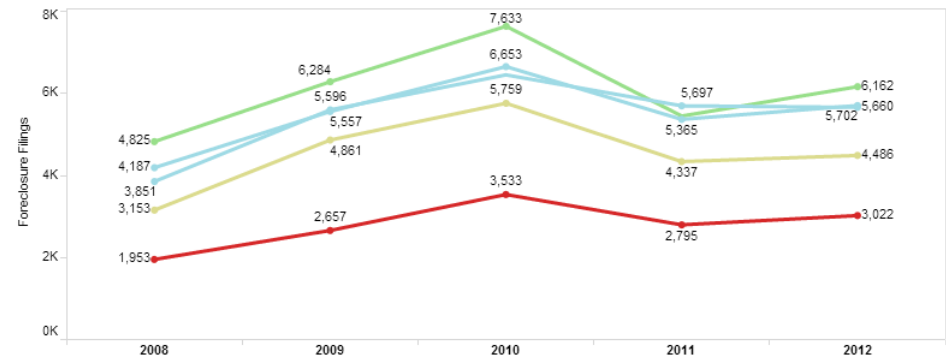
Why isn't this data available for municipalities?

Note on formatting

Formatting decisions were based on:

- Appealing to a wide audience
- Data sources
- Software

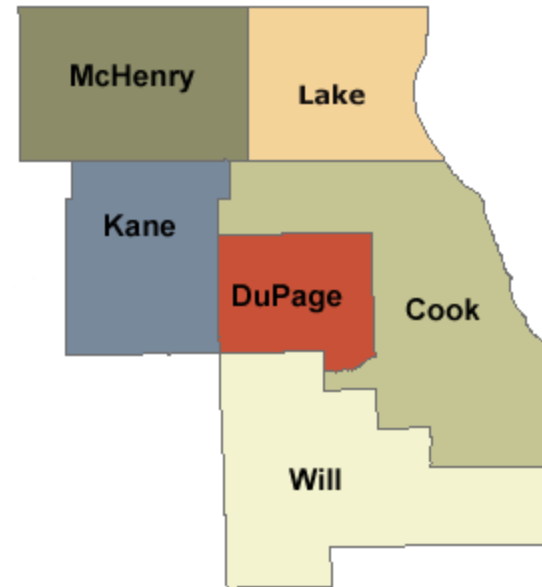
Foreclosure Filings (2008-2012)



What's available?

Data portal includes data for the Chicago six county region on:

- Foreclosures
- Mortgage applications
- Housing
- Income
- Employment



Visualizations

- **Foreclosures**
 - Foreclosure Filings
 - Completed foreclosure auctions
 - Filing Trends by Property Type
 - Auction Trends by Property Type
 - Percent Auctions REO
 - Filings & Auctions per 1000 Mortgageable Properties
- **Mortgage applications (purchase and refinance)**
 - Race by Action
 - Ethnicity by Action
 - Gender by Action
 - Occupancy by Race
 - Occupancy by Ethnicity
 - Occupancy by Gender
 - Loan Type Trends
 - Occupancy Trends
 - Multiyear Mortgage Lending Trends
 - Average Loan Size and Income
 - Top Lenders
- **Housing**
 - Vacancy Rates
 - Housing Units & Occupancy
- **Income**
 - No. of Households by Income Quintile
 - Percent of Households by Income Quintile
 - Income Statistics
- **Employment (residence and workplace)**
 - Percent Employment by Gender
 - Number Employed by Sector (graph)
 - Number Employed by Sector (chart)
 - Percent Employed, Private vs. Public

Navigating the portal

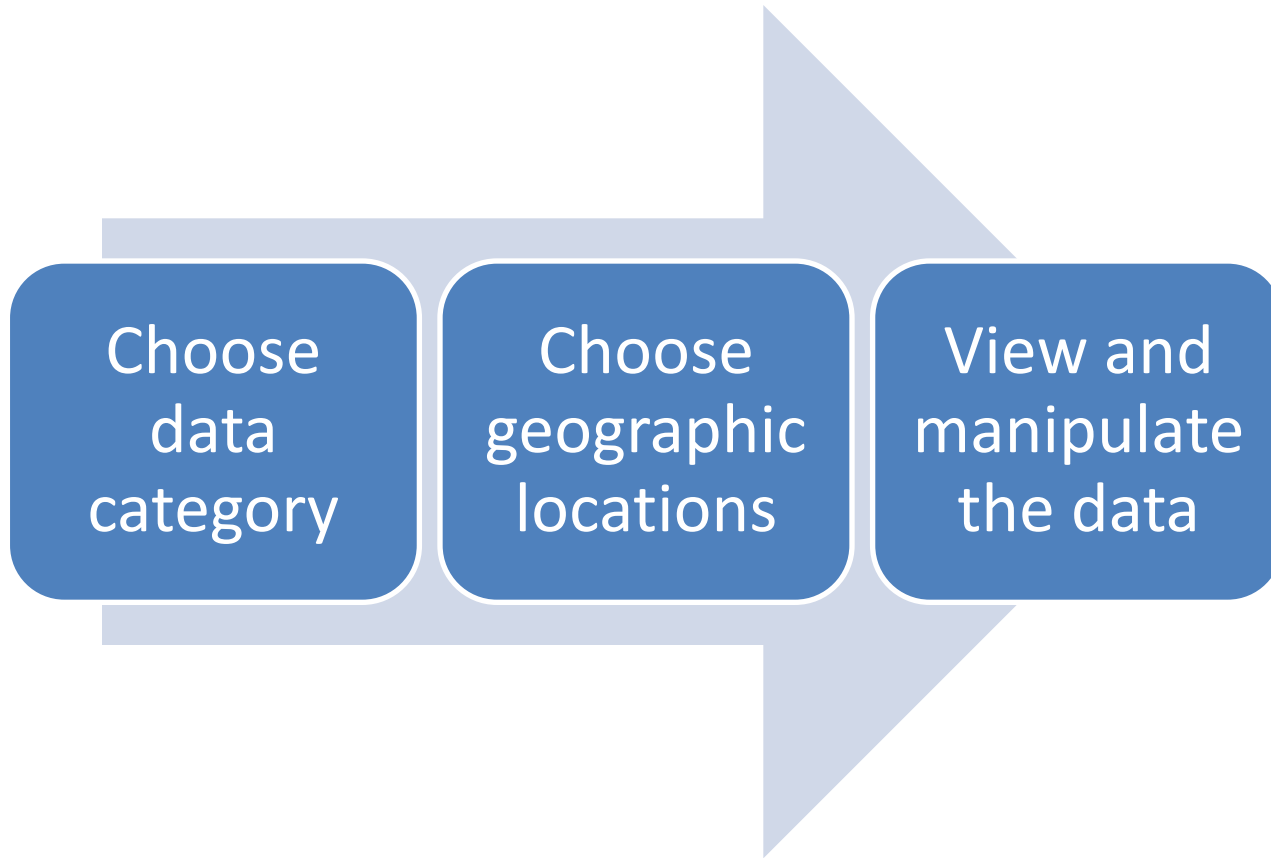
The screenshot displays the Woodstock Institute website. At the top left is the logo with the text "WOODSTOCK INSTITUTE" and the tagline "Advancing Economic Security and Community Prosperity". The navigation menu includes "Advocacy", "Blog", "Media Center", "Research", "Focus Areas", "Data" (circled in red), "About", and "Home". Below the navigation are social media icons for RSS, Facebook, Twitter, LinkedIn, and YouTube, along with a search bar.

The main content area features a large image of three people in a formal setting. To the right of the image is a headline: "Richard Cordray confirmed as CFPB director". Below the headline is a short paragraph: "Both Illinois Senators Mark Kirk and Richard Durbin voted in favor allowing the confirmation to proceed to an up-or-down vote, but unfortunately only Sen. Durbin voted to confirm Director Cordray." A "Read more" link with a right-pointing arrow is positioned below the text.

Below the image and headline is a light blue banner with the text: "Tell Reps. Hultgren & Foster NOT to Support Weakening CFPB Mortgage Rules". Underneath this is a paragraph: "The Consumer Mortgage Choice Act sounds like legislation that would be good for consumers. In actuality, it poses some serious threats to mortgage protections recently put in place by the CFPB." A blue "Take Action" button is located on the right side of the banner.


The footer is divided into three columns: "News", "Research", and "Upcoming events". Under "News" is the link "Woodstock Institute 40th Anniversary Research Symposium & Bash". Under "Research" is the link "Deciphering Blight: Vacant Buildings Data Collection in the Chicago Six". Under "Upcoming events" is the link "Data Portal Training".

Three Step Process



Choosing data category

Data



Foreclosure **Mortgage Lending** Housing Income Employment Instructions/FAQ

Purchase Refinance

Mortgage Lending - Purchase Applications

Choose which geographic areas to pull data from:

Counties

Choosing data category

Data

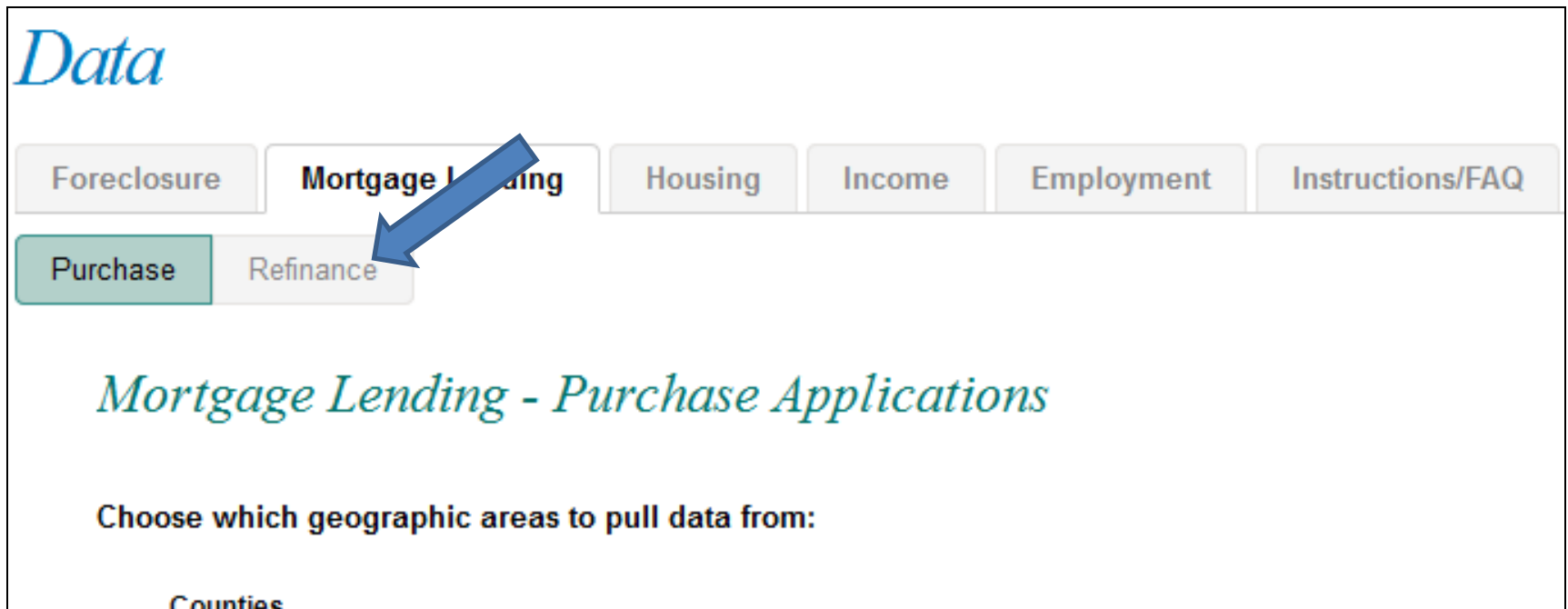
Foreclosure **Mortgage Lending** Housing Income Employment Instructions/FAQ

Purchase Refinance

Mortgage Lending - Purchase Applications

Choose which geographic areas to pull data from:

Counties

A screenshot of a web interface for selecting data categories. At the top, the word "Data" is written in a blue, italicized font. Below it, there are two rows of buttons. The first row contains six buttons: "Foreclosure", "Mortgage Lending", "Housing", "Income", "Employment", and "Instructions/FAQ". The "Mortgage Lending" button is highlighted in a darker grey. A blue arrow points from the "Mortgage Lending" button down to the "Purchase" button in the second row. The second row contains two buttons: "Purchase" and "Refinance". The "Purchase" button is highlighted in a teal color. Below the buttons, the text "Mortgage Lending - Purchase Applications" is displayed in a teal, italicized font. Underneath that, the text "Choose which geographic areas to pull data from:" is shown in a bold black font. At the bottom left, the word "Counties" is partially visible.

Instructions and FAQ

Data


Foreclosure **Mortgage Lending** Housing Income Employment **Instructions/FAQ**

Purchase Refinance

Mortgage Lending - Purchase Applications

Choose which geographic areas to pull data from:

Counties



Choosing geographic locations

	Chicago		
	County	Community Area	Municipality
Foreclosure	x	x	x
Mortgage Lending	x	x	
Housing	x	x	
Income	x	x	
Employment	x	x	x

Choosing geographic locations

County – Each of the six Chicago area counties (Cook, DuPage, Kane, Lake, McHenry, Will)

Community Area – Each of the 77 Chicago community areas plus each of the non-Cook counties

Municipality – Incorporated cities within the six Chicago area counties. Unincorporated areas aggregated together (“Unincorporated Area”)

Choosing geographic locations

Employment by Place of Residence

Data in this section is calculated by the place of workers' residence (rather than place of employment).

1. Choose counties to pull data from:

(All) ▼

OR

2A. Choose areas based on:

Community Area ▼

2B. Choose which areas to pull data from:

(All) ▼

Housing

Select Community Area(s)

(Multiple values)

Mo
Choo

- Garfield Ridge
- Grand Boulevard
- Greater Grand
- Hegewisch
- Hermosa
- Humboldt Park
- Hyde Park
- Irving Park
- Jefferson Park
- Kane County
- Kenwood

(Multiple values) ▼

Choosing geographic locations

WARNING

Choose geographies from multiple menus at your own risk!

- Choosing an individual county, then choosing a municipality will return only data for parts of that municipality in that county.
- Make sure to click refresh before switching geographies.

Viewing and manipulating data

Visualizations and data update as soon as you select any new option.

Visualizations and data display in two ways:

- Totals for selected geographies
- Data for each geography selected

Viewing and manipulating data

Auction Trends by Property Type (Totals for Selected Geographies)

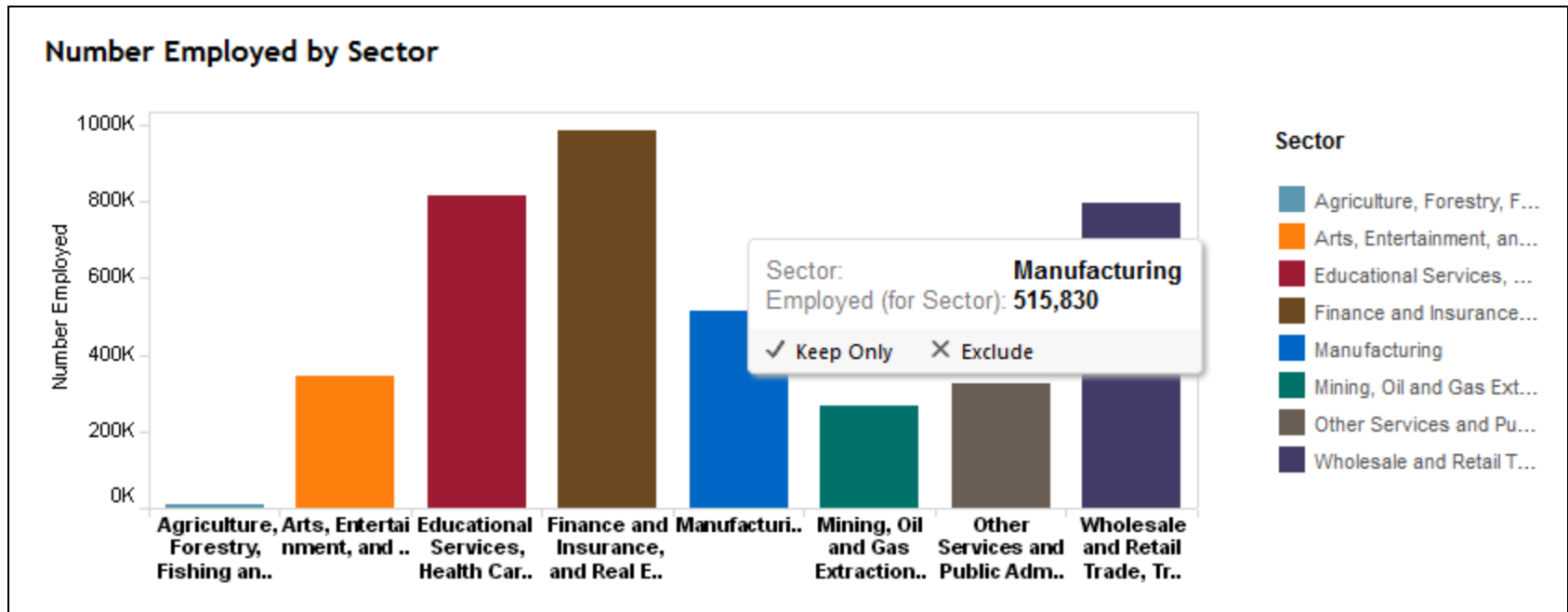
Property Type	2008	2009	2010	2011	2012
Condo	4,086	4,701	7,161	4,827	8,190
Multi Family	4,704	3,749	3,722	1,994	2,958
Single Family	16,759	16,293	20,098	13,460	24,097
Grand Total	25,549	24,743	30,981	20,281	35,245

Percent of Auctions REO

Area	2008	2009	2010	2011	2012
Cook	99.29	97.52	95.76	93.94	92.83
DuPage	97.79	90.05	92.45	88.18	86.30
Kane	99.11	94.22	92.67	91.79	91.16
Lake	99.83	98.43	96.55	94.33	90.31
McHenry	99.50	96.30	96.60	95.81	91.19
Will	99.24	94.73	94.77	92.47	86.52
Grand Total	99.23	96.51	95.33	93.34	91.26

Viewing and manipulating data

Hover over any data point to get more details.



Downloading/exporting data

Almost all data used for the Woodstock Institute data portal is available to download.

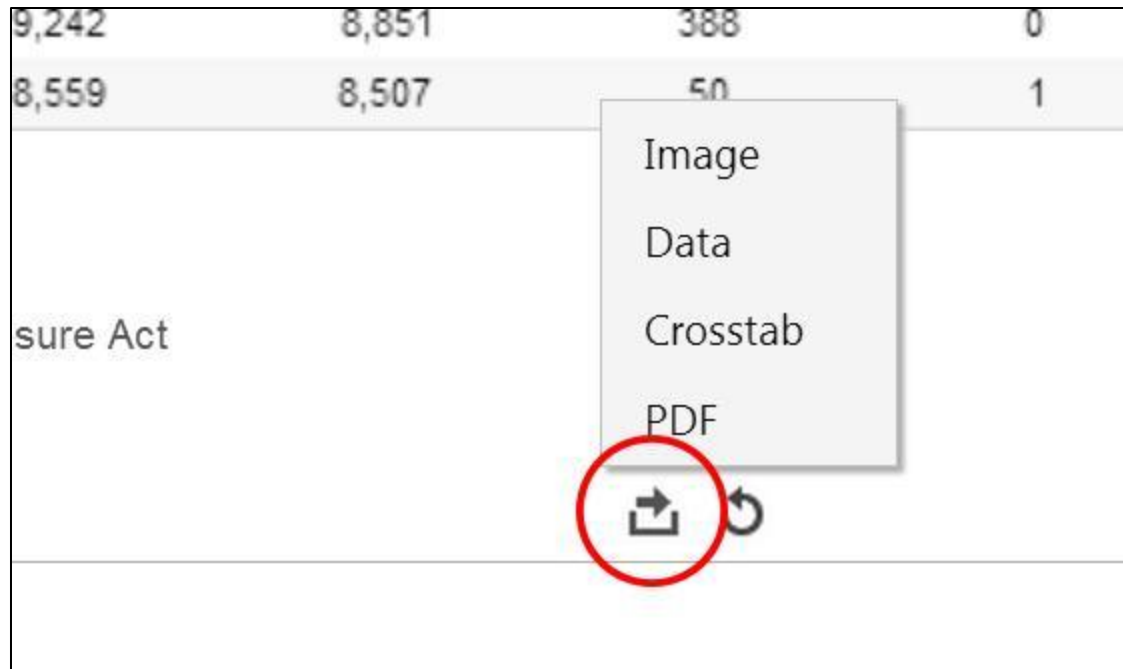
Currently a glitch with visualization software, so some ways of exporting data may not work at the moment.



Downloading/exporting data

Four ways to download from the data portal:

9,242	8,851	388	0
8,559	8,507	50	1
sure Act			



The screenshot shows a data table with the following values:

Row 1	Col 1	Col 2	Col 3	Col 4
9,242	8,851	388	0	
8,559	8,507	50	1	
sure Act				

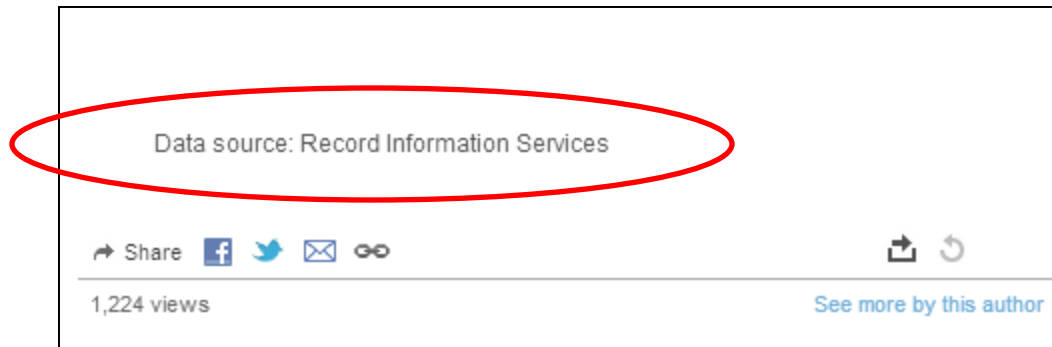
A context menu is displayed over the table, offering the following options:

- Image
- Data
- Crosstab
- PDF

Below the menu, there are two icons: a download icon (a square with an arrow pointing out) and a refresh icon (a circular arrow). The download icon is circled in red.

Data sources

All sources of data are included at the bottom of each page:



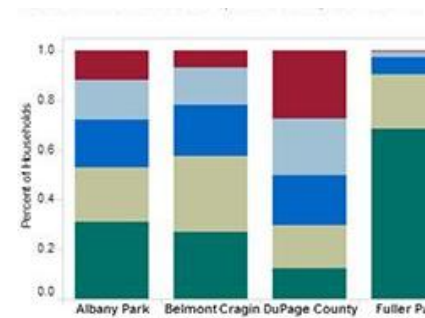
Examples

- How do completed foreclosure auctions compare in Woodlawn vs. Hyde Park?
- How does income distribution in Fuller Park compare to Woodlawn?
- How many mortgage purchase applications by African-Americans were originated and denied for Humboldt Park, Hermosa, and Logan Square?

Questions



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