



Guide to the WPRDC

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What is the WPRDC?

<https://www.wprdc.org/en>

Western Pennsylvania Regional Data Center

The WPRDC is a cumulative source of open data for Allegheny County and the City of Pittsburgh. Many different data-collection organizations share their data with the WPRDC in the spirit of open data. The WPRDC has a total of *more than 330 datasets!*

Open Data - data accessible and open to the general public



A partnership between the University of Pittsburgh, Allegheny County, and the City of Pittsburgh, the Western Pennsylvania Regional Data Center is the leading open data portal serving Western Pennsylvania. Our mission is to make local data publicly accessible, machine-readable, and free to use, modify, and share.

— WPRDC Mission Statement (wprdc.org)



Navigating the Website

Search our ever-growing collection of open data

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[EXPLORE THE DATA](#)

[LEARN MORE](#)

Already know what you're looking for? Go ahead and search with a keyword!

Search Filters

- Organizations
- Allegheny County 134
- City of Pittsburgh 122
- Western Pennsylvania Regional ... 16
- University of Pittsburgh 10
- Pittsburgh Regional Transit 9
- Baldwin Borough 7
- Pittsburgh Parking Authority 5
- BikePGH 4
- Pittsburgh Public Schools 4
- PWSA 4
- Show More Organizations
- Groups
- Transportation 27

Search datasets...

336 datasets found

Order by: Relevance

Allegheny County

Allegheny County Air Quality

Air quality data is collected from the Allegheny County Health Department monitors throughout the county. This data must be verified by qualified individuals before it can be considered official. The following data is unverified. This means that any electrical disruption or equipment malfunction can report erroneous...

Last Updated: December 2, 2023, 4:21 PM (UTC-05:00)

[CSV](#) [HTML](#) [GeoJSON](#) [TXT](#) [PDF](#)

Pittsburgh Parking Authority

Aggregated Parking Transactions

This dataset records Pittsburgh Parking Authority parking transactions for street parking and parking lots, aggregated in ten-minute bins by parking zone. Each row includes the start and end times of the ten-minute bin, the parking zone or lot, the number of transactions, and the payments made during that time span...

Last Updated: December 2, 2023, 4:17 PM (UTC-05:00)

[CSV](#) [HTML](#) [ZIP](#)

Organize your search with these search filters!

Search Filters

Organizations - Where did the data come from? Who collected and uploaded the data?

Groups - What overarching group does the dataset belong to? eg. energy, transportation, health, etc.

Tags - What specific keywords describe the dataset? eg. census, demographics, etc.

Formats - What format is the dataset in? *It's important to find a dataset in an appropriate format for your analysis tool.* eg. CSV (compatible with R), XLX (compatible with Excel), XLXS (compatible with Excel), etc.

Search our ever-growing collection of open data

SEARCH

A partnership between the University of Pittsburgh, Allegheny County, and the City of Pittsburgh, the Western Pennsylvania Regional Data Center is the leading open data portal serving Western Pennsylvania. Our mission is to make local data publicly accessible, machine-readable, and free to use, modify, and share.

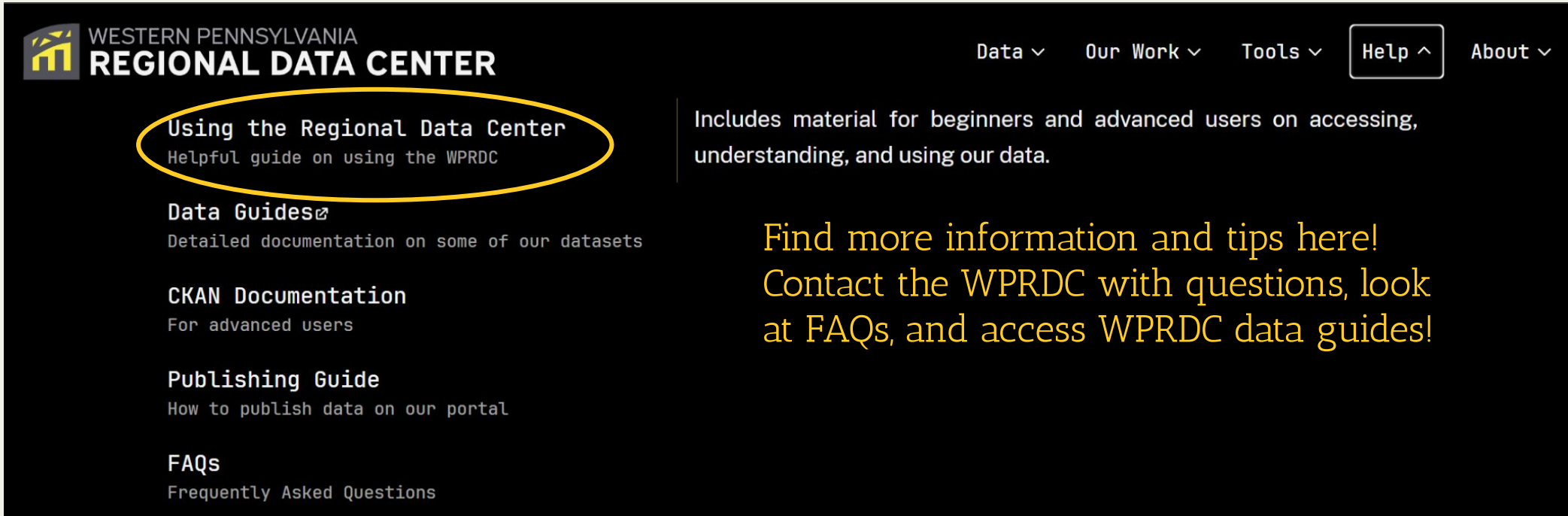
EXPLORE THE DATA

LEARN MORE



Need more help? Click on the help tab at the upper right corner of the home page.

The Help Tab



WESTERN PENNSYLVANIA
REGIONAL DATA CENTER

Data ▾ Our Work ▾ Tools ▾ **Help ^** About ▾

Using the Regional Data Center
Helpful guide on using the WPRDC

Data Guides
Detailed documentation on some of our datasets

CKAN Documentation
For advanced users

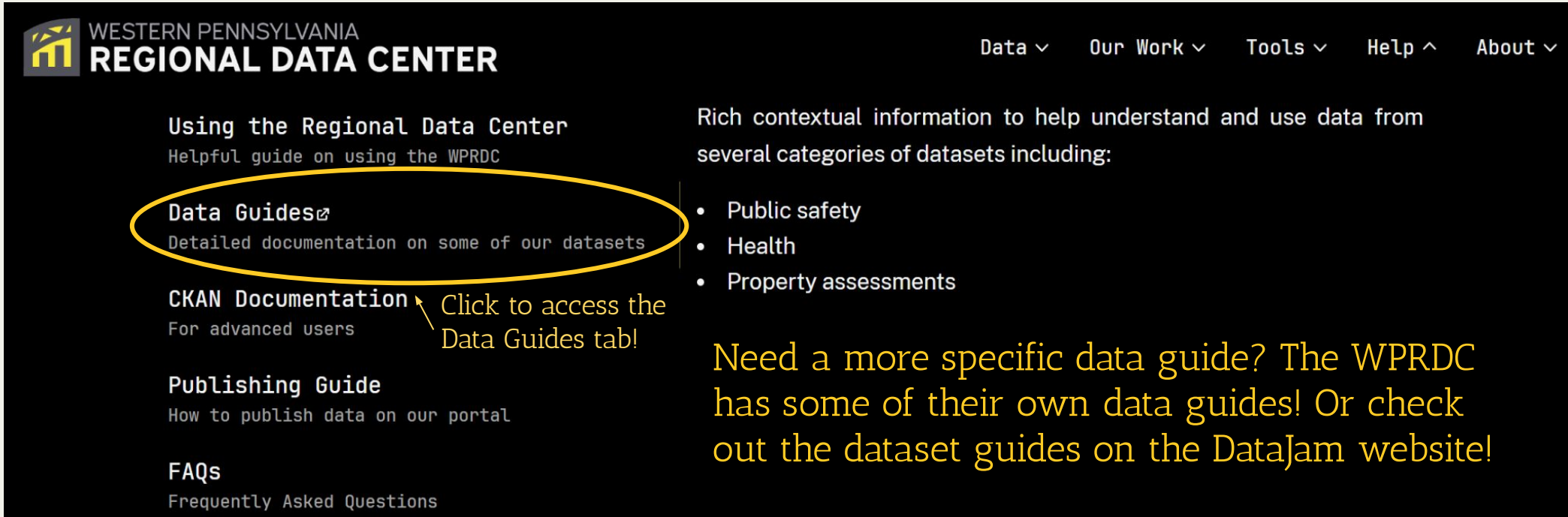
Publishing Guide
How to publish data on our portal

FAQs
Frequently Asked Questions

Includes material for beginners and advanced users on accessing, understanding, and using our data.

Find more information and tips here!
Contact the WPRDC with questions, look at FAQs, and access WPRDC data guides!

Dataset Guides on the Help Tab



The screenshot shows the Western Pennsylvania Regional Data Center website. The header includes the logo and name, and a navigation menu with 'Data', 'Our Work', 'Tools', 'Help', and 'About'. The 'Help' menu is expanded, showing several options: 'Using the Regional Data Center', 'Data Guides', 'CKAN Documentation', 'Publishing Guide', and 'FAQs'. The 'Data Guides' option is circled in yellow, and an arrow points to it with the text 'Click to access the Data Guides tab!'. To the right of the 'Data Guides' link, there is a list of categories: 'Public safety', 'Health', and 'Property assessments'. Below this list, there is a yellow text box with the message: 'Need a more specific data guide? The WPRDC has some of their own data guides! Or check out the dataset guides on the DataJam website!'.

WESTERN PENNSYLVANIA
REGIONAL DATA CENTER

Data ▾ Our Work ▾ Tools ▾ Help ^ About ▾

Using the Regional Data Center
Helpful guide on using the WPRDC

Data Guides
Detailed documentation on some of our datasets

CKAN Documentation Click to access the Data Guides tab!
For advanced users

Publishing Guide
How to publish data on our portal

FAQs
Frequently Asked Questions

Rich contextual information to help understand and use data from several categories of datasets including:

- Public safety
- Health
- Property assessments

Need a more specific data guide? The WPRDC has some of their own data guides! Or check out the dataset guides on the DataJam website!

03

Essential Tools

Useful Tools on the website

The screenshot shows the Western Pennsylvania Regional Data Center website. The navigation bar includes 'Data', 'Our Work', and 'Tools', with a yellow arrow pointing to the 'Tools' tab. The main content area is titled 'Tools' and features four tool categories:

- Economic Indicators:** See indicators of Allegheny County's economic health. Measure its performance against other geographies. Includes a chart for Housing Vacancy Rate (11.1% vs 15.4% prior year) and Pittsburgh MSA Nonfarm Jobs (1,165,910 vs 1,185,000 prior year).
- Community Profiles:** Directory of All WPRDC Topics for Southwestern PA. Includes a bar chart for Population by Age (1 to 17 years, 18 and 24 years, 25 to 34 years, 35 to 44 years, 45 to 54 years, 55 to 64 years, 65 years and over).
- Greenprint:** Build maps with open data. Focused on environmental data. Includes a leaf icon.
- HouseCat:** A map tool for exploring housing data, showing a map of Allegheny County with various colored markers.

- From the home page, access the tools tab in the upper right corner
- The tools tab also provides many helpful extensions to visualize characteristics of datasets
- Four main categories of tools
 - 1. Economic Indicators
 - 2. Community Profiles
 - 3. Greenprint
 - 4. HouseCat

1. Economic Indicators

- Clicking on the Economic Indicators tab will bring you to a page with a Tableau link
- This uses data from their page to create interactive dashboards of graphs and charts based on economic data
- This link will bring you to the Tableau

WESTERN PENNSYLVANIA REGIONAL DATA CENTER

Home / Tools

Tools

Housing Vacancy Rate
11.1% (2019)
15.4% (2018)

Pittsburgh MSA Nonfarm Jobs
1,165,910 (2019)
1,186,000 (2018)

Population by Age

Age Group	2019
19 to 17 years	~100,000
18 and 24 years	~150,000
25 to 34 years	~180,000
35 to 44 years	~120,000
45 to 54 years	~100,000
55 to 64 years	~80,000
65 years and over	~60,000

Community Profiles

Directory of All WPRDC Topics for Southwestern PA

Greenprint

Build maps with open data. Focused on environmental data.

HouseCat

WESTERN PENNSYLVANIA REGIONAL DATA CENTER

Home / Tools / Economic Indicators

Economic Indicators

See indicators of Allegheny County's economic health. Measure its performance against other geographies.

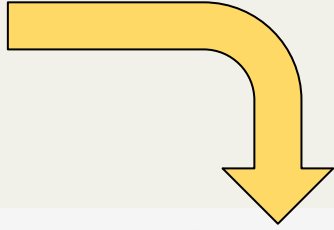
https://tableau.alleghenycounty.us/t/PublicSite/views/EconomicIndicatorsDashboard/EconomicIndicators?iframeSizedToWindow=true&embed=y&showAppBanner=false&display_count=no

A dashboard providing indicators of Allegheny County's economic health and performance. It uses Economic data gathered from three federal agencies, the Commonwealth data source, and private enterprise.

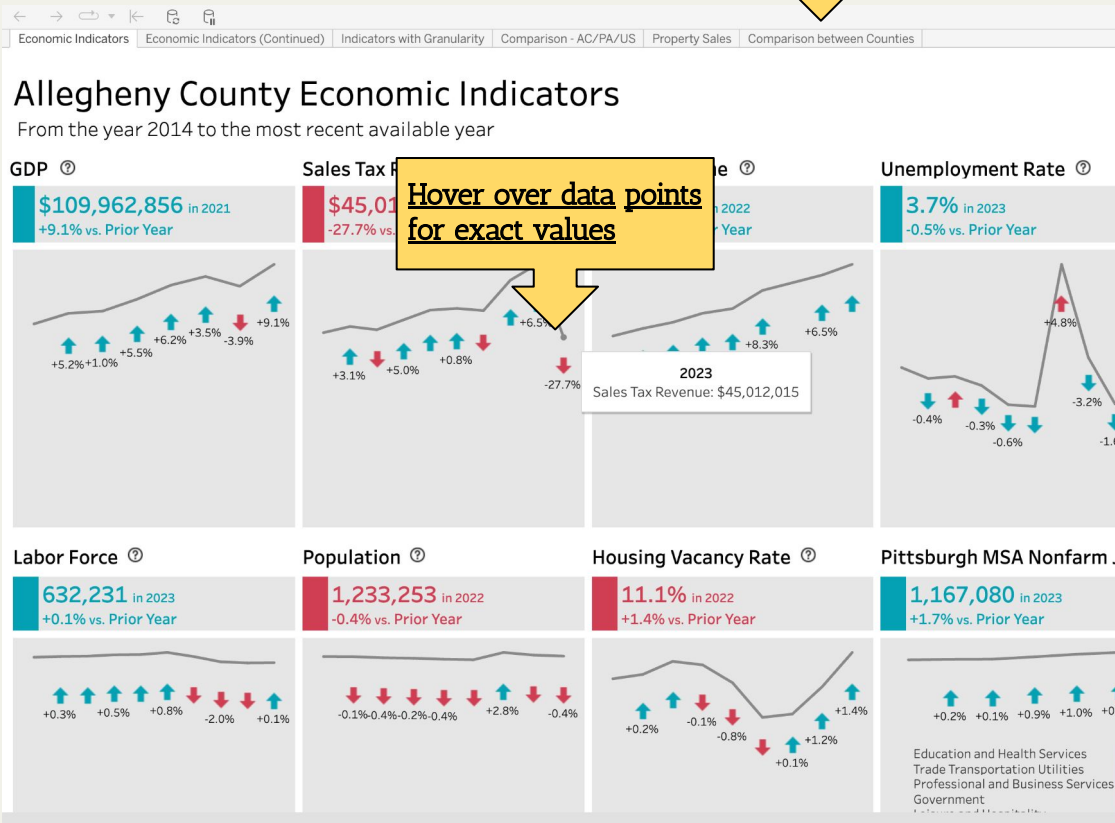
Federal government agencies: US Census data and American Community Survey tables—sourced from [available post-2020 data sources](#) and the [vintage 2020 dataset](#) from the Census Bureau—gathered for US, Pennsylvania, and county geographies. Three products from the federal Bureau of Labor Statistics—[Local Area Unemployment Survey](#) (LAUS), [State & Area Current Employment Statistics](#) (CES), and the [Quarterly Census of Employment Wages](#)—utilizing the most recent data available for either US, State, or county level geographies.

Commonwealth data source: Registered business within PA provided by the Commonwealth open data portal: [available at this link](#).

Tabs to explore various economic trends



Tableau



- The tabs at the top include the type of economic data the charts cover
 - Economic Indicators
 - Indicators with Granularity
 - Comparison of Allegheny County, PA, and the US
 - Property Sales
 - Comparison between Counties

Community Profiles main page

Community Profiles

Directory of all WPRDC topics for Southwestern PA

Find information about your neighborhood.

This is a work in progress. Please check back often for updates.

Apps

Explore all the Data

Explore data and statistics about different areas in Southwest PA.

Community Data Explorer

Explore health data for select neighborhoods in SWPA.

Housing Indicators

Community-level topics focused on housing.

Tools

API

Map Tile Server

Component Library

Community Profiles Page

- This page has many different ways to explore data on specific neighborhoods
- One especially helpful app is under "Explore all the Data"

"Explore all the Data" page

Community Profiles

Directory of all WPRDC topics for Southwestern PA

Select an area to explore

PICK A TYPE OF AREA
Select an option

SEARCH FOR A COUNTY

or

USE THE MAP

PENNSYLVANIA /
Allegheny County

TOPIC EXPLORER / DEMOGRAPHICS

DEMOGRAPHICS HEALTH AND ACCESS TO CARE HOUSING TRANSPORTATION AND ENVIRONMENT SOCIAL AND ECONOMIC FACTORS

Demographics

These indicators show the distribution of age, race, ethnicity, and other demographic characteristics across city neighborhoods and municipalities in the Pittsburgh region.

Population Counts

Total Population
1, 221, 744

Total Population

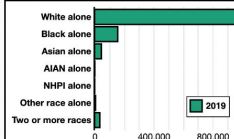
The number of people living in a selected area.

Youth Population
19%

229,660 / 1,221,744

Youth Population

Count and percentage of population ages 0 - 17



Population by Race

Population count and percent by race.

1.

2.

3.



1. Select which type of area you want to separate Southwestern PA into



2. Explore demographics of the population, health care, housing, transportation, environment, and social and economic factors



3. Scroll through to find interesting trends!

Overview of other tools on the Community Profiles Page

Community Profiles

Directory of all WPRDC topics for Southwestern PA

Find information about your neighborhood.

This is a work in progress. Please check back often for updates.

Apps

Explore all the Data Explore data and statistics about different areas in Southwest PA.	Community Data Explorer Explore health data for select neighborhoods in SWPA.	Housing Indicators Community-level topics focused on housing.
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Tools

API	Map Tile Server	Component Library
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Community Data Explorer

- ★ Quality of life and Equitable Access to Opportunity in REACH Neighborhoods (Racial and Ethnic Approaches to Community Health)

Housing Indicators

- ★ Data on housing statistics in different neighborhoods

3. Greenprint

- Greenprint allows you to make your own map of Allegheny County using specific layers that you choose!

The screenshot shows the Western Pennsylvania Regional Data Center website. The header includes the logo and navigation links: Data, Our Work, Tools, Help, and About. The main content area is titled 'Tools' and features several interactive data visualization options:

- Economic Indicators:** Includes a 'Housing Vacancy Rate' chart showing 11.1% in 2022 (up from 10.4% in 2021) and a 'Pittsburgh MSA Nonfarm Jobs' chart showing 1,165,910 in 2022 (up from 1,246,000 in 2021). A table lists various economic sectors with their respective percentages.
- Community Profiles:** A horizontal bar chart titled 'Population by Age' showing the distribution of the population across age groups: 15 to 17 years, 18 and 24 years, 25 to 34 years, 35 to 44 years, 45 to 54 years, and 65 years and over. The year 2019 is highlighted.
- Greenprint:** A highlighted section with a leaf icon and the text 'GREENPRINT'. It states: 'Greenprint Build maps with open data. Focused on environmental data.'
- HouseCat:** A map interface with a sidebar for selecting data layers and a 'MAPS FILTERS' button.



GREENPRINT

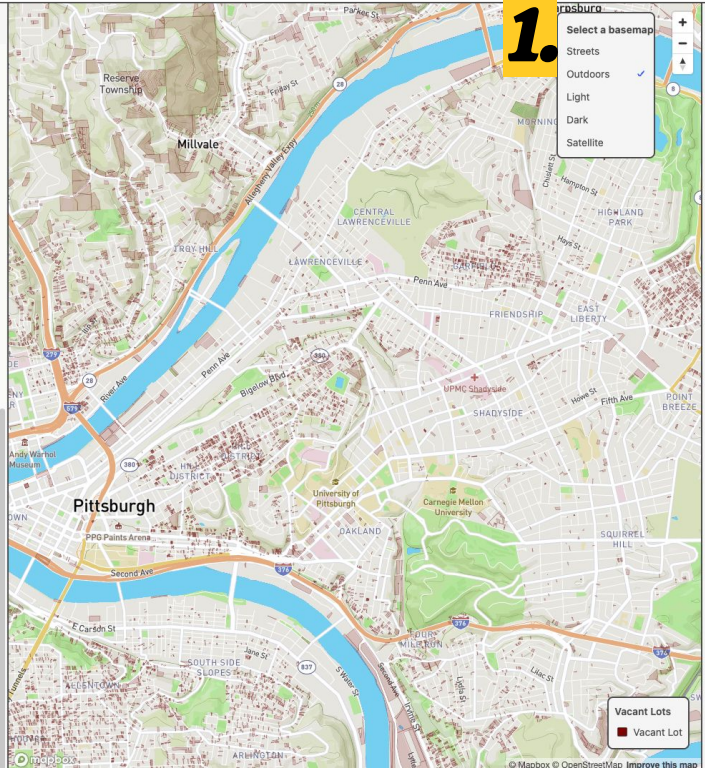
A PROJECT OF ALLEGHENY LAND TRUST AND THE WESTERN PENNSYLVANIA REGIONAL DATA CENTER

2.

Select your layers:

- Landslides
Allegheny County
- Sensitive Slope Areas
Allegheny County
- Land Use
Allegheny County
- Flood Zones
Allegheny County
- Hydrology Lines
Allegheny County
- Hydrology Areas
Allegheny County
- Landslide Prone Areas
Pittsburgh
- Slope > 25%
Allegheny County
- MOBILITY
- Healthy Ride Stations
Pittsburgh
- Public Transit Stops
Allegheny County
- Public Transit Routes
Allegheny County
- City Steps
Pittsburgh
- Bike Trails
Allegheny County
- Bike Lanes
Allegheny County
- OTHER KEY FEATURES
- Brownfields
Allegheny County
- Tax Liens
Allegheny County
- Vacant Lots
Allegheny County
- City Owned Properties
Pittsburgh
- Tax Delinquent
Pittsburgh
- Environmental Justice Areas
Allegheny County

1.



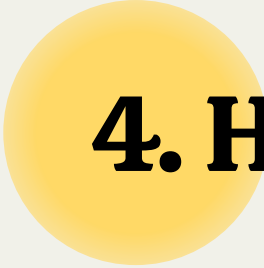
Welcome to Greenprint

To better inform land use decisions and ownership considerations ALT is developing an intersectional analysis of parcel status of the Greater Pittsburgh Region, with a focus on key regional initiatives. Urban greening is a multi-benefit solution to many of the issues facing the region, such as landslides, water management and combined sewer overflows, which have arisen from inappropriate development and poor and aging infrastructure. This "Greenprint" will emphasize greenspaces as solutions, recognizing that all forms of urban greening can positively contribute to the overall health and benefit of the area. The Greenprint will guide ALT, policy makers, and the community on the best uses of parcels to improve comprehensive regional planning and decision-making.

- The Greenprint project is a full partnership between [Allegheny Land Trust](#) and the [Western Pennsylvania Regional Data Center](#).
- We (ALT and WPRDC) have worked together to obtain the datasets for this project.
- This is now a "living" project which will update and evolve over time. You can view the code and submit issues at [the Github Repository](#).

Greenprint Maps

1. Select your basemap (Streets, Outdoors, Light, Dark, or Satellite)
2. Select layers of what you want to include in your visualization
 - Examples: Flood Zones, Public Transit Stops, Environmental Justice Areas
3. Observe connections or trends in your map!



4. Housecat

Housecat can be helpful for housing data in Pittsburgh!

Special Uses:

1. Allows people to view data for a project, and filter the data to display a subset of properties including those with low inspection scores and those that may have their subsidies expire in coming years
2. Create watch lists of properties whose affordability is at risk.
3. Properties can be viewed on a map, with data associated with each property displayed on screen.

Tools

Housing Vacancy Rate Pittsburgh MSA Nonfarm Jobs

11.1% Vacant 1,165,930 Total

1.4% in Prior Year 1.6% in Prior Year

Economic and Health Services
Health Transportation Services
Professional and Business Services
Government Administration
Manufacturing
Construction
Retail Trade
Other Services
Information and Technology
Intergovernmental

Economic Indicators

See indicators of Allegheny County's economic health. Measure its performance against other geographies.

1d to 17 years
18 and 24 years
25 to 34 years
35 to 44 years
45 to 54 years
55 to 64 years
65 years and over

0 80,000 160,000 240,000

2019

Population by Age

Community Profiles

Directory of All WPRDC Topics for Southwestern PA

GREENPRINT

Greenprint

Build maps with open data. Focused on environmental data.

HouseCat

Affordable housing data catalog.

HouseCat
affordable housing information catalogue

MAP WATCHLIST SEARCH INDICATORS TERMS OF USE ABOUT

Zoom Map To ZIP CODE PITTsburgh NEIGHBORHOOD

Filter

HUD MULTIFAMILY SUBSIDY EXPIRATION
Select an option

LHFC COMPLIANCE PERIOD
Select an option

HUD MULTIFAMILY AND PUBLIC HOUSING INSPECTION SCORES
Select an option

RECENT INSPECTIONS
Select an option

FUNDING CATEGORY
Select an option

STATUS
Select an option

APPLY FILTERS RESET

H.J. HEINZ LOFTS
300 HEINZ ST

QUICK FACTS

Subsidy Expiration Date:
LHFC Year of Service: N/A
Est. # of Units: 267
Funding Category: HUD Multifamily
REAC Scores: N/A

ALL DATA

Jump to a dataset:
HUD Multifamily Fiscal Year Production

FHA Loan ID	03335283
Units	267
Initial Endorsement Date	6/19/2011
Original Mortgage Amount	\$34,977,600.00
Risk Share	Basic FHA
Current Loan Status	Finally Endorsed
Date of Firm Issue	4/25/2011
Program Category	223x7 Refl Apts
Holder Name	BELLWETHER REAL EST CAPITAL
Form Commitment Lender	BELLWETHER REAL EST CAPITAL

FHA Loan ID	03335246
Units	267
Initial Endorsement Date	7/1/2003
Original Mortgage Amount	\$35,000,000.00
Risk Share	Basic FHA
Current Loan Status	Finally Endorsed
Date of Firm Issue	5/4/2003
Program Category	FHA NCSR Apts
Holder Name	PNC BANK NA
Form Commitment Lender	MIDLAND LOAN SERVICES INC

LEGEND

Affordable Housing Projects by Funding Type

- HUD Multifamily
- LHFC
- Public Housing
- More than one funding source
- Other/Unable to Determine

Marker size based on unit count
Closed projects have a red stroke

© Mapbox © OpenStreetMap Improve this map

Build by the Western Pennsylvania Regional Data Center and CMU CARTO 1.0

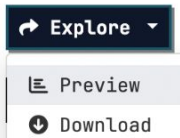
Terms of Service Source Code



Accessing the Datasets

Did you know?

- The WPRDC datasets are very clean and organized, so there's not a lot of data cleaning needed!
- The datasets on the WPRDC are easily previewable before you download!
- Choose any dataset of your choice, click the "Explore" button, and then click "Preview"
- *Example:* Pittsburgh Parking Authority "Zone and Lot Attributes" Dataset



From the "Datasets" Page

A screenshot of the Pittsburgh Parking Authority datasets page. The page title is 'Pittsburgh Parking Authority'. It shows a list of datasets: 'Aggregated Parking Transactions', 'Pittsburgh Parking Meters and Payment Points', 'Zone and Lot Attributes', and 'Parking Purchases (Beta)'. The 'Zone and Lot Attributes' dataset is highlighted with a yellow box and a yellow arrow pointing to it. The page also shows a sidebar with 'Followers' (0) and 'Datasets' (5), and a list of organizations and groups.

A screenshot of the Pittsburgh Parking Authority 'Zone and Lot Attributes' dataset page. The page title is 'Zone and Lot Attributes'. It shows a description of the dataset: 'This dataset includes a table with space counts, number of meters, rates, and parking types for each zone, as sampled on particular dates. A second table includes lease counts by lot, also with the dates that the counts were made.' There are two data and resource links: 'Space Counts and Rates' and 'Lease Counts by Lot'. A yellow arrow points to the 'Preview' button in the dropdown menu. The page also shows a sidebar with 'Followers' (0) and 'Organization' (Pittsburgh Parking Authority). At the bottom, there is a table with 'Field' and 'Value' columns.

The Preview Page

Space Counts and Rates [Download your dataset in the format you need!](#) [Download](#) [Data API](#)

URL: <https://data.wprdc.org/datastore/dump/4d4a0668-7905-4db6-985e-f7575a9e3160>

Dataset description:
This dataset includes a table with space counts, number of meters, rates, and parking types for each zone, as sampled on particular dates. A second table includes lease counts by lot,...

Source: [Zone and Lot Attributes](#)

Table

[Add Filter](#) [Filter variables here](#)

Fullscreen Embed

Show 20 entries: [Click here for ascending or descending order](#)

Showing 1 to 20 of 125 entries

_id	Zone	As of	Space count	Rate	Rate description	Meter count	Park.
1	301 - Sheridan Harvard Lot	2017-03-06	41	1	\$1.00/HR	2	off-
2	302 - Sheridan Kirkwood Lot	2017-03-06	114	1	\$1.00/HR	3	off-
3	304 - Tamello Beatty Lot	2017-03-06	76	1	\$1.00/HR	2	off-
4	307 - Eva Beatty Lot	2017-03-06	130	1	\$1.00/HR	2	off-
5	311 - Ansley Beatty Lot	2017-03-06	23	1	\$1.00/HR	1	off-
6	314 - Penn Circle NW Lot	2017-03-06	125	1	\$1.00/HR	2	off-

- This page lets you preview the content of the dataset before you download it to your computer
- It allows you to filter the variables, and arrange the variables in ascending/descending order
- For example: What is the parking lot that has the most parking spaces?
 - Go to the variable "Space Count" and click the tiny arrows to the right two times to get descending order, the first entry is the lot with the most spaces

Did you know?

- Every dataset accessible through the WPRDC has metadata! This is basically data about data, so you know where the data comes from and how it was collected.
- Scroll down on the preview page and you will find the information from the dataset!
- *Example:* Pittsburgh Parking Authority "Zone and Lot Attributes" Dataset
 - Scroll down on the preview page, and look at when/how your data was collected!

From the Preview Page

The screenshot shows the dataset preview page for "Space Counts and Rates". It includes a URL, a dataset description, and a table of data. The table has columns for _id, Zone, As of, Space count, Rate, Rate description, Meter count, and Park. The data rows show various parking lots with their respective attributes.

_id	Zone	As of	Space count	Rate	Rate description	Meter count	Park
1	301 - Sheridan Harvard Lot	2017-03-06	41	1	\$1.00/HR	2	off-
2	302 - Sheridan Kirkwood Lot	2017-03-06	114	1	\$1.00/HR	3	off-
3	304 - Tanello Beatty Lot	2017-03-06	76	1	\$1.00/HR	2	off-
4	307 - Eva Beatty Lot	2017-03-06	130	1	\$1.00/HR	2	off-
5	311 - Ansley Beatty Lot	2017-03-06	23	1	\$1.00/HR	1	off-
6	314 - Penn Circle NW Lot	2017-03-06	125	1	\$1.00/HR	2	off-

Scroll down to reveal info on your dataset!

The screenshot shows the "Data Dictionary" section, which provides a table of column information. The table has columns for Column, Type, Label, and Description.

Column	Type	Label	Description
zone	text	Zone	Reporting-zone identifier
as_of	text	As of	Date that these counts were reported
spaces	int4	Space count	Number of parking spaces in zone
rate	float8	Rate	Hourly cost of parking in zone (float)
rate_description	text	Rate description	Hourly cost of parking in zone (text)
meters	int4	Meter count	Number of meters in zone
type	text	Parking type	Indicates whether parking is on-street or off-street (as in a parking lot)

The screenshot shows the "Additional Information" section, which provides a table of metadata. The table has columns for Field and Value.

Field	Value
Data last updated	March 11, 2019
Metadata last updated	May 21, 2023
Created	unknown
Format	CSV
License	Creative Commons Attribution
Created	5 years ago
Media type	text/csv
Datastore active	True
Has views	True
Id	4d4a0668-7905-4db6-985e-f7575a9e3160
Package id	b3f75d36-aad6-4868-88bc-452caf09233b
Position	0
Revision id	f8cbbdf2-2375-4398-a6cb-ea821c5bf393
State	active
Url type	datapusher

Steps for the WPRDC

Explore Datasets

Using data visualization tools, filtering datasets, and searching for topics of interest

Preview Dataset of Interest

Open up the dataset you're interested in and look it over to make sure it is what you need to answer your statistical question

Download the Dataset

Download your file into whatever format you need, and export it to your analyzation tool of choice!

GET ANALYZING! 😊

GOOD LUCK!