

PA Conserved Land Metrics

Web Map Application Tutorial





PA Conserved Land Metrics

by WeConservePA

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Federal Lands ☐

No data

State Lands ☐

14,976

Local Parks & Open Space ☐

3,580

Land Trust Lands ☐

2,473

Conservation Easements ☐

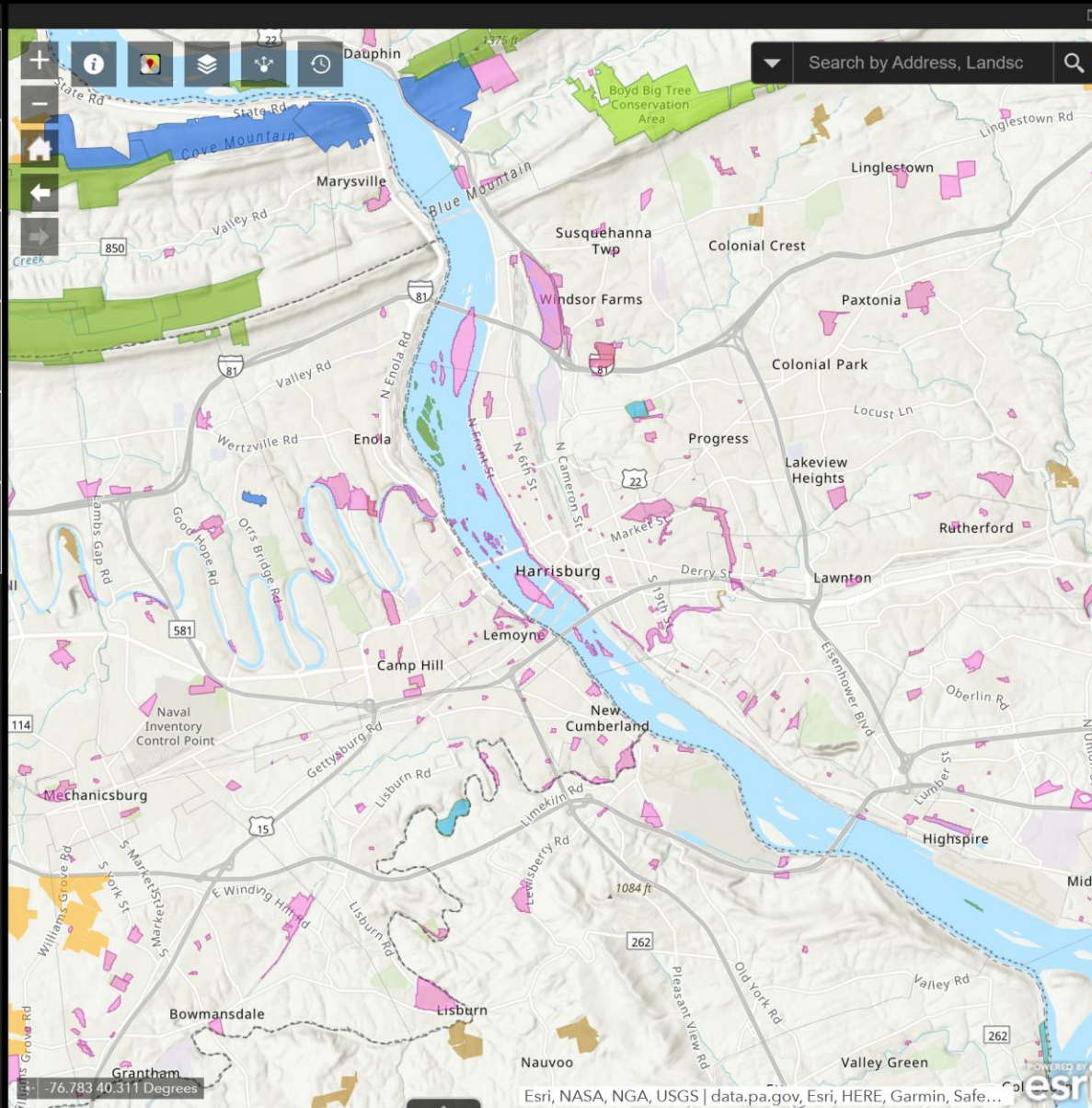
665

Agricultural Easements ☐





1,067







Info Summary ☐

	Federal	0
	State	44
	Land Trust Lands	6
	Local Parks & Open Space	225
	Conservation Easements	18
	Farm Easements	14



1) Query by County, Watershed, or Landscape ☐

Tasks	Results
	County / Counties
	Major Basins
	HUC 12
	DCNR Landscapes

Tasks	Results
	Land Trust Lands
	Conservation Easements
	Farm Easements
	Local Parks & Open Space
	State
	Federal

Where can I find this map?

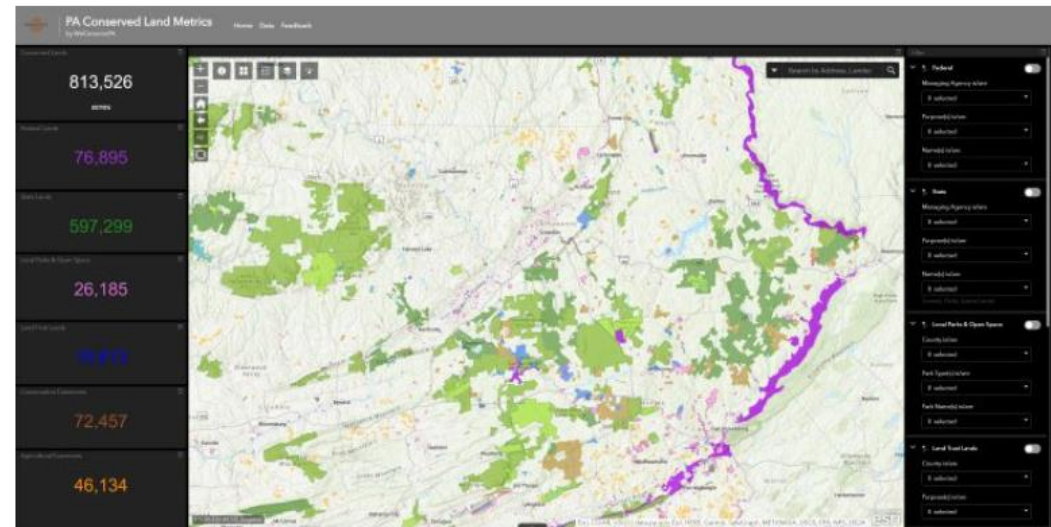
- Navigate to <https://weconservepa.org/gis/> and select “Launch web map” under “PA Conserved Lands Summary Metrics”

Conserved Lands Summary Metrics

This map provides the user with the number of and acreages of conserved land within the viewing window. It includes multiple filter levels to allow the map customization to depict user-specified land ownership and easement holders along with by county, watershed, and landscape.

LAUNCH WEB MAP

TUTORIAL

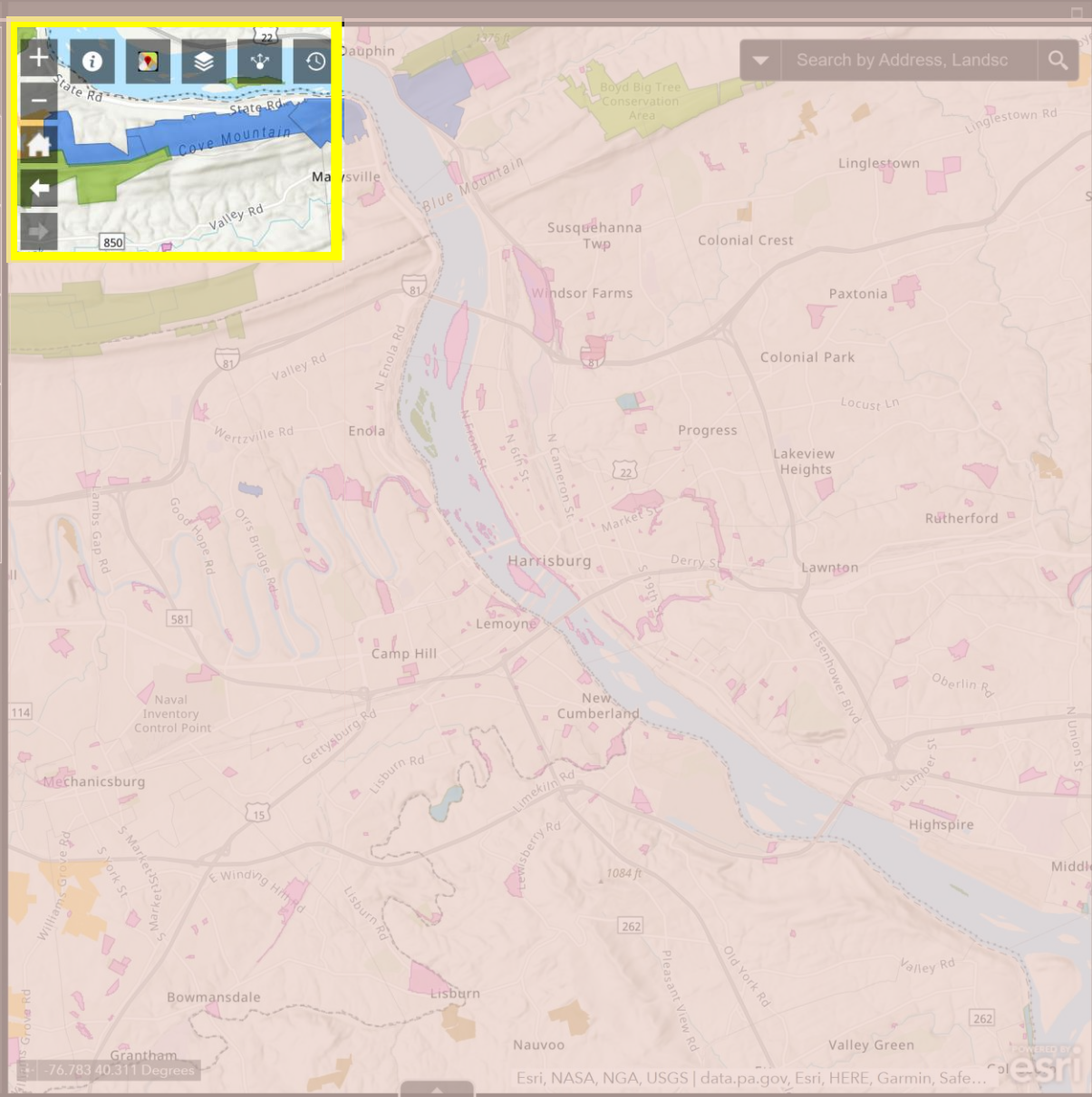


Basic Controls



Federal Lands	No data
State Lands	14,976
Local Parks & Open Space	3,580
Land Trust Lands	2,473
Conservation Easements	665
Agricultural Easements	1,067

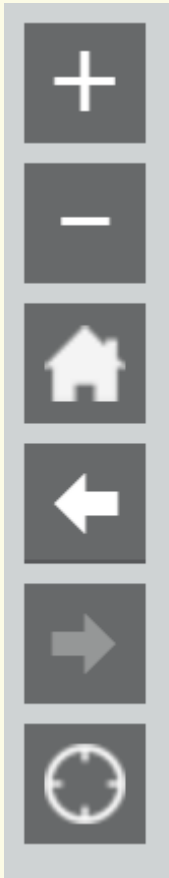
Federal	0
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Tasks	Results
County / Counties	
Major Basins	
HUC 12	
DCNR Landscapes	

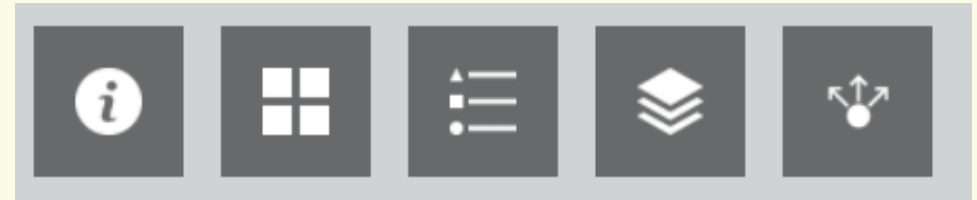
Tasks	Results
Land Trust Lands	
Conservation Easements	
Farm Easements	
Local Parks & Open Space	
State	
Federal	

Basic Controls



Left Column

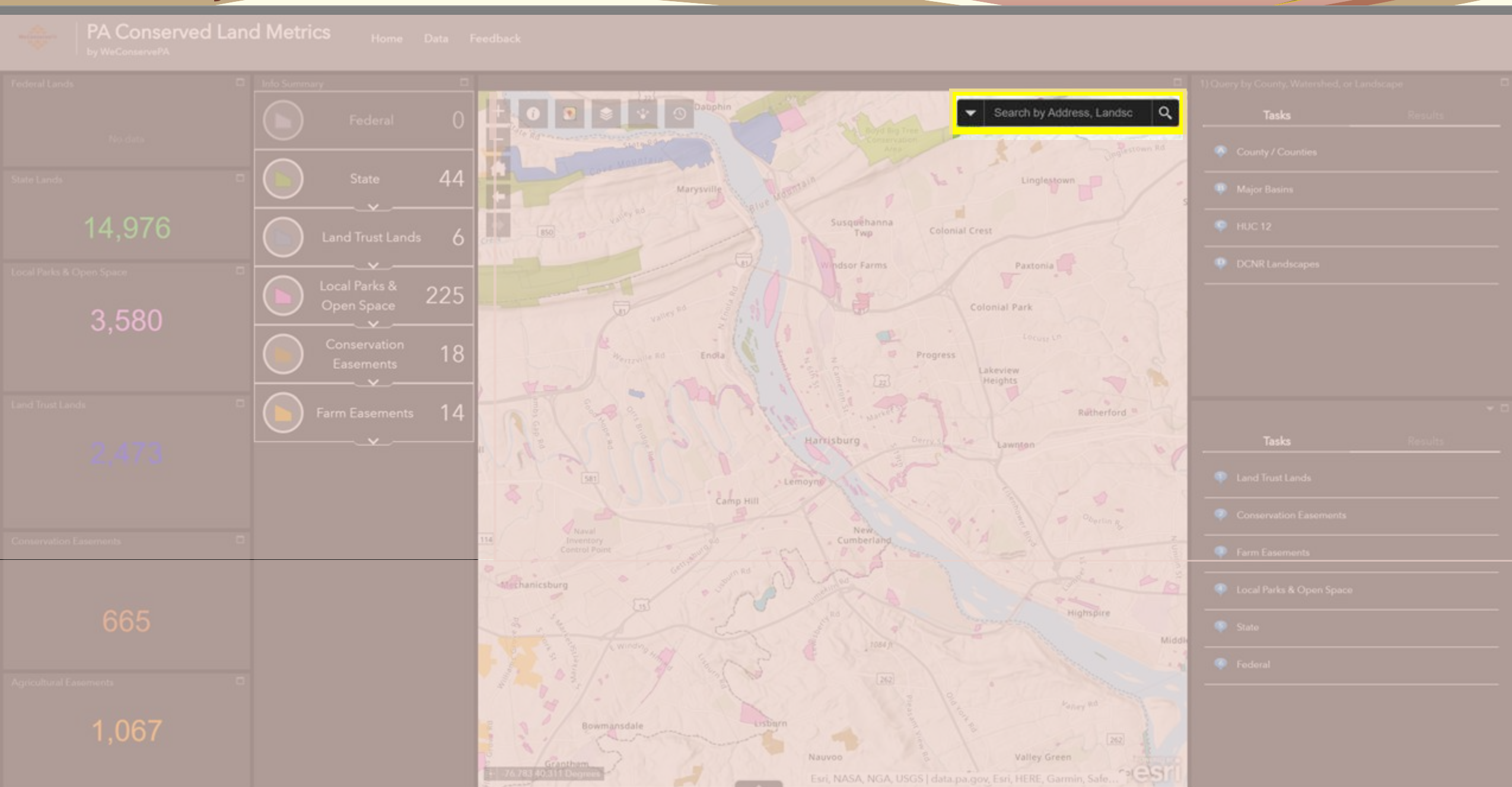
- Zoom In
 - Increase map scale
- Zoom Out
 - Decrease map scale
- Default Extent
 - Original map view
- Previous Extent
 - Backwards in map extents
- Next Extent
 - Forward in map extents
- My Location
 - Optional function to pan to your location



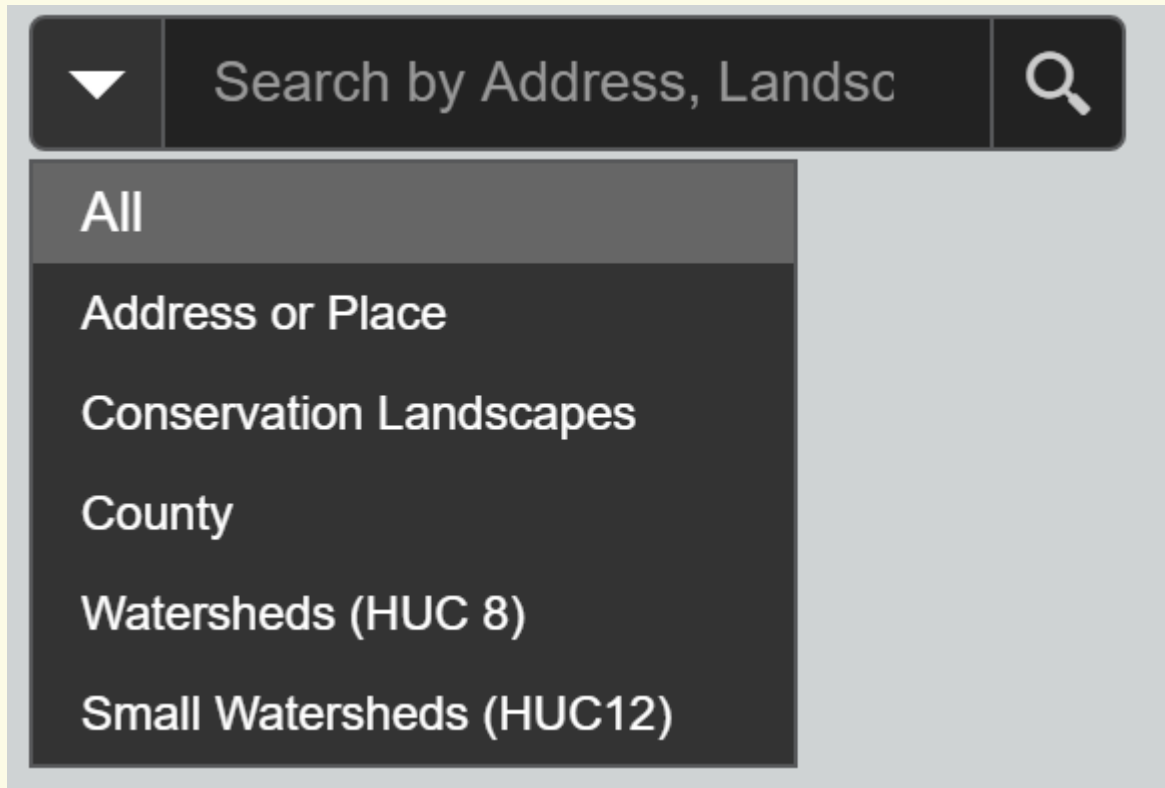
Top Row

- About
 - More information about WeConservePA
- Basemap Gallery
 - Change background map layer
- Legend
 - Symbology of map layers
- Layer List
 - Turn on or off map layers
- Share
 - Email, Facebook, Twitter, Google+

Search by



Search by



The image shows a search bar with a dropdown menu. The search bar has a placeholder text "Search by Address, Landsc" and a magnifying glass icon. The dropdown menu is open, showing the following options: "All", "Address or Place", "Conservation Landscapes", "County", "Watersheds (HUC 8)", and "Small Watersheds (HUC12)".

- Search either by an Address or Place, such as Longwood Gardens
- Or search by a map layer
- The map will pan to the selected location and highlight that feature. Click anywhere on the map to clear selection.

What do the numbers represent on the side?

Summary metrics will update to reflect properties within map extent

Left






Sum of total property area in acres within map view for each category


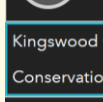
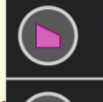
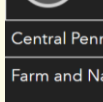
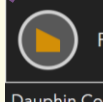
State Lands	8,084
Local Parks & Open Space	3,379
Land Trust Lands	2,002
Conservation Easements	1,192
Agricultural Easements	724

Right

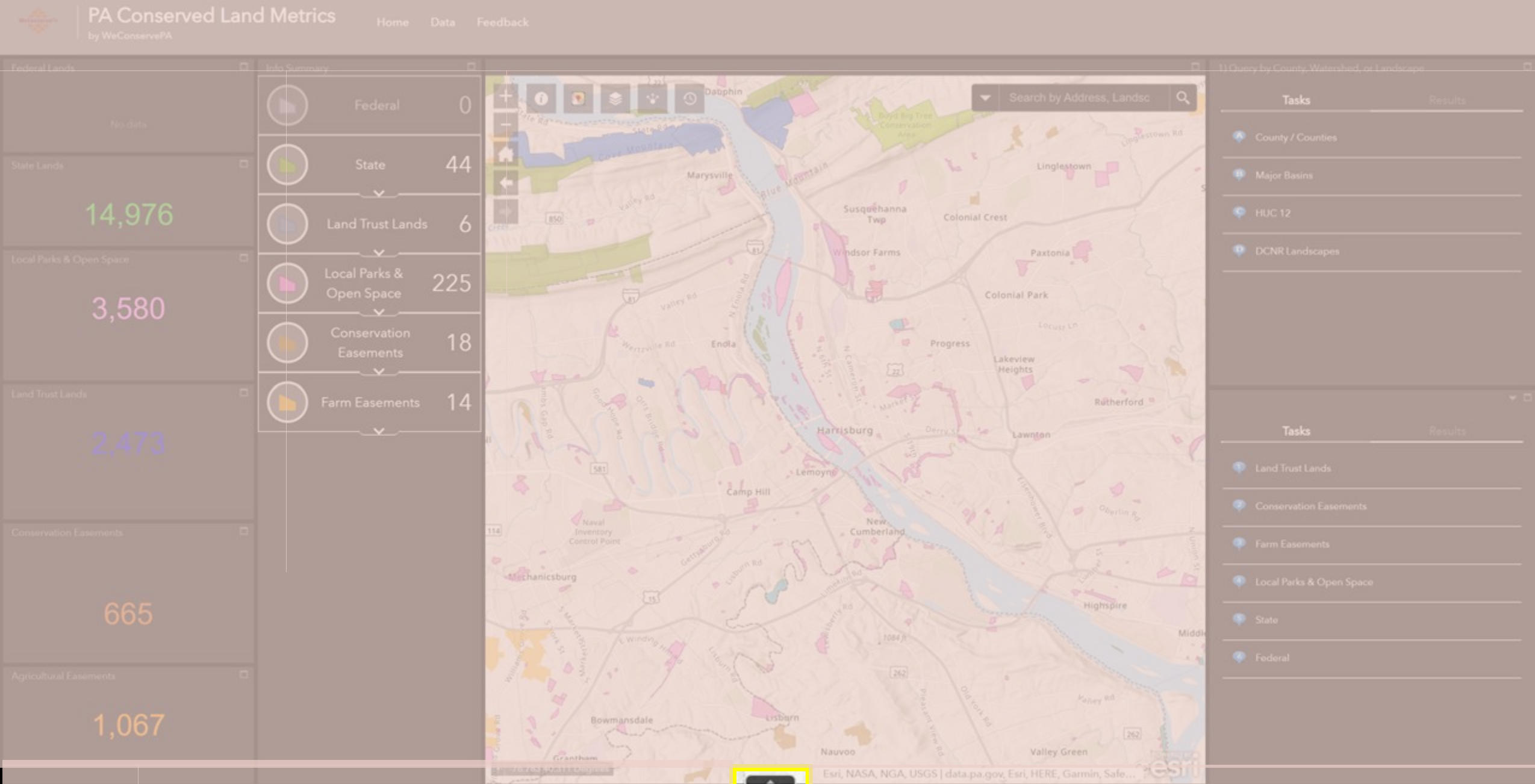
Number of properties within map view for each category

Expand to see property names grouped by managing agency, land trust, owner, or easement holder

	State	32
	Land Trust Lands	7
	Local Parks & Open Space	221
	Conservation Easements	24
	Farm Easements	12

	State	32
	Land Trust Lands	7
	Kingswood Commons	1
	Conservation Group	
	Lancaster Conservancy	1
	Manada Conservancy	4
	The Nature Conservancy	1
	Local Parks & Open Space	221
	Conservation Easements	24
	Central Pennsylvania Conservancy	3
	Farm and Natural Lands Trust of York County	4
	Lancaster Farmland Trust	2
	Manada Conservancy	13
	North American Land Trust	2
	Farm Easements	12
	Dauphin County	8
	Lancaster County	4

What does that “up” arrow do?



What does that “up” arrow do?

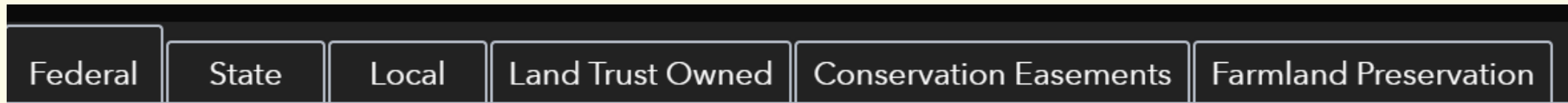
- This opens an **Attribute Table** with unique properties
- Each Tab represents a conservation category



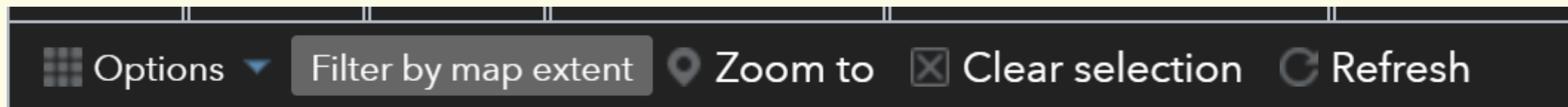
^ Open



v Close



- Select “Filter by map extent” to only show what is in your map view
 - The table will update to reflect properties only within this area



If I click on a row, what I can do?

- Select “Zoom to” to move to your selection
- Select “Clear selection” to unselect
- You may select more than one feature by holding the “CTRL” button while selecting rows with your left mouse button
- Select “Options” to:
 - Only select highlighted rows
 - Filter the table (advanced)
 - Show/Hide columns
 - Export Selected to CSV
(comma-separated values, open with Microsoft Excel or another spreadsheet application)

Selection Handle --->

	The Nature Conservancy
	Lancaster Conservancy
	Manada Conservancy





How to use Queries

1) Select an area of interest

- a) One or more Counties (Adams)
- c) Small watershed (HUC 12)

- b) Major river basin (Delaware)
- d) DCNR Landscape (Laurel Highlands)

1) Query by County, Watershed, or Landscape

Tasks	Results
 County / Counties	
 Major Basins	
 HUC 12	
 DCNR Landscapes	

WeConservePA

← DCNR Landscapes

Query criteria

Conservation Landscape(s)

1 selected

Search

- ☐ Kittatinny Ridge
- ☒ Laurel Highlands
- ☐ Lehigh Valley Greenways

Name IN ('Laurel Highlands')

Result layer name

DCNR Landscapes _Query result

Apply

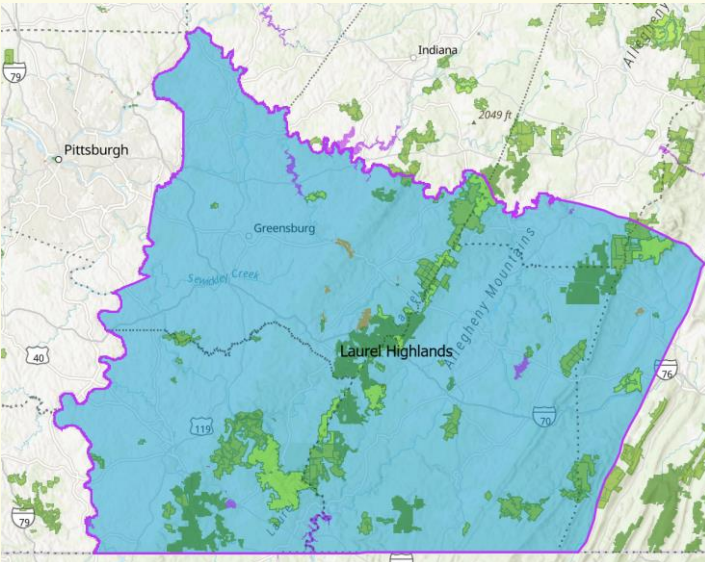
Show conserved lands within a large area

- By using the “Landscape, Watershed, County” filter panel on the left, you may choose to only display features that fall within a given Landscape (Laurel Highlands), a unique watershed (Salmon Creek), or County (Lancaster).
 - Hint: Pan to an area of interest using the “Search Tool” in the upper right-hand corner
- You may select more than one input within the same layer (more than one HUC 12)
- By selecting “Apply”, the map and table will update to reflect your criteria

How to use Queries

2) Select a land conservation type that intersects your area of interest

a) Select your Query 1 Result layer name to use as the boundary



2) Query by Conserved Land

Tasks	
1	Land Trust Lands
2	Conservation Easements
3	Farm Easements
4	Local Parks & Open Space
5	State
6	Federal

← State

Spatial filters

Only return features that have a spatial relationship with featu ▼

Spatial relationship

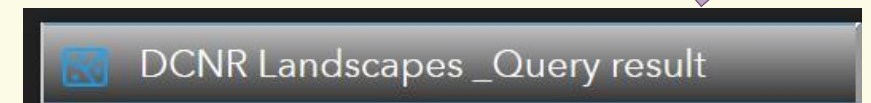
intersect ▼

Related layer

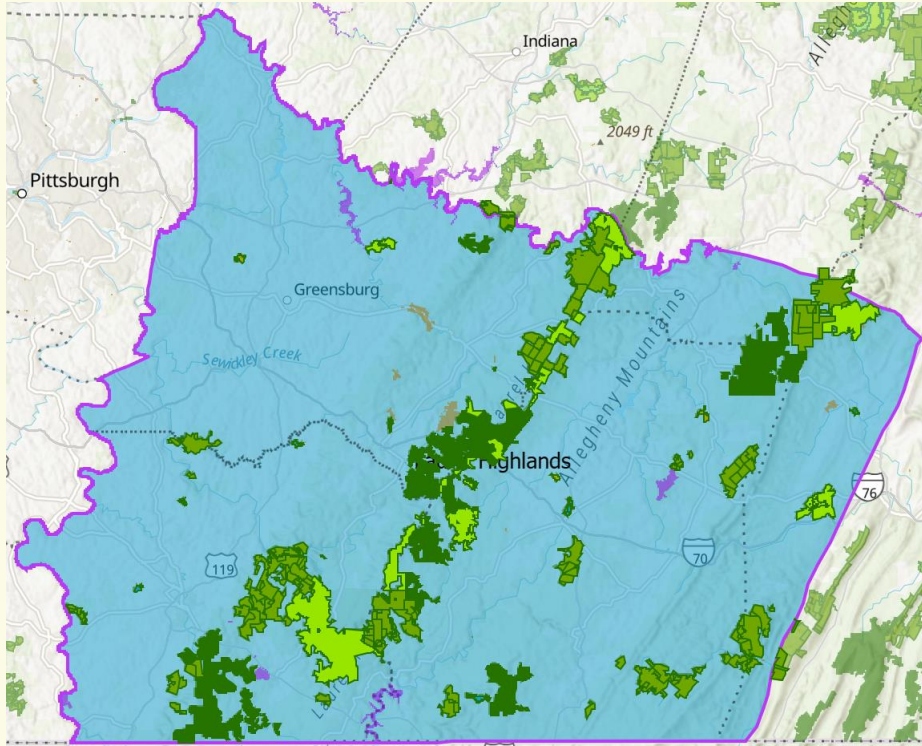
▼

Result layer name

State _Query result



Query Results



2) Query by Conserved Land

Tasks

Results

State _Query result

Displayed features:278/278

Forbes State Forest

Forbes State Forest

State

Forbes State Forest

Bureau of Forestry

2015

967.00 acres

[Link](#)

Results

Zoom to

Pan to

Export to CSV file

Export to feature collection

Export to GeoJSON

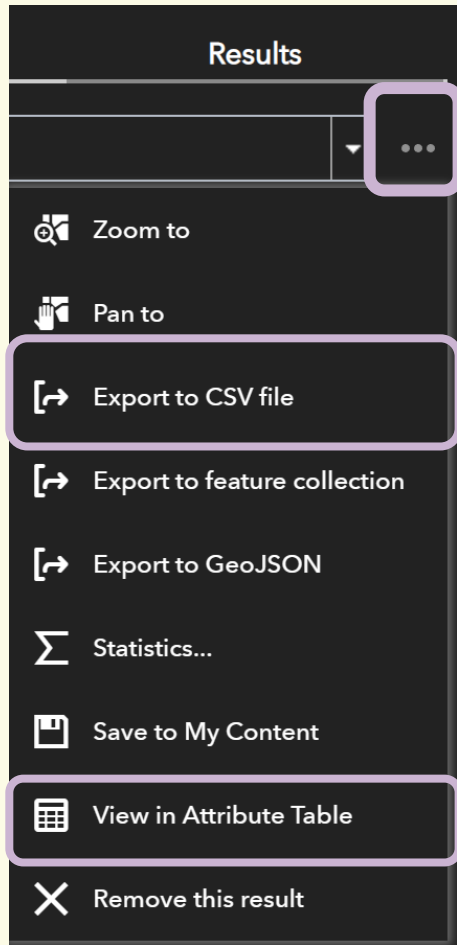
Statistics...

Save to My Content

View in Attribute Table

Remove this result

View Results in Table and Export Table

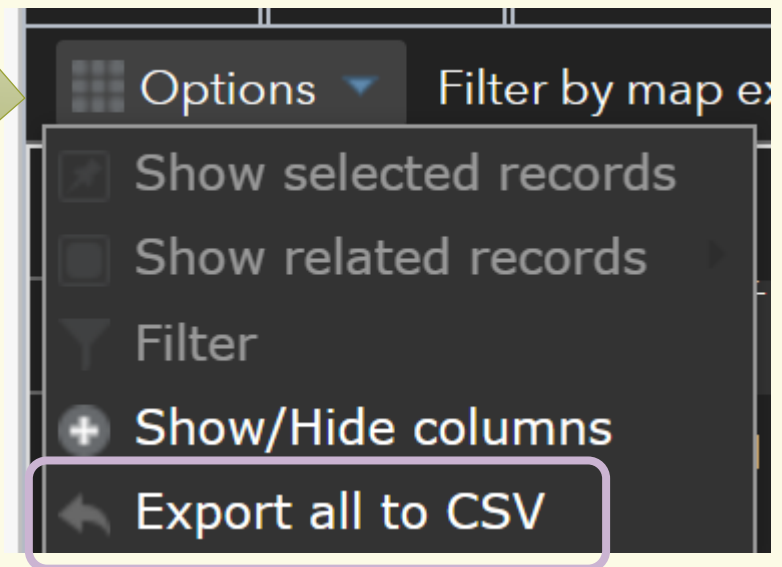


State_Query result

Options

FID	Name
1304	SGL 042
1834	SGL 051
281	Gallitzin State Forest
260	Forbes State Forest - Quebec Run Wild Area
900	Laurel Hill State

278 features 0 selected



CSV – comma separated values -> open in Notepad, Microsoft Excel, or another text, spreadsheet, or database reader

Thank you for viewing



PA Conserved Land Metrics by WeConservePA

Home Data Feedback

- Home
 - <https://WeConservePA.org>
- Data
 - <https://www.pasda.psu.edu/uci/SearchResults.aspx?originator=WeConservePA>
- Feedback
 - [Google Form](#) *Does not collect email addresses*