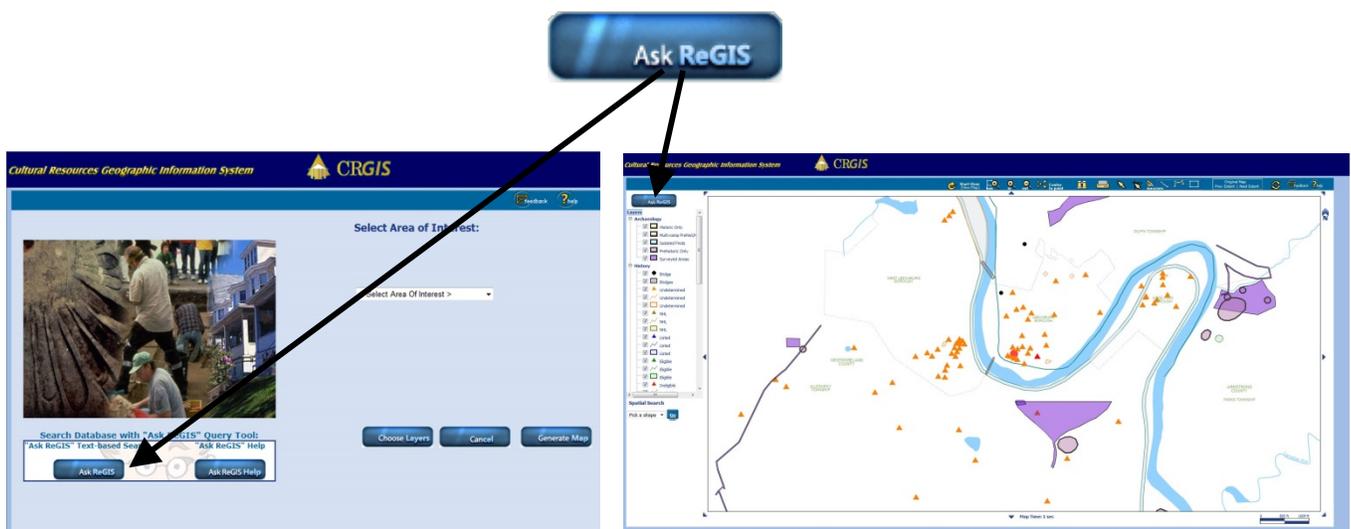




AskReGIS Data Search

AskReGIS is the database search engine for the CRGIS. Using this tool you can search for specific properties or groups of properties that meet defined search criteria. You can then view the details of the selected properties and/or map their locations. This tutorial will show you the basics for using the various searches available. All searches are available to all users, but the mapping capabilities are determined by your login level.

AskReGIS can be accessed by clicking on the AskReGIS button, found on the main Area Of Interest (AOI) page and in the upper left of the map page.



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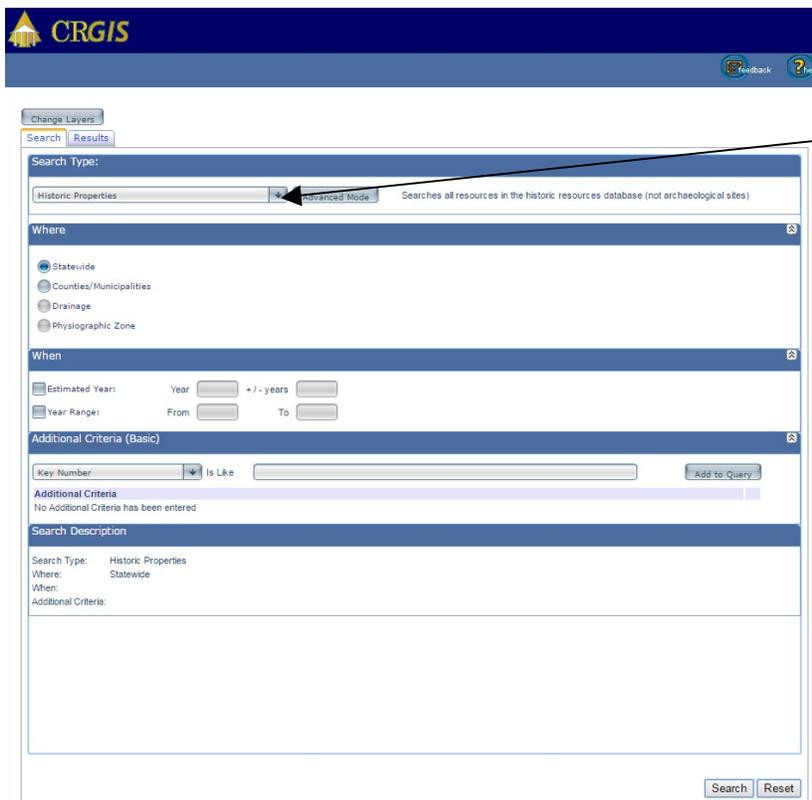
AskReGIS Data Search

Basic Search

This is the main page for AskReGIS. It includes criteria for the most common searches.

There are two basic types of searches: "and" searches that make it necessary for the results to meet ALL specified criteria; and "or" searches that allow the results to include ANY of the specified criteria. All Basic Searches are "and" searches unless otherwise noted, so every criterion you enter limits the number of results. Be careful not to be so specific that you get no results. It is also prudent to limit text searches to as few words as possible. Records will need to match exactly to be returned, so if you enter "Main Street," and the data recorder said "Main St." you will not see that record in your results. Just saying "Main" would be better.

Start by selecting the resource group you want to search.



Click the drop down arrow in **Search Type** to display the options:

- Historic Properties
 - Linear Historic Properties
 - Non-Linear Historic Properties
 - Historic Bridges
 - Local Historic District
 - Archaeological and Historic Survey
 - Archaeological Site
 - Archaeological Lithic Material Summary
 - Archaeological Diagnostic Artifact Summary
 - Archaeological Artifact Type Summary
 - Archaeological Features Summary

Several different query types are available. The **Historic Properties** selection searches the entire above ground historic resources database. The **Linear Historic Properties, Non-Linear Historic Properties, and Historic Bridges, and Local Historic District** selections perform a search

on only those resources in the historic resource database designated as each of those resource types. The **Archaeological and Historic Survey** selection will search for reports produced by federal or state projects that did survey investigations. Some manuscripts and research documents are included in this data set. Selecting **Archaeological Site** will allow you to search the archaeological data. There are also a variety of archaeological summaries available for selection in the drop down menu.

Notice that your selection appears in the lower Search Description box. This box may not be present in the remainder of the tutorial, but is always shown on the webpage.



AskReGIS Data Search

After selecting a query type, the first search selection is **Where**.

The 'Where' search interface includes the following elements:

- Statewide
- Counties/Municipalities
- Drainage
- Physiographic Zone
- Counties: Adams, Allegheny, Armstrong, Beaver
- Municipalities: -- All Municipalities --, Abbottstown Borough, Arendtsville Borough, Bendersville Borough

Two options exist for all search types: either search all of Pennsylvania by selecting the "Statewide" button or limit the query to one or more counties and/or municipalities. You can choose more than one county or municipality by holding the Ctrl key while selecting the names. Selection will be highlighted in gray. To select a range of counties or municipalities, hold down your Shift key. If you do not know which municipality the resource that you are looking for is in, simply leave the default "All Municipalities" highlighted.

When searching for archaeological resources or reports, you have the additional options to search by Drainage or Physiographic Zone. These function in the same manner as the municipality search.

The next choice for limiting your search is **When**.

Historic Resources

The 'When' search interface includes the following elements:

- Estimated Year: Year 1850 +/- years 10
- Year Range: From To

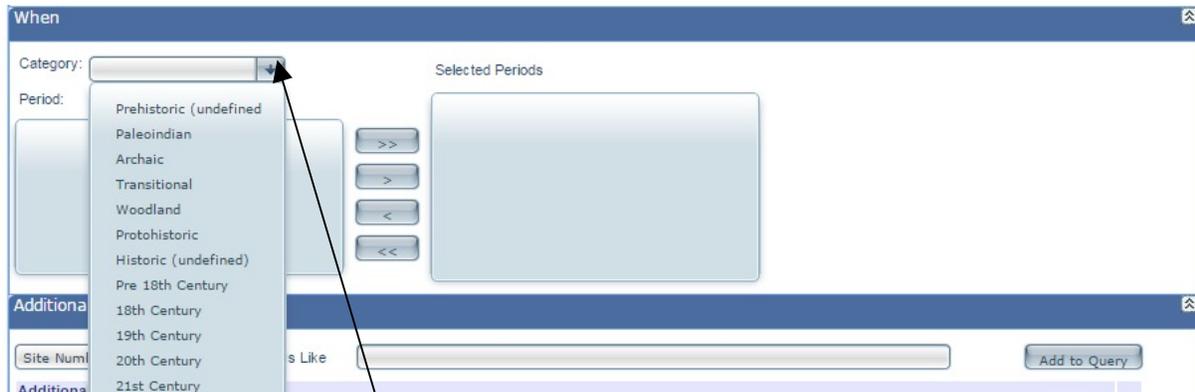
For historic resources, you have the choice of searching an estimated date within a given amount of years, or a date range between two years. Since many of our files do not have built dates, this search should only be used when you need very specific information. To search the entire data set, just skip this section.



AskReGIS Data Search

Archaeological Resources

The When search for archaeological sites uses defined cultural periods for the prehistoric sites and date ranges for historic sites.

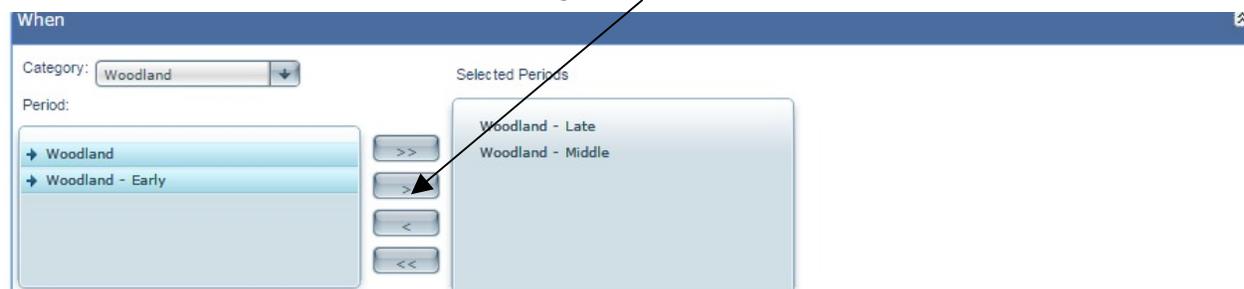


First select the general **category** of cultural periods. These must be selected one at a time. **Please note that the two "(undefined)" categories will only return records that have that specific code, not all Prehistoric or Historic sites.** To see all Prehistoric sites, without any Historic sites, you would need to select all prehistoric categories.

Selection of a category places all of the options in that category in the **Period Box**.



Next select periods by highlighting the row (use Ctrl or Shift to highlight multiple rows) and then move them to the Selected box using the **Arrows**. The double arrow moves all.



Again note that the generic "Woodlands" seen above would not return all Woodland Period site, only those that were not designated as "Early," "Middle," or "Late." To see all, you must select all.

Selecting time periods for archaeological survey reports will return reports that have sites from the selected time period linked to them.



AskReGIS Data Search

The last choice is **Additional Criteria**.

This is the choice that varies the most by resource group, but the selection process is the same for all groups. You can add as many criteria as you want, but remember that it may be better to do a broader search and sort the results than limit the search and not get enough results.

Drop down the first box to see what criteria are available for your search.

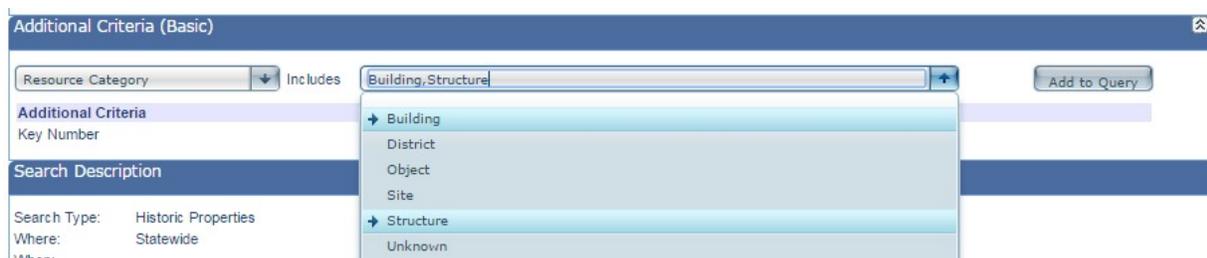


The criterion you select will determine what the rest of the box will say. If the field you select is a text field the operand will remain "is like" and you will type text into the second box. You then click the **Add to Query** button and the criteria will be added to the list below.



You can remove a criterion by clicking the **Remove** link.

If the field you select has a picklist, the operand changes to "includes" and you are given a list to select. Use the Ctrl key to select multiple values. Selecting multiple adds them as "or" statements.





AskReGIS Data Search

So the query these two examples would return a building or structure with the word "furnace" in their name.

The screenshot shows the 'Additional Criteria (Basic)' section of the AskReGIS Data Search interface. It features a search criteria table and a search description section.

Additional Criteria			
Resource Category	Includes	Building, Structure	Add to Query
Historic Name	Is Like	Furnace	Remove
Resource Category	Includes	Building, Structure	Remove

Search Description

Search Type: Historic Properties
Where: Statewide
When:
Additional Criteria: Historic Name Is Like Furnace and Resource Category Includes Building, Structure

At the bottom right of the interface, there are two buttons: **Search** and **Reset**. An arrow points to the **Search** button.

When you have made all of your selections, click the "**Search**" button to run the search. To start over, click "**Reset**."



AskReGIS Data Search

Advanced Search

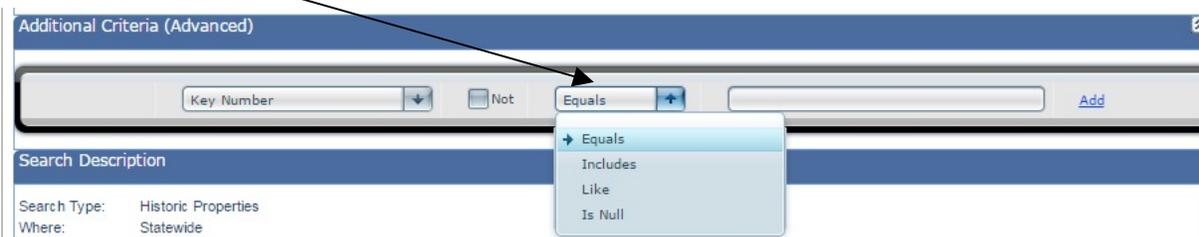
AskReGIS also includes an advanced search mode that allows you to search most of the fields in our database. Here the caution to not make your searches too complex is even more important. You get to the **Advanced Mode** by clicking on the button in the Search Type box.



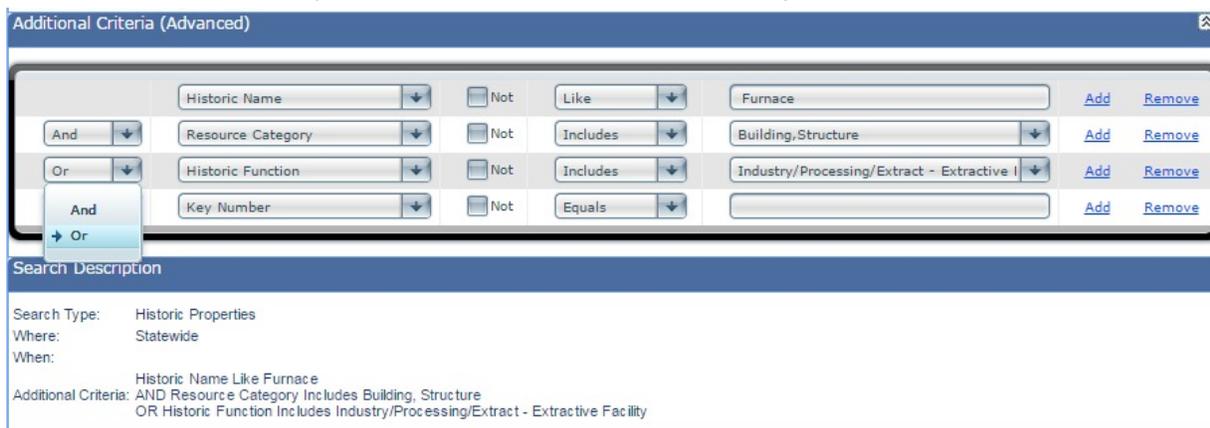
The Where and When searches are the same in both modes, but the Additional Criteria selections are greatly expanded and it is possible to build more complex queries. You can drop down the **list** to see all of the options.



Note that you now have the option to request results that do **not** meet certain criteria and your list of **operands** has increased.



As you add criteria, you are also given the option of making each an "and" or "or" search. Note the Search Description below that shows the search you have built.





AskReGIS Data Search

Reading AskReGIS Search Results

This is the Results page. You can see your search in the white box at the top. If you want to change any of the search criteria, you would click the Search tab and return to the search builder.

Search Type: Historic Properties
Where: Statewide
When:
Additional Criteria: Historic Name Is Like Furnace and Resource Category Includes Building, Structure

Map All Non-Linear Map Selected Create New Layer View Selected List Export to CSV

Key Number	Inventory ID	Address	Municipality	County
001443	1424		Philadelphia City	Philadelphia
001667	1647	Durham Rd.	Durham Township	Bucks
013465	13374		Brush Valley Township	Indiana
079873	79778		Metal Township	Franklin
096845	96746		Perry Township	Fayette
101298	101198		Bullskin Township	Fayette
109949	107984		Jefferson Township	Mercer
135438	122175	SR 2014	Millcreek Township	Lebanon
156276	135144	233 Swartley St.	North Wales Borough	Montgomery
068425	68331			Huntingdon
089650	89554		Greenwich Township	Berks
018836	18745	Clarion-To-Cook Forest Rd.	Highland Township	Clarion
088327	88231		Southampton Township	Cumberland
001634	1615		Spring Township	Centre
078880	78786	Cedar Ave.	Scranton City	Lackawanna
096250	96151		Slippery Rock Township	Lawrence
096842	96743		Beaver Township	Clarion
096847	96748		Springfield Township	Fayette
097571	97472		Redbank Township	Armstrong
105878	201094	Oliphant Rd.	Georges Township	Fayette

Records per page: 20 Records: 1 - 20 of 105 - Pages: 1 2 3 4 5

Things to note:

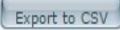
These counts indicate **how many records** were returned and how many separate resources they represent. One resource may have multiple records in this table if any of the fields shown have multiple values, such as multiple historic names or municipalities.

You can **sort** the data based on any of the fields shown. Just click on the field name at the top of the column and it will sort the list alphabetically.

Scroll across to see additional fields.

You can adjust the **number of records** you see at one time and advance through **pages** to see all records.

You can look at **more detailed information** on any of the resources by clicking on the purple information button  in that row. For more information see [Tutorial 4 - Reading Your Results](#).

You can export your results as a CSV file by clicking the  button at the top of the list.



AskReGIS Data Search

Mapping AskReGIS Search Results

Now that you have your list of resources, you can choose to map some or all of your results. Resources that have map location have a checkbox in front of them on the results list. If there is no checkbox in front of a resource, then the resource has not yet been mapped in the CRGIS. Historic Surveys have no mapping and are searchable only through the database. Public users and Planners can only map historic resources. Archaeological access is necessary to map archaeological sites and surveys from AskReGIS (although both Planners and the public can view surveys on the map). If you do not have the authority to map a resource, the checkboxes will show, but will not be active.

You can click the **Map all non-linear** button in order to highlight every resource on the list except the linear resources. All resources appear on the map that is generated with your selected resources highlighted in red. Linear resources are excluded from this option so that their extent will not control the size of the map returned. They will still be visible on your map. **There is a mapping limit of 1000 resources.**

To map a subset of resources, select the **checkboxes** next to the resources you wish to map.

Once you have selected the resources, click on the **Map Selected** button to build your map.

To see a list of the selected resources, click the **View Selected List** button.

	Key Number	Inventory ID	Address	Municipality	County
<input type="checkbox"/>	001443	1424		Philadelphia City	Philadelphia
<input type="checkbox"/>	001667	1647	Durham St.	Durham Township	Bucks
<input type="checkbox"/>	013465	13374		Brush Valley Township	Indiana
<input type="checkbox"/>	079873	79778		Metal Township	Franklin
<input type="checkbox"/>	075845	96746		Perry Township	Fayette
<input type="checkbox"/>	101298	101198		Bullskin Township	Fayette
<input type="checkbox"/>	109949	107984		Jefferson Township	Mercer
<input type="checkbox"/>	135438	122175	SR 2014	Millcreek Township	Lebanon
<input type="checkbox"/>	156276	135144	233 Sivartley St.	North Wales Borough	Montgomery
<input type="checkbox"/>	068425	68331			Huntingdon
<input type="checkbox"/>	089650	89554		Greenwich Township	Berks
<input type="checkbox"/>	018831	18745	Clarion-To-Cook Forest Rd.	Highland Township	Clarion
<input type="checkbox"/>	003327	88231		Southampton Township	Cumberland
<input type="checkbox"/>	001634	1615		Spring Township	Centre
<input type="checkbox"/>	078880	78786	Cedar Ave.	Scranton City	Lackawanna
<input type="checkbox"/>	096250	96151		Slippery Rock Township	Lawrence
<input type="checkbox"/>	096842	96743		Beaver Township	Clarion
<input type="checkbox"/>	096847	96748		Springfield Township	Fayette
<input type="checkbox"/>	097571	97472		Redbank Township	Armstrong
<input type="checkbox"/>	105878	201094	Olipphant Rd.	Georges Township	Fayette

The resources you selected will be visible on the map with a red highlighted boundary.



AskReGIS Data Search

Another choice is to turn your selection into a custom layer to be displayed on the map. Individually select the resource you want to include. (A quick way to select all the records is to first choose **Map All Non-linear** button. Then, when you return to the Ask ReGIS window, all the resources will have a checkmark.)

Key Number	Inventory ID	Address	Municipality	County
001443	1424		Philadelphia City	Philadelphia
001667	1647	Durham Rd.	Durham Township	Bucks
013465	13374		Brush Valley Township	Indiana
079873	79778		Metal Township	Franklin
096845	96746		Perry Township	Fayette
101298	101198		Bullskin Township	Fayette
109949	107984		Jefferson Township	Mercer
135438	122175	SR 2014	Hillcreek Township	Lebanon
156276	135144	233 Swartley St.	North Wales Borough	Montgomery
068425	68331			Huntingdon
089650	89554		Greenwich Township	Berks
018836	18745	Clarion-To-Cook Forest Rd.	Highland Township	Clarion
088327	88231		Southampton Township	Cumberland
001634	1615		Spring Township	Centre
078880	78786	Cedar Ave.	Scranton City	Lackawanna
096250	96151		Slippery Rock Township	Lavrence
096842	96743		Beaver Township	Clarion
096847	96748		Springfield Township	Fayette
097571	97472		Redbank Township	Armstrong
105878	201094	Oliphant Rd.	Georges Township	Fayette

Next, click on **Create New Layer** button. You will be prompted with a box to enter a name and choose a color for that layer.

Layer Name: Furnaces
Layer Color: [Color Selection]
Add Layer Add Layer and Map

Your results will show on the map window with a highlighted boundary of the color you selected and your new layer will be included in the legend. New layers stay active until the end of your session. There is a limit of 1000 resources per layer.

This concludes CRGIS Tutorials #3 AskReGIS Data Search.