

## How to Geocode and Extract Point Data in HealthLandscape

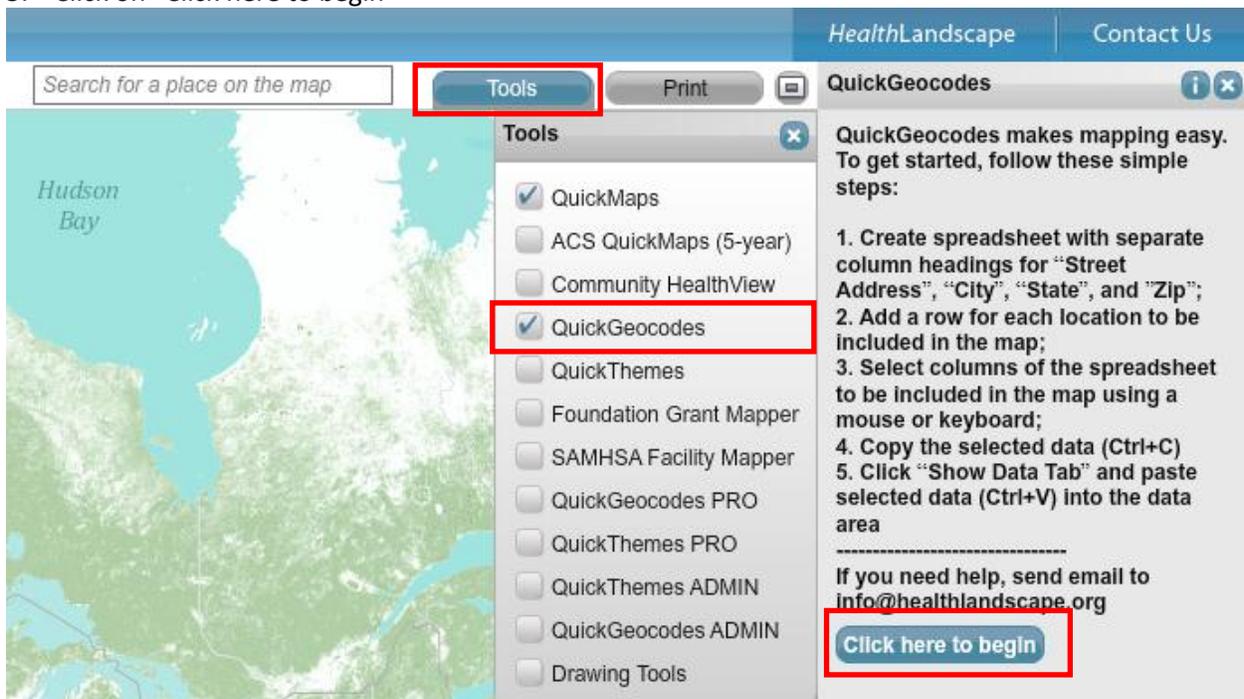
This document will demonstrate how to map point data (i.e., data that are linked to addresses.) For information about mapping thematic data (such as the number of patients from specific census tracts), please refer to the file named **How To - How to Map Thematic Data in HealthLandscape**.

1. Register for the UDS Mapper (Important to register here because if you register at HealthLandscape first, you will not have access to the UDS Mapper without requesting us to provide that access, whereas if you register for the UDS Mapper you are automatically also registered for HealthLandscape)
  - a. Go to [www.udsmapper.org](http://www.udsmapper.org) and select “Register for Access”
  - b. Complete the form (will not work in Google Chrome)
  - c. As soon as you complete the form you can begin using the:

UDS Mapper [www.udsmapper.org](http://www.udsmapper.org)

HealthLandscape [www.healthlandscape.org](http://www.healthlandscape.org)

2. Log on to [www.healthlandscape.org](http://www.healthlandscape.org)
3. Click on Tools
4. Click on “QuickGeocodes”
5. Click on “Click here to begin”



The screenshot shows the HealthLandscape website interface. At the top, there is a search bar with the text "Search for a place on the map" and a "Tools" button highlighted with a red box. Below the search bar is a map of Hudson Bay. To the right of the map is a "Tools" dropdown menu with several options, including "QuickGeocodes" which is highlighted with a red box. To the right of the map and tools menu is a "QuickGeocodes" panel with instructions on how to use the tool and a "Click here to begin" button highlighted with a red box.

HealthLandscape | Contact Us

Search for a place on the map

Tools Print

QuickGeocodes

Tools

- QuickMaps
- ACS QuickMaps (5-year)
- Community HealthView
- QuickGeocodes
- QuickThemes
- Foundation Grant Mapper
- SAMHSA Facility Mapper
- QuickGeocodes PRO
- QuickThemes PRO
- QuickThemes ADMIN
- QuickGeocodes ADMIN
- Drawing Tools

QuickGeocodes makes mapping easy. To get started, follow these simple steps:

1. Create spreadsheet with separate column headings for “Street Address”, “City”, “State”, and “Zip”;
2. Add a row for each location to be included in the map;
3. Select columns of the spreadsheet to be included in the map using a mouse or keyboard;
4. Copy the selected data (Ctrl+C)
5. Click “Show Data Tab” and paste selected data (Ctrl+V) into the data area

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If you need help, send email to [info@healthlandscape.org](mailto:info@healthlandscape.org)

[Click here to begin](#)

6. Open or create spreadsheet file containing locations, formatted with separate columns for address, city, state, and ZIP Code
  - a. If you do not have your own data, open **How To - Sample Data for COPC Walkthrough.xls** (download from [www.graham-center.org/COPC](http://www.graham-center.org/COPC))
  - b. If you do have your own data, please make sure they are formatted similarly to the sample data file with address, city, state, and ZIP Code all in separate columns
7. Highlight data in columns with Address, City, State, and ZIP Code data, including the headers
8. Press Control+C (hold down Ctrl then press C) to copy the data

	A	B	C	D
1	Address	City	State	Zip
2	1453 Pennsylvania Avenue SE	Washington	DC	20003
3	1500 Massachusetts Avenue SE	Washington	DC	20003
4	323 Pennsylvania Avenue SE	Washington	DC	20003

9. Go back to HealthLandscape and click on “click anywhere in this box”
10. Press Control+V (hold down Ctrl then press V) to paste the data into HealthLandscape
11. On the right side, make sure the correct fields were selected that represent the address, city, state and ZIP Code; if not fix this using the drop-down arrows. When set, click on the blue button, labeled “Geocode Now”

The screenshot shows the HealthLandscape QuickGeocodes interface. The main table displays the following data:

Address	City	State	Zip	Longitude	Latitude
1453 Pennsylvania Avenue SE	Washington	DC	20003		
1500 Massachusetts Avenue SE	Washington	DC	20003		
323 Pennsylvania Avenue SE	Washington	DC	20003		
328 Kentucky Avenue SE	Washington	DC	20003		
415 14th Street SE	Washington	DC	20003		
503 8th Street SE	Washington	DC	20003		
643 Pennsylvania Avenue SE	Washington	DC	20003		
700 North Carolina Avenue SE	Washington	DC	20003		
909 New Jersey Avenue SE	Washington	DC	20003		
2900 Minnesota Avenue SE	Washington	DC	20019		
4418 Southern Avenue SE	Washington	DC	20019		
4510 Bowen Road SE	Washington	DC	20019		
4520 Benning Road SE	Washington	DC	20019		
1537 Good Hope Road SE	Washington	DC	20020		
2041 MARTIN LUTHER KING JR	WASHINGTON	DC	20020		
2281 Savannah Street SE	Washington	DC	20020		
2301 MARTIN LUTHER KING JR	WASHINGTON	DC	20020		
2318 Pennsylvania Avenue SE	Washington	DC	20020		

The right-hand panel shows the configuration for address columns:

- Address: Address
- City: City
- State: State
- Zip: Zip
- Geocode Now** (highlighted in red)

Additional options include: Title, Group/Category, Icon (set to Circle), URL, Notes, and a section for "What other column(s) would you like to show in the tooltip?" with checkboxes for Address, City, State, Zip, Longitude, and Latitude.

12. You should see a map of all your points, automatically zoomed in to the closest extent that shows them all. You can zoom in or out (using the zoom bar on the left side of the screen) and pan (by clicking on the screen and dragging it) as desired

13. Click the Data tab to switch back to the spreadsheet view

HealthLandscape

Home About Help

Map **Data** Chart Graph QuickGeocodes

Search for a place on the map

Tools Print

QuickGeocodes

What are your address columns?  
 Address: **Address**  
 City: **City**  
 State: **State**  
 Zip: **Zip**

Geocode Now

Do any columns represent a ...  
 Title: **(None)**  
 Group/Category: **(None)**  
 Icon: **Circle**  
 URL: **(None)**  
 Notes: **(None)**

What other column(s) would you like to show in the tooltip?  
 Address  
 City  
 State  
 Zip  
 Longtitude  
 Latitude

Update Save As New ID

My Saved QuickGeocodes

QuickMaps

Basemaps and Optional Layers

Layer Controls

14. Notice that columns for Longitude and Latitude have been added

HealthLandscape

Home About Help

Map **Data** Chart Graph QuickGeocodes

Click a row to edit.

Address	City	State	Zip	Longitude	Latitude
1453 Pennsylvania Avenue SE	Washington	DC	20003	-76.9837708143196	38.879456522075975
1500 Massachusetts Avenue SE	Washington	DC	20003	-76.98351900415139	38.88710975932502
323 Pennsylvania Avenue SE	Washington	DC	20003	-77.00124464134893	38.88000613898601
328 Kentucky Avenue SE	Washington	DC	20003	-76.98589823484786	38.884591657843
415 14th Street SE	Washington	DC	20003	-76.98554247871733	38.88345851188009
503 8th Street SE	Washington	DC	20003	-76.9901233988584	38.88251422375532
843 Pennsylvania Avenue SE	Washington	DC	20003	-76.99591890238797	38.88485246103147
700 North Carolina Avenue SE	Washington	DC	20003	-76.995722804089	38.88768733898319
909 New Jersey Avenue SE	Washington	DC	20003	-77.00508474641401	38.87897084958988
2900 Minnesota Avenue SE	Washington	DC	20019	-76.9885847703397	38.87558844412987
4410 Southern Avenue SE	Washington	DC	20019	-76.93485888914599	38.87310731532881
4510 Bowen Road SE	Washington	DC	20019	-76.93421817050519	38.87377281383083
4520 Benning Road SE	Washington	DC	20019	-76.93714096710039	38.88900732880683
1537 Good Hope Road SE	Washington	DC	20020	-76.9822329738495	38.89018253570322
2041 MARTIN LUTHER KING JR	WASHINGTON	DC	20020	-76.98944553834542	38.8857058850277
2281 Savannah Street SE	Washington	DC	20020	-76.97127923133263	38.84789032862725
2301 MARTIN LUTHER KING JR	WASHINGTON	DC	20020	-76.991118275299	38.88343903513825
2318 Pennsylvania Avenue SE	Washington	DC	20020	-76.97171888912686	38.87411456800184
2345 MARTIN LUTHER KING JR	WASHINGTON	DC	20020	-76.99171182783833	38.88313383402387
2528 Good Hope Road SE	WASHINGTON	DC	20020	-76.98854529238358	38.890452847588884
2648 Naylor Road SE	Washington	DC	20020	-76.98949308308003	38.88280108487307
2721 Naylor Road SE	WASHINGTON	DC	20020	-76.988194558077212	38.85882432888005
2845 Alabama Avenue SE	Washington	DC	20020	-76.98786385877487	38.880031173022778
2848 Alabama Avenue SE	Washington	DC	20020	-76.98828101440516	38.880282883190984
3037 Naylor Road SE	Washington	DC	20020	-76.98517283475307	38.85414908086118
3230 PENNSYLVANIA AVE SE	WASHINGTON	DC	20020	-76.9897960257791	38.889808734588785
3232 Pennsylvania Avenue SE	Washington	DC	20020	-76.9974092989807	38.88909935941727
3851 Pennsylvania Avenue SE	Washington	DC	20020	-76.951161139753718	38.88647207130008
1310 SOUTHERN AVE SE	WASHINGTON	DC	20002	-76.98391470584431	38.83482317854103

Process Another File Export to Excel

What are your address columns?  
 Address: **Address**  
 City: **City**  
 State: **State**  
 Zip: **Zip**

Geocode Now

Do any columns represent a ...  
 Title: **(None)**  
 Group/Category: **(None)**  
 Icon: **Circle**  
 URL: **(None)**  
 Notes: **(None)**

What other column(s) would you like to show in the tooltip?  
 Address  
 City  
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 Zip  
 Longitude  
 Latitude

Update Save As New ID

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15. Press Export to Excel to obtain the longitude and latitude coordinates for your data to use with this or other GIS programs in the future
  16. Save file in the pop-up window with the name, **How To - Geocoded Data for COPC Walkthrough.csv**