

[Seliger + Associates'](#) guide to data mining in the HRSA UDS Mapper Tool System; UDS data is essential for most HRSA grant proposal needs assessment sections.

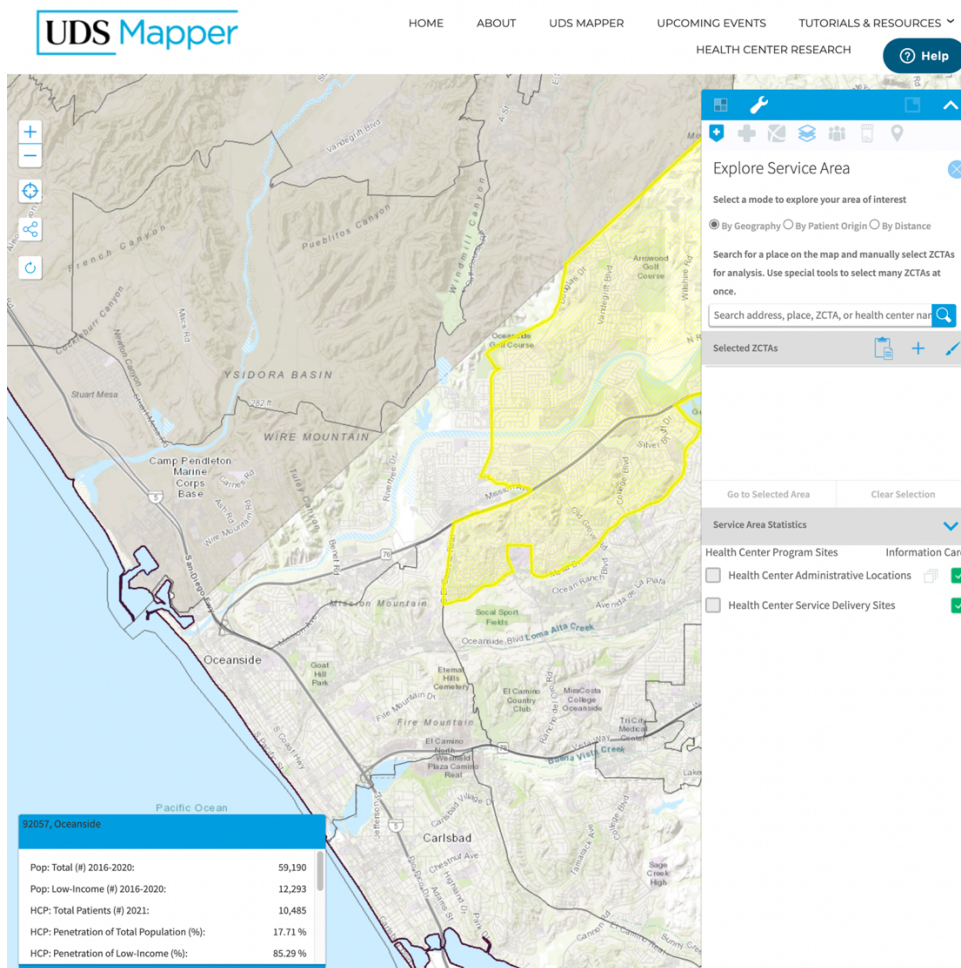
For assistance in writing HRSA or any other healthcare proposals, please go to <https://seliger.com> and use the contact info.

Now, for the UDS Mapper Tool, which is not easy to navigate.

Go to <https://maps.udsmapper.org/>

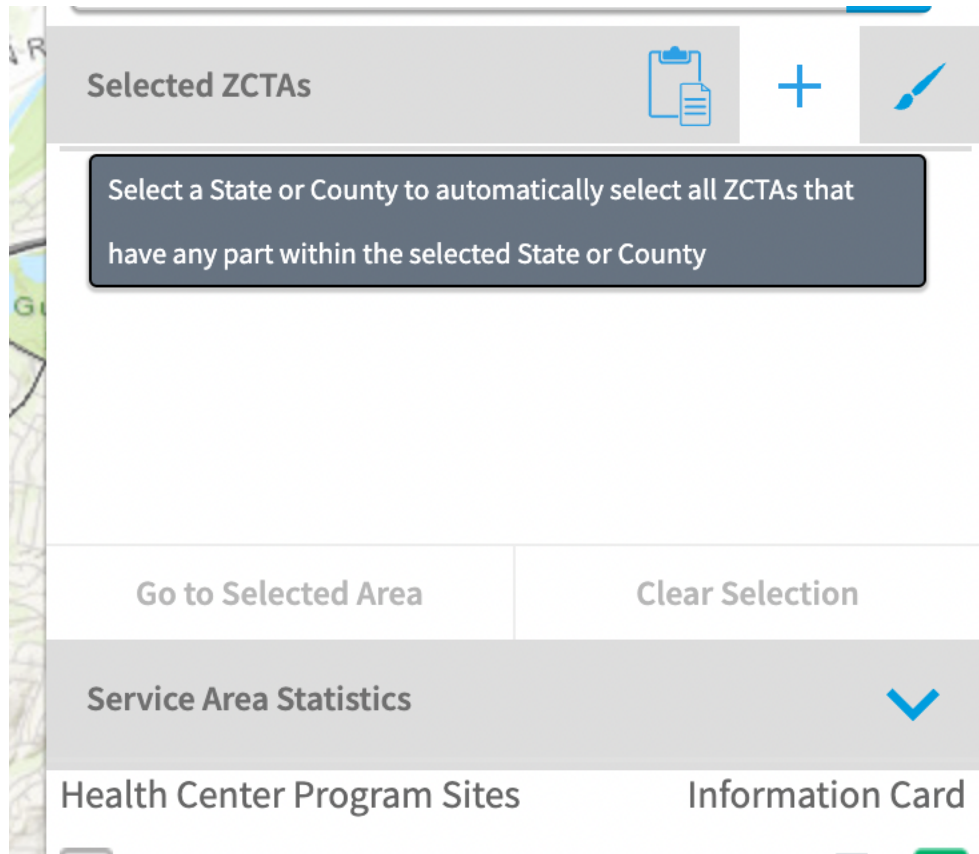
Sign in.

You will find yourself on a screen that looks like



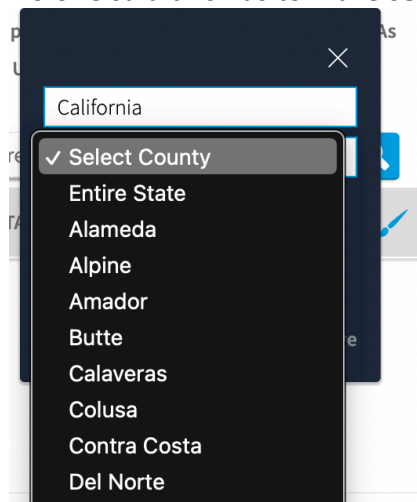
Look at the right hand pane. In the middle there is an option that says “Selected ZCTAs.” If you have any saved previous ZCTAs, you must clear selection first—otherwise you will get garbled data.

Now, what kind of data are you seeking? You can select a state or county using the “plus” button.



Let's say you're looking for San Diego County. Hit "Plus." Select state "California." Then hit "select county. Notice that the FIRST CHOICE is "Entire State." So if you want to see California, you have to select California, then select "county", and then select "Entire State."

No one said this has to make sense.



Okay, so you've selected San Diego County.

Hit "add."

The screenshot shows the HRSA UDS system interface. At the top, there are three radio buttons: **By Geography** (selected), **By Patient Origin**, and **By Distance**. Below these, there is a search bar with the text "Search for a patient location for analysis. Use the search bar to find a location." and a "Search address" button. A map is visible in the background. A modal dialog is open in the center, titled "To add/remove all ZCTAs of the selected state, please select Entire State from Select County". The dialog has two input fields: "California" and "San Diego". At the bottom of the dialog are two buttons: "Add" and "Remove". Below the dialog, there are two buttons: "Go to Selected Area" and "Clear Selection".

☒ By Geography ☐ By Patient Origin ☐ By Distance

Search for a patient location for analysis. Use the search bar to find a location.

Search address




Selected ZCTAs

To add/remove all ZCTAs of the selected state, please select Entire State from Select County

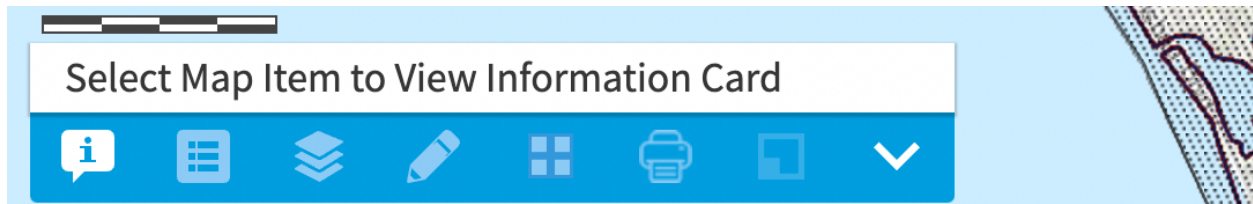
Add Remove

Go to Selected Area Clear Selection

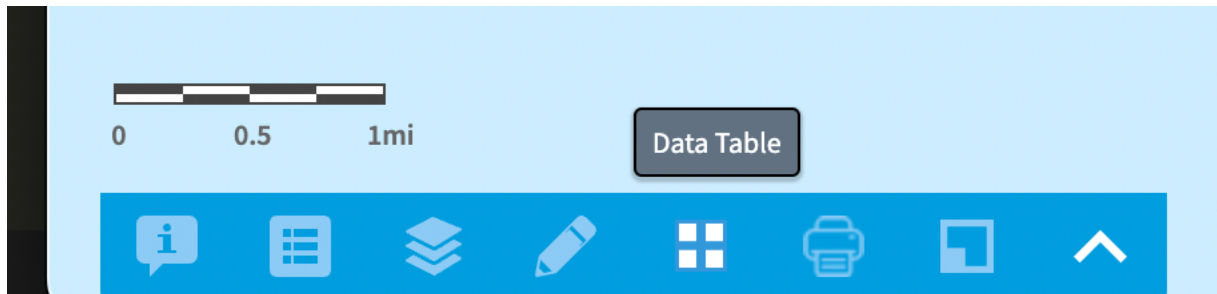
You'll now have a bunch of zip codes.

Selected ZCTAs								
92130	92131	92134	92135	92139	92140			
92145	92147	92154	92155	92173	91901			
91902	91905	91906	91910	91911	91913			
91914	91915	91916	91917	91931	91932			
91934	91935	91941	91942	91945	91948			
91950	91962	91963	91977	91978	92536			
92562	92590	92592	92672	92673	92675			
92274	91980	92003	92004	92007	92008			
92009	92010	92011	92014	92019	92020			
92021	92024	92025	92026	92027	92028			
92029	92036	92037	92040	92054	92055			
92056	92057	92058	92059	92060	92061			
92064	92065	92066	92067	92069	92070			
92071	92075	92078	92081	92082	92083			
92084	92086	92091	92101	92102	92103			
92104	92105	92106	92107	92108	92109			
92110	92111	92113	92114	92115	92116			
92117	92118	92119	92120	92121	92122			
92123	92124	92126	92127	92128	92129			
Go to Selected Area				Clear Selection				

Now, look at the lower left. There are a series of icons.



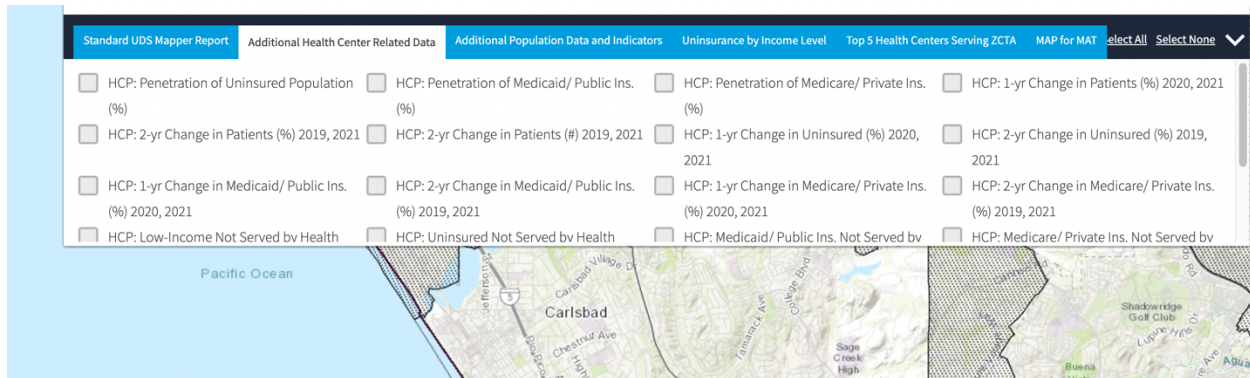
For our purposes, “data table” is the important one. Select it. See below.



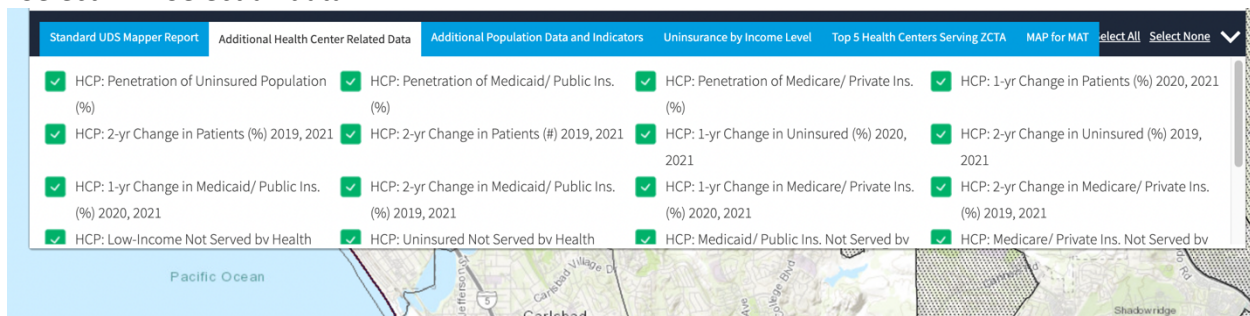
You will see a screen that looks like this:

ZCTA	Post Office Name	State	HCP: Health Center Count (Combined) 2021	HCP: Dominant Health Center 2021	Pop: Total (#) 2016-2020	Pop: Low-Income (#) 2016-2020	HCP: Total Patients (#) 2021	HCP: Penetration of Low-Income (%)	HCP: Penetration of Total Population (%)
Summary:			897		3,596,972	901,823	582,955	64.64 %	16.21 %
91901	Alpine	CA	7	CENTRO DE SALUD DE LA COMUNIDAD SAN YSIDRO, INC.	17,896	2,877	2,123	73.79 %	11.86 %
91902	Bonita	CA	8	FAMILY HEALTH CENTERS OF SAN DIEGO, INC.	17,760	1,747	1,656	94.79 %	9.32 %
91905	Boulevard	CA	4	CENTRO DE SALUD DE LA COMUNIDAD SAN YSIDRO, INC.	1,665	473	363	76.74 %	21.80 %
91906	Campo	CA	4	CENTRO DE SALUD DE LA COMUNIDAD SAN YSIDRO, INC.	4,327	1,823	1,290	70.76 %	29.81 %
91910	Chula Vista	CA	13	CENTRO DE SALUD DE LA COMUNIDAD SAN YSIDRO, INC.	74,233	20,879	15,058	72.12 %	20.28 %

Notice the blue tabs about 80% down: Standard UDS mapper report, Additional Health Center Related data, etc. Select the next one over—"Additional Health Center Related Data." You will see this.

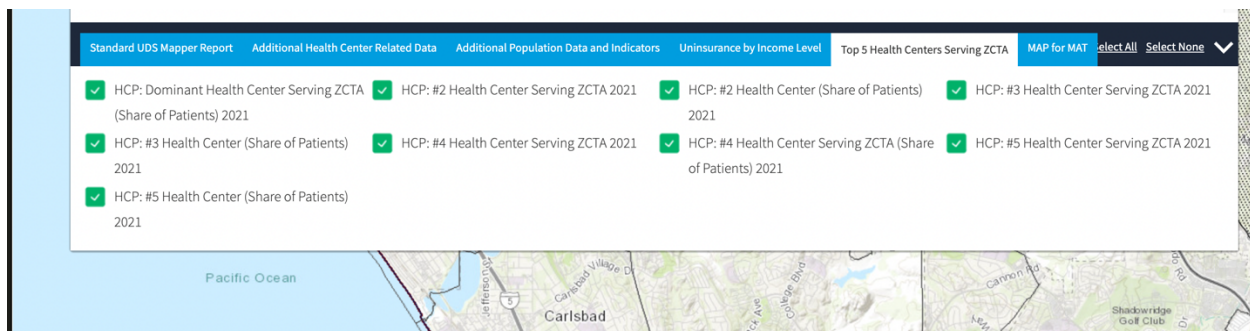


A bunch of boxes aren't checked. Look at the top right of that screenshot where a button says "Select All." Select all data.



Do the same for each blue tab EXCEPT "MAP for MAT." That last one has to be done totally separately.

Okay, now we've gone through and selected "all," for each tab except "MAP for MAT."



Now look at the place where I've circled in red:

UDS Mapper Data Table

Table Advanced Analysis

Download

ZCTA	Post Office Name	State	HCP: Health Center Count (Combined) 2021	HCP: Dominant Health Center 2021	Pop: Total (#) 2016-2020	Pop: Low-Income (#) 2016-2020	HCP: Total Patients (#) 2021	HCP: Penetration of Low-Income (%)	HCP: Penetration of Total Population (%)	HCP: Penetration of Insured	Penetration of Medicaid
Summary:			897		3,596,972	901,823	582,955	64.64 %	16.21 %	56.07 %	
91901	Alpine	CA	7	CENTRO DE SALUD DE LA COMUNIDAD SAN YSIDRO, INC	17,896	2,877	2,123	73.79 %	11.86 %	32.86 %	
91902	Bonita	CA	8	FAMILY HEALTH CENTERS OF SAN DIEGO, INC.	17,760	1,747	1,656	94.79 %	9.32 %	55.63 %	
91905	Boulevard	CA	4	CENTRO DE SALUD DE LA COMUNIDAD SAN YSIDRO, INC	1,665	473	363	76.74 %	21.80 %	45.71 %	

Standard UDS Mapper Report Additional Health Center Related Data Additional Population Data and Indicators Uninsurance by Income Level Top 5 Health Centers Serving ZCTA MAP for MAT Select All Select None

☒ HCP: Dominant Health Center Serving ZCTA (Share of Patients) 2021
 ☒ HCP: #2 Health Center Serving ZCTA 2021
 ☒ HCP: #2 Health Center (Share of Patients) 2021
 ☒ HCP: #3 Health Center Serving ZCTA 2021
 ☒ HCP: #3 Health Center (Share of Patients) 2021
 ☒ HCP: #4 Health Center Serving ZCTA 2021
 ☒ HCP: #4 Health Center (Share of Patients) 2021
 ☒ HCP: #5 Health Center Serving ZCTA 2021
 ☒ HCP: #5 Health Center (Share of Patients) 2021

That is the “download” button. Click it. You will get a .csv file you can open in excel or similar. Open in Excel or similar. The key line for us usually row 2, which says “summary.”

UDSMapper_ZCTA_6-18-2023_829am

Home Insert Draw Page Layout Formulas Data Review View Automate Acrobat Tell me

Paste

Calibri (Body) 12 A A

B I U

Wrap Text

General

Merge & Center

Conditional Formatting Format as Table Cell Styles

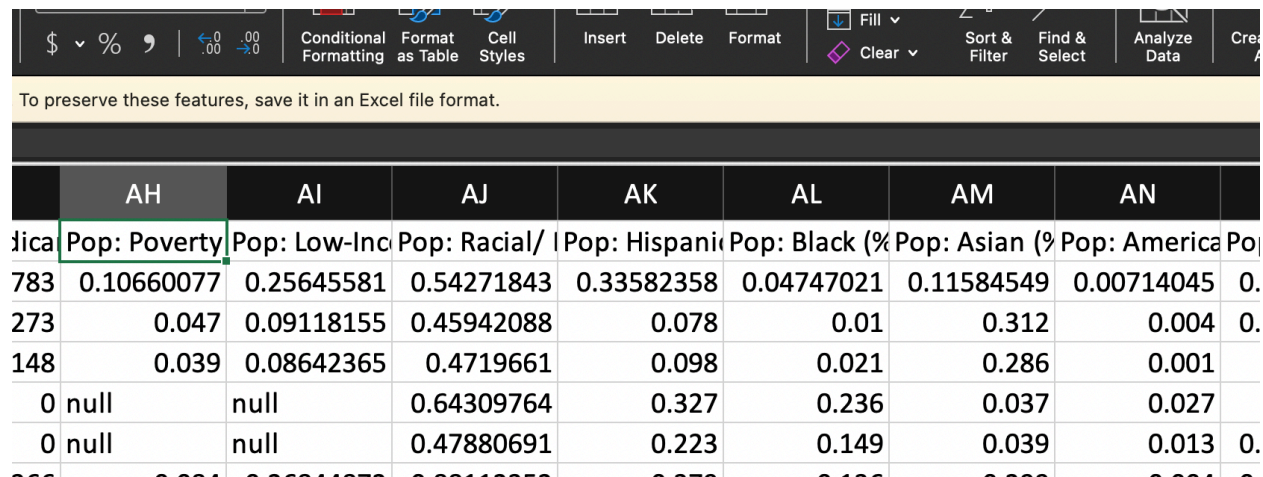
Possible Data Loss Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format.

	A	B	C	D	E	F	G	H	I
1	ZCTA	Post Office N	State	HCP: Health	HCP: Domina	Pop: Total (#	Pop: Low-Inc	HCP: Total Pa	HCP: Penetra
2	Summary:			897		3596972	901823	582955	0.64641842
3	92130	San Diego	CA	11 OPERATION S		56741	5172	1714	0.33139985
4	92131	San Diego	CA	11 OPERATION S		34922	3011	962	0.31949518
5	92134	San Diego	CA	0 null		297	0	0 null	

Notice F2: San Diego County’s total population. Then we get a bunch of “HCP” rows, which relate to Health Care Center Penetration; how many people participate in section 330 clinics, basically. This can be useful. Column I lists “HCP: Penetration of Low-Income (%)” for example. Is

the number high? In San Diego County, 64% of the low-income population has been reached by health centers, which is arguably a brag: “We need to keep doing what we’re doing.” If the number is low, we need more outreach. And so forth. This data can be used in needs assessment.

Column “AH” will start overall, general population data.



	AH	AI	AJ	AK	AL	AM	AN	
dica	Pop: Poverty	Pop: Low-Inc	Pop: Racial/	Pop: Hispanic	Pop: Black (%)	Pop: Asian (%)	Pop: America Po	
783	0.10660077	0.25645581	0.54271843	0.33582358	0.04747021	0.11584549	0.00714045	0.
273	0.047	0.09118155	0.45942088	0.078	0.01	0.312	0.004	0.
148	0.039	0.08642365	0.4719661	0.098	0.021	0.286	0.001	
0	null	null	0.64309764	0.327	0.236	0.037	0.027	
0	null	null	0.47880691	0.223	0.149	0.039	0.013	0.

So you’ll see only 10% of SD County lives in poverty, etc.

Keep scrolling and you’ll find all the data in the spread sheet.

If you want the “MAP for MAT” data, go through the UDS mapper Data Table, unselect every other item, and then select all in the “MAP for MAT” tab. Download that separately as a CSV file. Don’t ask me why UDS makes this hard to get. I didn’t design the thing.

NOW!

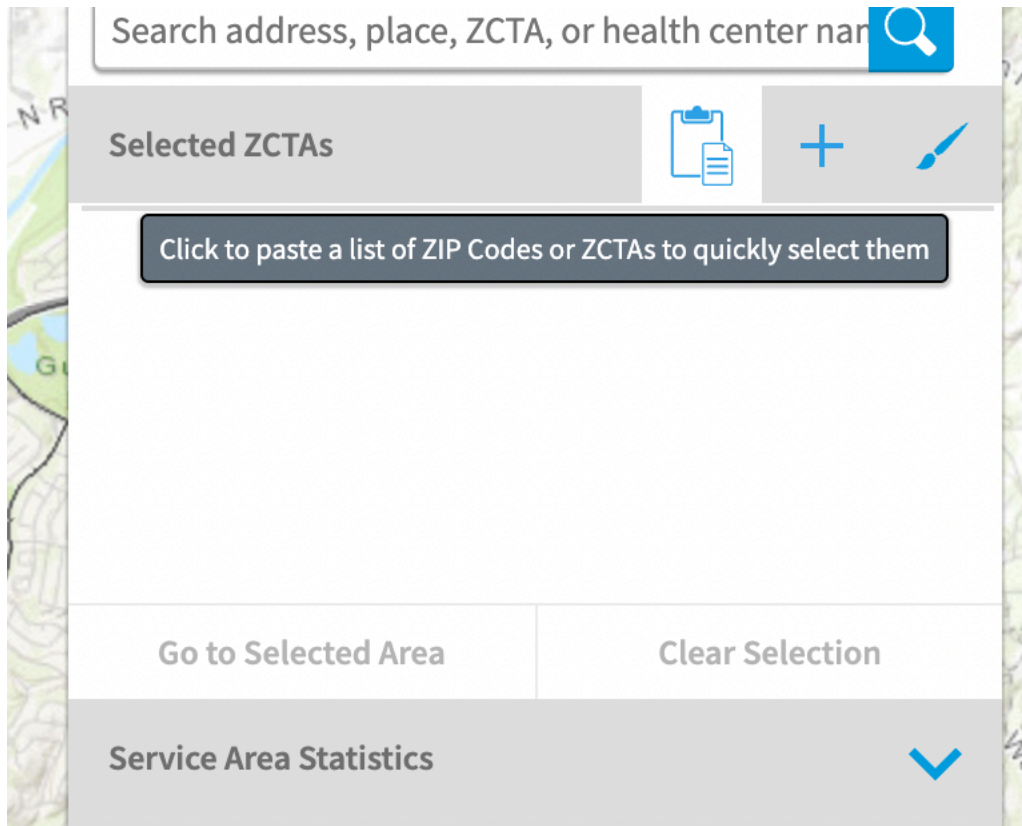
Let’s say you want some individual zip codes, but not a county.

Close the data table.

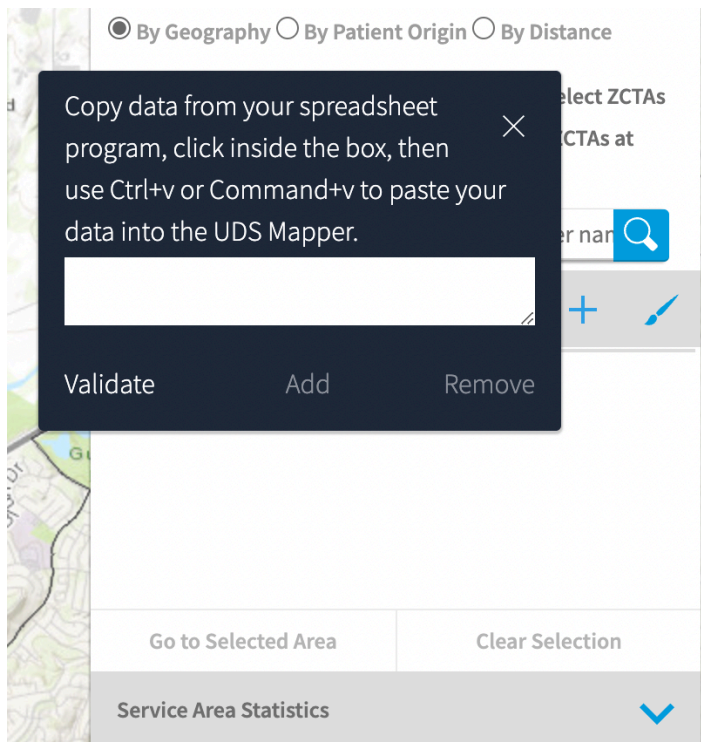
Clear selection from all the zip codes you’ve got.

On the right hand pane, click the clipboard icon.

Fun fact: in some cases UDS Mapper Tool data is wildly inconsistent with Census data for reasons that are not clear.



Paste all the zip codes you have.



Click "Validate"

And then "Add."

I can't remember the formats UDS will accept. Spaces seem to work; commas might or might not.

For cities and the like, I will sometimes have to go find the zip codes that comprise them, clean them up, and add them manually.

I don't know why UDS Mapper doesn't allow one to search by city but I didn't design it.

You should now be able to get the data, using the same steps as the "County" example above.

Good luck.

Find this daunting? Contact us at <https://seliger.com>.