

Using NYBBLES Data in GUPS

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The purpose of this guide is to show how to use NYBBLES generated data in GUPS. The guide is outlined in the following way: 1. **Preparing NYBBLES Data for GUPS**, 2. **Importing Data into GUPS**, and 3. **Downloading Data from GUPS**. Section 1 uses real examples from NYBBLES, sections 2 and 3 use fake data and a test version of GUPS.

1. Preparing NYBBLES Data for GUPS

1.1 Downloading Data

When looking at a particular block in the NYBBLES block browser, individuals can download individual excel files for each blocks by clicking the “Download addresses in Excel format” button. We are interested in this particular block because it appears the Census Bureau has one more record of housing units located in the Census block than estimated by the RPTS data.

Block 361119501001020

Locality	Saugerties town
Census 2010 Housing Unit count	18
LUCA Housing Unit count	18
LUCA Group Quarters count	0
RPTS based Housing unit count	17
Total number of SAM points	17
Rooftops and structure entrances	

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Parcels with RPTS based residential counts that overlap with this block (Click on parcel for more details)

#	Parcel address (% overlap with this block)	Parcel property class
0	31 Meadow Ln (3%)	210 - One Family Year-Round Residence
1	36 Meadow Ln (100%)	210 - One Family Year-Round Residence
1	11 Emerick Rd (100%)	210 - One Family Year-Round Residence
1	21 Emerick Rd (100%)	210 - One Family Year-Round Residence
1	23 Emerick Rd (100%)	210 - One Family Year-Round Residence
1	33 Emerick Rd (100%)	210 - One Family Year-Round Residence

After downloading the file, an excel file will appear with a variety of headers as seen in the table below, which are described in more detail in the NYBBLES User Guide. In order to prepare this data for GUPS, I will focus on information that is populating the headers that are bolded:

- **parcelID**: The ID number or order number of the parcel address for which an entry is located in. ID numbers are not unique between blocks, only within blocks.
- **MAPSPOT**: The order number ID of the SAM point located within
- **Source**: The source for the address entry, RPTS or SAM

- **Suggested action:** A suggested action in order to help make the downloaded address file useable in GUPS, such as deleting duplicates or verifying the existence of an address within a block
- STATE
- COUNTY
- TRACT
- BLOCK
- GEOID
- GQ
- **HOUSE NUMBER**
- **STREET NAME**
- **APARTMENT/UNIT #**
- **ZIP CODE**
- GQ NAME
- FACILITY NAME
- LOCATION DESCRIPTION
- NONCITY-STYLE ADDRESS
- NONCITY-STYLE ZIP CODE
- USE
- LATITUDE
- LONGITUDE
- CITY_STYLE ADDRESS

Looking at these particular fields in Excel, my data has the following information:

parcelID	MAPSPOT	source	Suggested action	HOUSE NUMBER	STREET NAME	ZIP CODE
1		RPTS (3% in block)	Check presence of HU in parcel in block (0 estimated)	31	Meadow Ln	
2		RPTS (100% in block)	Compare this and next SAM record - keep 1	36	Meadow Ln	
2	1	SAM	Compare this and previous parcel record - keep 1	36	Meadow Lane	12477
3		RPTS (100% in block)	Reduce to 1 address records	11	Emerick Rd	
3	1	SAM	Check address and remove some	15	Emerick Road	12477
3	2	SAM	Check address and remove some	11	Emerick Road	12477

4		RPTS (100% in block)	Compare this and next SAM record - keep 1	21	Emerick Rd	
4	1	SAM	Compare this and previous parcel record - keep 1	21	Emerick Road	12477
5		RPTS (100% in block)	Compare this and next SAM record - keep 1	23	Emerick Rd	
5	1	SAM	Compare this and previous parcel record - keep 1	23	Emerick Road	12477
6		RPTS (100% in block)	Reduce to 1 address records	33	Emerick Rd	
6	1	SAM	Check address and remove some	33	Emerick Road	12477
6	2	SAM	Check address and remove some	35	Emerick Road	12477
7		RPTS (100% in block)	Fill estimated 1 address records	25	Old Rt 9W	
8		RPTS (100% in block)	Fill estimated 1 address records	37	Emerick Rd	
9		RPTS (100% in block)	Fill estimated 1 address records	31	Emerick Rd	
10		RPTS (100% in block)	Reduce to 1 address records	29	Emerick Rd	
10	1	SAM	Check address and remove some	29	Emerick Road	12477
10	2	SAM	Check address and remove some	31	Emerick Road	12477

1.2 Cleaning the NYBBLES Data: Example A

In order for the information from NYBBLES to be useable in GUPS, there is a bit of data cleaning required. Let us explore the table more closely. Below, I have grouped properties located within a particular parcel address using color

Note, this is only a partial listing of the Block Excel file which has 39 rows.

Ultimately, because there are 17 housing units estimated using the Real Property Tax data, and 18 housing units estimated by LUCA, therefore there should be at least 17 unique housing units at a minimum. We need to fix the excel file so it reflects this.

parcelID	MAPSPOT	source	Suggested action	HOUSE NUMBER	STREET NAME	ZIP CODE
1		RPTS (3% in block)	Check presence of HU in parcel in block (0 estimated)	31	Meadow Ln	
2		RPTS (100% in block)	Compare this and next SAM record - keep 1	36	Meadow Ln	

2	1	SAM	Compare this and previous parcel record - keep 1	36	Meadow Lane	12477
3		RPTS (100% in block)	Reduce to 1 address records	11	Emerick Rd	
3	1	SAM	Check address and remove some	15	Emerick Road	12477
3	2	SAM	Check address and remove some	11	Emerick Road	12477
4		RPTS (100% in block)	Compare this and next SAM record - keep 1	21	Emerick Rd	
4	1	SAM	Compare this and previous parcel record - keep 1	21	Emerick Road	12477
5		RPTS (100% in block)	Compare this and next SAM record - keep 1	23	Emerick Rd	
5	1	SAM	Compare this and previous parcel record - keep 1	23	Emerick Road	12477
6		RPTS (100% in block)	Reduce to 1 address records	33	Emerick Rd	
6	1	SAM	Check address and remove some	33	Emerick Road	12477
6	2	SAM	Check address and remove some	35	Emerick Road	12477
7		RPTS (100% in block)	Fill estimated 1 address records	25	Old Rt 9W	
8		RPTS (100% in block)	Fill estimated 1 address records	37	Emerick Rd	
9		RPTS (100% in block)	Fill estimated 1 address records	31	Emerick Rd	
10		RPTS (100% in block)	Reduce to 1 address records	29	Emerick Rd	
10	1	SAM	Check address and remove some	29	Emerick Road	12477
10	2	SAM	Check address and remove some	31	Emerick Road	12477

Let us go through each parcel property address to understand the appropriate action suggested in order to clean the data.

Example 1

parcelID	MAPSPOT	source	Suggested action	HOUSE NUMBER	STREET NAME	ZIP CODE
1		RPTS (3% in block)	Check presence of HU in parcel in block (0 estimated)	31	Meadow Ln	

For the parcel address above, there are 0 housing units estimated by the Real Property Data, as stated in the “Suggested Action” field. Since there is only 3% of the parcel

address located in the block, local knowledge would be needed to see if this address of 31 Meadow Lane exists and if its located in the block.

Example 2

parcelID	MAPSPOT	source	Suggested action	HOUSE NUMBER	STREET NAME	ZIP CODE
2		RPTS (100% in block)	Compare this and next SAM record - keep 1	36	Meadow Ln	
2	1	SAM	Compare this and previous parcel record - keep 1	36	Meadow Lane	12477

For the parcel address above at 36 Meadow Lane, there is 1 SAM point located in the parcel address—36 Meadow Lane. As a result, including both addresses would be a duplicate. Therefore, the suggested action for the first and second entry is to compare them to one another and to only keep 1. Since 100% of the parcel is located in the block, we can assume that this address is also within the block. Users should be more inclined to keep the SAM points when dealing with duplicates, because their mapspot is typically that of a rooftop while the RPTS latitude and longitude typically map to a parcel centroid.

Example 3

parcelID	MAPSPOT	source	Suggested action	HOUSE NUMBER	STREET NAME	ZIP CODE
3		RPTS (100% in block)	Reduce to 1 address records	11	Emerick Rd	
3	1	SAM	Check address and remove some	15	Emerick Road	12477
3	2	SAM	Check address and remove some	11	Emerick Road	12477

For the parcel address above at 11 Emerick Rd, there are 2 SAM points located within the parcel address: 15 Emerick Road and 11 Emerick Road. Since the RPTS data only estimates 1 housing address, the suggested action code with the parcel address is to “Reduce to 1 address records.” Local knowledge is required to know if there are not actually two housing units located in the parcel address and the block. Here there could be a miscount between SAM and RPTS because, the RPTS data could be incorrectly predicting the number of housing units, there could be new development not reflected in the RPTS data, or perhaps a set of the SAM coordinates were digitized incorrectly.

Example 4

parcelID	MAPSPOT	source	Suggested action	HOUSE NUMBER	STREET NAME	ZIP CODE
7		RPTS (100% in block)	Fill estimated 1 address records	25	Old Rt 9W	

For the parcel address above, there is an estimated 1 housing unit located inside. However, there are no other SAM points which share parcelID 7. As a result, the suggested action to complete the entry would be to fill out the addressing of the housing unit located within 25 Old Rt 9W.

Example 5

parcelID	MAPSPOT	source	Suggested action	HOUSE NUMBER	STREET NAME	ZIP CODE
9		RPTS (100% in block)	Fill estimated 1 address records	31	Emerick Rd	
10		RPTS (100% in block)	Reduce to 1 address records	29	Emerick Rd	
10	1	SAM	Check address and remove some	29	Emerick Road	12477
10	2	SAM	Check address and remove some	31	Emerick Road	12477

For the parcel addresses above, we can note for parcelID 9 with address 31 Emerick Road, the suggested action is to fill estimated 1 address record. However, for the subsequent parcelID 10 with address 29 Emerick Road, the suggested action is to reduce to 1 address record. Note, within the second parcel address, there is a SAM point of 31 Emerick Road, which may in fact coordinate with the parcelID 9 parcel address of 31 Emerick Road. Local knowledge may be required to remediate whether the SAM point was incorrectly located. However, ultimately both property addresses of 29 Emerick Road and 31 Emerick Road should both be included in the final Excel List to be put into GUPS.

1.2 Cleaning the NYBBLES Data: Example B

Let us now turn our attention to the following Census Block which has a LUCA count of 71 Housing Units and 2 Group Quarters, but from the RPTS data, an estimated 76 housing

units. This Census Block is also of interest, because It includes apartment complexes which often will have several housing units located in one particular building or parcel address.










Block 361090001001004

Locality	Ithaca city
Census 2010 Housing Unit count	25
LUCA Housing Unit count	71
LUCA Group Quarters count	2
RPTS based Housing unit count	76
Total number of SAM points	86
Rooftops and structure entrances	

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Parcels with RPTS based residential counts that overlap with this block (Click on parcel for more details)

# residential units in block	Parcel address (% overlap with this block)	Parcel property class
4	115 Buffalo St W (100%) 	411 - Apartments
6	113-13.5 Buffalo St W (100%) 	411 - Apartments
2	204 Cayuga St N (100%) 	483 - Converted Residence
50	100 Seneca St W (100%) 	411 - Apartments
5	114 Seneca St W (100%) 	411 - Apartments
4	116 Seneca St W (100%) 	411 - Apartments
1	207 Geneva St N (100%) 	483 - Converted Residence
2	211 Geneva St N (100%) 	483 - Converted Residence
2	117 Buffalo St W (100%) 	220 - Two Family Year-Round Residence

The Excel file for this particular block has 96 rows. Ultimately, it should have somewhere between 71 and 76 addresses as these correspond to the LUCA Housing Unit count and the RPTS estimated housing units numbers.

Let us look at three parcelIDs from the Census Block:

parcelID	MAPSPOT	source	Suggested action	HOUSE	STREET NAME	APARTMENT/ UNIT #	ZIP CODE	LOCATION DESCRIPTION
1		RPTS (100% in block)	Reduce to 4 address records	115	Buffalo St W			Parcel centroid
1	1	SAM	Check address and remove some		West Buffalo Street	Apartment 4	14850	Rooftop

1	2	SAM	Check address and remove some		West Buffalo Street	Apartment 5	14850	Rooftop
1	3	SAM	Check address and remove some		West Buffalo Street	Apartment 2	14850	Rooftop
1	4	SAM	Check address and remove some		West Buffalo Street	Apartment 3	14850	Rooftop
1	5	SAM	Check address and remove some		West Buffalo Street		14850	Rooftop
2		RPTS (100% in block)	Reduce to 6 address records	113-13.5	Buffalo St W			Parcel centroid
2	1	SAM	Check address and remove some		West Buffalo Street		14850	Rooftop
2	2	SAM	Check address and remove some		West Buffalo Street		14850	Rooftop
2	3	SAM	Check address and remove some		West Buffalo Street	Apartment 3	14850	Rooftop
2	4	SAM	Check address and remove some		West Buffalo Street	Apartment 1	14850	Rooftop
2	5	SAM	Check address and remove some		West Buffalo Street	Apartment 2	14850	Rooftop
2	6	SAM	Check address and remove some		West Buffalo Street	Apartment 4	14850	Rooftop
2	7	SAM	Check address and remove some		West Buffalo Street	Apartment 5	14850	Rooftop
3		RPTS (100% in block)	Fill estimated 2 address records	204	Cayuga St N			Parcel centroid
3	1	SAM	Check address (fill apartment/unit field) and keep		North Cayuga Street		14850	Rooftop

Example 1

LOCATION DESCRIPTION	ZIP CODE	APARTMENT/ UNIT #	STREET NAME	HOUSE	Suggested action	source	MAPSPOT	parcelID
Parcel centroid			Buffalo St W	115	Reduce to 4 address records	RPTS (100% in block)		1
Rooftop	14850	Apartment 4	West Buffalo Street		Check address and remove some	SAM	1	1
Rooftop	14850	Apartment 5	West Buffalo Street		Check address and remove some	SAM	2	1
Rooftop	14850	Apartment 2	West Buffalo Street		Check address and remove some	SAM	3	1
Rooftop	14850	Apartment 3	West Buffalo Street		Check address and remove some	SAM	4	1
Rooftop	14850		West Buffalo Street		Check address and remove some	SAM	5	1

For the parcel address above at 115 Buffalo St SW, the parcel address has an estimated 4 housing units estimated from the RPTS as seen in the “Suggested Action” field of the Excel file, as well as the block browser. However, there are 5 SAM point addresses included in this Excel file. Surprisingly, there is an Apartment 5, which may argue that the RPTS data estimated incorrectly the number of housing units, or that the SAM data misread the apartment numbers. In any case, local knowledge is required to eliminate any duplicates and to make sure every entry is unique. For instance, MAPSPOT 5 and the first RPTS entry (which is a parcel centroid location) may be unnecessary and could be replaced with a 115 Buffalo St W, Apartment 1.

Example 2

LOCATION DESCRIPTION	ZIP CODE	APARTMENT/ UNIT #	STREET NAME	HOUSE NUMBER	Suggested action	source	MAPSPOT	parcelID
Parcel centroid			Buffalo St W	113- 13.5	Reduce to 6 address records	RPTS (100% in block)		2
Rooftop	14850		West Buffalo Street		Check address and remove some	SAM	1	2

2	2	SAM	Check address and remove some		West Buffalo Street		14850	Rooftop
2	3	SAM	Check address and remove some		West Buffalo Street	Apartment 3	14850	Rooftop
2	4	SAM	Check address and remove some		West Buffalo Street	Apartment 1	14850	Rooftop
2	5	SAM	Check address and remove some		West Buffalo Street	Apartment 2	14850	Rooftop
2	6	SAM	Check address and remove some		West Buffalo Street	Apartment 4	14850	Rooftop
2	7	SAM	Check address and remove some		West Buffalo Street	Apartment 5	14850	Rooftop

For the parcel address above, the RPTS data estimates 6 housing units. There are 7 SAM points associated with this parcel address, with 5 of them denoting a specific apartment. The other two points, MAPSPOT 1 and 2 should be investigated to see if they are in fact the 6th apartment or should be replaced with a better geo-location.

Example 3

LOCATION DESCRIPTION	ZIP CODE	APARTMENT/UNIT #	STREET NAME	HOUSE	Suggested action	source	MAPSPOT	parcelID
Parcel centroid			Cayuga St N	204	Fill estimated 2 address records	RPTS (100% in block)		3
Rooftop	14850		North Cayuga Street		Check address (fill apartment/unit field) and keep	SAM	1	3

For the parcel address, above, the RPTS data estimates 2 addresses, bt there is only 1 SAM point. However, because there are 2 address records located in a parcel with only 1 property, this is probably a two-family home. Therefore, the SAM point's suggested action of "check address (Fill apartment/unit field) and keep" should be followed. A resulting entry of could be desired (of course with corresponding latitude and longitude) :

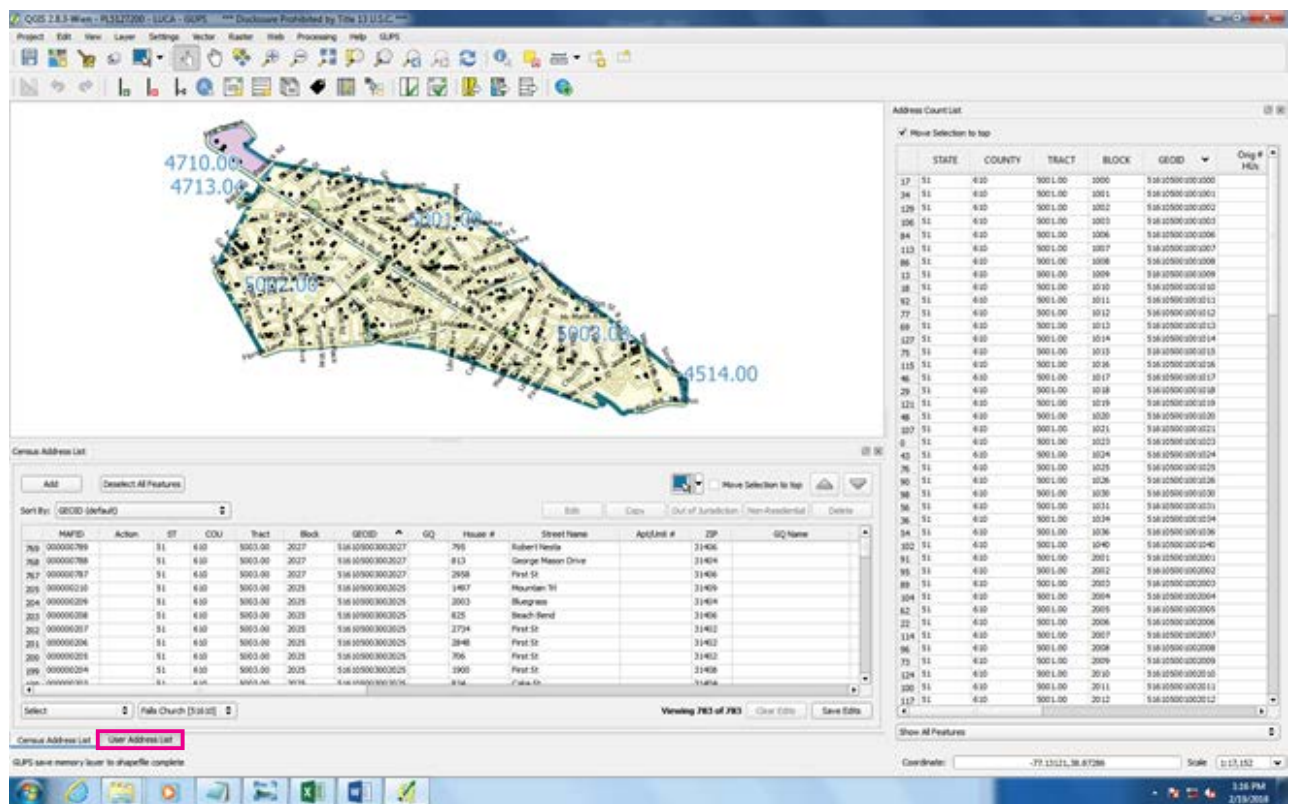
LOCATION DESCRIPTION	ZIP CODE	APARTMENT/UNIT #	STREET NAME	HOUSE	Suggested action	source	MAPSPOT	parcelID
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3	1			204	Cayuga St N	Apartment A		Rooftop
3	2			204	Cayuga St N	Apartment B	14850	Rooftop

2. Importing Data into GUPS

2.1 Example 1

To import data into GUPS, click the “User Address List” tab found on the bottom of the screen.



Notice that compared to the Census Address List, the User Address List is empty until we find our csv file. I select the “Import” button and choose the correct CSV file with my cleaned NYBBLES data. The address list then populates.

If I zoom into my block of interest, I notice that my fake data strides two different blocks. The User Address List addresses haven't been added to the Census list, because as we can see—there are hollow triangles. If the Census had these addresses, there would be a black dot intersecting the said triangle. (Notice the black dots in Block 3012).

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Project Edit View Layer Settings Vector Raster Web Processing Help GUPS

User Address List

Import Add to Census List Deselect All Features Assign GEOID Delete Delete All Move Selection to top

	MAFID	Action	ST	COU	Tract	Block	GEOID	GQ	House #	Street Name
25	A00000026		51	610	5002	3019	5161050023019		44	Reading Railroad
24	A00000025		51	610	5002	3019	5161050023019		2	Hello Drive
23	A00000024		51	610	5002	3019	5161050023019		2	Hello Drive
22	A00000023		51	610	5002	3019	5161050023019		2	Hello Drive
21	A00000022		51	610	5002	3019	5161050023019		2	Hello Drive
20	A00000021		51	610	5002	3019	5161050023019		2	Hello Drive
19	A00000020		51	610	5002	3019	5161050023019		46	Reading Railroad
18	A00000019		51	610	5002	3019	5161050023019		25	Florida Drive
17	A00000018		51	610	5002	3019	5161050023019		25	Florida Drive
16	A00000017		51	610	5002	3019	5161050023019		23	Florida Drive
15	A00000016		51	610	5002	3019	5161050023019		23	Florida Drive
14	A00000015		51	610	5002	3019	5161050023019		36	Hello Drive
13	A00000014		51	610	5002	3019	5161050023019		36	Hello Drive
12	A00000013		51	610	5002	3019	5161050023019		36	Hello Drive

Select Falls Church [51610] Clear Edits Save Edits

Census Address List User Address List

There may have been an error in the NYBBLES data. GUPS can fix any geo-coding errors. By selecting an address line, I will then have an option to "Add to Census List." If for an entry the Block number I have listed is incorrect compared to what GUPS believes is correct, GUPS will fix this automatically and prompt me to select the "Save Edits" button. Or, if I am missing data or want to fix it before said prompt, I can select the "Assign GEOID" button. By selecting the "Assign GEOID" button, I am essentially giving GUPS permission to rewrite the State, County, Tract, Block, and GEOID information for my entry. There is a "C" on the action list for these items standing for "Corrected."

Once I add the addresses to the Census List, I can see that there is a blue dot inside the triangles on the map. Additionally on the User Address List tab there is an "M" on the action list for "Moved," while there is an "A" on the action list for "Added" on the Census List.

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ProjectEditViewLayerSettingsVectorRasterWebProcessingHelpGUPS

User Address List

ImportAdd to Census ListDeselect All FeaturesAssign GEOIDDeleteDelete AllMove Selection to top

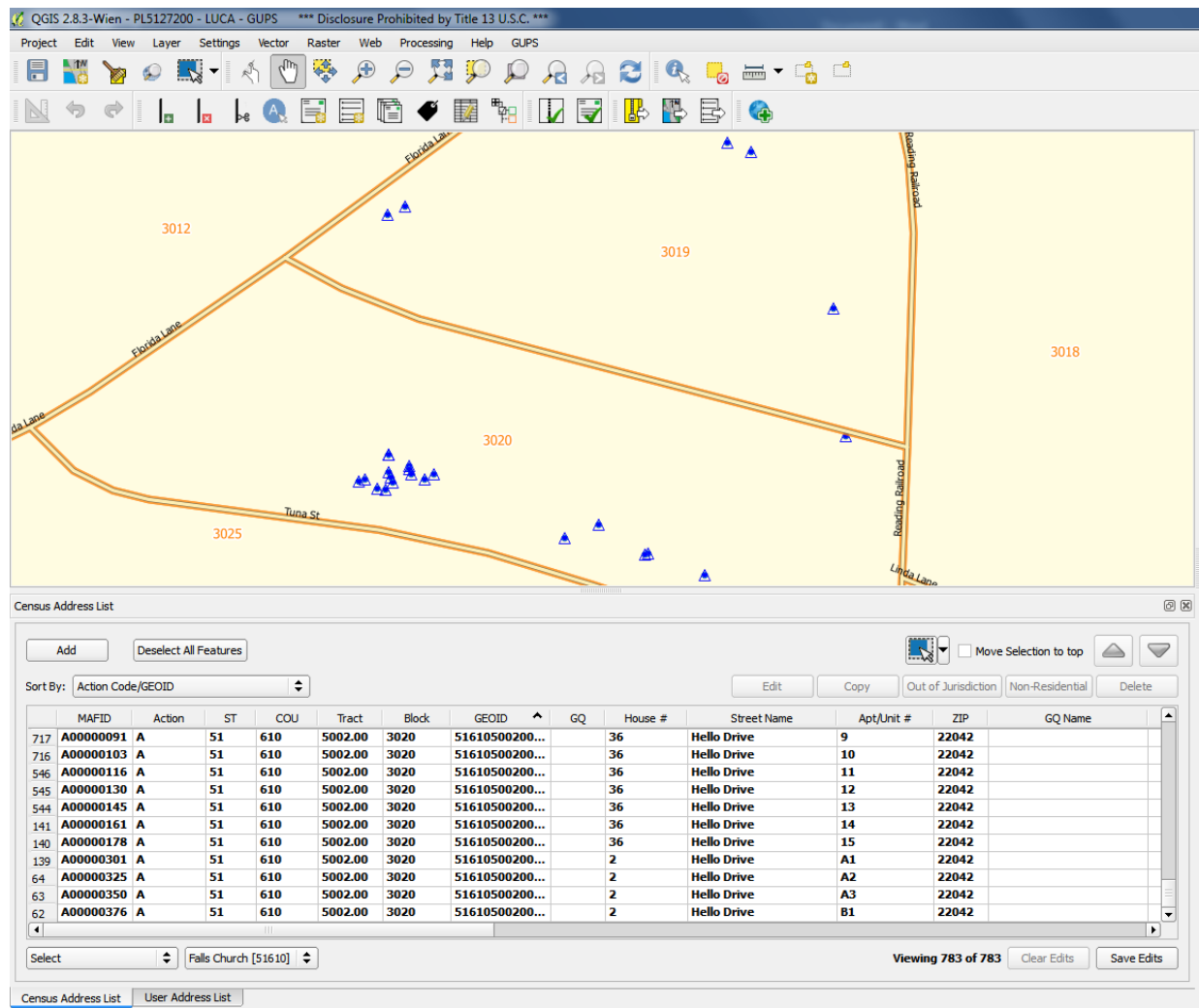
	Action	ST	COU	Tract	Block	GEOID	GQ	House #	Street Name	
15	M	51	610	5002.00	3019	516105002003019		23	Florida Drive	First
16	M	51	610	5002.00	3019	516105002003019		23	Florida Drive	Sec
17	M	51	610	5002.00	3019	516105002003019		25	Florida Drive	1
18	M	51	610	5002.00	3019	516105002003019		25	Florida Drive	2
19	M	51	610	5002.00	3019	516105002003019		46	Reading Railroad	
25	M	51	610	5002.00	3020	516105002003020		44	Reading Railroad	
24	M	51	610	5002.00	3020	516105002003020		2	Hello Drive	B2
0	M	51	610	5002.00	3020	516105002003020		36	Hello Drive	1
2	M	51	610	5002.00	3020	516105002003020		36	Hello Drive	3
3	M	51	610	5002.00	3020	516105002003020		36	Hello Drive	4
4	M	51	610	5002.00	3020	516105002003020		36	Hello Drive	5
5	M	51	610	5002.00	3020	516105002003020		36	Hello Drive	6
6	M	51	610	5002.00	3020	516105002003020		36	Hello Drive	7
7	M	51	610	5002.00	3020	516105002003020		36	Hello Drive	8

Select

Falls Church [51610]

Clear EditsSave Edits

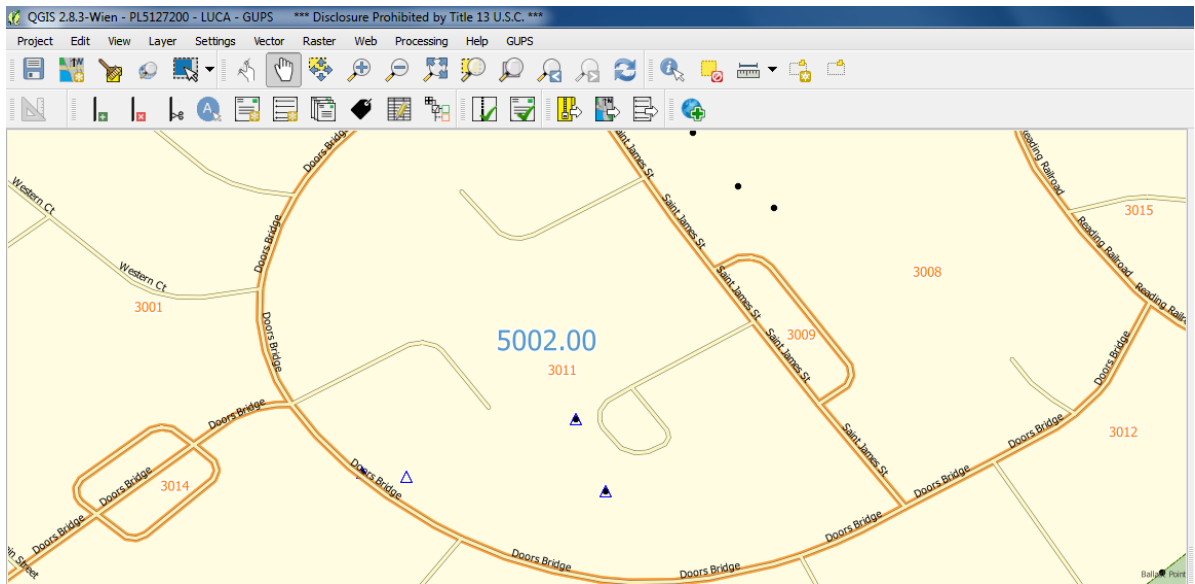
Census Address ListUser Address List



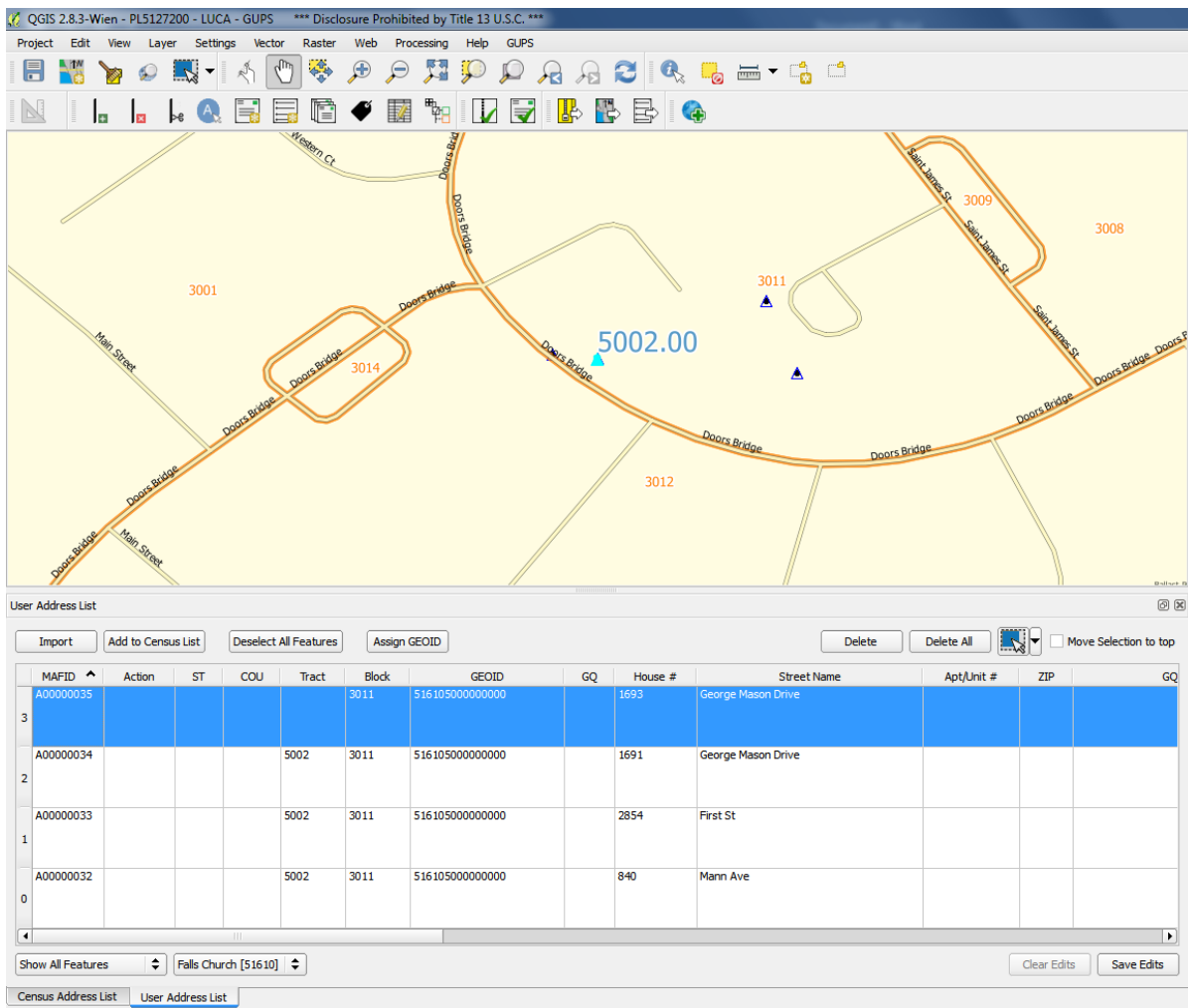
2.2 Example 2

After finishing with the block above, I wish to import data from another block from NYBBLES into GUPS. I have already cleaned the file and saved it as a csv file.

For this block, there are 4 housing units estimated in the block using RPTS data, but LUCA only has 3 housing units recorded. Once I import the csv file following the same procedure as above, I notice in the map above that for three of the address there is an intersected dot and triangle, while one triangle is hollow. This one hollow triangle is the housing unit that has not been recorded in LUCA.



After selecting different entries on my User Address List, I find the entry for the missing housing address.



I then select “Add to Census List,” and as before there is an “M” for the entry on the “User Address List” tab and “A” on the Census Address List.

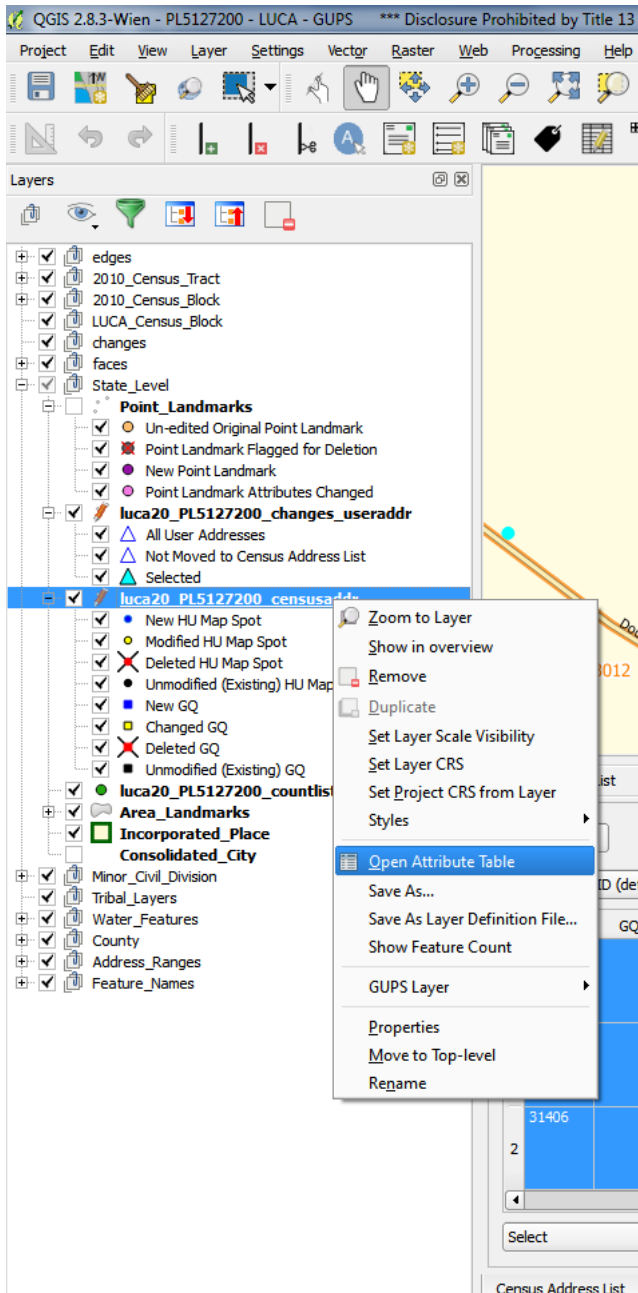
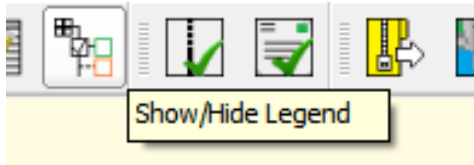
We can see there is no action for the entries that the Census Bureau already has, because I didn’t choose those addresses to be added to the Census Bureau (i.e. the 3 housing units with the intersected triangles).

The screenshot shows the QGIS 2.8.3-Wien interface. The main map displays a residential area with street names and house numbers. The 'User Address List' table is visible at the bottom, showing columns for MAPID, Action, ST, COU, Tract, Block, GQ, House #, Street Name, Apt/Unit #, and ZIP. The 'Address Count List' table is also visible on the right side of the interface, showing columns for Orig # HUs, Curr # HUs, Local # HUs, # Diff HUs, and Orig # GQs. The 'User Address List' table has a 'Select' column with a dropdown menu set to 'Column filter'.

MAPID	Action	ST	COU	Tract	Block	GQ	House #	Street Name	Apt/Unit #	ZIP
1	A	51	610	5002.00	3011	516.1050000000000	2554	First St		
2	A	51	610	5002.00	3011	516.1050000000000	1891	George Mason Drive		
3	A	51	610	5002.00	3011	516.1050000000000	1693	George Mason Drive		
4	A	51	610	5002.00	3020	516.1050000000000	26	Hells Drive	1	22042
5	A	51	610	5002.00	3020	516.1050000000000	36	Hells Drive	2	22042
6	A	51	610	5002.00	3020	516.1050000000000	36	Hells Drive	3	22042
7	A	51	610	5002.00	3020	516.1050000000000	36	Hells Drive	4	22042
8	A	51	610	5002.00	3020	516.1050000000000	36	Hells Drive	5	22042
9	A	51	610	5002.00	3020	516.1050000000000	36	Hells Drive	6	22042
10	A	51	610	5002.00	3020	516.1050000000000	36	Hells Drive	7	22042
11	A	51	610	5002.00	3020	516.1050000000000	36	Hells Drive	8	22042
12	A	51	610	5002.00	3020	516.1050000000000	36	Hells Drive	9	22042

3. Downloading Data from GUPS

Let’s say I was interested in downloading the Census data from Block 3011 from Section 2.2 before I imported my data. In order to download data from GUPS, I can select the “Census Address List” tab and under the “Select” drop-down menu choose “Column filter.”



From here, a window will appear on the left-hand side of the GUPS browser. Make sure your list of addresses is still highlighted. In the layers window, right click on the corresponding census address list.

Note that there are two lists of data with identical icons, however one has "censusadd" in the name and other is "changes_useraddr." Right click on the former and select "Open Attribute Table."

Once the table pops up, in the bottom left corner, select the "Show All Features" drop down menu and choose "Show Selected Features."

Attribute table - luca20_PL5127200_censusaddr :: Features total: 808, filtered: 3, selected: 3

	MAFID	ACTION	ENTITY	STATEFP	COUNTYFP	TRACT	BLOCK	GEOID
36	000000014		PL5127200	51	610	5002.00	3011	516105002003011
37	000000015		PL5127200	51	610	5002.00	3011	516105002003011
38	000000016		PL5127200	51	610	5002.00	3011	516105002003011

Show Selected Features

JadeFake.csv - Excel

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	wkt_geon	MAFID	ACTION	ENTITY	STATEFP	COUNTYFP	TRACT	BLOCK	GEOID	GQ_FLAG	HOUSE	URBANIZ	CONDON/AREA1	AREA2	STREETNA	KM_HM	COMPLDE	UNIT	
2	POINT(-77	14		PL5127200	51	610	5002	3011	5.16E+14		840					Mann Ave			
3	POINT(-77	15		PL5127200	51	610	5002	3011	5.16E+14		2854					First St			
4	POINT(-77	16		PL5127200	51	610	5002	3011	5.16E+14		1691					George Mason Drive			
5																			
6																			
7																			
8																			
9																			
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Ready

The downloaded addresses can be combined with the NYBBLES data in Excel to check what NYBBLES addresses are duplicates of Census Addresses and what NYBBLES addresses need to be added.

4. Resources

NYBBLES Links

- NYBBLES Homepage: <https://pad.human.cornell.edu/census2020/nybbles.cfm>
- NYBBLES User Guide: http://pad.human.cornell.edu/census2020/docs/NYBBLES_UserGuide.pdf
- Single address geocoders: <https://pad.human.cornell.edu/tools/geocoder.cfm>

Census & LUCA Related Links

- Census Glossary: <https://www.census.gov/glossary>
- Census LUCA Homepage: <https://www.census.gov/programs-surveys/decennial-census/about/luca.html>
- Census GUPS presentation: https://www2.census.gov/geo/pdfs/partnerships/luca/2020LUCA_Training_GUPS.pdf
- GUPS webinar by Geography Department of the New York Regional Census Center <https://census.webex.com/census/lsr.php?RCID=9c74b5bab78b2b80212980e075c4ee76>
- Census LUCA Frequently Asked Questions: https://www2.census.gov/geo/pdfs/partnerships/luca/2020LUCA_FAQ.pdf
- LUCA Frequently asked questions at NY State Data Center: <https://labor.ny.gov/nys-data-center/luca-frequently-asked-questions.shtm>
- LUCA training webinars organized by NY Council on Children and Families: <http://ccf.ny.gov/council-initiatives/census-2020-get-prepared/luca-training-webinars/>
- GUPS webinar by Geography Department of the New York Regional Census Center <https://census.webex.com/census/lsr.php?RCID=9c74b5bab78b2b80212980e075c4ee76>