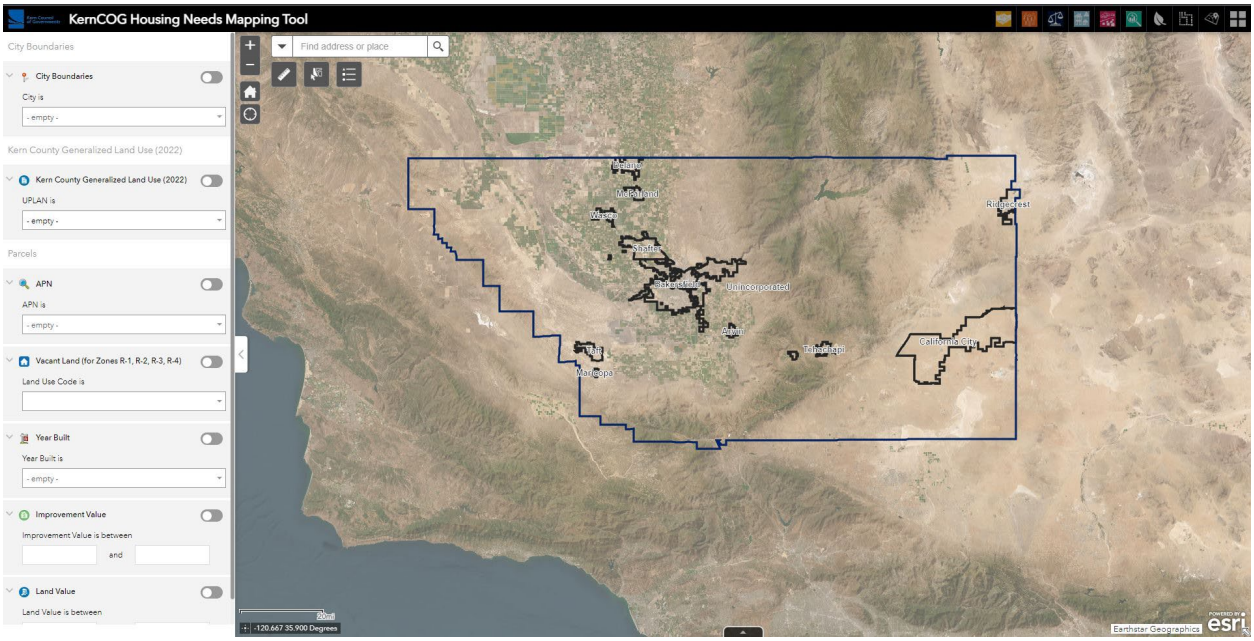
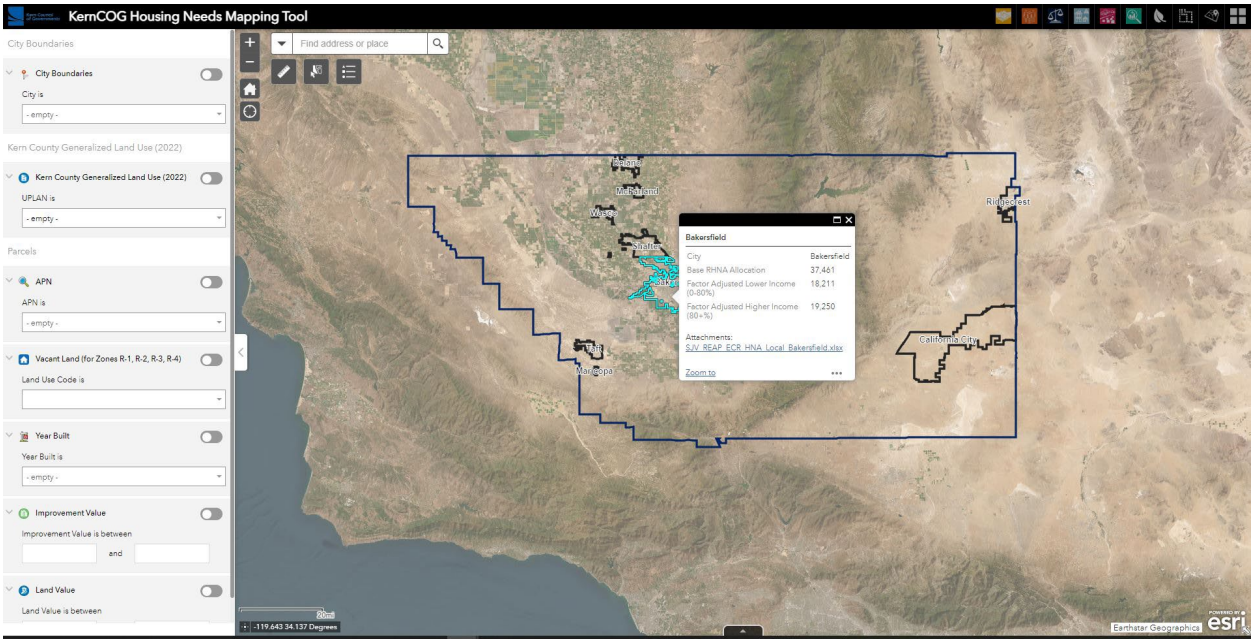
Kern COG Housing Needs Mapping Tool User Guide

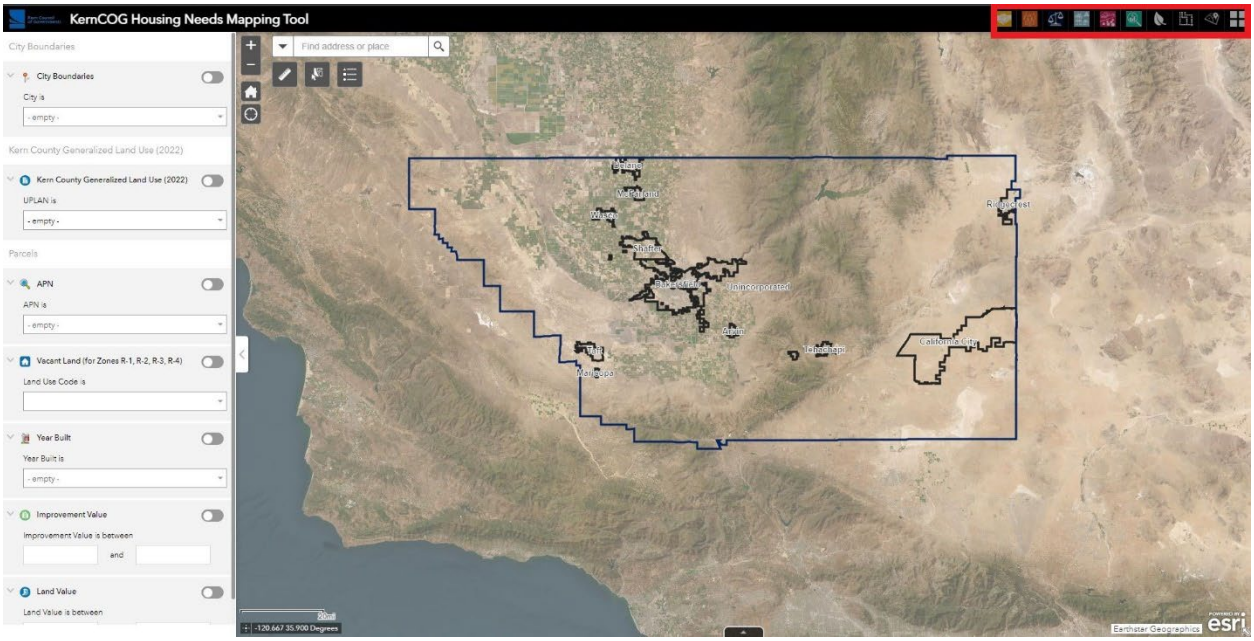
The tool opens to the screen below. The default layers shown are the County Boundary and City Boundaries. Click on a City Boundary to view Regional Housing Needs Allocation (RHNA) data as well as download the jurisdiction specific San Joaquin Valley Regional Early Action Planning (SJV REAP) spreadsheet.





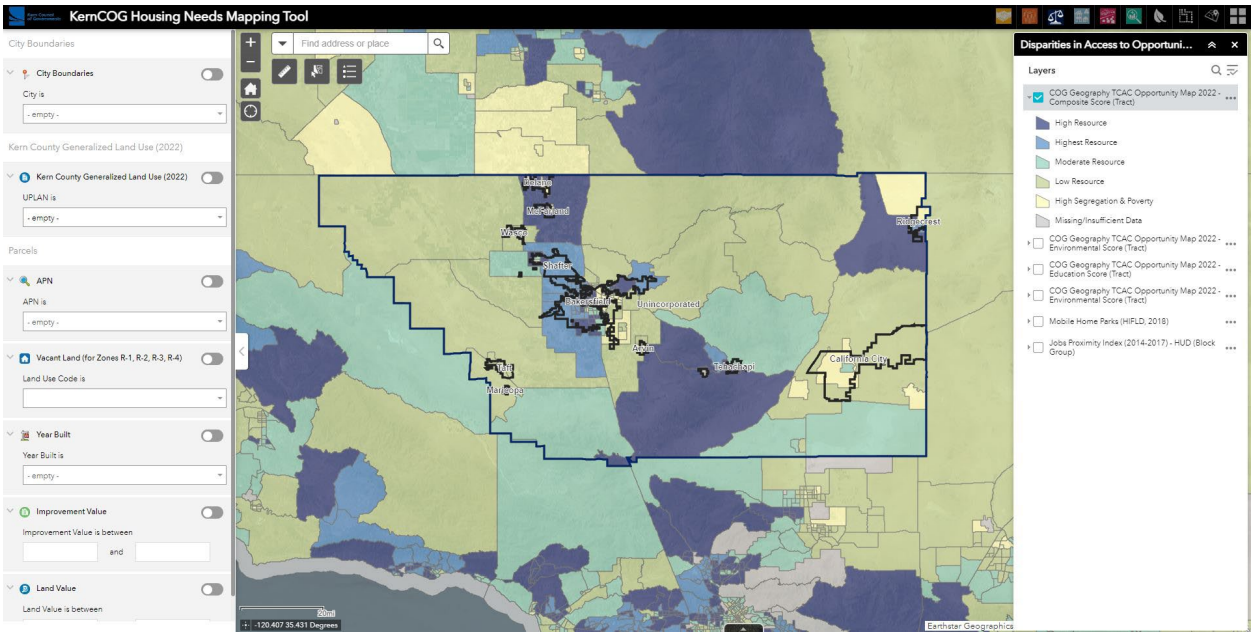
Data Categories

In the upper right-hand corner of the tool are nine clickable category icons. Click on each icon to explore data layers available in that category.



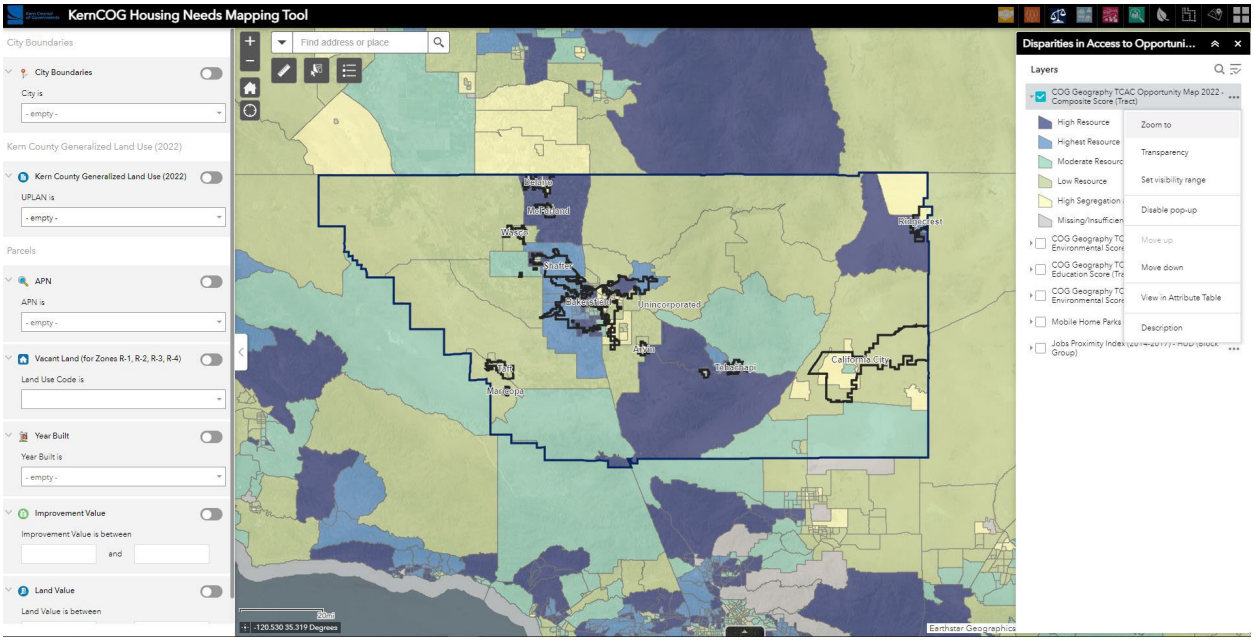
Viewing Data Layers

To make a data layer viewable, click on the empty box to the immediate left of the data layer name. The data appears visually on the tool. Click the drop down arrow next to the layer to show the corresponding layer symbology. To remove the data layer from view, click the checked box to the immediate left of the layer name. The layer will be no longer be visible. Once a layer is selected for viewing, it will remain visible until the selection box is unselected, even when moving between data categories. The selection box must be unselected to remove a data layer from view.



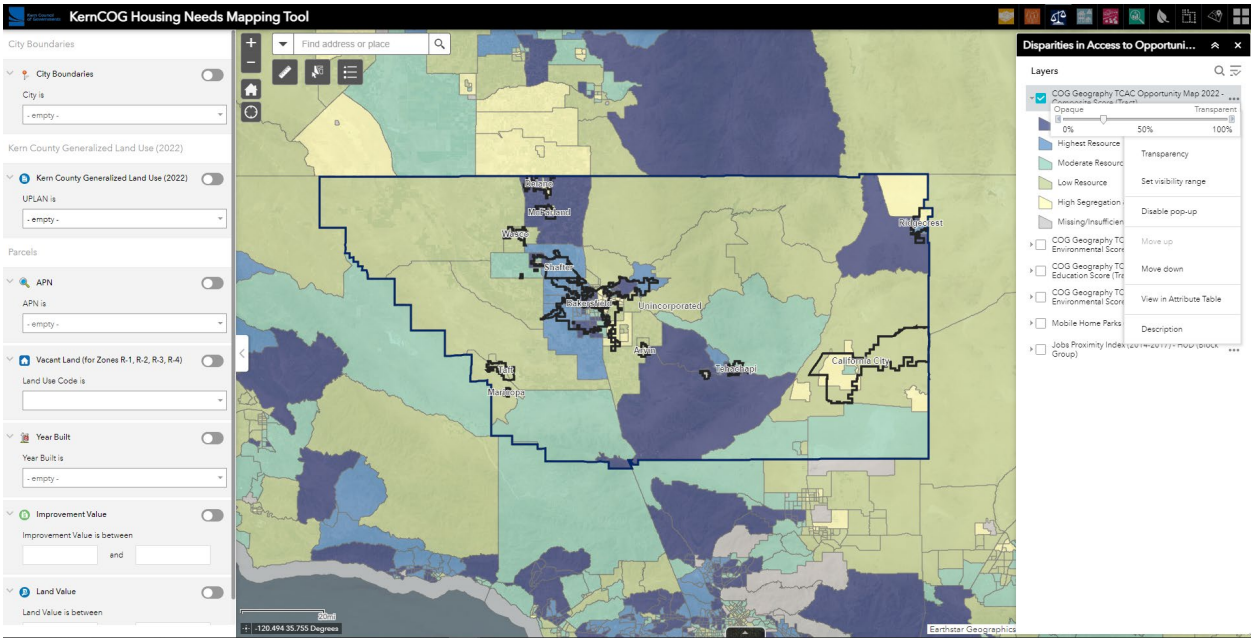
Layer Order

Multiple layers may be viewed at once, however the data layer at the top of the category in the right-hand side panel will be the predominantly visible layer. The order of available data layers within each category is adjustable. To change the order of a layer, click on the three dots to the right of the layer name in the right-hand side panel. Select “Move Up” or “Move Down” to move the selected layer.



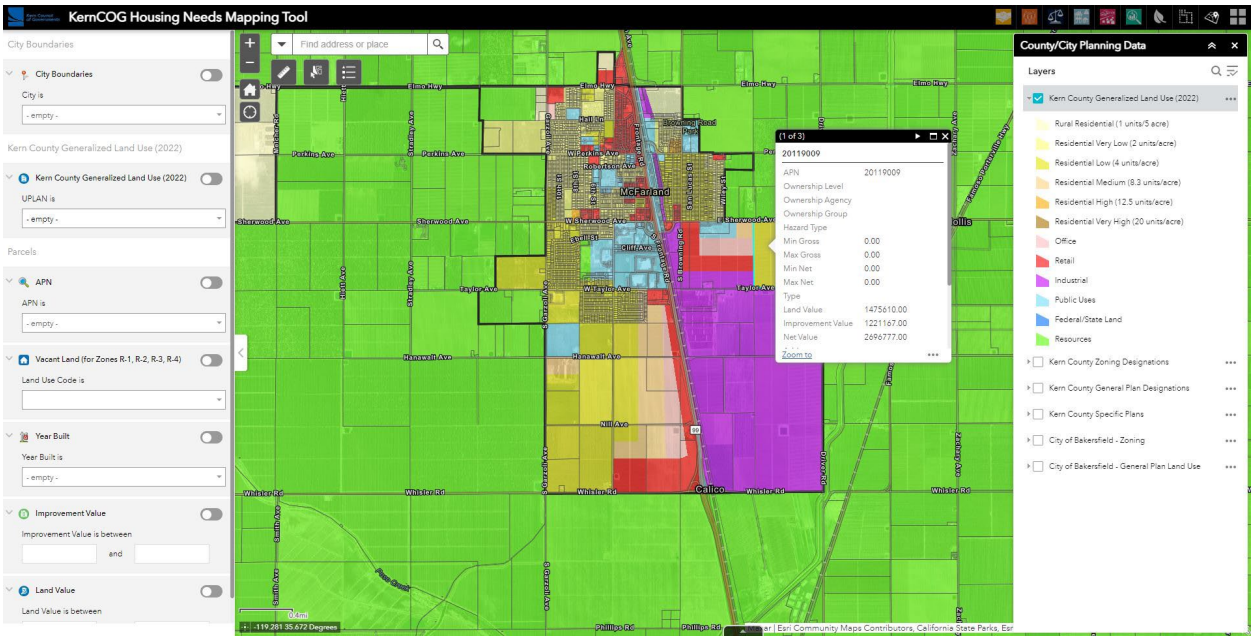
Transparency

The transparency of each layer is adjustable to customize overlapping data layers. To change the transparency of a layer, click on the three dots to the right of the layer name in the right-hand side panel. Select “Transparency”. An adjustable scale appears immediately above the selected layer. Once the desired transparency is set, click on any white space in the right-hand side panel to close the edit table.



Data Window (Pop Up's)

The data layers within the tool are interactive. To view associated data and details for a particular data layer, click on the area of interest within the tool**.** Use the scroll bar in the information window to explore the available data.



Basemap

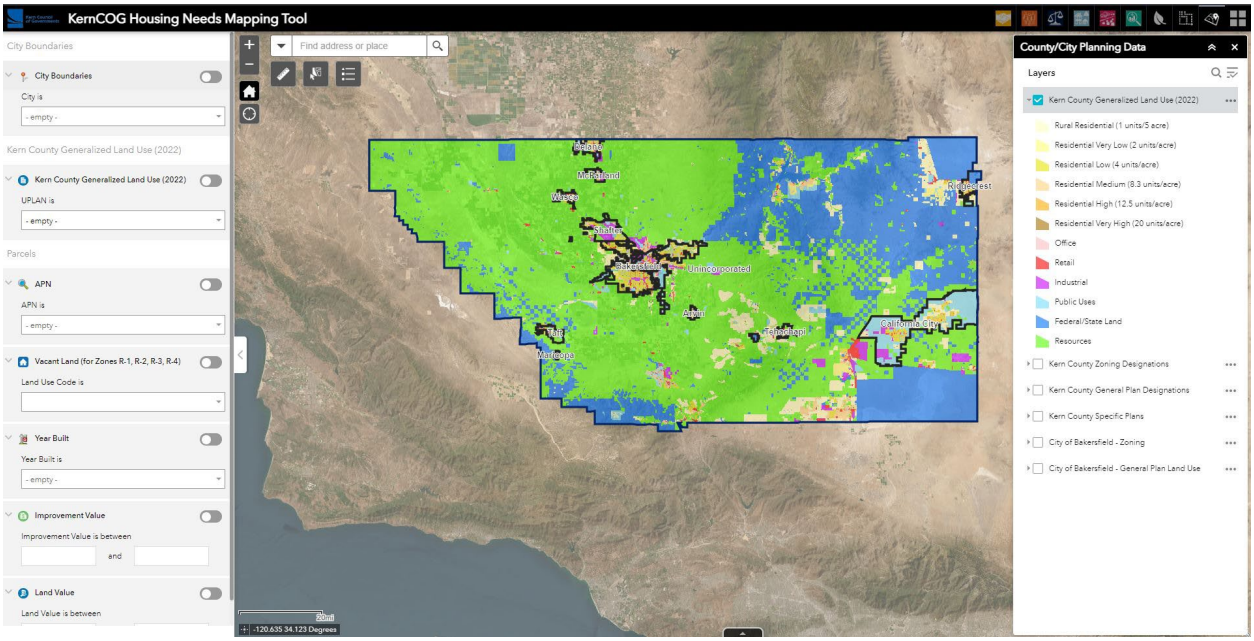
The tool defaults to a standard imagery basemap. The basemap can be changed by using the “Basemap Gallery” tab located in the upper left-hand corner. Road labels will appear when zooming in to a specific area.

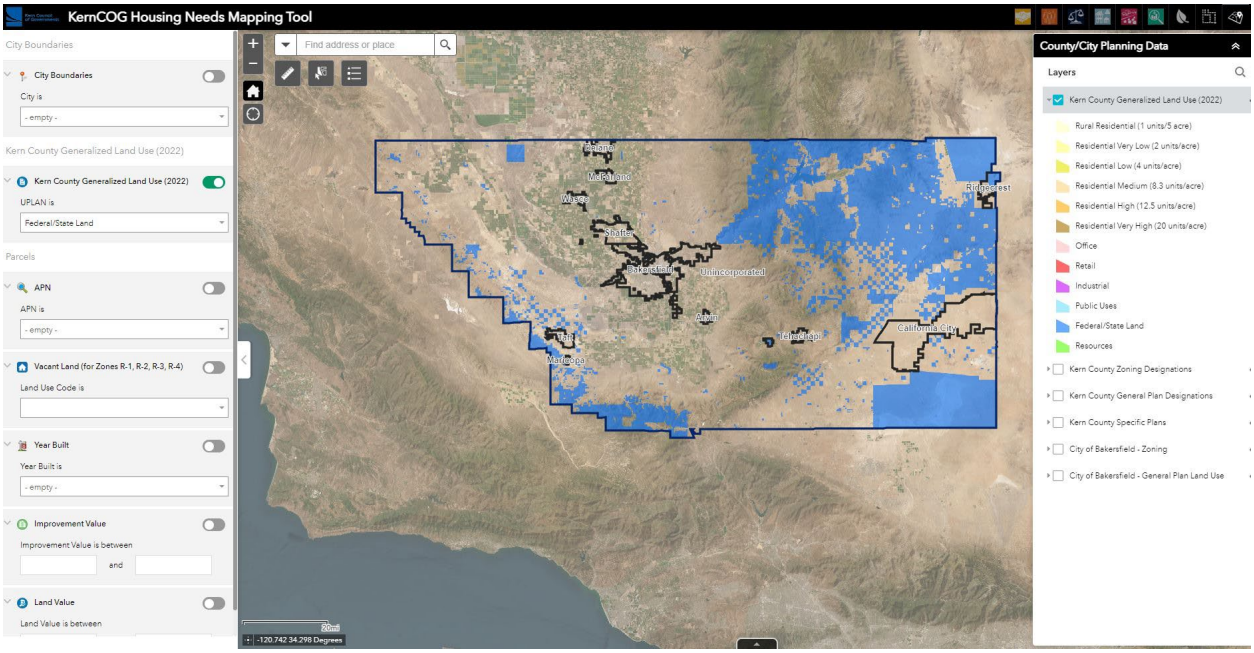
- To change the application basemap, select the “Basemap Gallery” tool in the upper left-hand corner immediately underneath the address search bar.
- A list of available basemaps appears
- Select the desired basemap by clicking on the desired basemap thumbnail in the menu.

Filters

The filters on the left hand side allow the user to set specific parameters to search certain layers. To use the filters, select a drop down option or input a value range and toggle the filter on. Make sure the layer is visible in the right hand panel within the data tabs in the upper right hand corner.

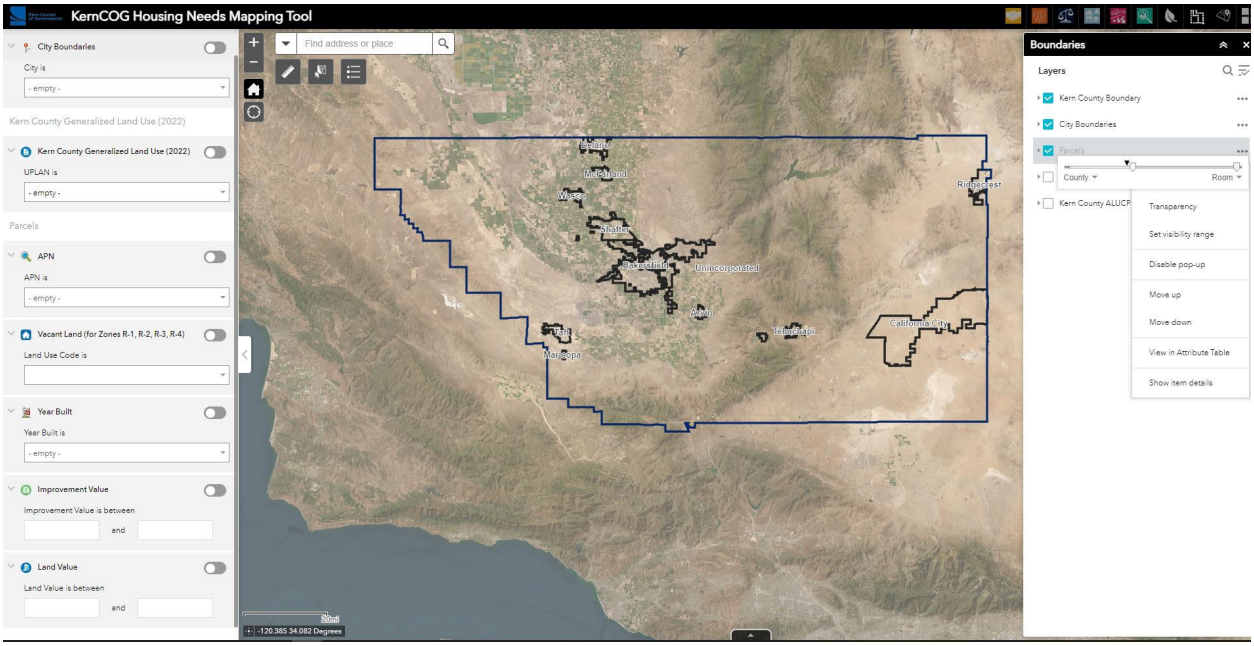
Note: A generalized layer of all General and Specific Plans in Kern County to be used as an input layer for UPlan land use modeling.

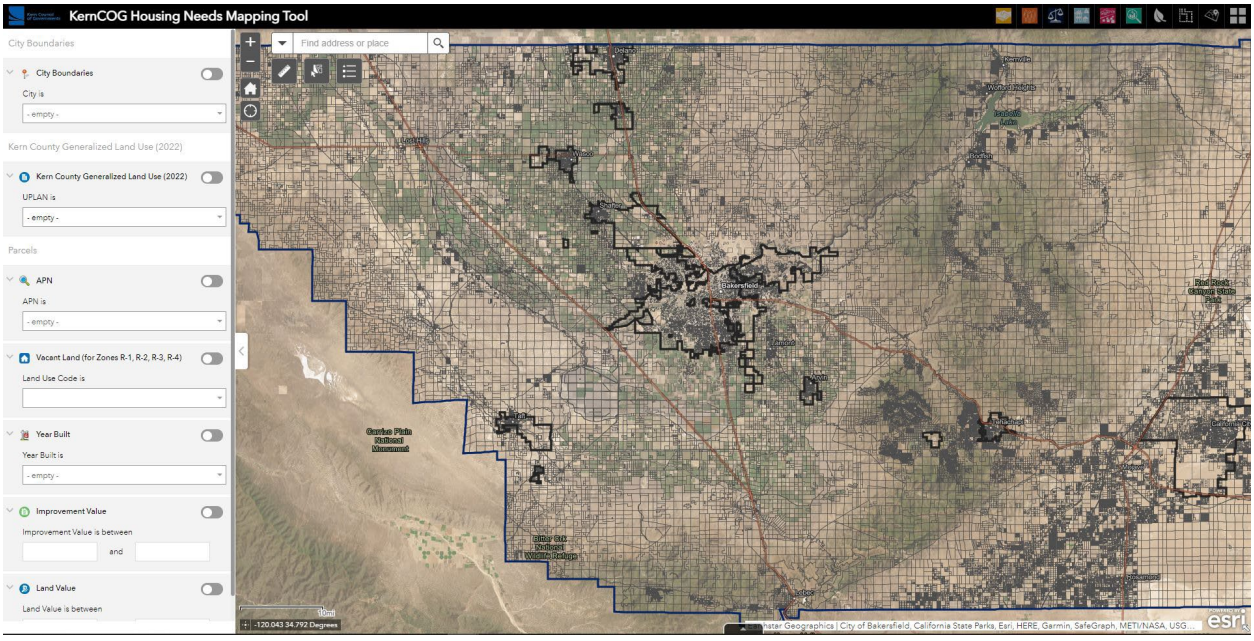




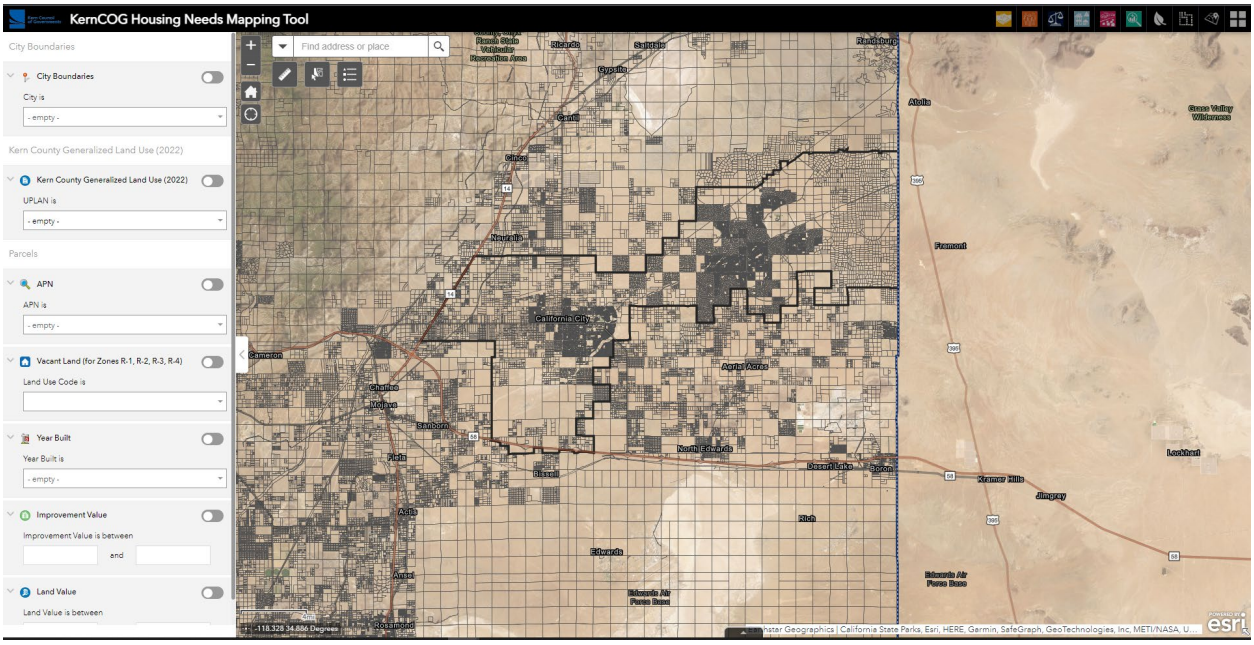
Parcel Filter

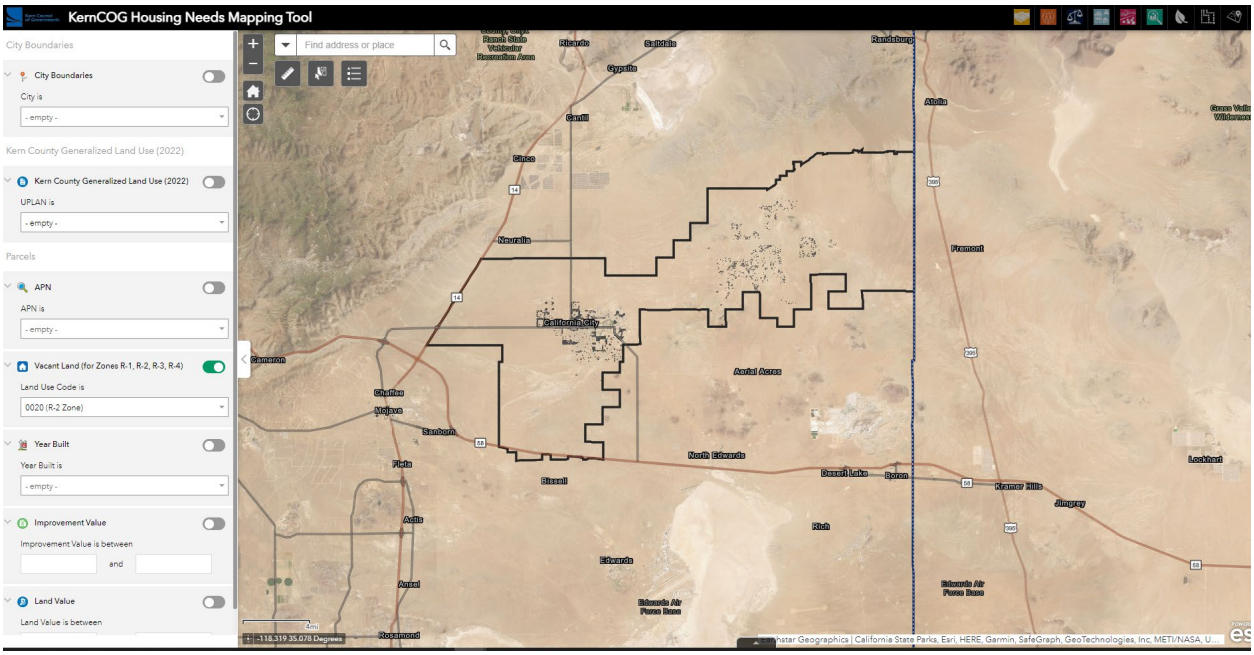
The Parcel layer default visibility range is set at the “County” level due to the size of the parcel dataset. It is recommended to keep the visibility range to County for best performance. Zoom in from the main map extent to make the parcel layer visible.



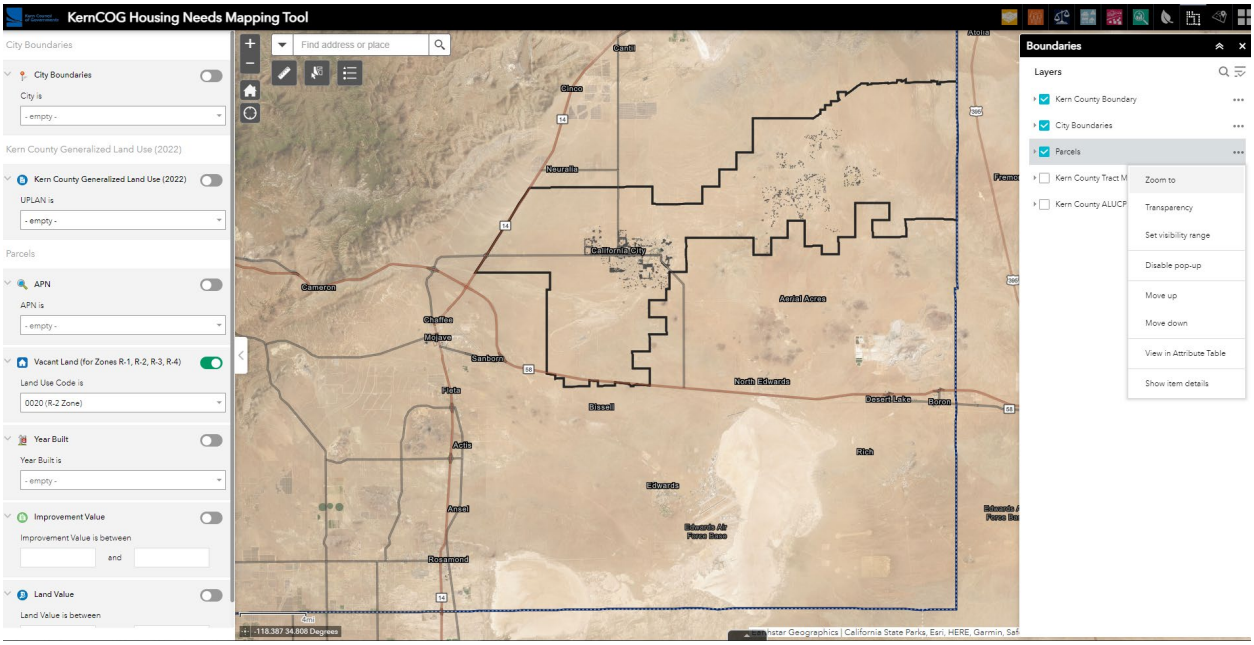


Once the parcel layer is visible on the map and a parcel filter is applied, only parcels within the filter parameters will be visible in the map.

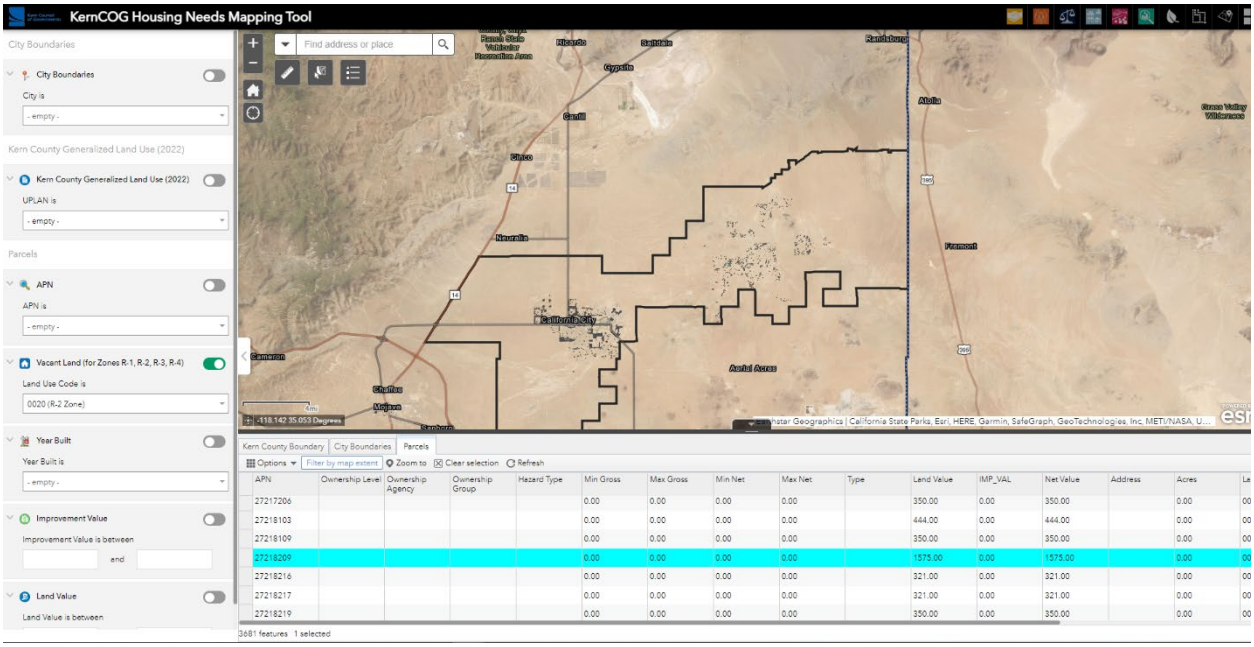




It is also recommended to view filtered parcels in the attribute table. To view the attribute table, go to the parcel layer in the Boundaries data tab and select “View in Attribute Table”.



This will allow the user to view the filtered parcels and zoom into specific parcels as needed. To do so, select the parcel in the attribute table (will be highlighted as shown below) by selecting the grey rectangle to the left of the APN. Use the “Zoom to” function to zoom into the selected parcel. **Due to the size of the parcel layer, please allow the tool time to filter the parcel dataset.**


KernCOG Housing Needs Mapping Tool
City Boundaries
City Boundaries
City is
- empty -
Kern County Generalized Land Use (2022)
Kern County Generalized Land Use (2022)
UPLAN is
- empty -
Parcels
APN
APN is
- empty -
Vacant Land (for Zones R-1, R-2, R-3, R-4)
Land Use Code is
0020 (R-2 Zone)
Year Built
Year Built is
- empty -
Improvement Value
Improvement Value is between
and
Land Value
Land Value is between
Find address or place
Kern County Boundary
City Boundaries
Parcels
Options
Filter by map extent
Zoom to
Clear selection
Refresh
APN
Ownership Level
Ownership Agency
Ownership Group
Hazard Type
Min Gross
Max Gross
Min Net
Max Net
Type
Land Value
IMP_VAL
Net Value
Address
Acres
27217206
27218103
27218109
27218209
27218216
27218217
27218219
3681 features 1 selected