VIEWING YOUR QUERY DETAILS

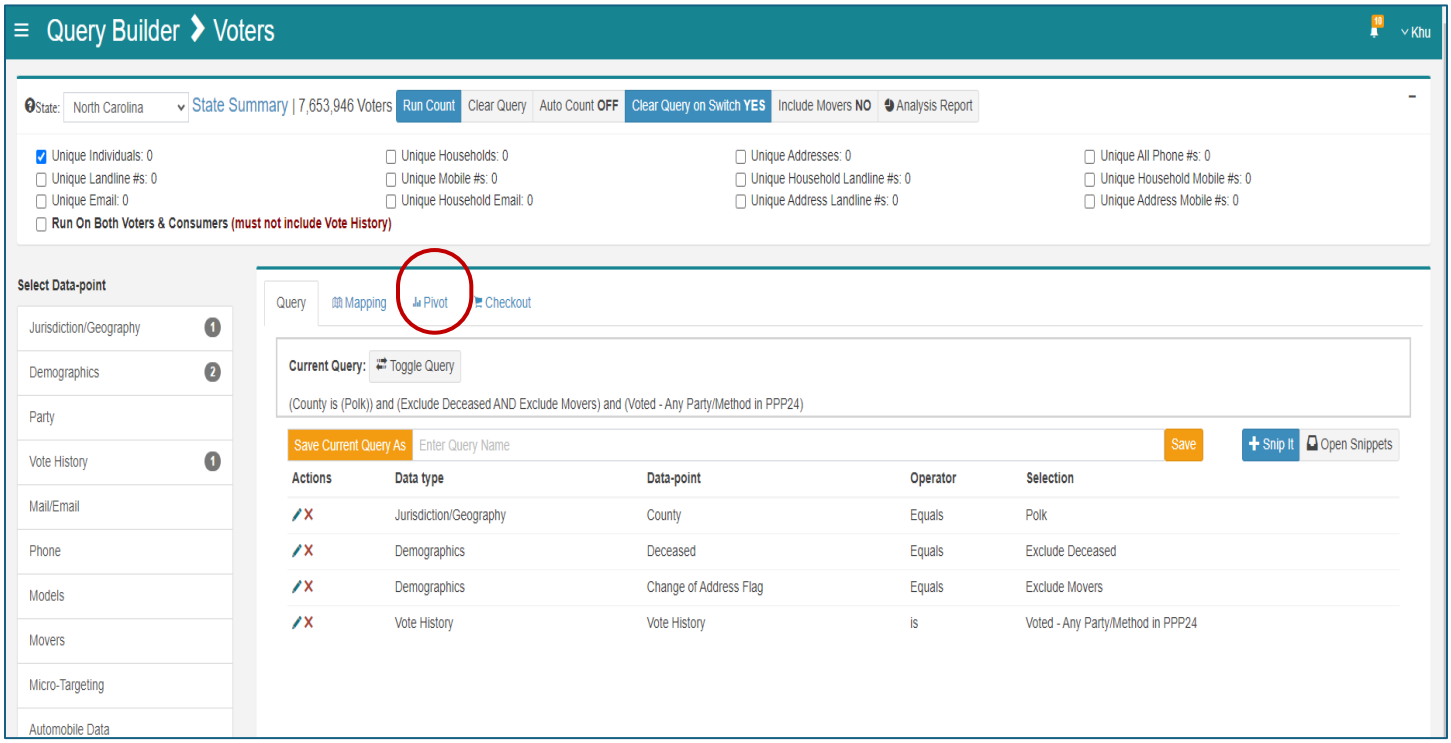
VLO offers 3 Options

Breakout - Pivot Table - Analysis Report

PIVOT TABLE

PIVOT – Single Tier

- The Pivot option is found in the top menu row (circled in red below)



- Once clicked the Pivot screen displays – the left side menu displays a list of available fields as well as the option also found under BREAKOUT to select counts by Individual, Phone, Households, etc (circled in red on the image on the next page)

Menu icons

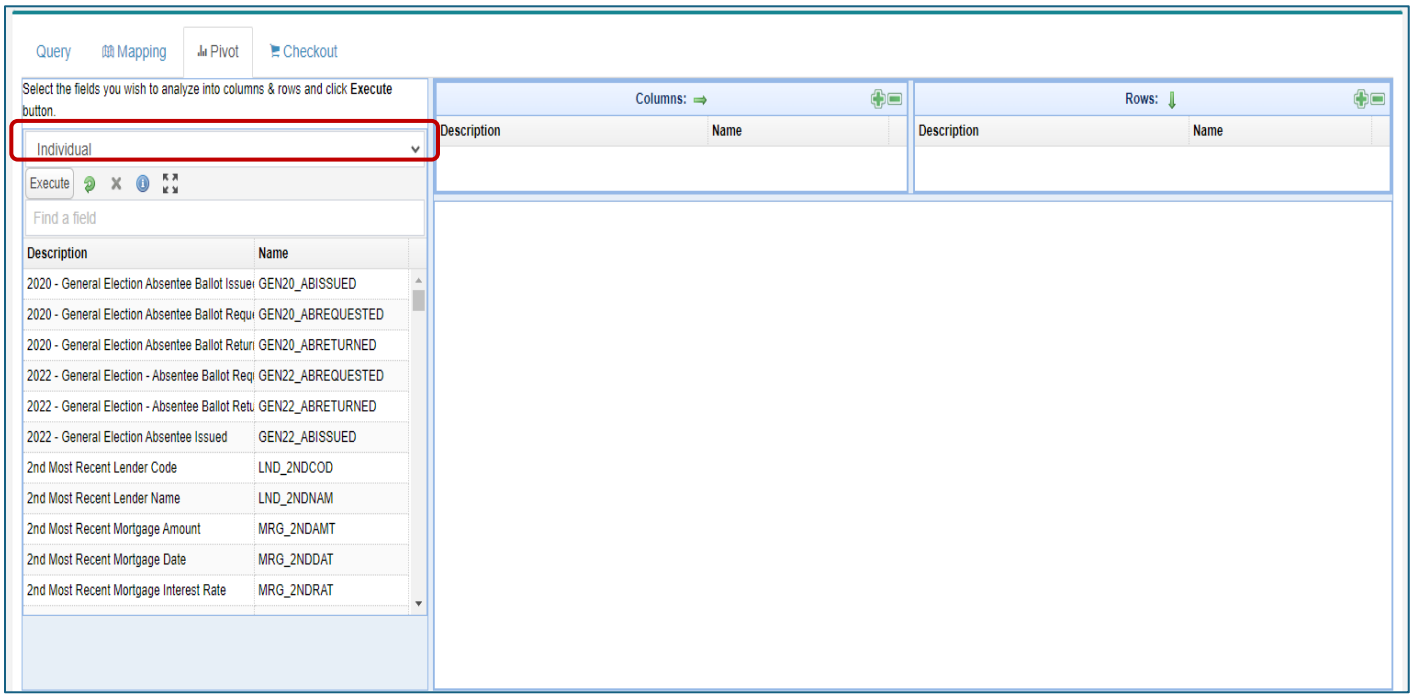
Execute Click to Execute (Run) the Pivot,

Refresh the Pivot

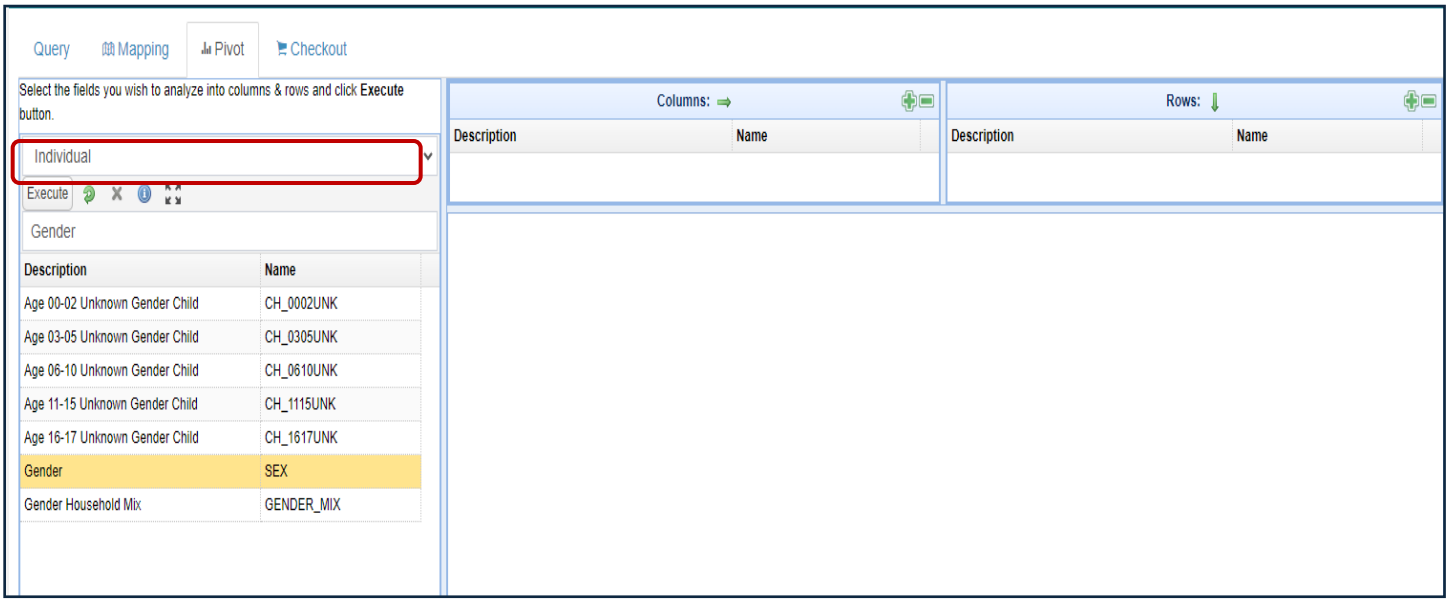
Clear Pivot fields and Results

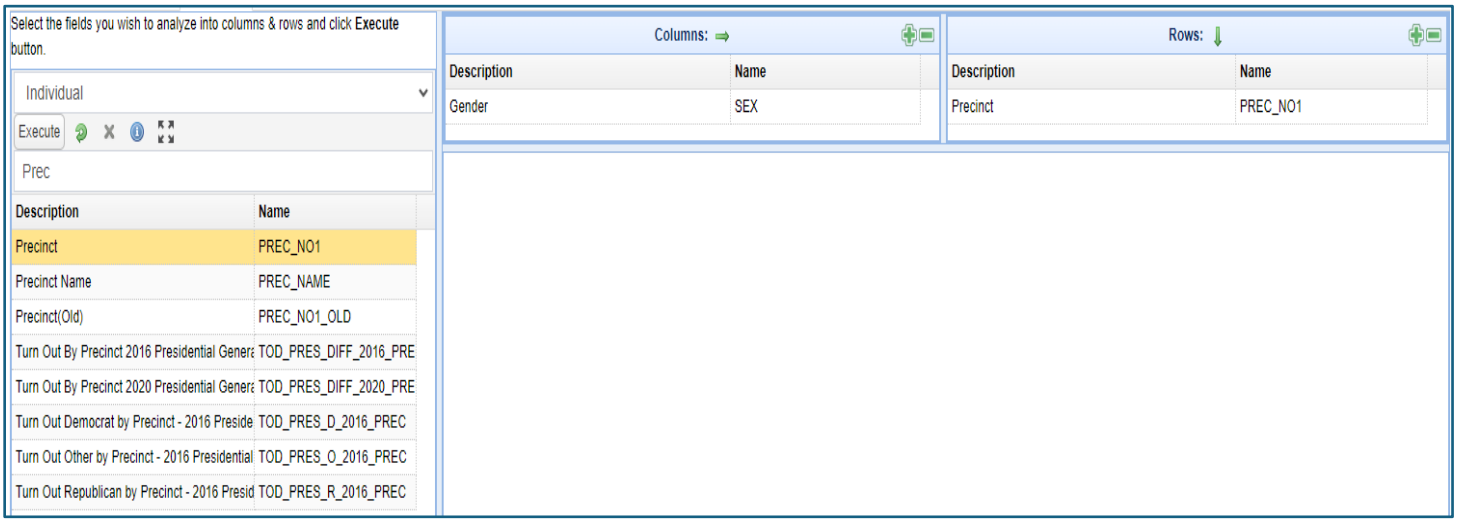
Show the Query being used for Pivot

Toggle to Full Screen

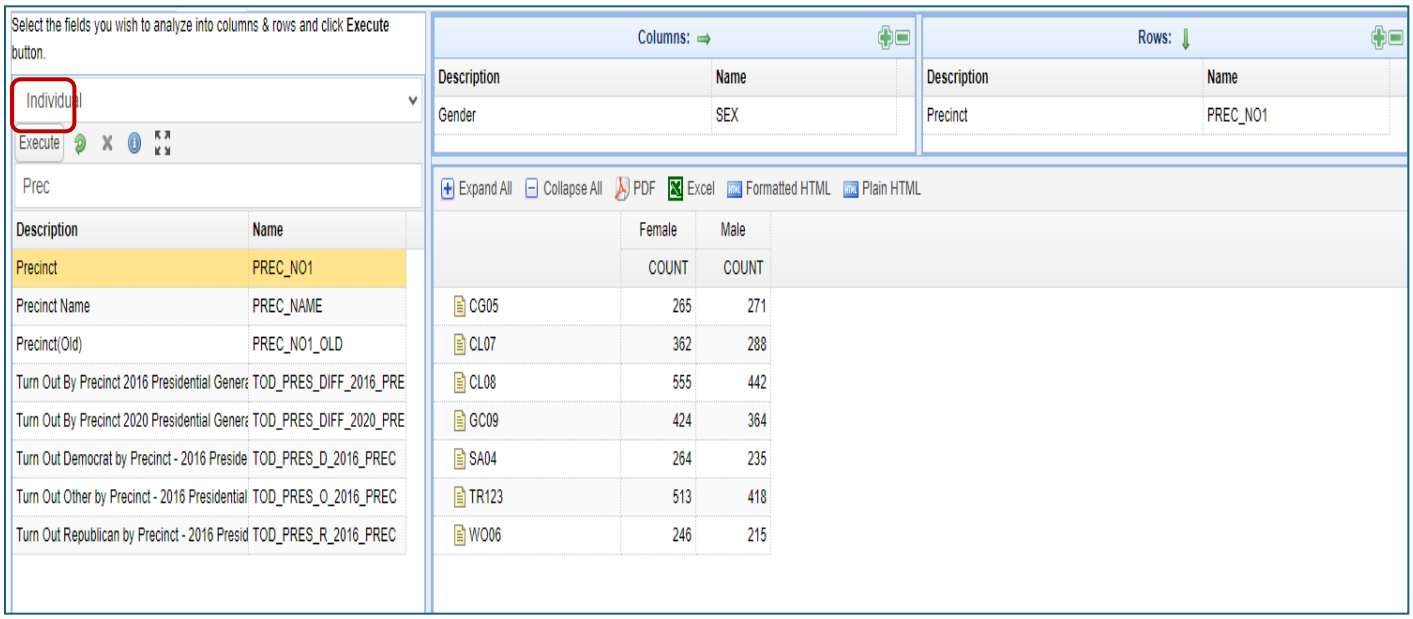


- **To Create your Pivot Table**
  - Search using the Text Search box (circled in red below)
  - Once your desired field is displayed, highlight it with your cursor.
  - Then either Drag/Drop the desired fields into the Columns and Rows Areas or use the **+** icon to add the field to your desired location.
  - In the example below the Pivot Table is set to generate and display counts of Gender by Precinct





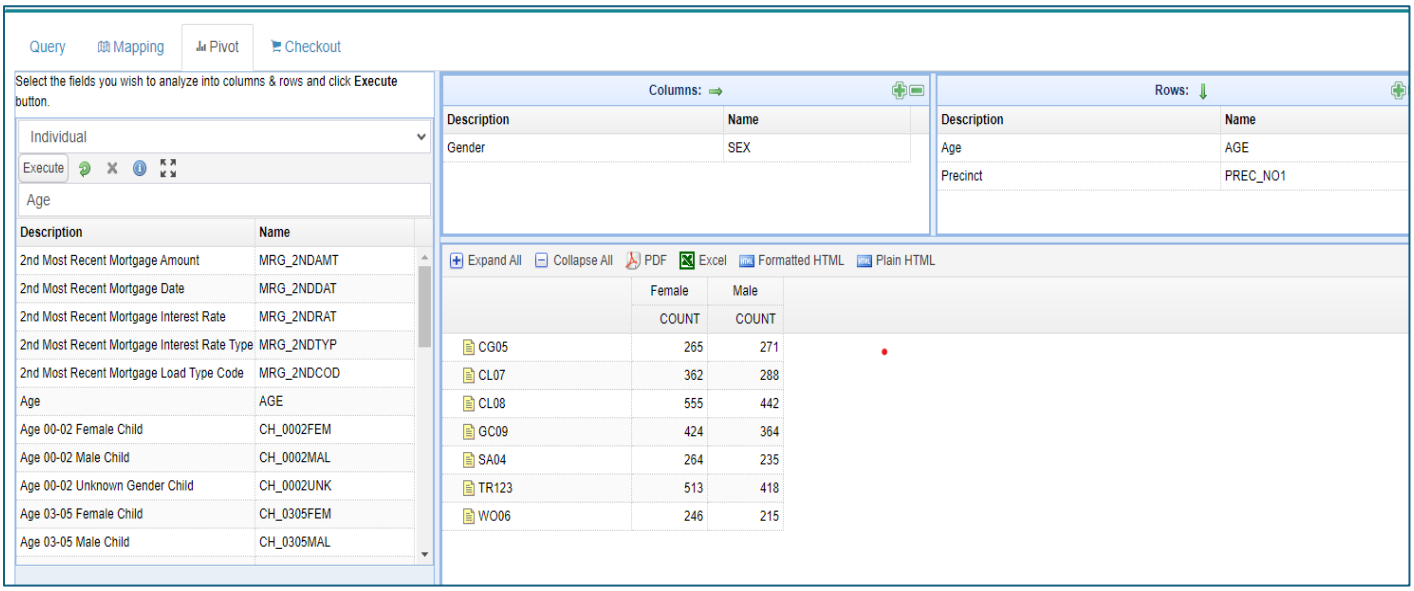
- Once the fields are selected for Rows and Columns click the EXECUTE button to generate a Pivot Table



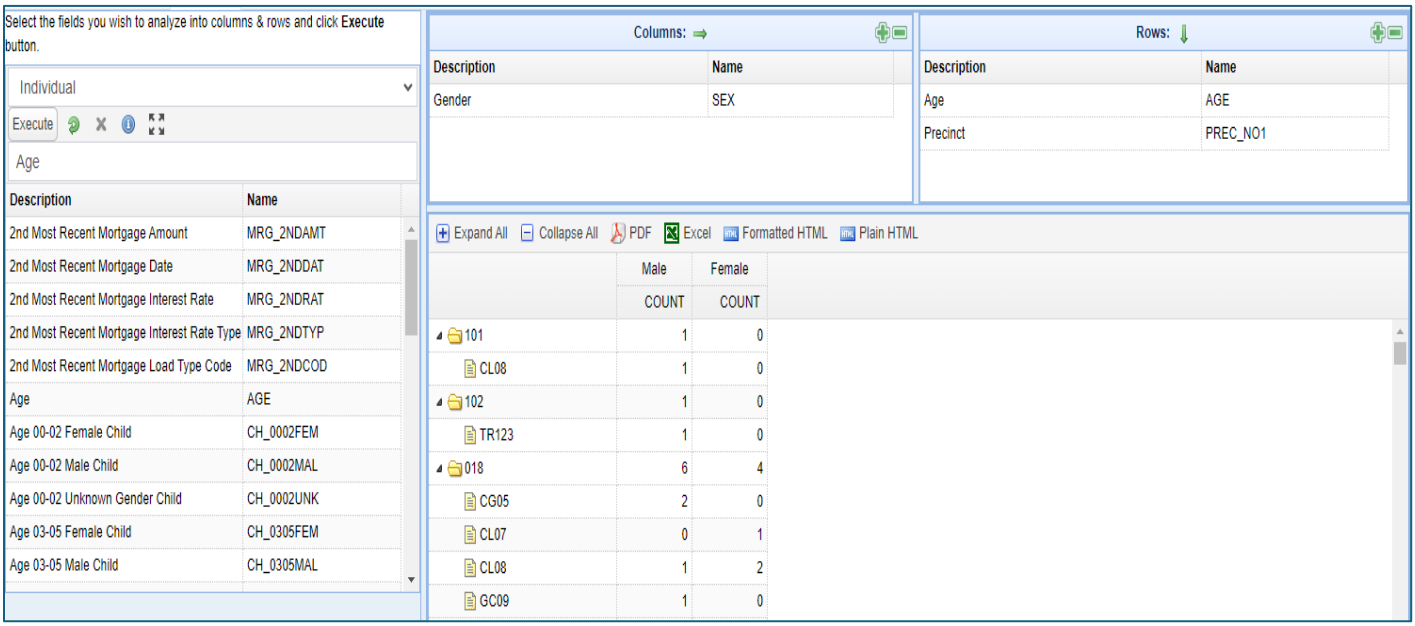
- Once your results are displayed (the larger the number of records in your query the longer it will take for the pivot table to display) there are several options for output: PDF, Excel, Formatted HTML or Plain HTML

PIVOT – Multiple Tiers /Complex

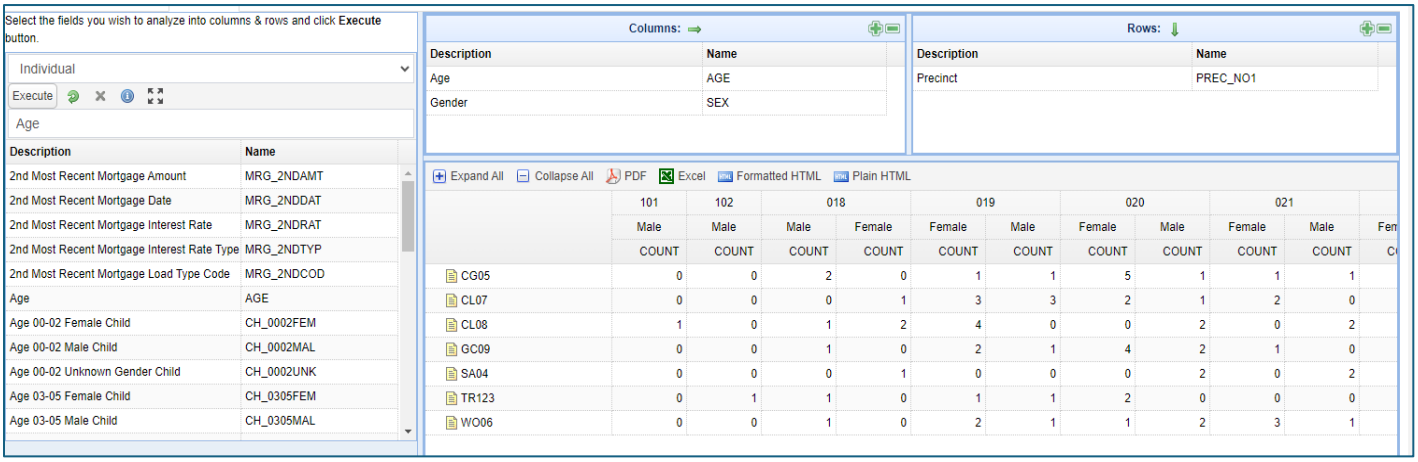
- The Pivot table can be used to pivot multiple datapoints. The output is then tiered.
- In the example below the datapoint AGE has been added to the single level pivot shown in the previous example.



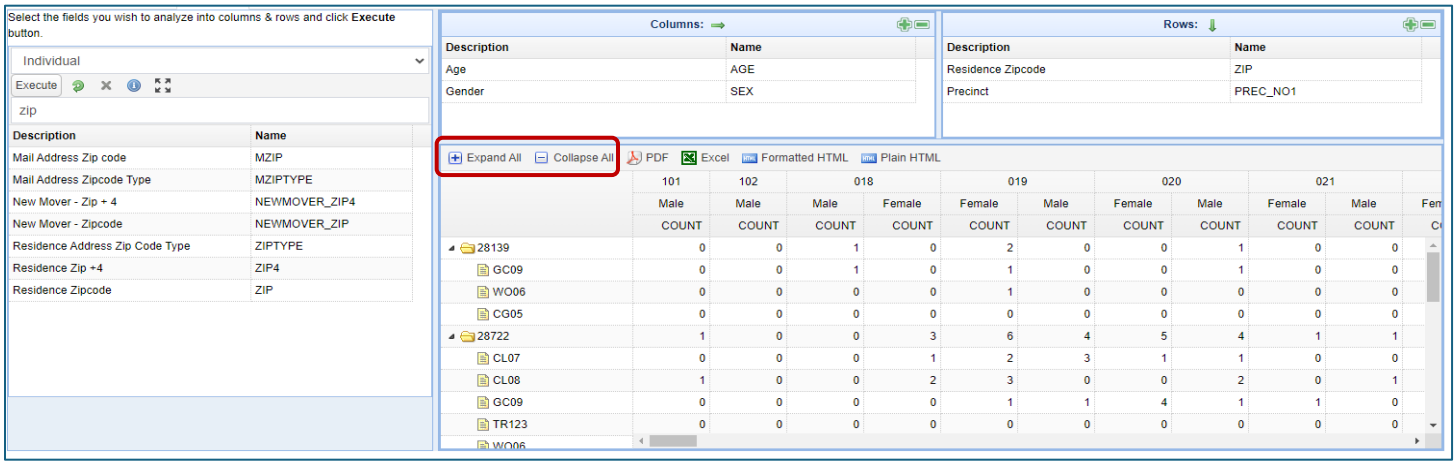
- Below is output to screen displaying AGE as the top tier, then precinct underneath it with counts for Male and Female for each Age/Precinct combination.



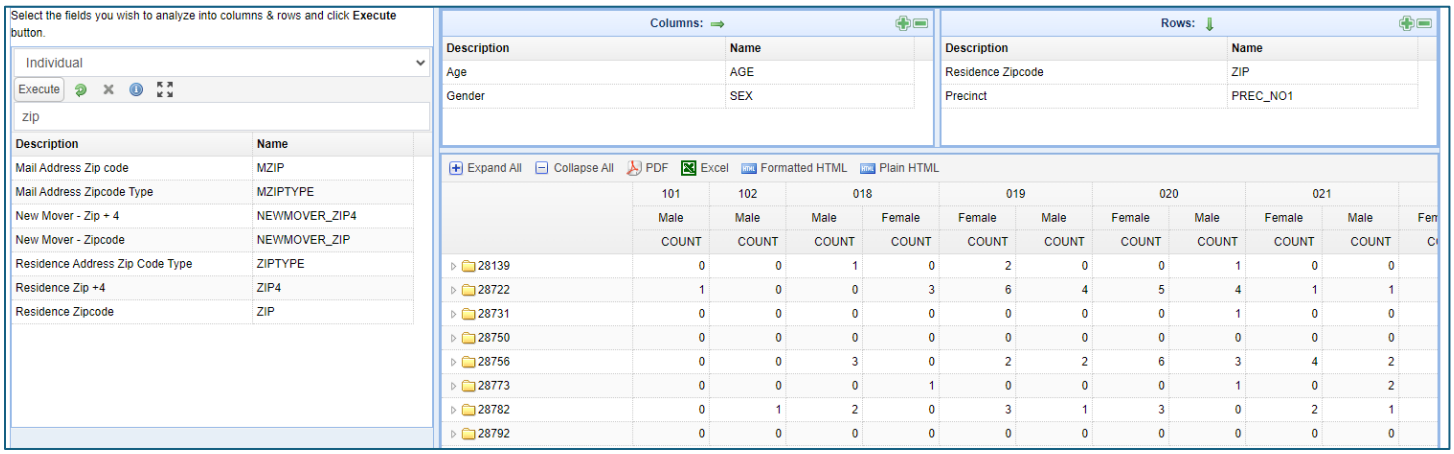
- Another way of looking at the same fields is shown below.
- Moving AGE from the ROW to the COLUMN - the Pivot table then displays each Age at the top with a breakout by Male/Female in the next row with Precinct numbers displayed to the left.



- Multiple fields can be used in both COLUMNS and ROWS and displayed in two views.
- In the example below, Residence Zip code has been added to ROWS and now the counts are broken out by AGE and GENDER in the COLUMNS and by Zip and Precinct in the ROWS. There are two display options - EXPAND ALL – Top image; COLLAPSE ALL – Bottom image.



- The Collapsed view collapses all precinct rows and displays only the Zip Code rows



- Output options are the same as with a simple pivot.

HTML example

	101	102	018		019		020		021		022		023	
	Male	Male	Male	Female	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
	COUNT	COUNT	COUNT	COUNT	COUNT	COUNT	COUNT	COUNT	COUNT	COUNT	COUNT	COUNT	COUNT	COUNT
28139	0	0	1	0	2	0	0	1	0	0	0	0	0	0
GC09	0	0	1	0	1	0	0	1	0	0	0	0	0	0
WO06	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CG05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28722	1	0	0	3	6	4	5	4	1	1	2	0	3	4
CL07	0	0	0	1	2	3	1	1	0	0	1	0	2	1
CL08	1	0	0	2	3	0	0	2	0	1	0	0	0	1
GC09	0	0	0	0	1	1	4	1	1	0	1	0	1	2
TR123	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WO06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28731	0	0	0	0	0	0	0	1	0	0	0	0	0	0
SA04	0	0	0	0	0	0	0	1	0	0	0	0	0	0
28750	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TR123	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28756	0	0	3	0	2	2	6	3	4	2	2	1	1	1
CG05	0	0	2	0	1	1	5	1	1	1	2	1	1	0
WO06	0	0	1	0	1	1	1	2	3	1	0	0	0	1
CL07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GC09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28773	0	0	0	1	0	0	0	1	0	2	0	0	1	3
SA04	0	0	0	1	0	0	0	1	0	2	0	0	1	3
WO06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28782	0	1	2	0	3	1	3	0	2	1	0	1	1	3
CL08	0	0	1	0	1	0	0	0	0	1	0	0	0	0
TR123	0	1	1	0	1	1	2	0	0	0	0	1	0	0
CL07	0	0	0	0	1	0	1	0	2	0	0	0	1	1
GC09	0	0	0	0	0	0	0	0	0	0	0	0	0	2
WO06	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Excel example

		101	102	18		19		20		21		22		23		24		25		26		27		28		29	
		Male	Male	Male	Female	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Male	Female	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
ZIP	PREC_NO	COUN	COUN	COUN	COUNT	COUNT	COUN	COUNT	COUN	COUNT	COUN	COUNT	COUN	COUNT	COUN	COUN	COUNT	COUNT	COUN	COUNT	COUN	COUNT	COUN	COUNT	COUN	COUNT	COUN
28139		0	0	1	0	2	0	0	1	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0	1	0
	GC09	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0	1	0
	WO06	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CG05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28722		1	0	0	3	6	4	5	4	1	1	2	0	3	4	2	3	0	2	2	1	1	2	2	2	3	0
	CL07	0	0	0	1	2	3	1	1	0	0	1	0	2	1	2	1	0	0	1	0	0	2	1	2	0	0
	CL08	1	0	0	2	3	0	0	2	0	1	0	0	0	1	0	1	0	1	0	0	1	0	0	0	1	0
	GC09	0	0	0	0	1	1	4	1	1	0	1	0	1	2	0	1	0	1	1	1	0	0	1	0	2	0
	TR123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WO06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28731		0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	SA04	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
28750		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TR123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28756		0	0	3	0	2	2	6	3	4	2	2	1	1	1	3	2	2	4	0	0	1	2	3	2	1	2
	CG05	0	0	2	0	1	1	5	1	1	1	2	1	1	0	2	0	2	3	0	0	1	2	3	1	1	2
	WO06	0	0	1	0	1	1	1	2	3	1	0	0	0	1	1	2	0	1	0	0	0	0	0	1	0	0
	CL07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	GC09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28773		0	0	0	1	0	0	0	1	0	2	0	0	1	3	0	1	1	1	0	0	0	1	2	0	1	1
	SA04	0	0	0	1	0	0	0	1	0	2	0	0	1	3	0	1	1	1	0	0	0	1	2	0	1	1
	WO06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28782		0	1	2	0	3	1	3	0	2	1	0	1	1	3	0	2	2	3	2	2	5	1	3	2	1	0
	CL08	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0
	TR123	0	1	1	0	1	1	2	0	0	0	0	1	0	0	0	1	1	1	2	1	0	1	1	1	0	0
	CL07	0	0	0	0	1	0	1	0	2	0	0	0	1	1	0	1	0	1	0	1	3	0	1	1	1	0
	GC09	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0
	WO06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28792		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CG05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PDF output is not recommended for Complex Pivots. Example of PDF below for a Simple Pivot

	SEX	
	Female	Male
PREC_NO1	COUNT	COUNT
CG05	265	271
CL07	362	288
CL08	555	442
GC09	424	364
SA04	264	235
TR123	513	418
WO06	246	215