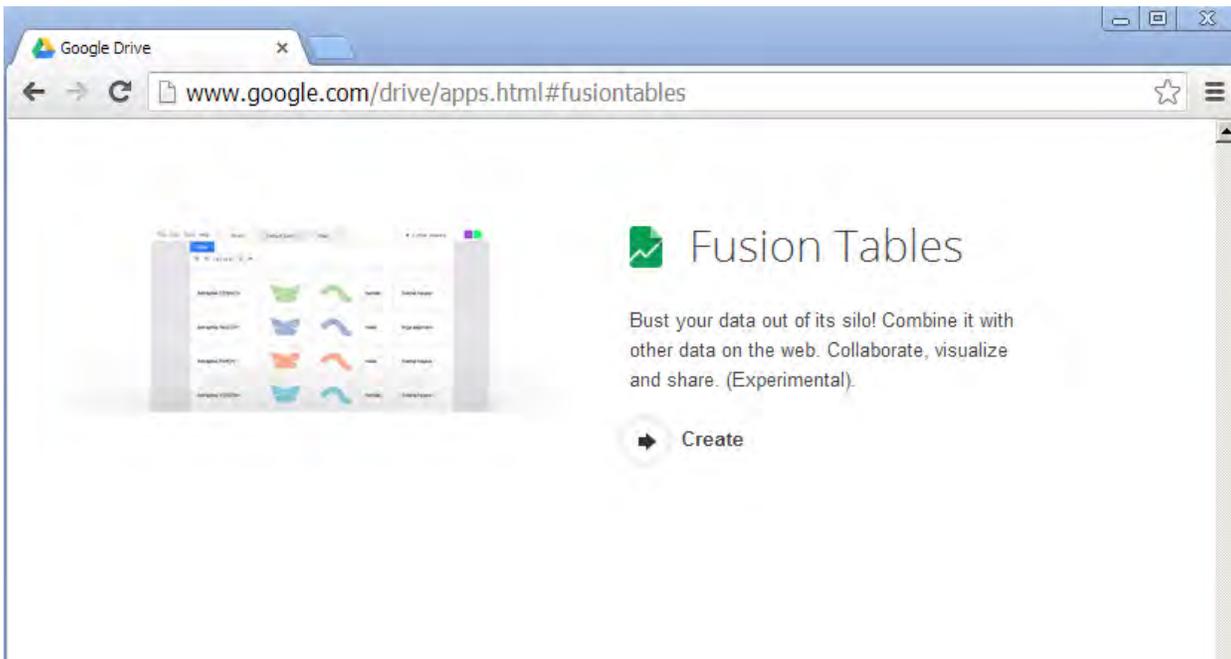


Google Fusion Tables:

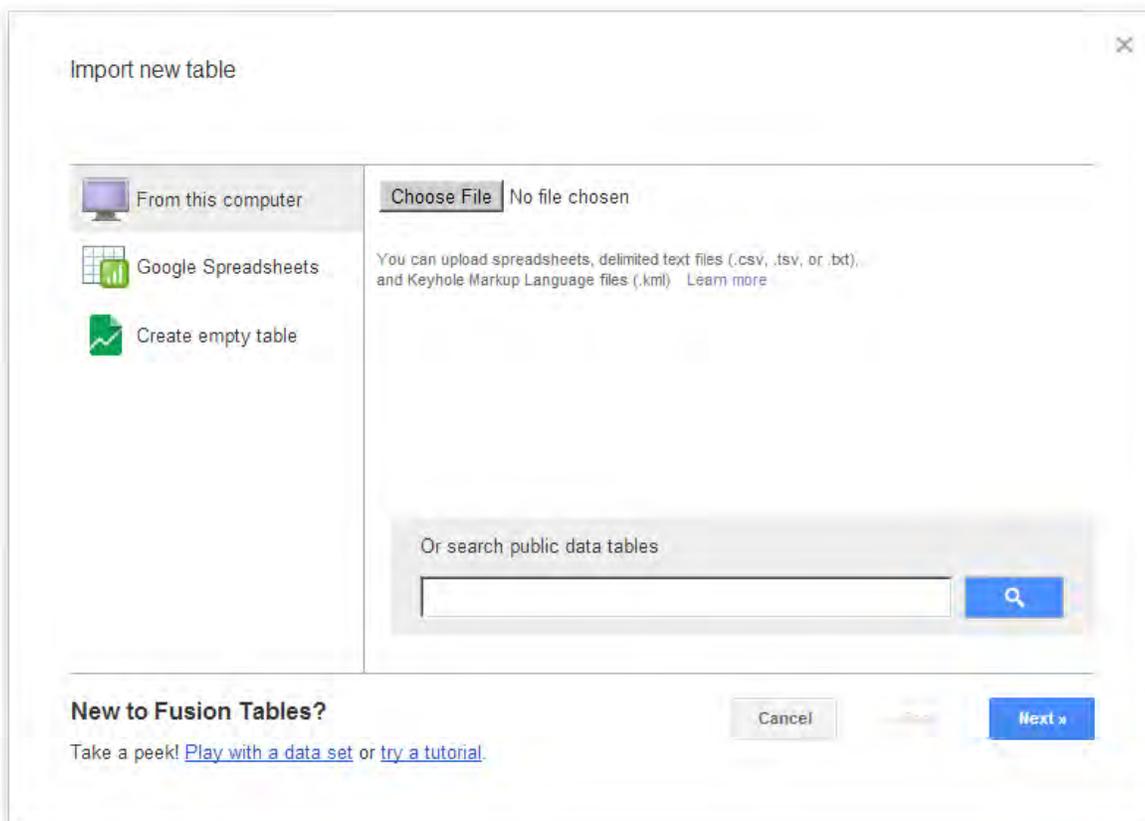
Note: For this exercise you will need a Google account.

1. Navigate to google.com/fusiontables, Click on create.



2. Import the CSV file (Or the KML file holding the Shape Data) Click on Next and then Finish.

(Can be downloaded from <https://www.dropbox.com/s/ltnjbe5akcjef6h/304912.csv>)



Once the import is complete you should be able to see something like this (From the file that was just uploaded)

Import new table ✕

Column names are in row 1

1	description	name	PERIMETE	CO51D00	NAME	CO51D00I	LSADTRAI	LSAD
2		PERIMETE	2.21398125	2.0	Frederick	1.0	County	06
3		PERIMETE	1.90173448	3.0	Loudoun	2.0	County	06
4		PERIMETE	0.97615881	4.0	Clarke	3.0	County	06

Rows before the header row will be ignored.

New to Fusion Tables?

Take a peek! [Play with a data set](#) or [try a tutorial](#).

Cancel
« Back
Next »

Now if you switch on to the Map of the Geometry Tab should be able to see the map you just imported

File Edit Tools Help Rows 1 ▾ Cards 1 + Map of geometry

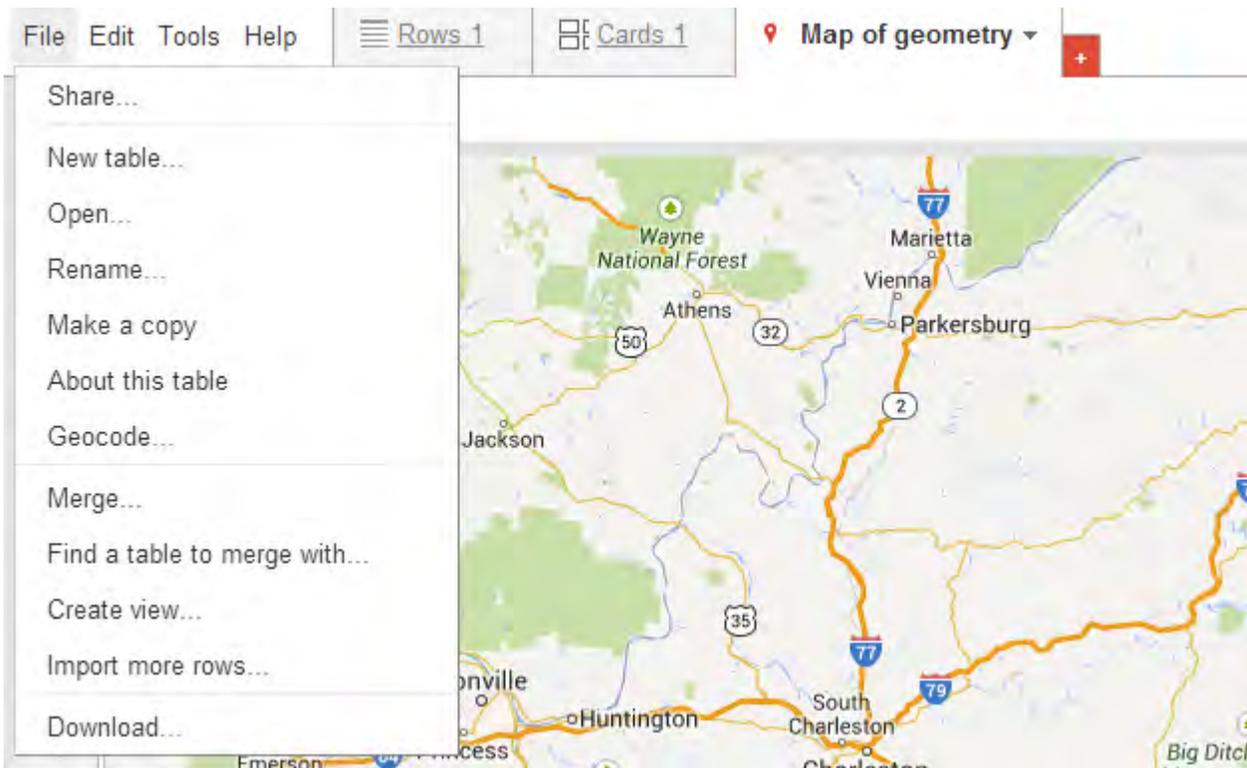
Filter ▾ No filters applied

1-100 of 142

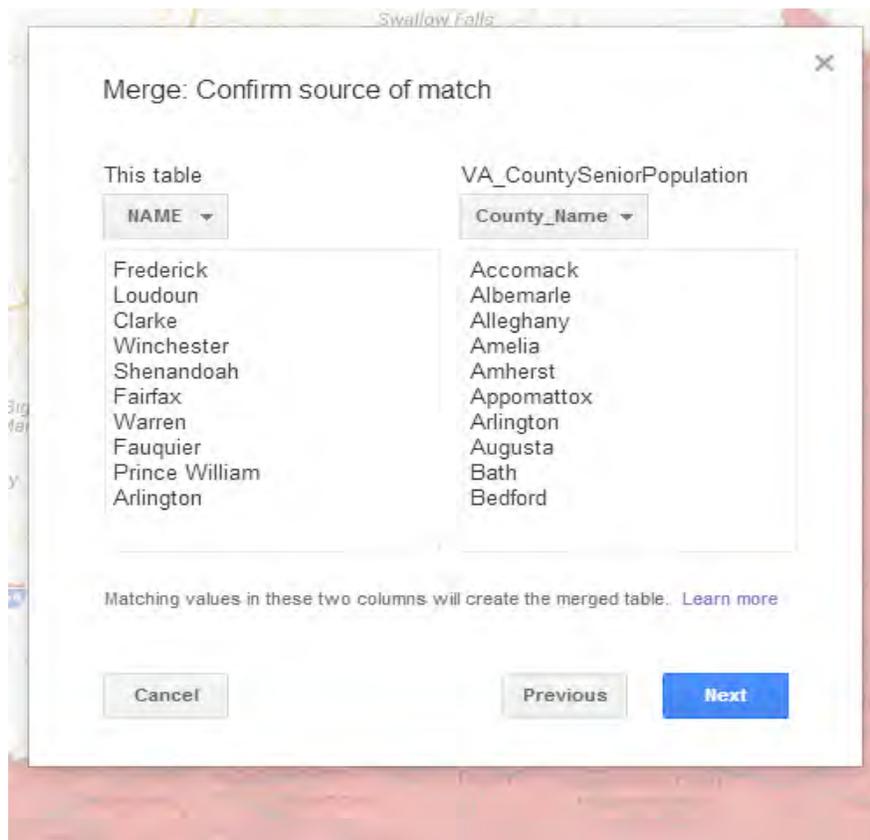
de...	name	PERIMETER	CO51D00	NAME	CO51D00I	LSADTRANS	LSAD	AREA	STATE	COUNTY	ge...
	PERIMETER:	0.770904445069348	77.0	Mathews	76.0	County	06	0.0272564559613855	51	115	KM
	PERIMETER:	1.76608723372457	78.0	Amelia	77.0	County	06	0.0944109102424946	51	007	KM
	PERIMETER:	1.46369937569216	79.0	Charles City	78.0	County	06	0.0537987275109989	51	036	KM
	PERIMETER:	1.61754886523909	80.0	Giles	79.0	County	06	0.0948870575510001	51	071	KM
	PERIMETER:	0.62828695992542	81.0	Lynchburg	80.0	city	08	0.0131142241645001	51	680	KM
	PERIMETER:	1.56461193962825	82.0	James City	81.0	County	06	0.0434823036220789	51	095	KM
	PERIMETER:	2.06350257458467	83.0	Campbell	82.0	County	06	0.133376509261999	51	031	KM
	PERIMETER:	2.12257085697752	84.0	Roanoke	83.0	County	06	0.0660919343315083	51	161	KM
	PERIMETER:	1.61687416525116	85.0	Prince Edward	84.0	County	06	0.0930766611650913	51	147	KM
	PERIMETER:	1.18696172779112	86.0	York	85.0	County	06	0.0332414965721834	51	199	KM
	PERIMETER:	1.86213166015049	87.0	Montgome	86.0	County	06	0.102365514502994	51	121	KM
	PERIMETER:	0.209269000890944	88.0	Bedford	87.0	city	08	0.00181027621050055	51	515	KM

3. Now we have to file with our data (in this case holding the population data, you can download it from https://www.dropbox.com/s/y0mtuy16j93m25e/VA_CountySeniorPopulation.xls)

Within the Map window File>Merge



We should see something like this. Select the county name that is the parameter that we are going to use. (As that is the common field we have in both files)



Then Click on next and then Click on merge, after the completion of the merge, you should see all the data merged on to the file. **(Click on view table, it will open a new Tab)**

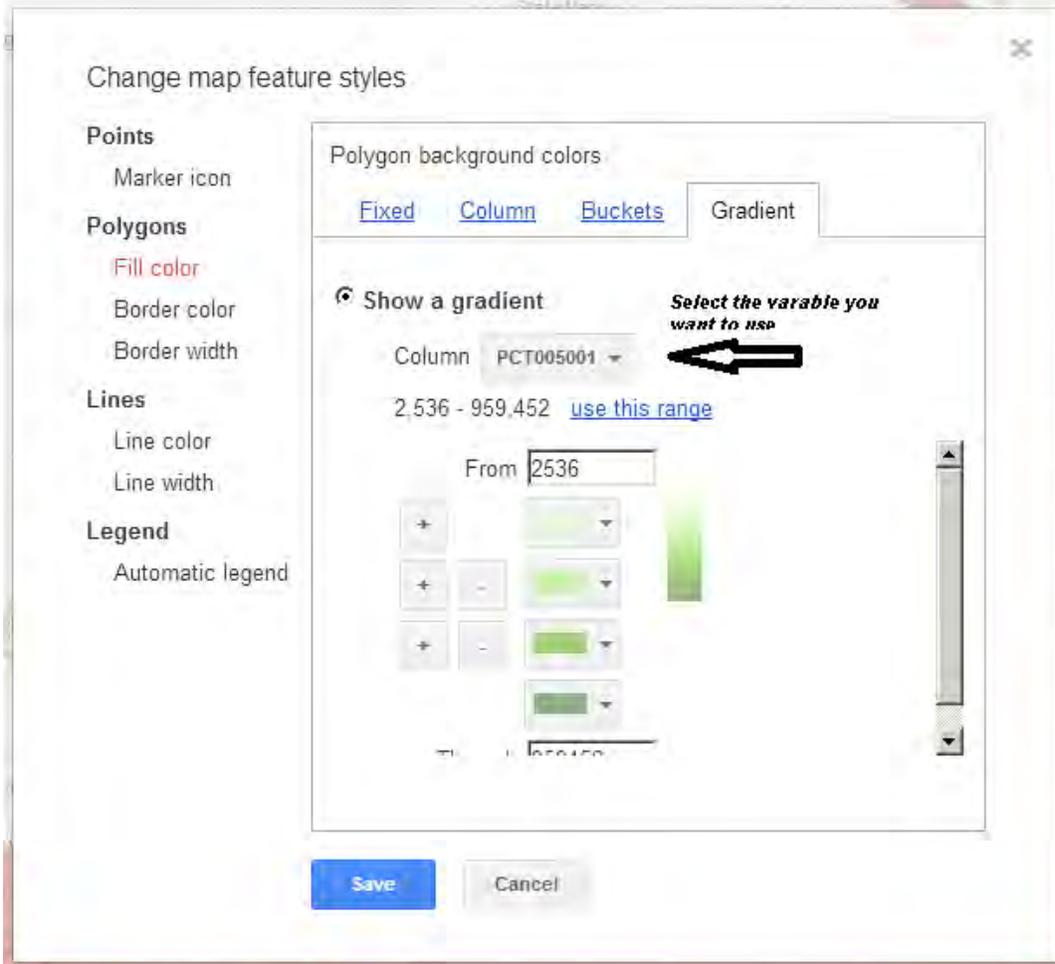
File Edit Tools Help | Rows 1 | Cards 1 | Map of geometry

Filter No filters applied

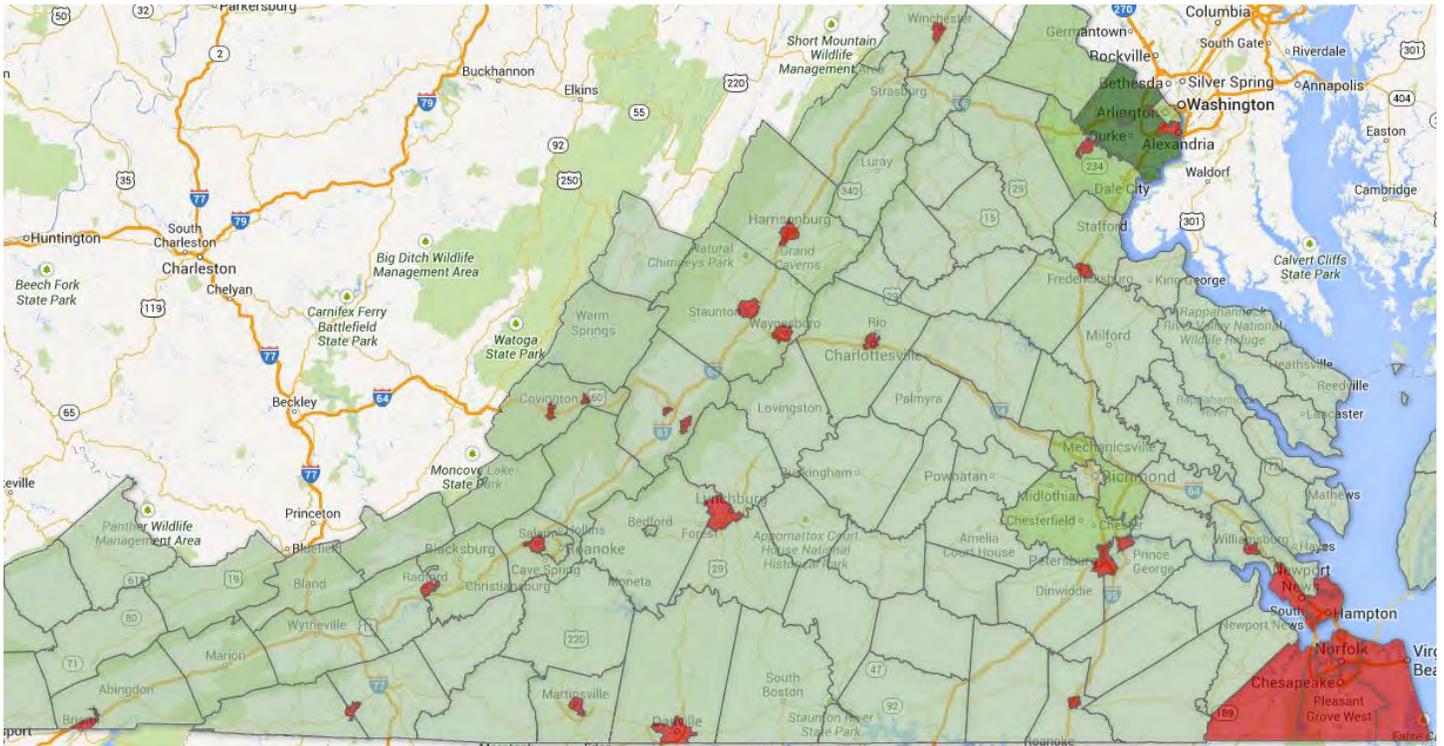
1-100 of 142

NAME	des...	name	PERIMETER	CO51D00	CO51D00I	LSADTRANS	LSAD	AREA	STATE	COUNTY	geo...	JointID	PCT005001	PCT...
Accomack		PERIMETER:	2.37469665047536	47.0	46.0	County	06	0.15692498402804	51	001	KML...	51001	37441	346
Accomack		PERIMETER:	0.149001461838126	52.0	51.0	County	06	0.000869651469500132	51	001	KML...	51001	37441	346
Accomack		PERIMETER:	0.120409548758431	55.0	54.0	County	06	0.000793291545354208	51	001	KML...	51001	37441	346
Albemarle		PERIMETER:	2.29394273177922	35.0	34.0	County	06	0.192945966453002	51	003	KML...	51003	77701	488
Alexandria		PERIMETER:	0.333385290784133	17.0	16.0	city	08	0.00414705177460789	51	510	KML...			
Alleghany		PERIMETER:	2.22494976673511	51.0	50.0	County	06	0.118071391336085	51	005	KML...	51005	12677	128
Amelia		PERIMETER:	1.76608723372457	78.0	77.0	County	06	0.0944109102424946	51	007	KML...	51007	11294	78
Amherst		PERIMETER:	1.83813813074038	58.0	57.0	County	06	0.126545273391998	51	009	KML...	51009	29922	246
Appomattox		PERIMETER:	1.34751109240985	75.0	74.0	County	06	0.0881916200539976	51	011	KML...	51011	13570	137
Arlington		PERIMETER:	0.397708869362631	11.0	10.0	County	06	0.00698574603500027	51	013	KML...	51013	185295	904
Augusta		PERIMETER:	3.07889284529901	28.0	27.0	County	06	0.258494717746902	51	015	KML...	51015	63616	542
Bath		PERIMETER:	1.81715185278195	36.0	35.0	County	06	0.14213558761991	51	017	KML...	51017	4814	49
Bedford		PERIMETER:	2.83436759541798	70.0	69.0	County	06	0.202534864973002	51	019	KML...	51019	59995	553
Bedford		PERIMETER:	0.209269000890944	88.0	87.0	city	08	0.00181027621050055	51	515	KML...	51019	59995	553
Bland		PERIMETER:	1.837979917795	97.0	96.0	County	06	0.0942018895079935	51	021	KML...	51021	6233	66
Botetourt		PERIMETER:	1.9088495450014	60.0	59.0	County	06	0.144185682512999	51	023	KML...	51023	29968	290
Bristol		PERIMETER:	0.468569319266776	142.0	141.0	city	08	0.00342024079779368	51	520	KML...			
Brunswick		PERIMETER:	1.5805997030043	120.0	119.0	County	06	0.148807828407775	51	025	KML...	51025	15518	147
Buchanan		PERIMETER:	2.07824898361832	76.0	75.0	County	06	0.132518591479762	51	027	KML...	51027	25773	237

So we have the data, now we have to see it on to the map, Click on Map Of Geometry Tab. (Now we are dealing with the tab that opened after clicking the view table after the merge). **Go to Tool> Change Map Style>**



Then Click on Polygons>Fill Color Click on the radio Button Show a gradient, and then click on the Show a gradient, and then use this range and then ok that you should be able to see something like this



To make the map meaning full and understandable for others we can insert a legend to explain the map. Got to **Tools>Change Map Styles**. Click the checkbox to give it a Title that you wish and select a position to place legend.

Change map feature styles

- Points
 - Marker icon
- Polygons
 - Fill color
 - Border color
 - Border width
- Lines
 - Line color
 - Line width
- Legend
 - Automatic legend

Automatic legends

Show marker legend
A bucket style is required

Show polygon fill legend

Title

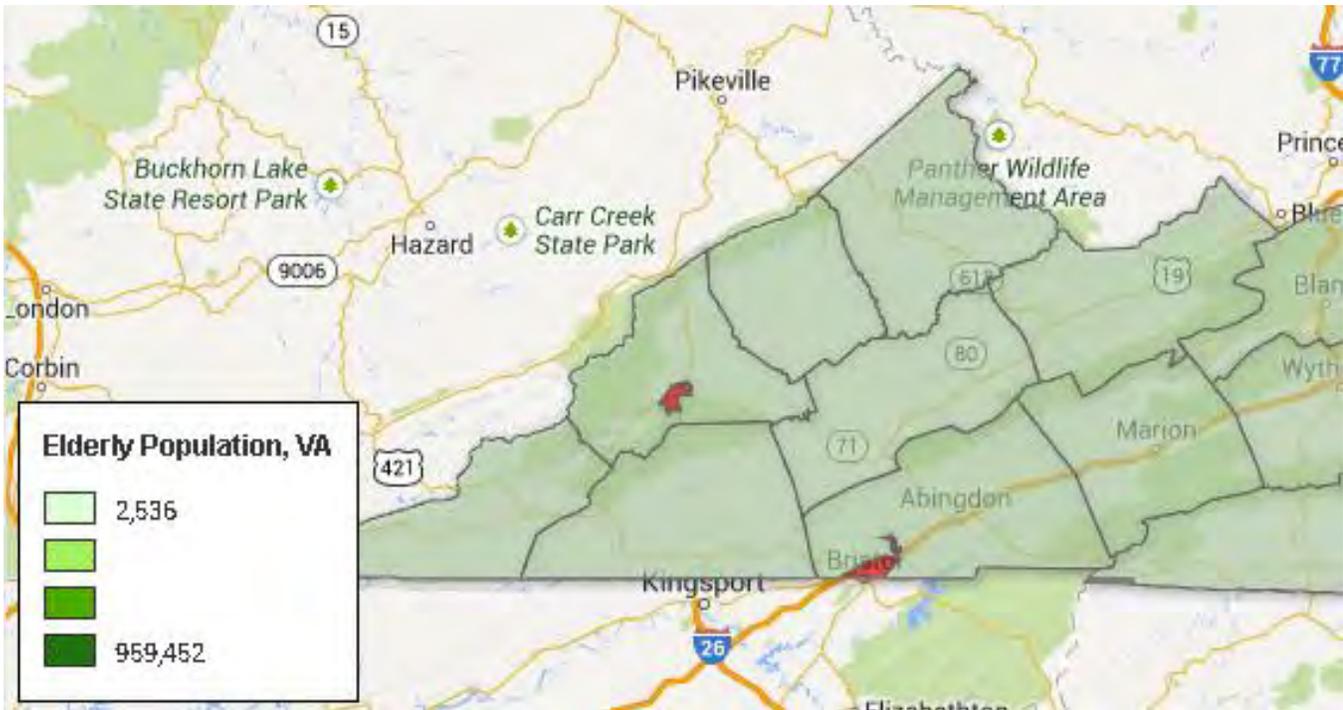
Legend position



Include a link to this table

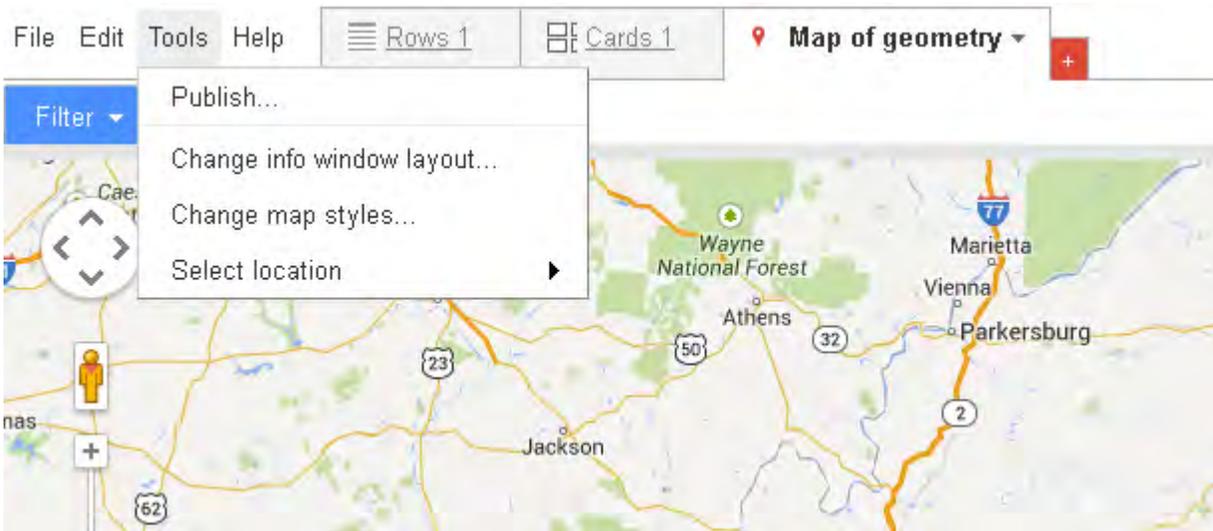
Link text

Now you can see a legend on the page that we just created.



To Share your work via a Web URL,.

Got to Tools>Publish



Note:

Here you might have to change the page permissions from Private to Public to share your work. (This happens because all the documents that you create in your drive are set to private by default)

Now you could be able to see something like this. Copy the link from the page. And then anyone accessing that URL will be able to see your map.

Publish

Send a link in email or IM

<https://www.google.com/fusiontables/embedviz?q=select+col11%3E>

Paste HTML to embed in a website

```
<iframe width="500" height="300" scrolling="no" frameborder="no">
```

▼ Get HTML and JavaScript

This code uses the Google Maps API. [Learn more](#)

```
<!DOCTYPE html>
<html>
<head>
<title>Merge of 304912 and VA_CountySeniorPopulation -
Google Fusion Tables</title>
<style type="text/css">
html, body, #googft-mapCanvas {
  height: 300px;
  margin: 0;
  padding: 0;
  width: 500px;
}
#googft-legend{background-color:#fff;border:1px solid #000;font-
family:Arial, sans-serif;font-size:12px;margin:5px;padding:10px
10px 8px;}#googft-legend p{font-weight:bold;margin-
top:0;}#googft-legend div{margin-bottom:5px;} .googft-legend-
```

Width

Height

Created by Data Service Group, Mason Libraries (Fall 2013)