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Lab 10

Topic: DC Metro Age and Income

My chosen topic for this webmap lab was to observe age and income patterns around the greater DC Metro area. I was able to find all of my data layers through Esri's Living Atlas/ArcGIS Online including Median Age and Median Income by census tract, DC Metro lines, and US Highways. I chose the light gray canvas base as a nice, light, neutral background. This in conjunction with the median age by census tract layer blended (as opposed to transparency) with the new blending capability included in Esri's new beta map viewer, makes for a nice combination so that the basemap reference information shows through a little better than being washed out with a simple transparency.

At first I was just interested to see median age patterns around the DC Metro Area, then thought to look at that in conjunction with income patterns, then finally, was interested to see specifically if there is any significant patterns which form around public transportation infrastructure (metro rail lines) and or highways.

Though there does seem to possibly be some sort of pattern of lower median age around metro lines/stations, I think there would need to be further investigation and a statistical study to say whether or not it is truly significant.

In terms of income, there does seem to be lower income patterns closer to metro lines in the North East, East, and South East DC areas, though these areas are just lower income in general. The greater DC area on the whole, reaching towards the North and over West into Northern Virginia are just such high income areas in general overall, that it is hard to really say anything significant about the patterns that I see. I think looking at this in other cities would render quite different results (for example Baltimore, just north, or maybe New York City).

<https://mygmu.maps.arcgis.com/apps/instant/minimalist/index.html?appid=e60d2949c8d648d3a3703981403a3774>