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Hi Nick,

I am working on a continuing paper on the one I presented about the impacts of UAM noise in LA and wanted to know where I could get population data at a high resolution to make choropleth maps. Is there any online database that has that data?

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Hi Matthew,

Great question. Let me connect you with Kate and Jacobo (cc'd) who work directly with that data. Could y'all point Matthew in the right direction?

Would this be the best place to go?

[https://la.myneighborhooddata.org/2021/06/demography/](https://urldefense.com/v3/__https:/la.myneighborhooddata.org/2021/06/demography/__;!!DZ3fjg!6Is8me5sc4iXdAd4EGjwpKauyUPyDvuZd-myb6Xmh8JlDQ4SmNYJIUaSznQCdVczxltCx7qd-nTqkocg5kSfrM__pA$)

We're working on getting our first paper on the helicopter project submitted at the end of january. It would be great to connect early in the new year to see if there might be a co-authorship opportunity with you for that paper.

My best,

Nick

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Hey Matthew!

I think the USC resource that Nick plugged can definitely be appropriate depending on the year you are looking for. But for current years I believe the best is from the U.S. census bureau and filtered as such depending on what your LA county zoning needs are: [https://data.census.gov/table?g=050XX00US06037,06037$1400000](https://urldefense.com/v3/__https:/data.census.gov/table?g=050XX00US06037,06037$1400000__;!!DZ3fjg!-V9ROp1Fkv3Pr6HNVjt8i_Yfg96-8wTvz8M1ZV52ob6Iy9EkmuRHYJsQuw911Yyesw7amLNnWCxMZQCu9VXFysAAc2uq$)

You can also try the LA county's own data repository for demographic data here [la county](https://urldefense.com/v3/__https:/data.lacounty.gov/explore?collection=Dataset&query=population__;!!DZ3fjg!-V9ROp1Fkv3Pr6HNVjt8i_Yfg96-8wTvz8M1ZV52ob6Iy9EkmuRHYJsQuw911Yyesw7amLNnWCxMZQCu9VXFypz0UmAh$) and see if you find this more interesting. Though population data should align between the US census bureau and whatever you find in the LA county repo. The benefit of the la county repo is that it may have data sources you might find interesting that are specific to LA county.

I hope that is helpful.

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Thanks, Nick and Jacobo

From the links I explored, the one Nick provided is perfect. Thus far, I've only explored the dynamic map and the raw data, but I need to figure out how to plot census tracts. I aim to link noise data, calculated by GPS location, to the GEOids at the tract level.

Nick, we should definitely connect in the new year. I share a similar sentiment about maybe having you/your team on some of the papers I wish to publish. I am available Jan 3-4th and from the 9th onward .

Regards,

Matthew

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Hi Matthew,

LA County has a [resource](https://urldefense.com/v3/__https:/egis-lacounty.hub.arcgis.com/datasets/339787e096f94c2dbfbf1909698d6c5c/explore?location=33.946681*2C-118.397972*2C8.45__;JSU!!DZ3fjg!9GUWuVkYZpyq-sKU-4mGdot6vXJfA0Zj8CnkVBqaU_2lPsu5-eJWEdcMsE4uQr7vDGZz1vPFh35exxKW_9zn25sP$) to download 2020 census tracts, which you can plot/map and join to population and noise data. If you want to map tracts beyond LA County or from other years, the [TIGER/Line shapefiles](https://urldefense.com/v3/__https:/www.census.gov/geographies/mapping-files/time-series/geo/tiger-line-file.html__;!!DZ3fjg!9GUWuVkYZpyq-sKU-4mGdot6vXJfA0Zj8CnkVBqaU_2lPsu5-eJWEdcMsE4uQr7vDGZz1vPFh35exxKW_312GV_f$) are the source for spatial tract data. However, the website is a little confusing to navigate and the data takes some wrangling.

If you have other questions I'm happy to help, as I've done a lot of this type of mapping and spatial joining.

Kate