

[not graded, but **highly recommended (will likely get behind and lost on ps1 without ps0** and will give you 2 points of extra credit!]

1. Use your (gis) data. Again if you do not have dataset, search on the internet for a shapefile, say for NJ counties: "NJ counties, shapefile" or email listserv for help
2. Load the data into qgis, and produce a map, and submit ps as per directions below

data management takes time! value your time! and figure out data you'll use in this class asap !!! producing maps is fast; but data management is 50-95% of time !!!

1. think hard about data you'll use in your career—otherwise you'll waste 100+ hours !!!
2. write couple sentences/paragraphs about data you want to use
3. and always (even if you already know which datasets you'll use), ask for more data: eg "i want to study X and Y, and need data that will measure it"—in addition don't forget to explicitly say your UA (geographies you want to study) —say daycares, hospitals, census tracts (neighborhoods), municipalities, counties, etc

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## general notes (always the same):

broad idea:

- it will be cumulative: ps will snowball/accumulate into the final project
- it will be also collaborative: you will see what others are doing

submission guidelines:

- **note! extra credit!** submit in your wikipage at <https://maps-dppa.camden.rutgers.edu> usr: gis, psswd: ilovegis, if off-campus vpn first <https://soc.rutgers.edu/vpn/> you will just have one site, and then keep on adding to it: don't delete what you have already submitted—for each subsequent ps, just add a new section with section titled ps1, ps2, etc
- if you work in a group of 2 or 3 people make it 2x or 3x better, eg If ps asks for joining 2 datasets, and there are 3 of you, then just join 6, etc Just do 3x more or better.
- each ps section will have at least one map (make it big with nice resolution, but not too big, say each map should be at least half-page if not much detail or full page if detailed and each map <1mb) and brief description of a map, say few sentences or a paragraph or max few; also list any problems you've encountered and can ask questions!
- exact links to all of the source data (so that i could create the map myself); note: exact links, eg do not say census.gov, but give full url to the data—I must be able to find it; sometimes there is no generic URL—then give steps: what I need to click to get the data!; or upload data say to your dropbox or google drive and provide link to there; so there must be all raw gis data (e.g. .shp .dbf and .shx and others if any), and any other data (e.g., .csv, .xls) that you used to produce a map; in rare circumstances if you use confidential/private data that cannot be shared, please contact me (and still do provide links to all the other data you're using)
- in addition to submission, you will usually (be ready every class! depending on how we do on time) present the map in class—can just show map(s) (max 5-8min (depending on class size): i will cut you off!
- can change the topic and group (easier to stick with one, but often a good idea to change)

to reiterate, for each ps the following must be always added as new section to the file with all previous ps:

- the maps(s) with short description (and problems and questions if any)
- very specific links to all data
- and prepare for presentation

as soon as possible (and definitely once we cover pretty.pdf, final\_project.pdf) :

- the map needs to be "pretty" (syllabus: pretty.pdf): must have legend, title, cut decimal points, make fonts small, etc)
- the map must be "interesting" (syllabus: pretty.pdf, final\_project.pdf): ask yourself the "so what?" question; essentially, you need to tell as story with your map

tips:

- start early; start tomorrow or the day after tomorrow or tonight! otherwise you'll forget it...and then, next week polish it
  - use your (gis) data-again, if you do not have dataset, have a email the listserv
  - you cannot use the data I used in the class (or that I am using in the slides posted on the website for the future classes)
  - assignments are due by **the beginning** of the class
  - if you choose to work in a group, write down the names of people you worked with and submit one ps for the whole group
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for wikipedia only [not fall2020]:

wiki formatting: side by side

```
<gallery>
File:Example.jpg|Item 1
File:Example.jpg|a link to [[Help:Contents]]
File:Example.jpg
File:Example.jpg|alt=An example image. It has flowers
File:Example.jpg|''italic caption''
Example.jpg|on page "{{PAGENAME}}"
File:Using Firefox.pdf|page=72
</gallery>
```

OR:

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{{multiple image
| footer      = The mule links to ''[[Mule]]'', the donkey does not link anywhere,
and the trout links to its image description page as usual.
| align       = left

| image1      = Frecklesmule.jpg
| width1      = 143
| alt1        = A mule
| caption1    = <center>A mule<br />sdad</center>
| link1       = Mule

| image2      = Donkey 1 arp 750px.jpg
| width2      = 150
| alt2        = A donkey
| caption2    = <center>A donkey<br />sdas</center>
| link2       =

| image3      = Rainbow_trout.png
| width3      = 91
| alt3        = A trout
| caption3    = <center>A fish<br />
{{sdsadas}}, ''asdasd''</center>
}}
```