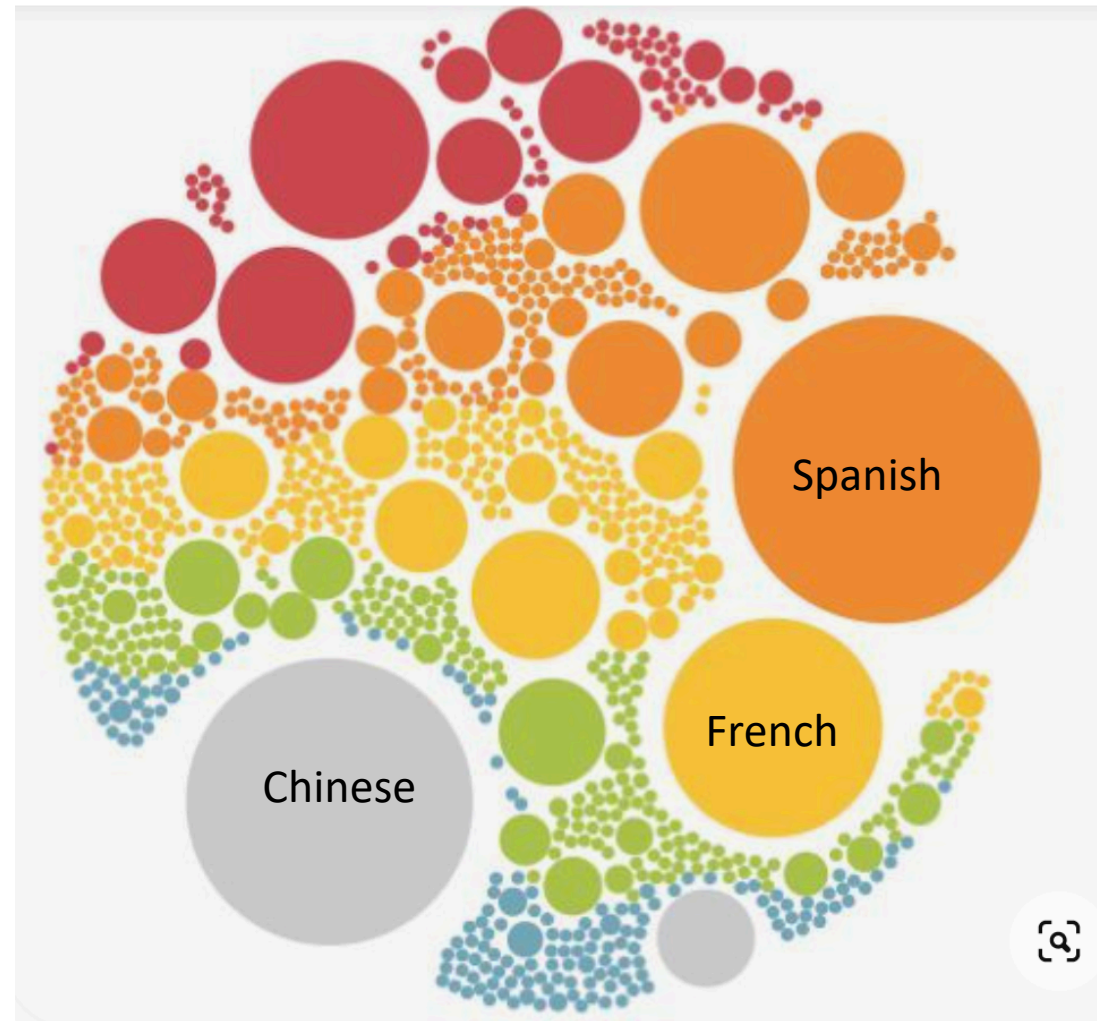


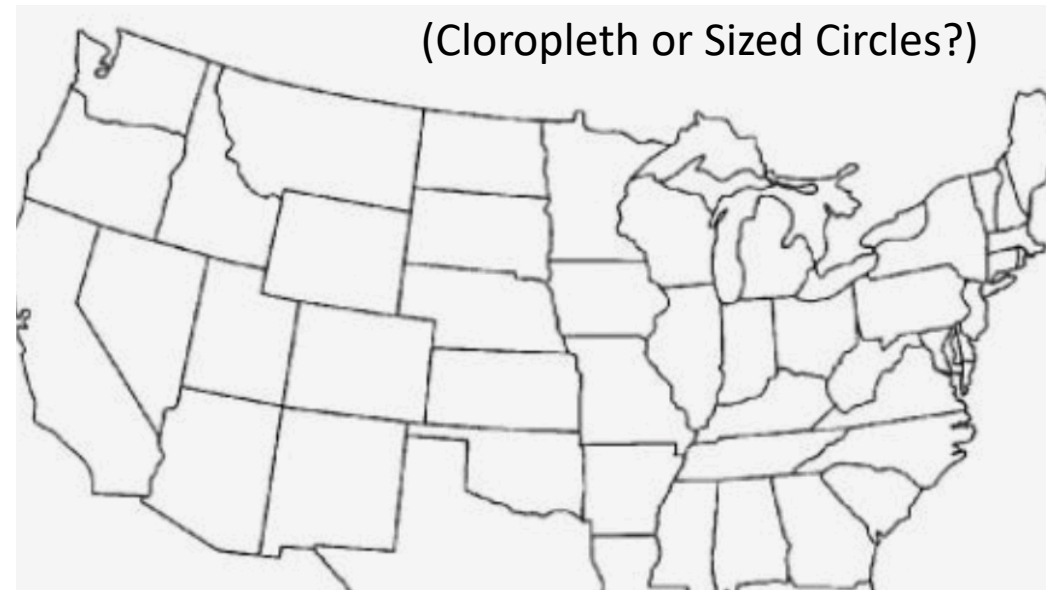
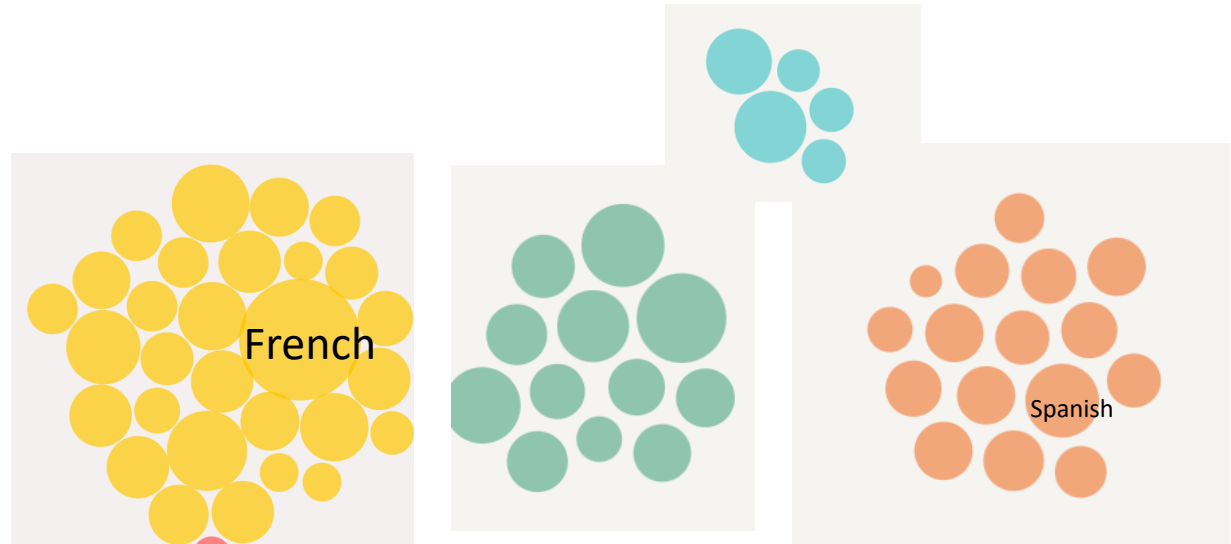
What Languages are Spoken in the US?

- Tooltip that shows the number of speakers when hovered over circle (Tooltip will also show name of language for smaller circles)
- Coloring represents language groups
- Sized according to number of speakers
- Storytelling feature: Highlight which languages might be spoken the most/least. Talk about indigenous languages being very small but many different kinds.



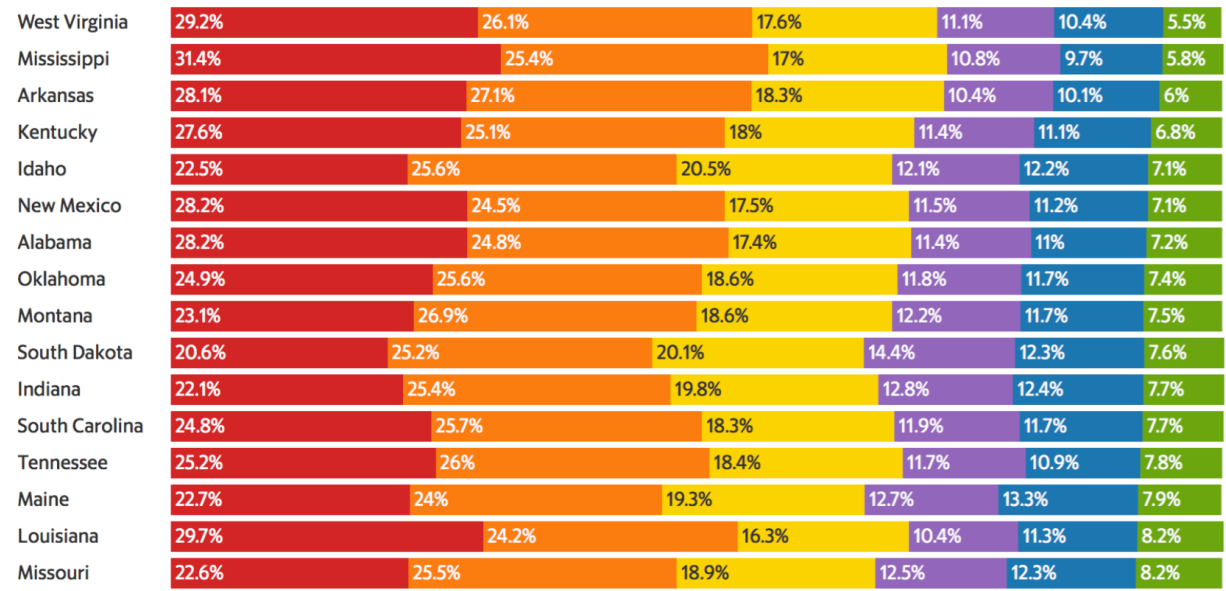
Where are these languages spoken in the United States?

- Animated transition from first view to colored swarms
- Same circles and sizes from first view
- When user clicks on a circle, the name appears and then the map shows where that language is spoken in the US either with sized circles in each state, the size representing the number of speakers and the same circle color as the language OR a choropleth with a scaling factor
- Storytelling feature: Pick a few languages and highlight where they are spoken



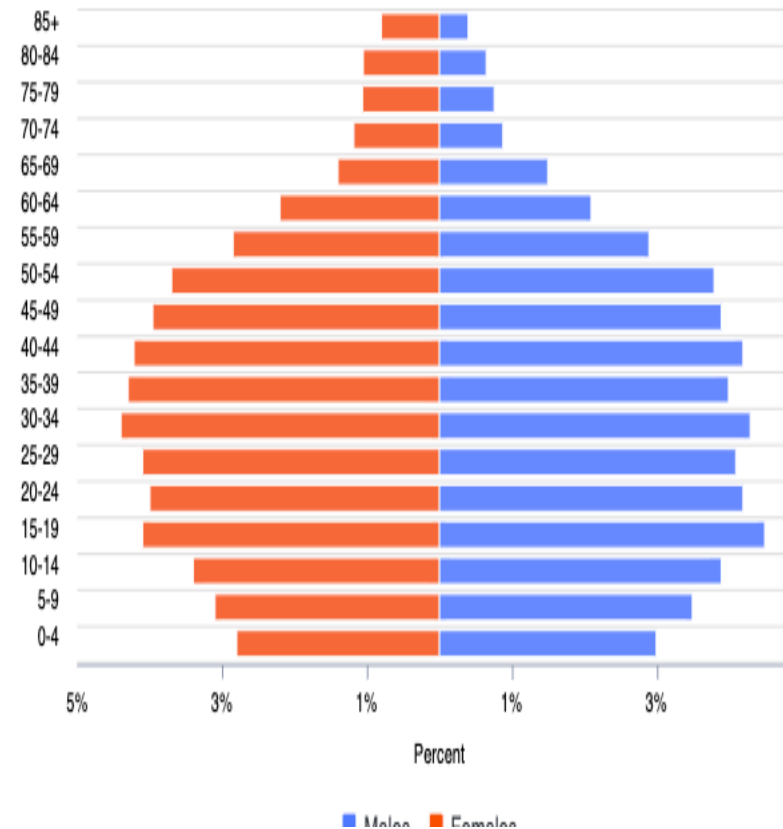
What states have the most language diversity and what are the languages spoken in a specific state?

- Colors are the same colored language groups as before
- Each category/color can be sorted
- Option to include/exclude English?
- A tooltip could show the total number of languages on hover
- Storytelling feature: Highlight states with the most and/or least language diversity and why that might be the case.



What foreign languages speakers are the most bilingual?

- Same color groupings
- Start at grouping level
- When user clicks on a group, the bar chart expands to be at the language level for that colored group
- Storytelling feature: Highlight extremes and give reasons/explanations for why



(Optional) How have the languages spoken in the US changed over time?

- Dates from 1980 to 2010 with 10-year increments
- Tooltips highlight sections when hovered
- Same colored groupings as before
- Storytelling feature: Explain that Spanish and Chinese are increasing due to the large immigration from these areas. Decrease in French, Italian, German as those communities have largely integrated. Dying out of indigenous languages?

