

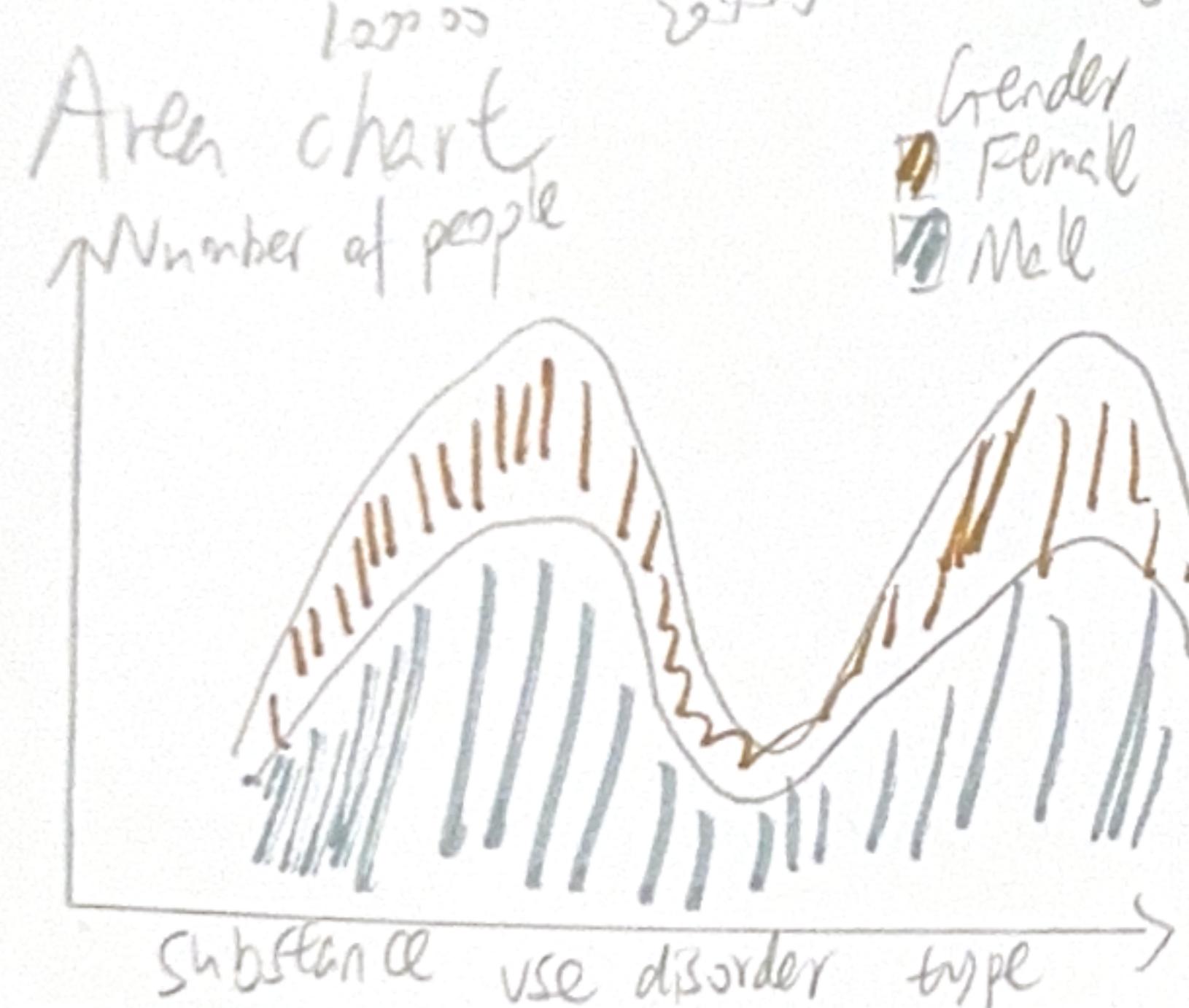
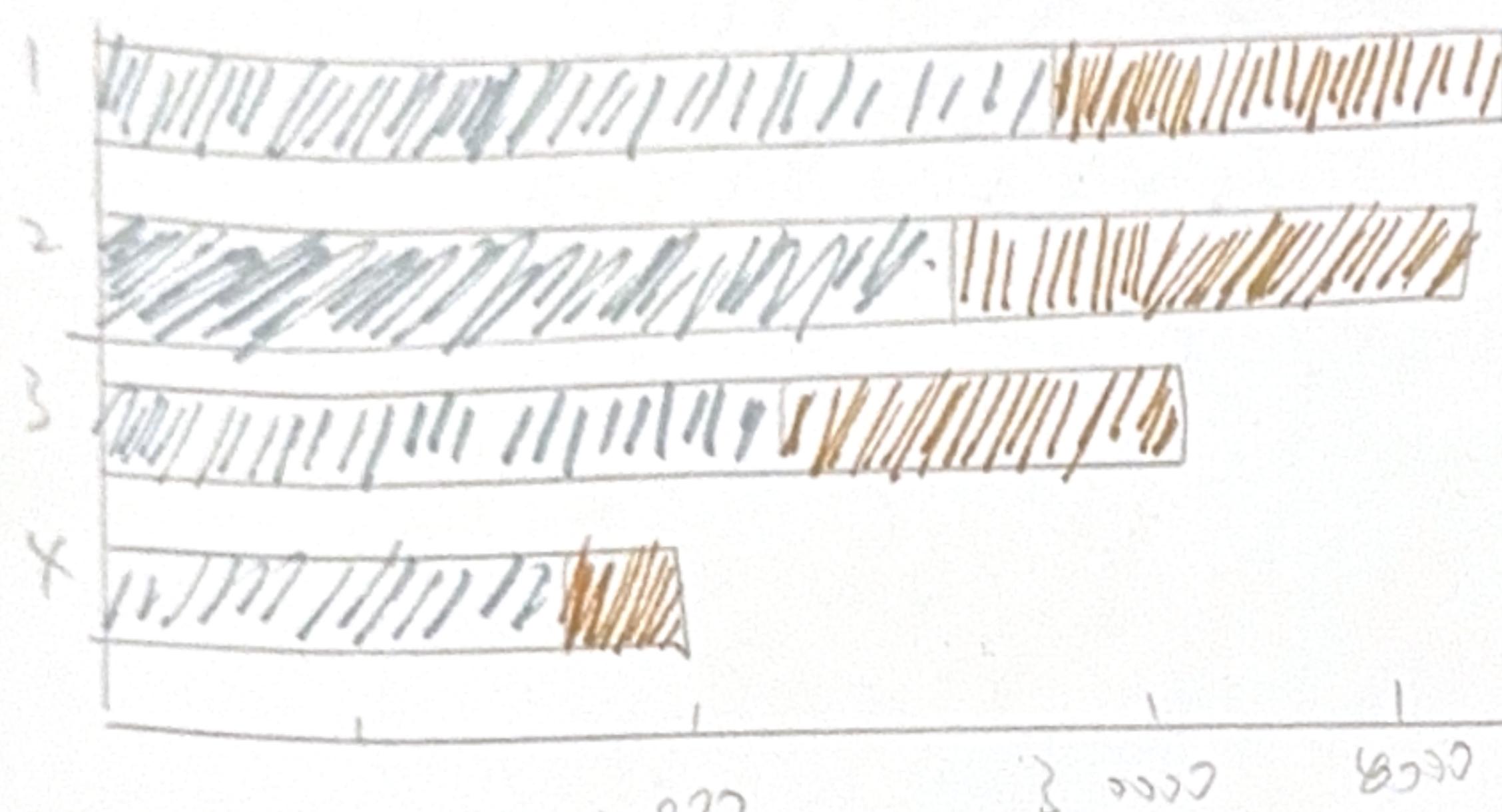
IDEAS

- Choropleth map



Mental Behavioural condition by state

- Horizontal bar chart



Combine and refine

- Choropleth map provide geographic overview

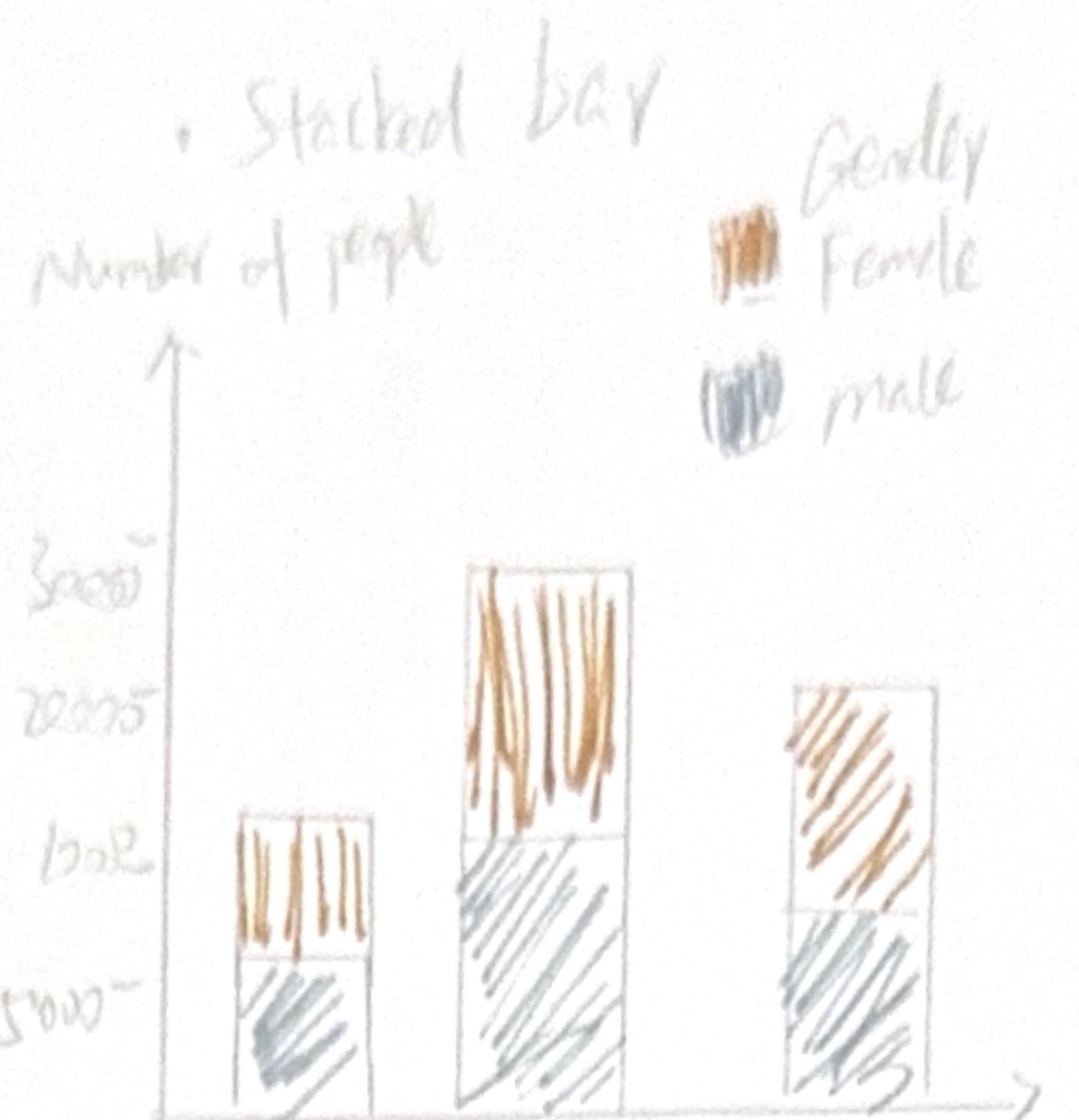
Interactive bar chart provide detailed breakdown of anxiety disorder by sex

Refine

use consistent colour schemes

Add dropdown filter

Include callouts and annotations



Anxiety Disorder type

1 Any Affective people

2 Bipolar Affective Disease

3 Depressive Episode

4 Psychomia

Female

Male

CATEGORIZE

Spatial map



Demographic



Storytelling/Narrative

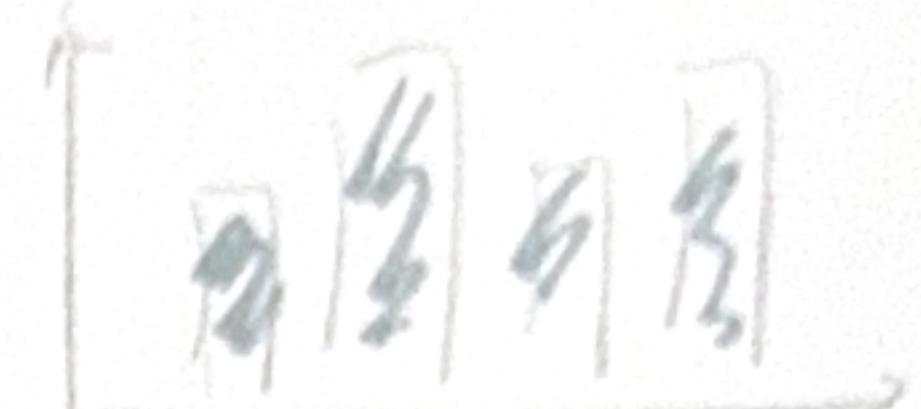


Analytical/
Trends

Filter
Choropleth map



Bar chart by sex and disorder



IDEAS

- Choropleth map provide geographic overview

Interactive bar chart provide detailed breakdown of anxiety disorder by sex

Refine

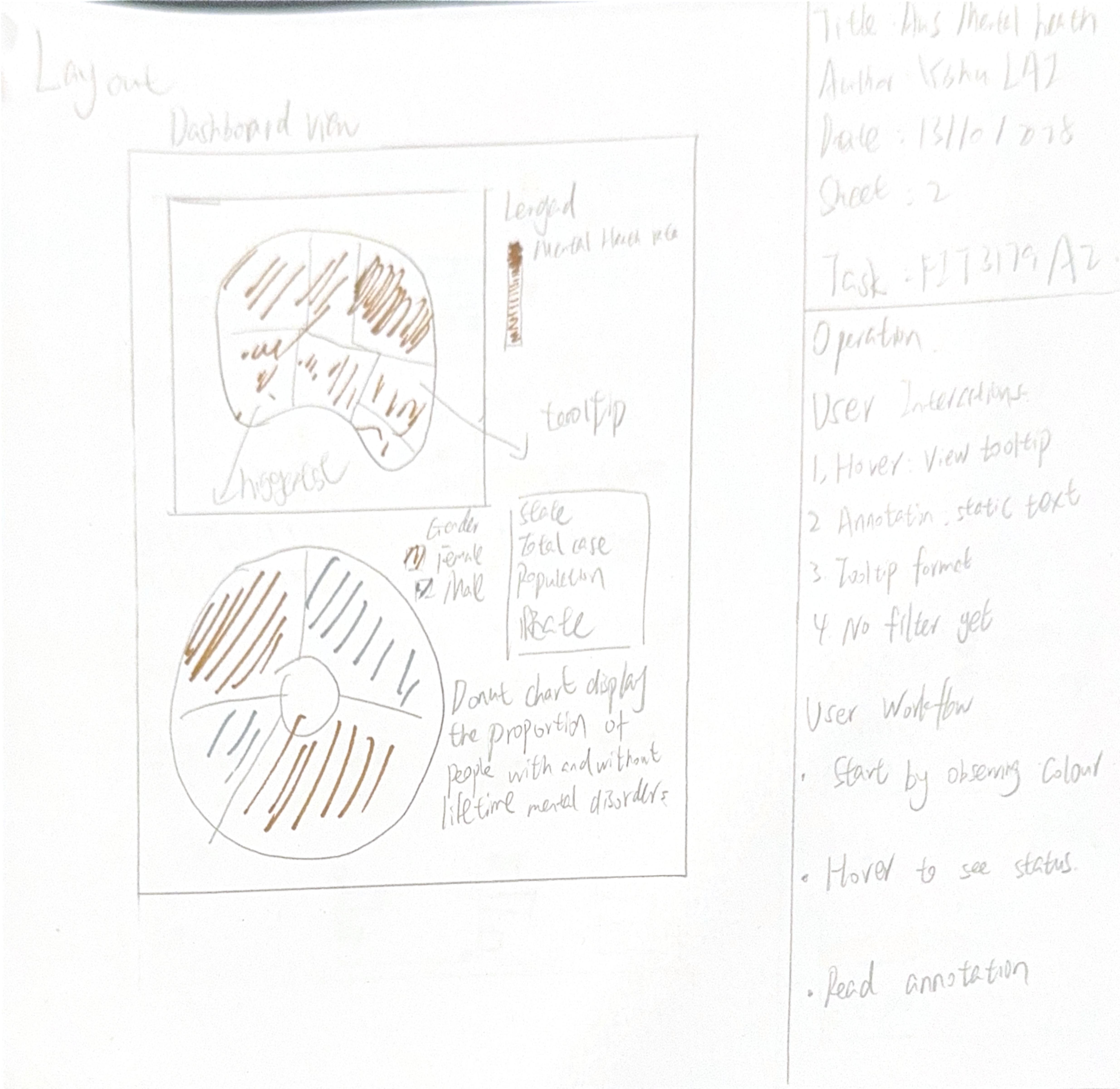
use consistent colour schemes

Add dropdown filter

Include callouts and annotations

Question

- Does it answer the brief?
- Feasible?
- Data alignment?



Focus

Primary Goal:

Reveal geographical patterns of mental health condition across Australia to support plug and awareness.

Key visual encoding choices:-

Mark type geoshape

Colour encoding.

Projection Conic Equal-Area.

Discussion

Strength

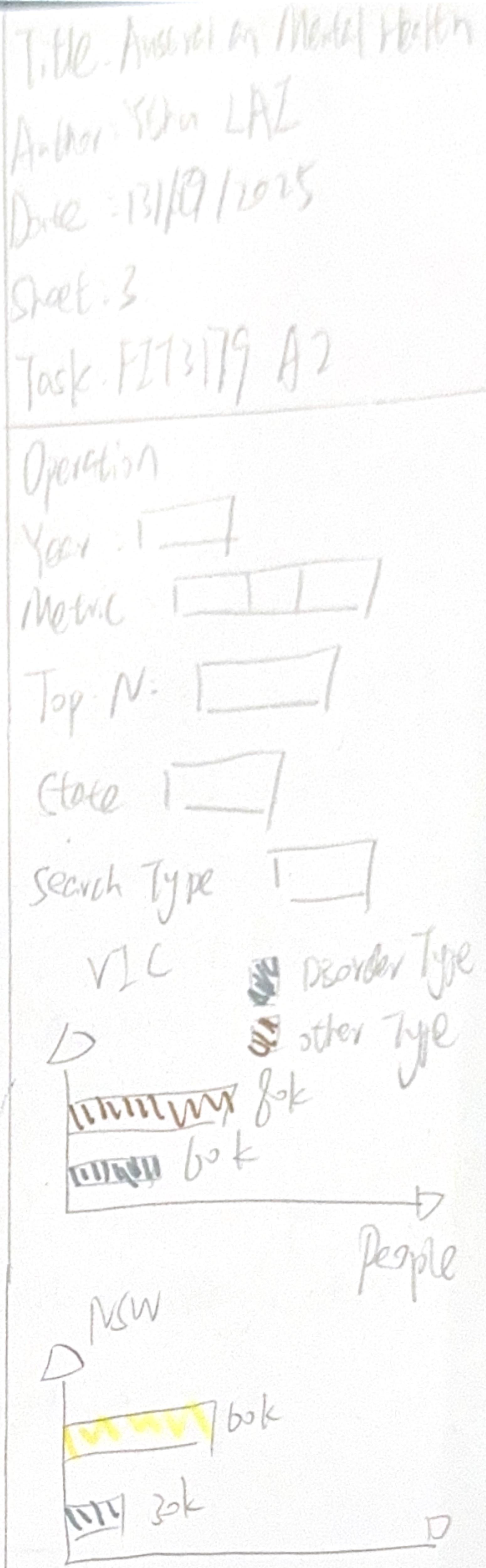
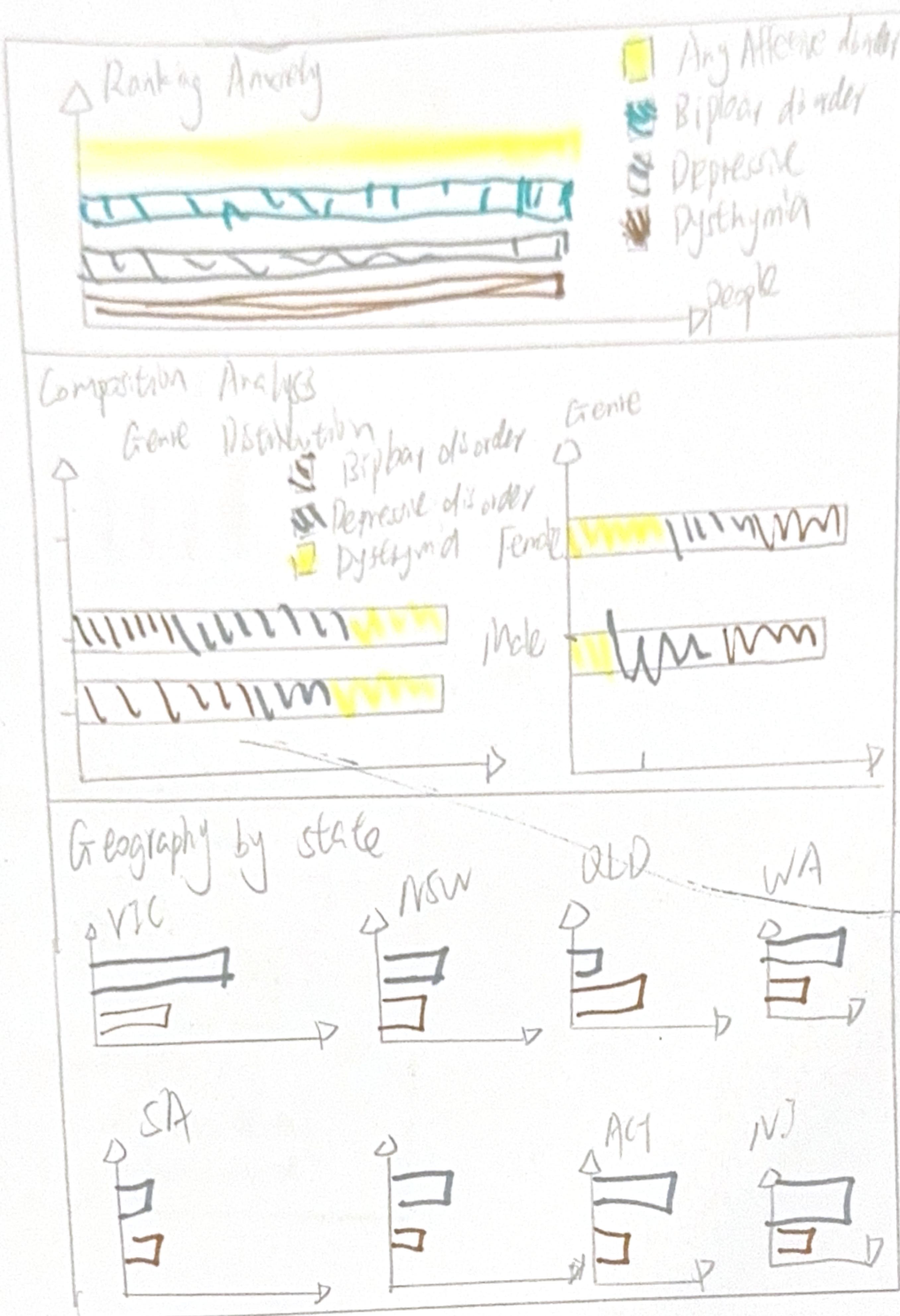
- Straight forward and familiar map form for public audience
- Clear spatial comparison
- Support annotation and tooltip.

Risks.

pure spatial No demographic dimension yet

Colour difference

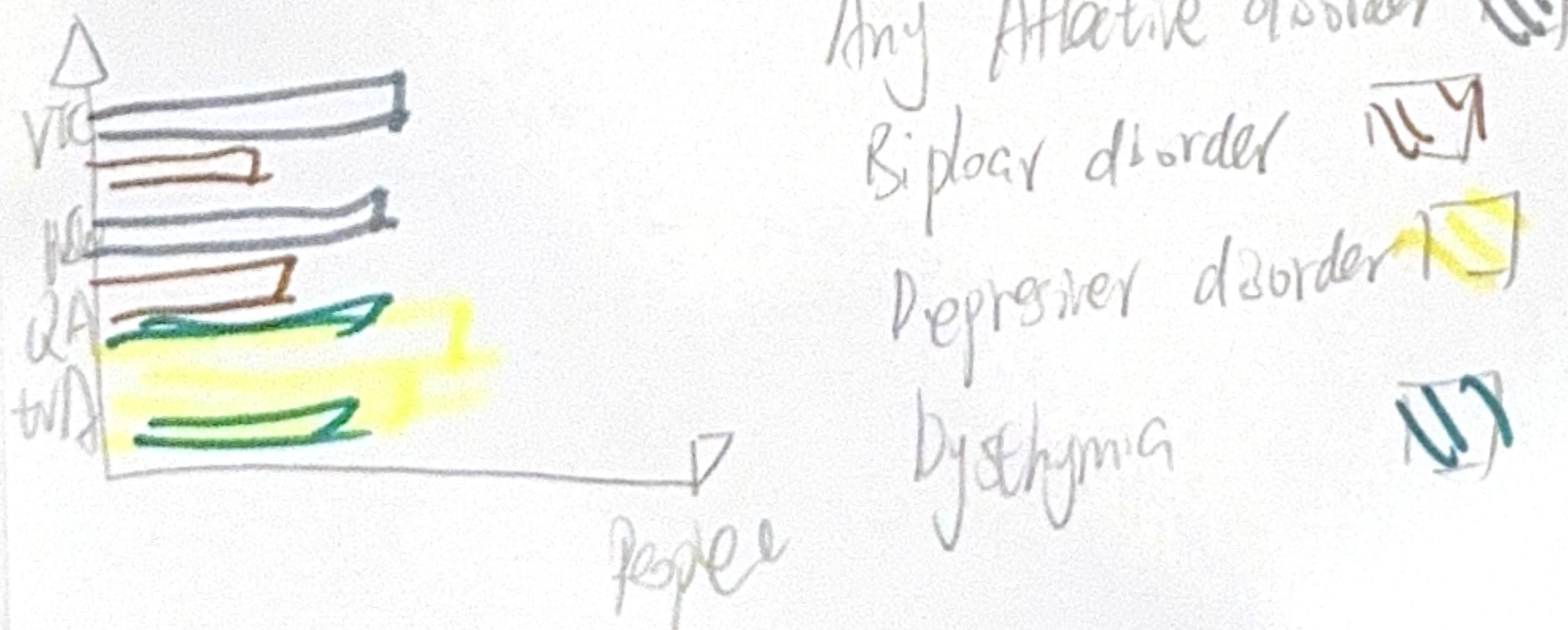
Layout



Fo

Focus

- No map to see comparability

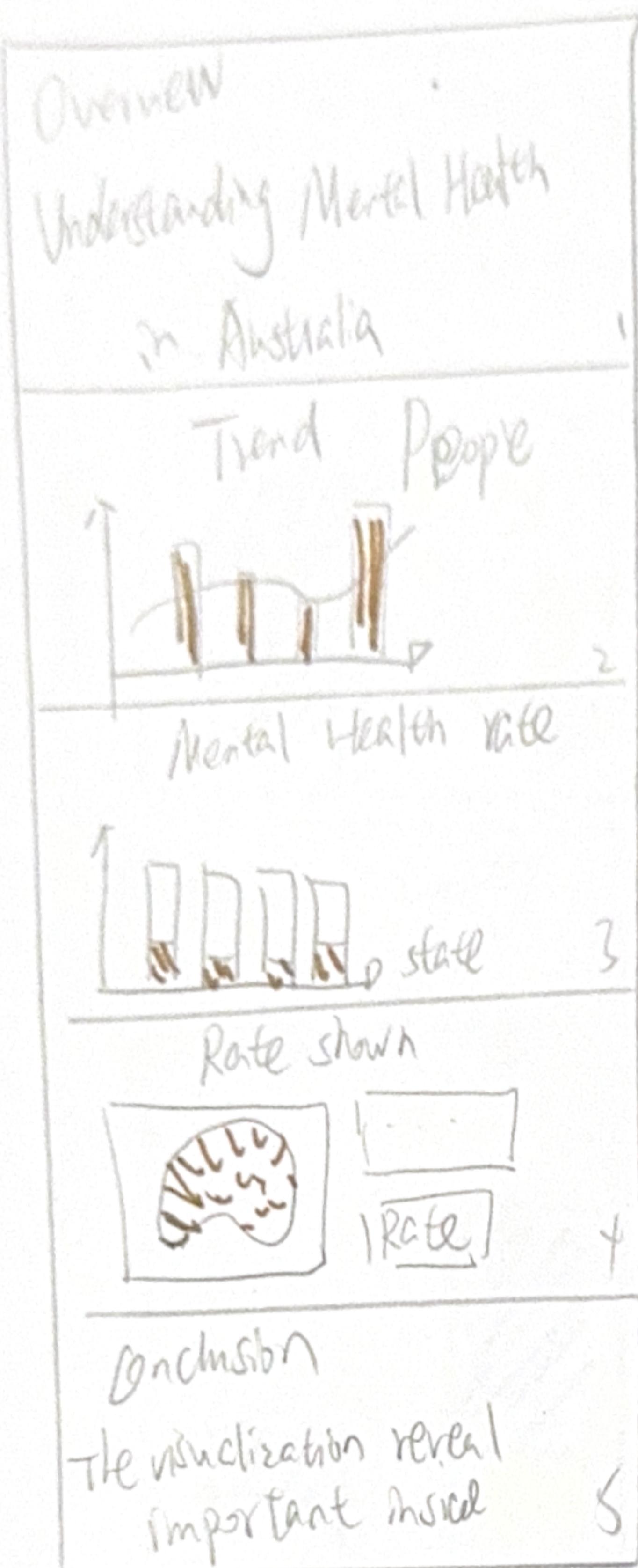


Discussion

- Pro
 - Rank bars + 100% compositions.
 - Diversity per centre
- Risks -
 - proxy estimate
 - Too many Top-N

Layout

Simple Narrative Visualization



→ Raw map with data

Title: Australian Mental Health
 Author: Sushma LAZ
 Date: 13/10/2015
 Sheet: 4
 Task: Fit 379 A2

Operation

User Interaction:

1. Hover (map) - show tooltip
2. Click Legend: Highlight
3. dropdown (bar)
4. click legend bar
5. Annotation
6. scroll

User workflow example

- Start go through steps.
- + Watch all steps

Focus



→ general Info

→ Rate of therapy

Discussions

Strengths

- Integrates 5 complementary insights
- strong narrative flow from nation overview
- Each visual remains readable

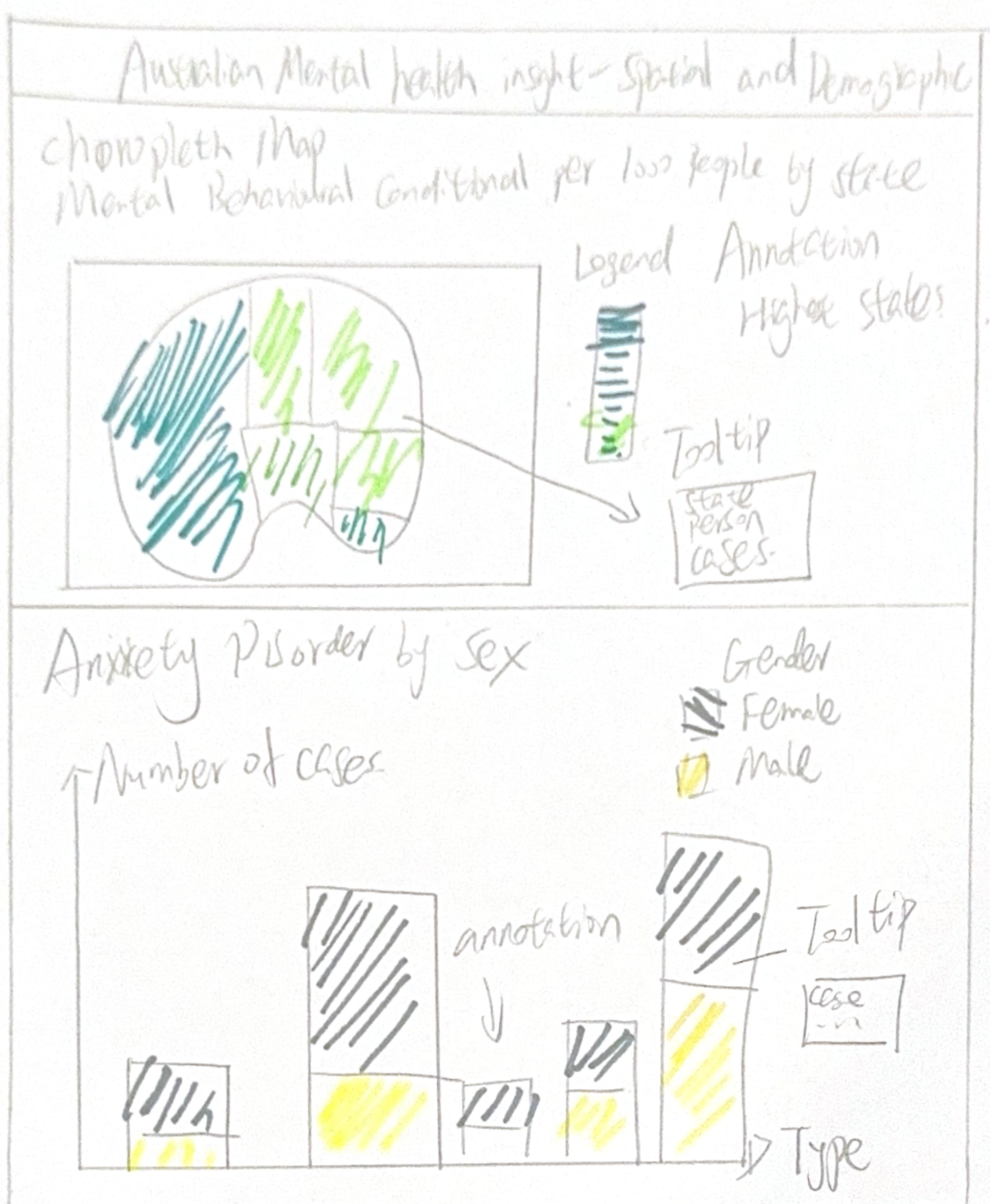
Cons

- Dropdown and legend interactions could confuse
- Requires good annotation.

- Linked theme
- Annotation consistency
- Typography
- Contextual connection,

Layout

Dashboard view



Title: Australian mental health
Author: Ethan LAL
Date 13/10/2025
Page: 5
Task: FIT3179 A2

Operation

1. Hover (Mcp)
2. Annotation
3. Click Legend
4. Dropdown Box
5. Dynamic Annotation
6. Scroll or resize

Flow example

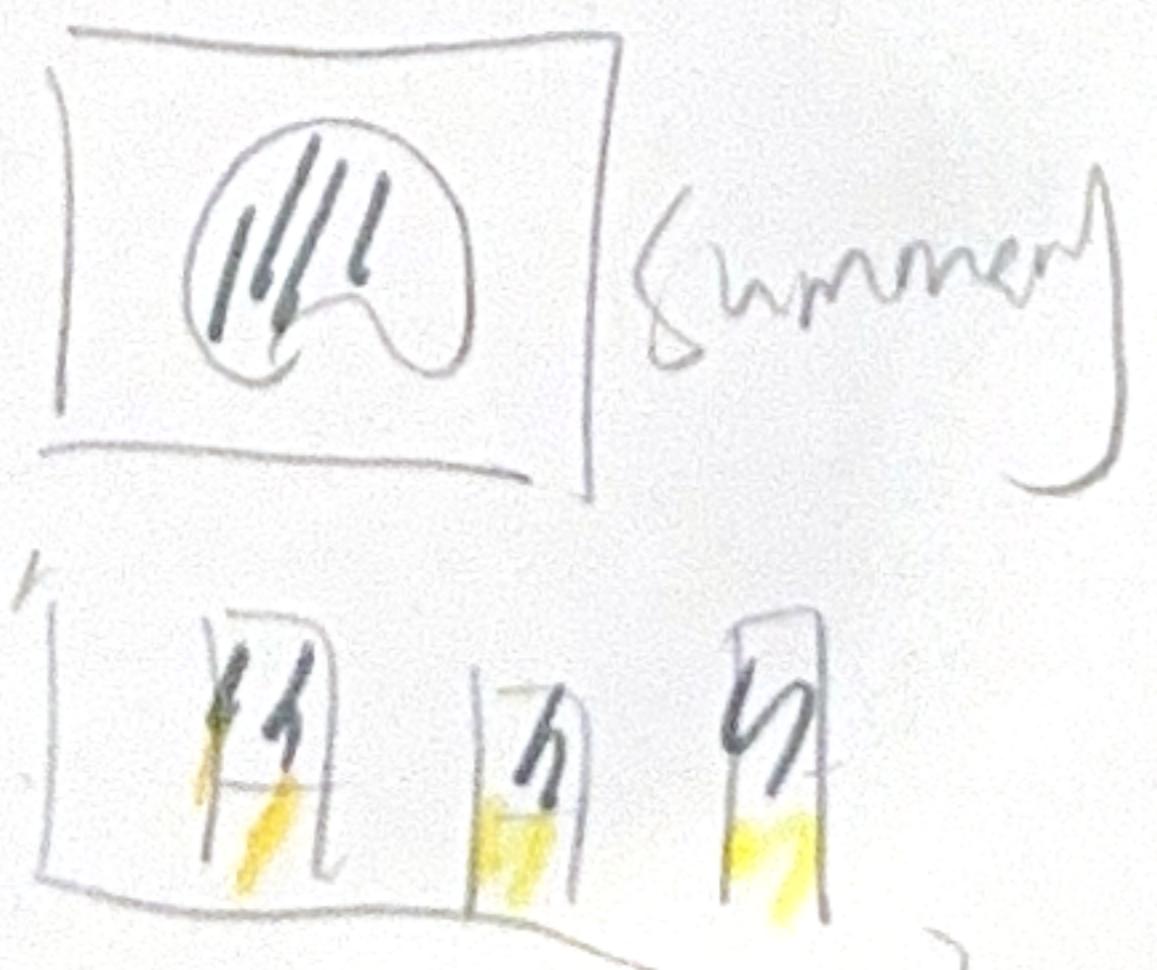
1. map
2. chart
3. interact
4. reflection

Focus

Primary goal:
To communicate clear, trustworthy insights into the
How mental health prevalence varies across states

- Map

Stacked
Bar chart



Detail

- Environment
- Implement using Vega-Lite V5
embedded in HTML
- tiles required

- GdE Features