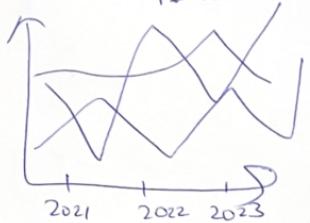
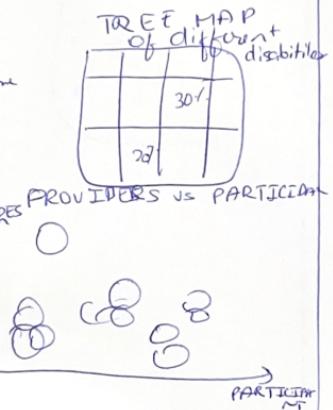


Ideas



Participants in 2024 by state



combine & refine



Filter
PARTICIPANTS BY STATE



TREE MAP of disability



Categorise

- START AUS ANALYSIS
- PARTICIPANT & FUNDING
- BY STATE
- PAGE GROUP
- DISABILITY
- PROVIDER
-
- CONCLUSION
-

Questions

- Is this data available
- How significant a problem this is

TITLE: Future Implications
of NDES

Author: Vishesh Aggarwal

Date: 14/09/24

Sheet: 2

Task: Australian Analysis



Select state
Zoom

Change in
participants
over time

INSIGHTS

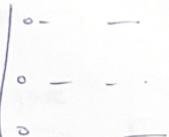


②



Funding over
time by
state

INSIGHTS



Operations

① Chokepoint map ~~outline~~
shown by colour ~~set borders~~,
participants by hue,
zoom feature on Aus
but also by state
& tooltip

② Future funding of NDES
by state (colour hue)
over time shown by
line chart - tooltip
& selection filter

FOCUS:

- Everything is focused
- As we go from left to right, data breaks down yet takes region to state level
- Insight box outlines key takeaways for audience

Discussion

A:

- Easy to understand
- Insights give key takeaways
- good use of color

B:

- Maybe too complex for map too important

Date: 14/9/24

Sheet: ②

Task: Individual state analysis

STATE COUNTRY ANALYSIS

CHOOSE STATE

① PIE CHART



PARTICIPATION
by state
- age group

② TREE



PARTICIPATION
by state
disability

③ SCATTER

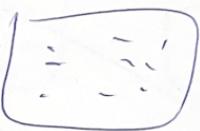


PROVIDER
by state
disability

INSIGHTS



INSIGHTS



INSIGHTS



Operations:

- ① Pie chart - colours hue for age groups by states + tooltip (?)
- ② Tree map to show different disabilities by state + tooltip
- ③ Scatter plot to show provider vs participant by disability

Focus:

All parts especially ① & ② as they form key take aways for the long term strategy of NDIS

→ Insights help to ensure key takeaways are clear

A:

- Easy filtration to choice of state
- Easy to understand

D:

- Too complex to implement to link all
- Hard to compare states

Date: 14/9/24

Sheet: ④

Task: Second option
for individual
states

Operations:

① PIE CHART

- Colour bars to
show participant
by age group
+ tool tip

② Bar chart to
show total

blue disabilities -
shape shown using
FILTER CHART
+ TOOL TIP

③ SCATTER TREE

for different
blue providers/
participant
ratio + tooth

FILTER ALL BY STATE

A:

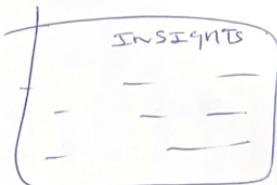
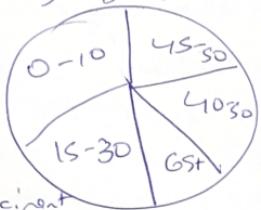
→ Show participant/
provider ratio
is easier to
understand
→ EASY FILTER

B:

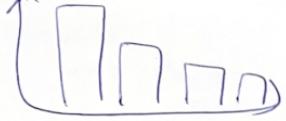
→ Maybe bar
makes it too
simple
→ Still complex
too filter

CHOOSE STATE

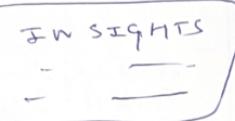
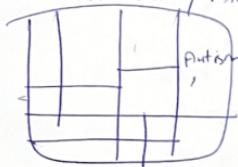
Participants by age groups



Participant



Participant / Provider ratio



Focus:

→ ① & ② are still focus as it
looks to long term solution for
NDIS.

→ Insights are helpful

→ Data maybe looks easier to
interpret than scatter

Stage 1: Collect & clean masses

- collect data
- Try matching it to right format
- Reassess visuals

Stage 2: Australian analysis

- Create map (Probably need more time)
- Create line chart

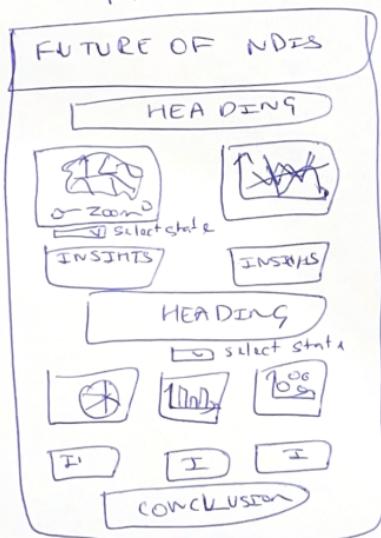
Stage 3: State analysis

- Create visuals for only one state & then next phase can do all

Stage 4: Link & Clean Up

- Add interactivity
- Add insights

Stage 5: Final cleanup & submit Final



Title: Future of NDIS

Date: 14/10/24

Author: Vishesh Aggarwal

Sheet: 5

Task: Realisation sheet & stages

PATASET

NDIS dataset by state, by year (last 5), by disability, providers, age group, funding amount

→ geospatial for Australia (SNY)

Time & Effort

Stage 1: 1 week (collect data)

Stage 2: 2 days

Stage 3: 2 days

Stage 4: 3 days

Stage 5: 5 days (extra time)

Material & Hardware

→ git hub, vega-editor

→ dataset online

→ code libraries