

Quinn Burrows

5 Design Sheets

33963991

Sheet 1

Ideas: chlorophyll map of obesity centred, charts around

Focus on Australia, states, age range, gender.

Graphs: physical activity, obesity/overweight, dietary habits, mental health

Title: Health factors in Australia

sickie breakdown

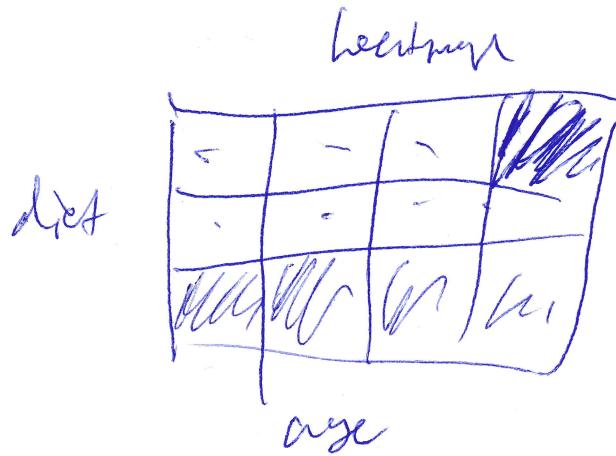
mental health service accessibility

FILTER: single centred map, charts with different idioms

Categorize: Physical, mental, physical combined w/mental

COMBINE and REFINER

- donut plot
- heatmap
- bar
- line
- scatter
- chlorophyll



Layout

Physical Health Factors in Australia

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Quinn Burrows
33463901

Design Sheet 2



FOCUS



Stack
WA
adults 16-24

- operation
- footings to convey info
 - easy to locate graphs
 - legend for colour scale of map
 - dropdown to change year

VITI uses footings to convey data that may be obscured by the graph.

Discussion

In Vitro

easy to read

meets requirements

Pros: Clear amount of whitespace between charts
Large variety of designs

Cons: very graphs difficult to align along sightlines.

Layout

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Design Sheet 3

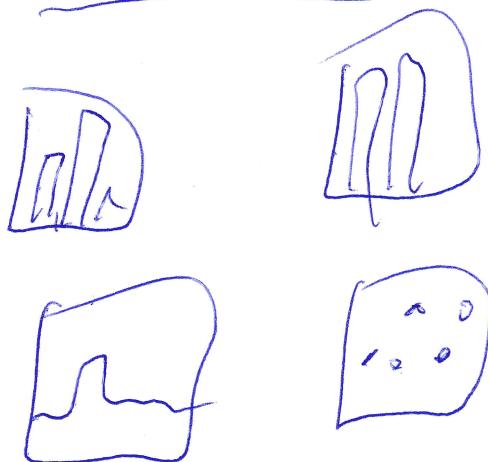
Data By Stake



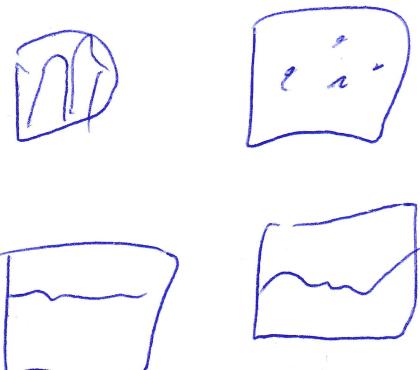
Filter

Focus

Data by age



Data by sex



Focus

Filler: obesity
diet
activity
mental health

Toolbox: Stake
value (%)

Operations

- Variety of items
- Filtered chlorophyll map with different colours for different attributes
- Timeline slider for years

Discussion

Pros

- Easy to follow
- Clear layout
- varied items

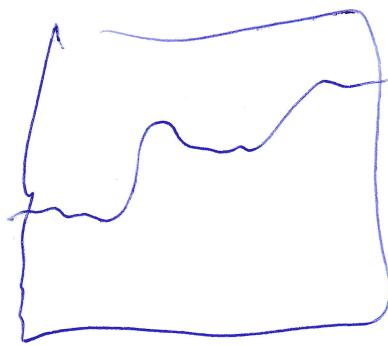
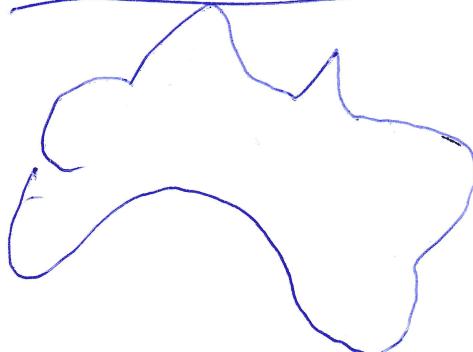
Cons

- weak story telling
- difficult to compare age and sex

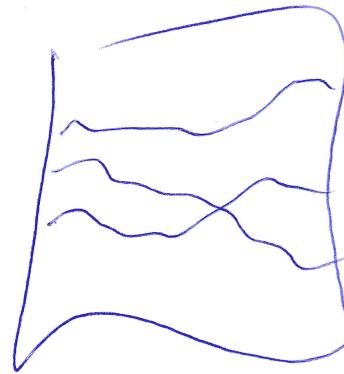
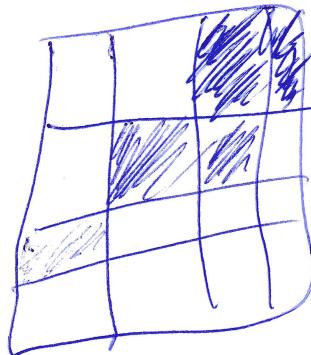
Laya &

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Design Sketch 4

Physical Factors

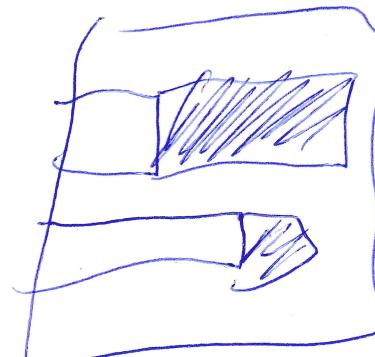
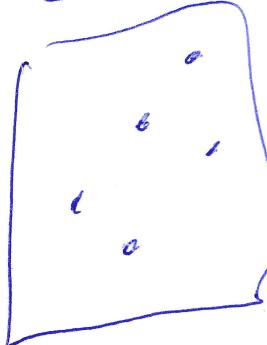


Mental Factors



Heatmap

Combined



Focus feature



Age: 15-17
fruit: 22%
veg: 8%

Interactive Donut chart



Operations

- Interactive Donut chart
- Heatmap
- Stacked bar chart
- chlorophesh map
- scatter plot.

Pros/Cons

Pros:
- clear layout
- good design
- easy to compare stats

Cons:

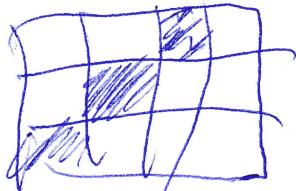
- Choropleth
- Could be a little cluttered
- repeated iterations

Layout

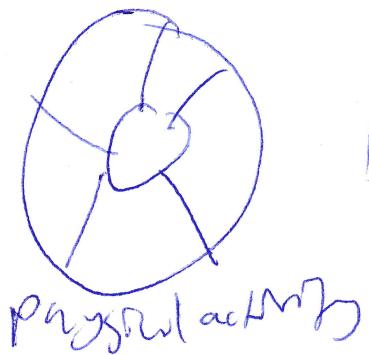


Death Causes in Australia

Lifestyle + Nutriton

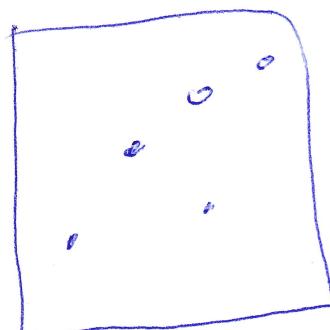


Heatmap
of Daily
Risks

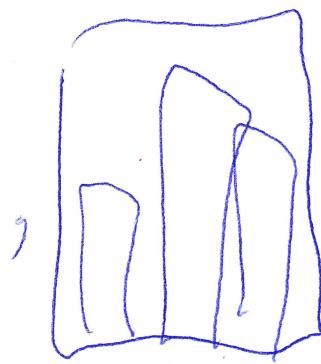


Physical activity

Combination (mental + physical)



Physical activity
vs Psychological
wellbeing



Psychological
lifespans

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Design Sheet 5

Options

- 2 chlorophelt maps
- line chart
- heatmap
- donut chart (interactive)
- Scatter plot
- bar chart
- tool tips
- text annotations

Detail

CSS + HTML

time to make: 2 weeks

cost: \$0

Focus

physical, mental and lifestyle
health in australia

- Exploration of national
health indicators, including
physical activity, mental
health and lifestyle choices