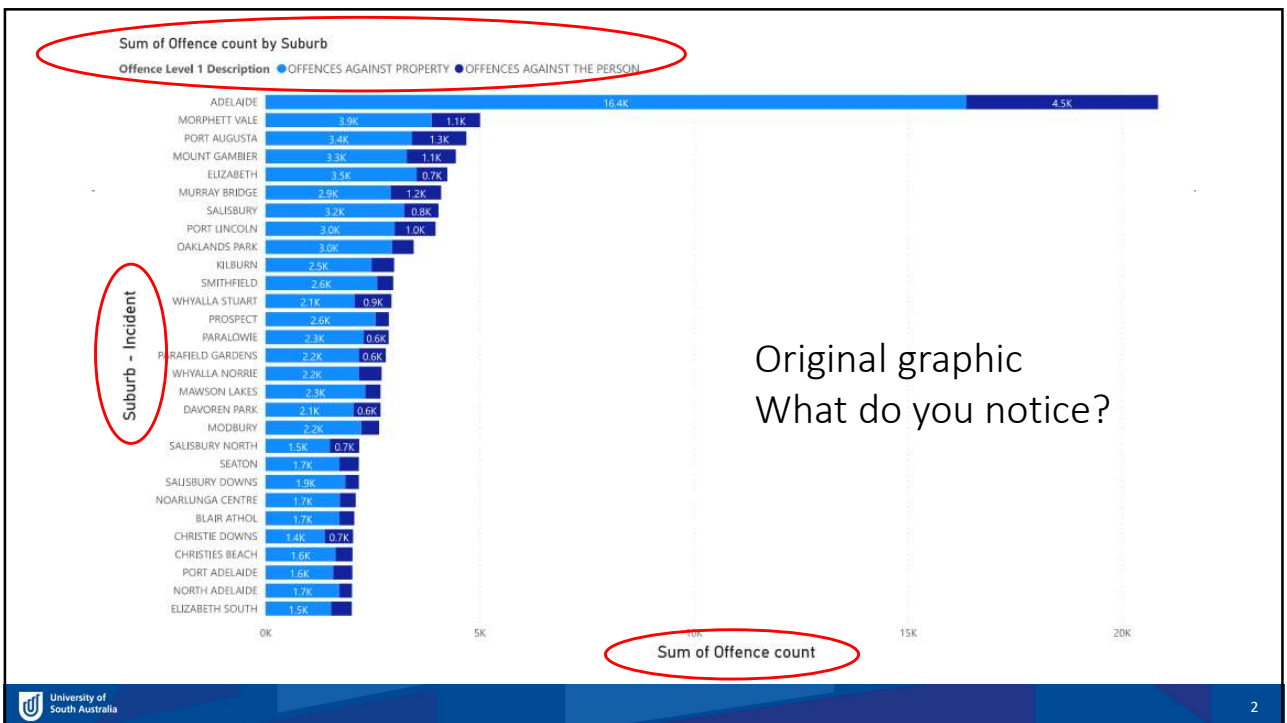




1

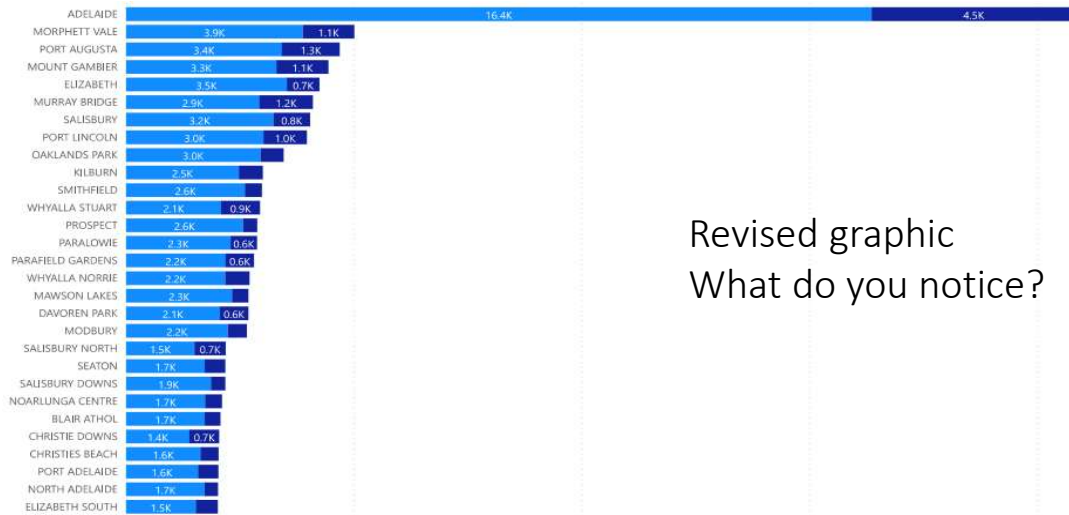


2

Total number of offences by Suburb (2020-2022)

● OFFENCES AGAINST PROPERTY

● OFFENCES AGAINST THE PERSON



Revised graphic
What do you notice?

3

Annotations

Project annotations

Help viewers to **understand the project** and how to use the visualisation

Chart annotations

Help viewers to **perceive the charts** and optimise interpretations

4

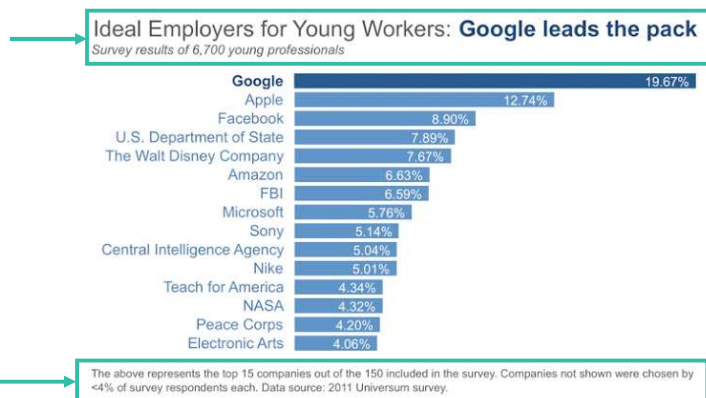
Why annotations matter

- Hugely influential in facilitating understanding.
- Largely based on common sense!
- **Goldilocks principle:**
 - Too much: Cluttered, overwhelming.
 - Too little: Viewers left to find their own way around.



Project annotations

- **Headings**
- Introduction
- **Footnotes**
- User guides
- Multimedia

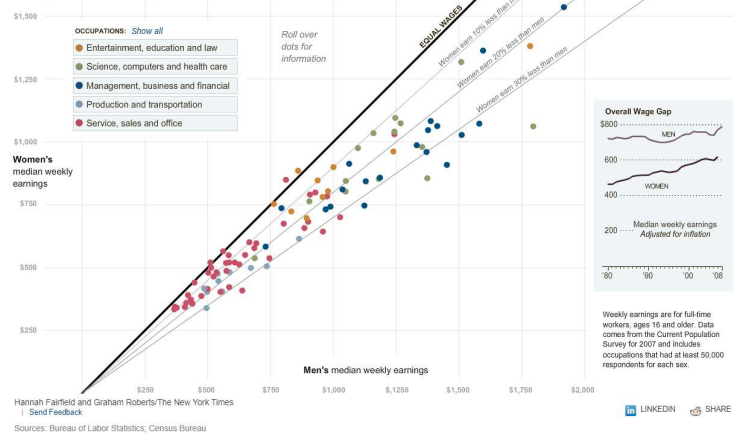


Author: Carlos Gerardo Prieto Alvarez

Chart annotations

- Reading guides
- **Chart apparatus**
- Labels
- Legend
- Captions

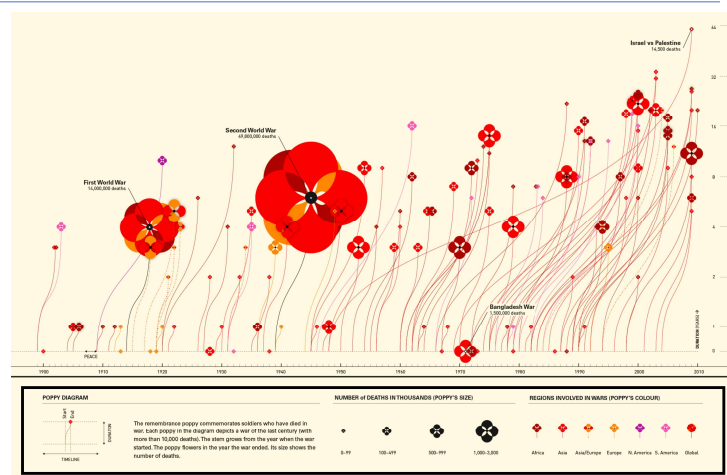
Why Is Her Paycheck Smaller?



7

Chart annotations

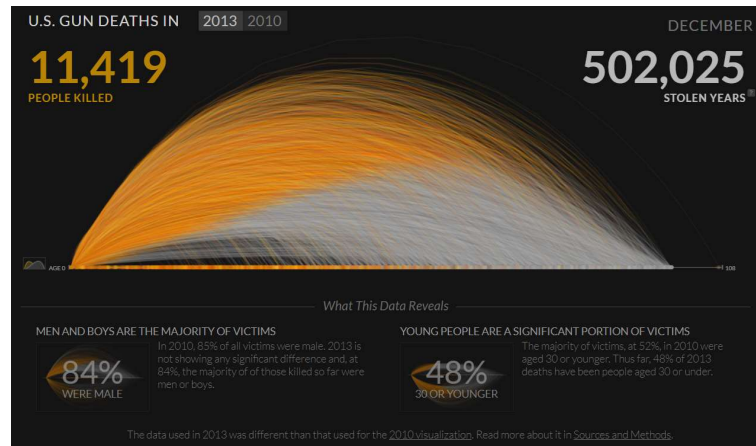
- **Reading guides**
- Chart apparatus
- Labels
- **Legend**
- Captions



8

Chart annotations

- Reading guides
- Chart apparatus
- Labels
- Legend
- Captions



Attention to detail is imperative

Audience

Purpose

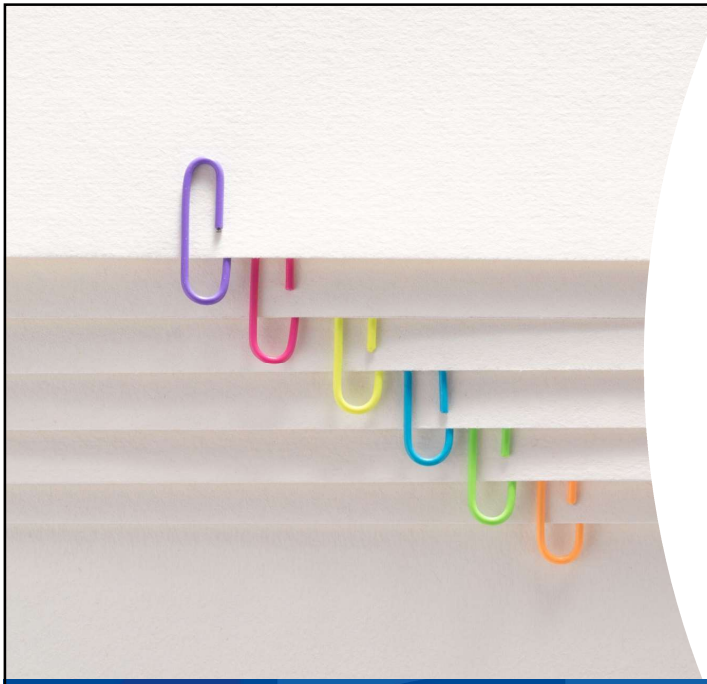
Focus

Transparency


Understandability

Clutter

Minimise
for elegant
design

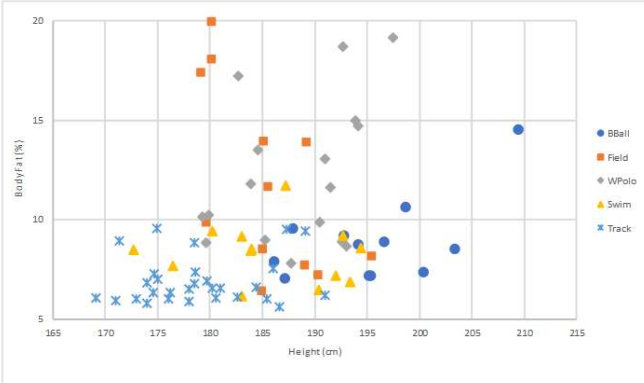


Some examples

11

11

What's wrong with this graph?




Labels and text too small to read

Variable names used in legend

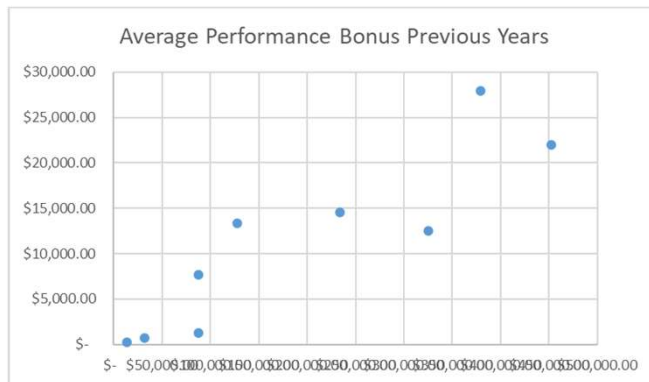
Unbalanced – mark size versus text size

Percent body fat versus height in male athletes. Data source: Telford and Cunningham 1991

12

12

What's wrong with this graph?



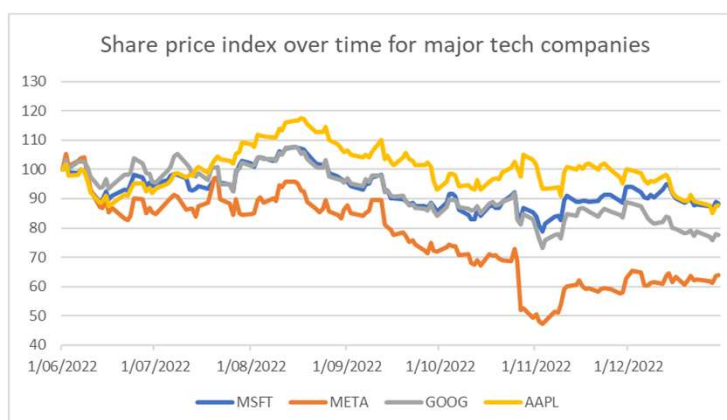
No axis titles

Uninformative chart title

Axis labels running into each other

13

What's wrong with this graph?



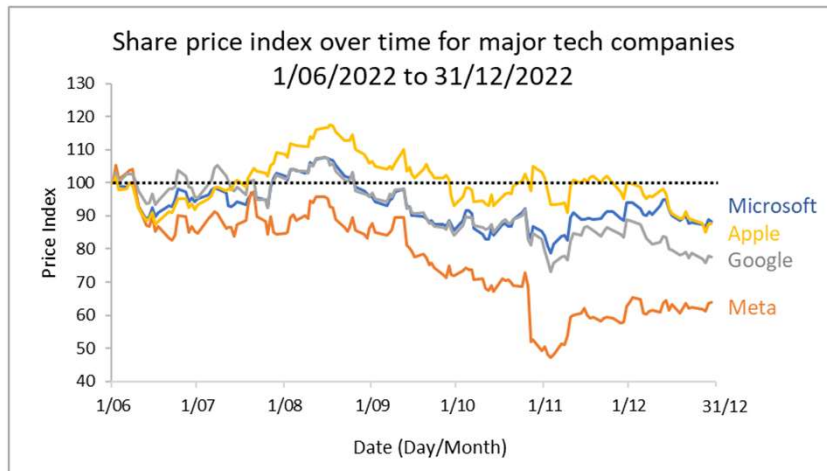
Difficult to match companies to time series

Ticker symbols instead of company names

No y-axis label

Gridlines not useful

14

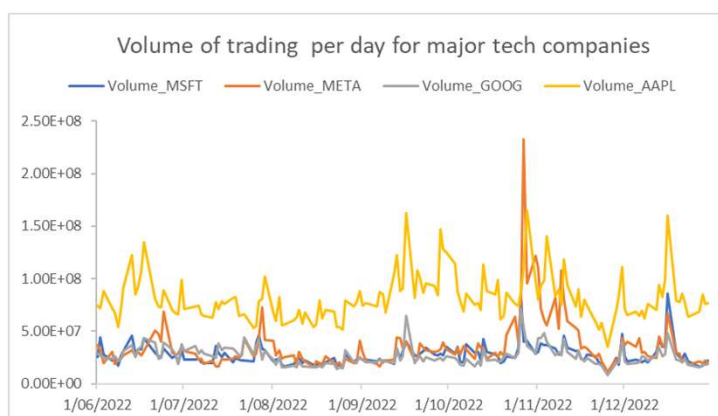


Price index = Price at date t / Price at Baseline x 100, where Baseline = Closing price on the 1st of June 2022

Data source: Yahoo! Finance

15

What's wrong with this graph?



Difficult to match companies to time series

Ticker symbols instead of company names

Scientific notation on the y-axis

16

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