Data Visualization Examples
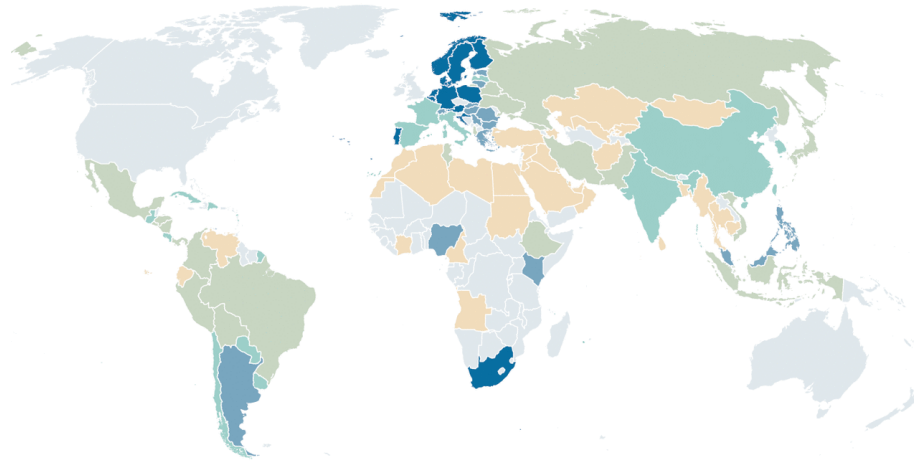
Samantha's Economist Graph
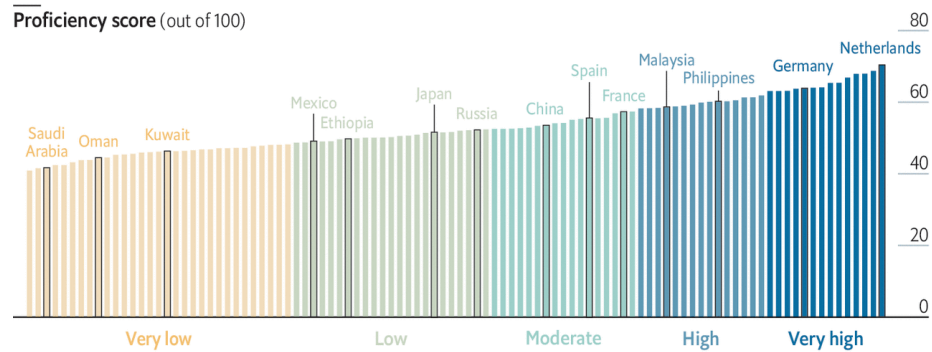
Now you're speaking my language
English proficiency, 2018

By country   Very low   Low   Moderate   High   Very high

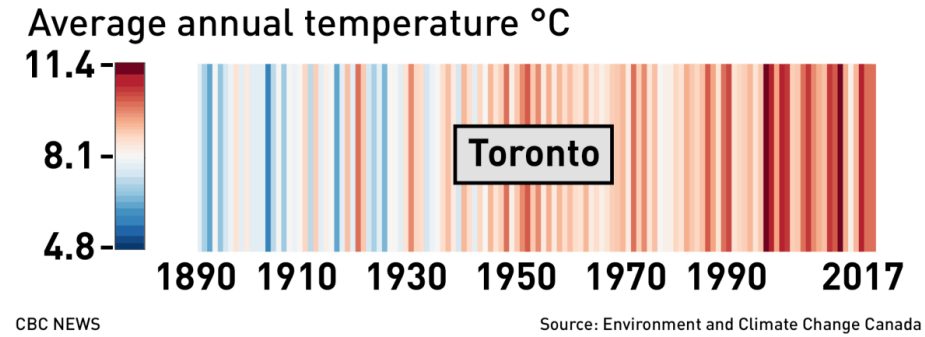**Proficiency score** (out of 100)
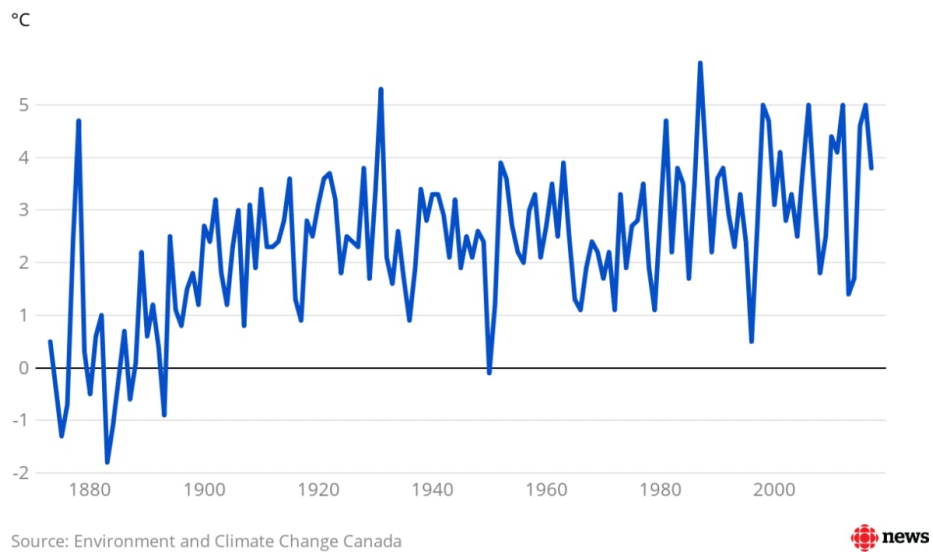

Source: EF Education First

The Economist

Ethan's Election Map

- See similar issues raised by this cartoon (https://xkcd.com/1939/large/)
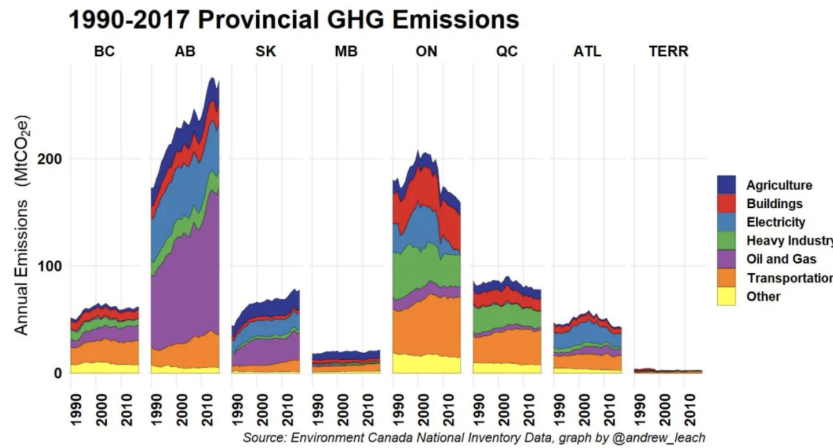
Allie's Climate Chage Examples

Average annual temperature °C

CBC NEWS   Source: Environment and Climate Change Canada

Average annual temperature in Winnipeg

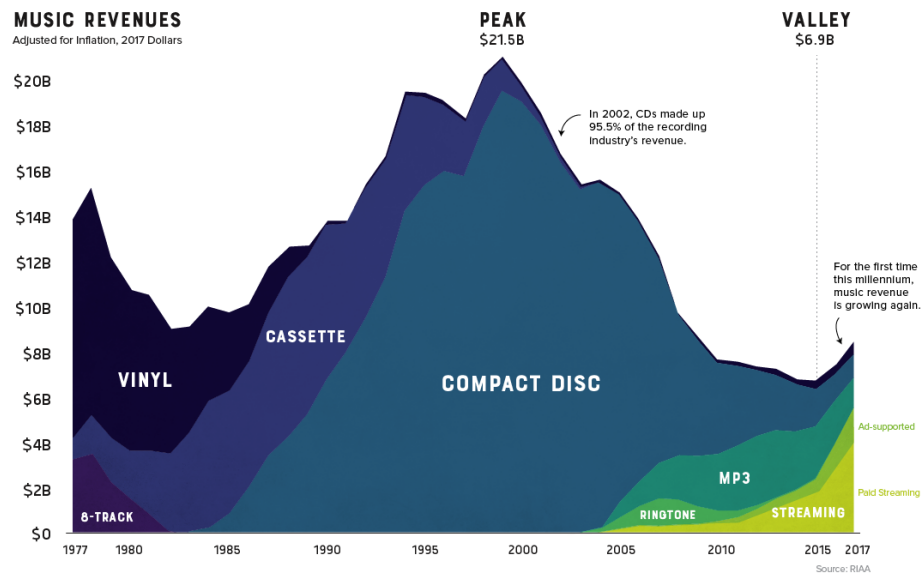Source: Environment and Climate Change Canada

- Note: These data are all accessible via the weathercan R package

Chelsea's GHG Example

- Question: How many variables are in this graph? What types are they?

Jonnica's Music Revenue Graph

Sara's Animated Bush Fires

- How to animate plots with GGplot2

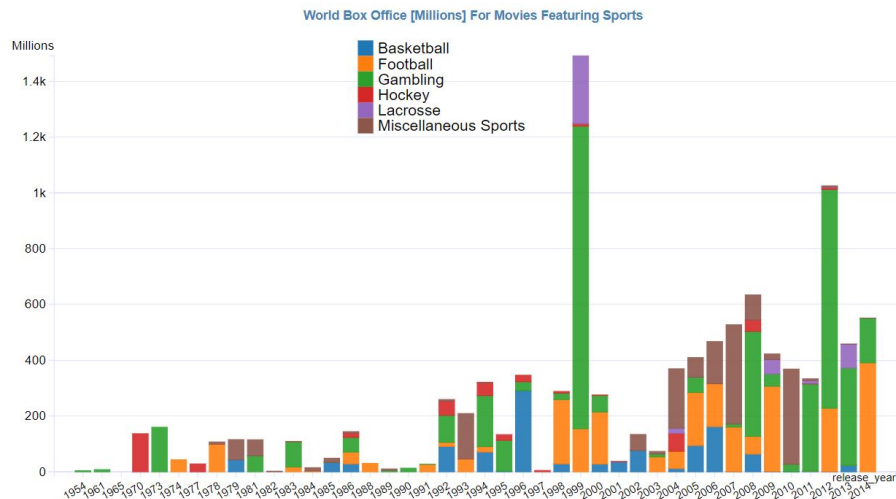**Mass Incarceration in the United States**

- Note the use of simple bar charts.

Liz' Opinion Bar Graph

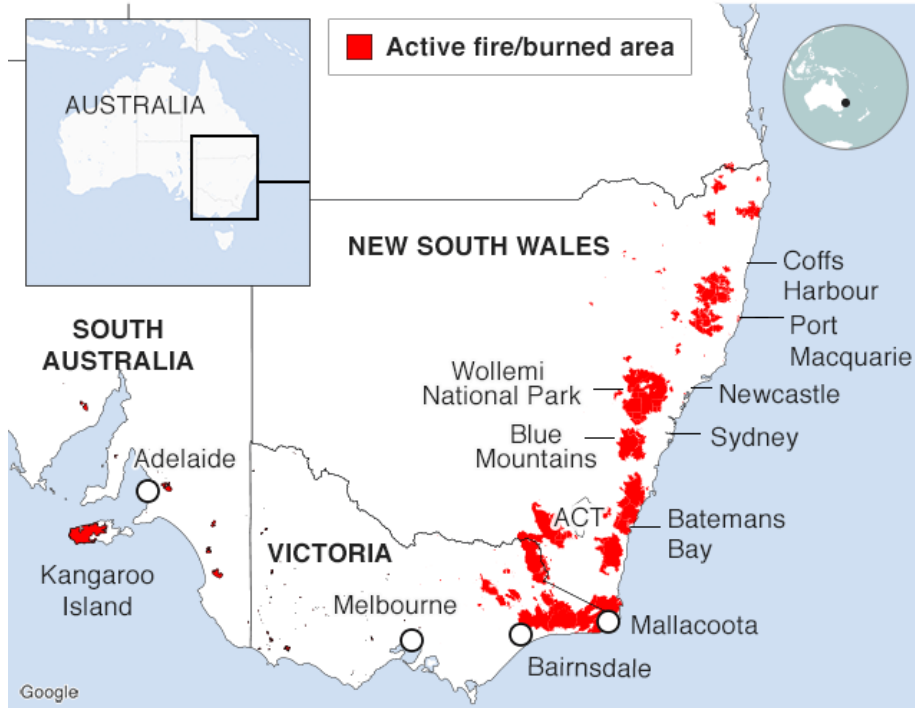

Leader Aproval Ratings

- Sorry! I don't know who submitted this one!

Kate's Graphs of Australian Fires

Note for the following, the top graph would be pretty hard to do, but the bottom graph would be pretty easy. R has a good interface with google maps and itwould probably be pretty easy to plot a circle to cover some area.
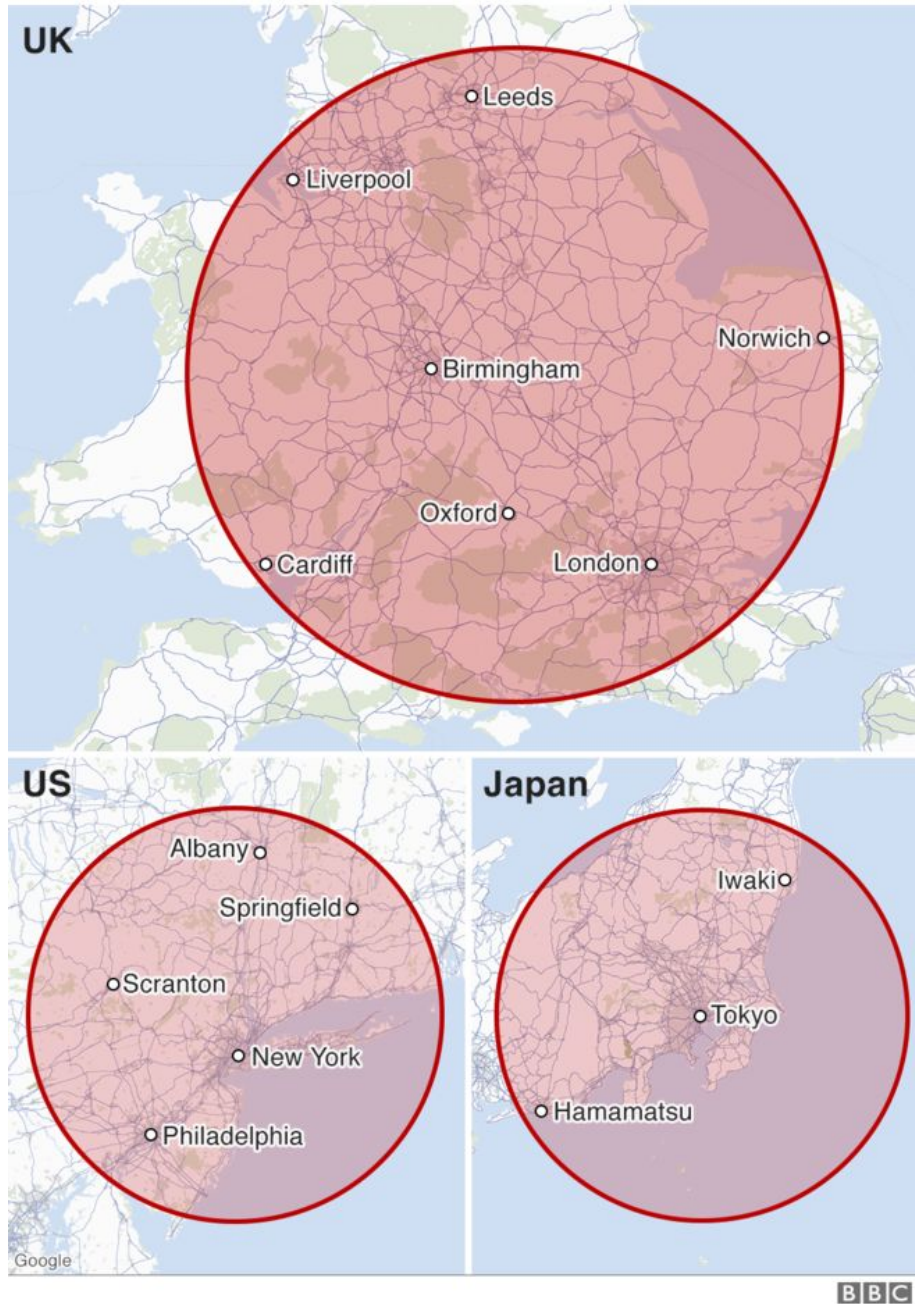
Major bushfires in Australia

Active fire/burned area

AUSTRALIA

NEW SOUTH WALES

Coffs Harbour

Port Macquarie

SOUTH AUSTRALIA

Wollemi National Park

Newcastle

Adelaide

Blue Mountains

Sydney

VICTORIA

Kangaroo Island

ACT

Batemans Bay

Melbourne

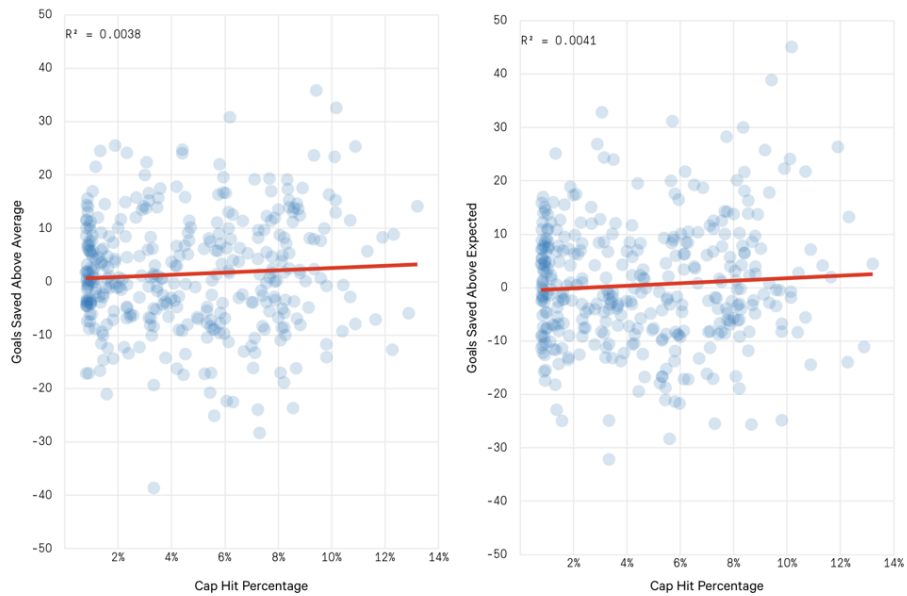Mallacoota

Bairnsdale

Google

BBC

How big are the Australian fires?

An estimated 10 million hectares (100,000 sq km) across
Australia since 1 July

Scott's Goalie Salary Graph

With goalies, you don't get what you pay for

Resources

1. GGthemes Package
2. R Graph Gallery