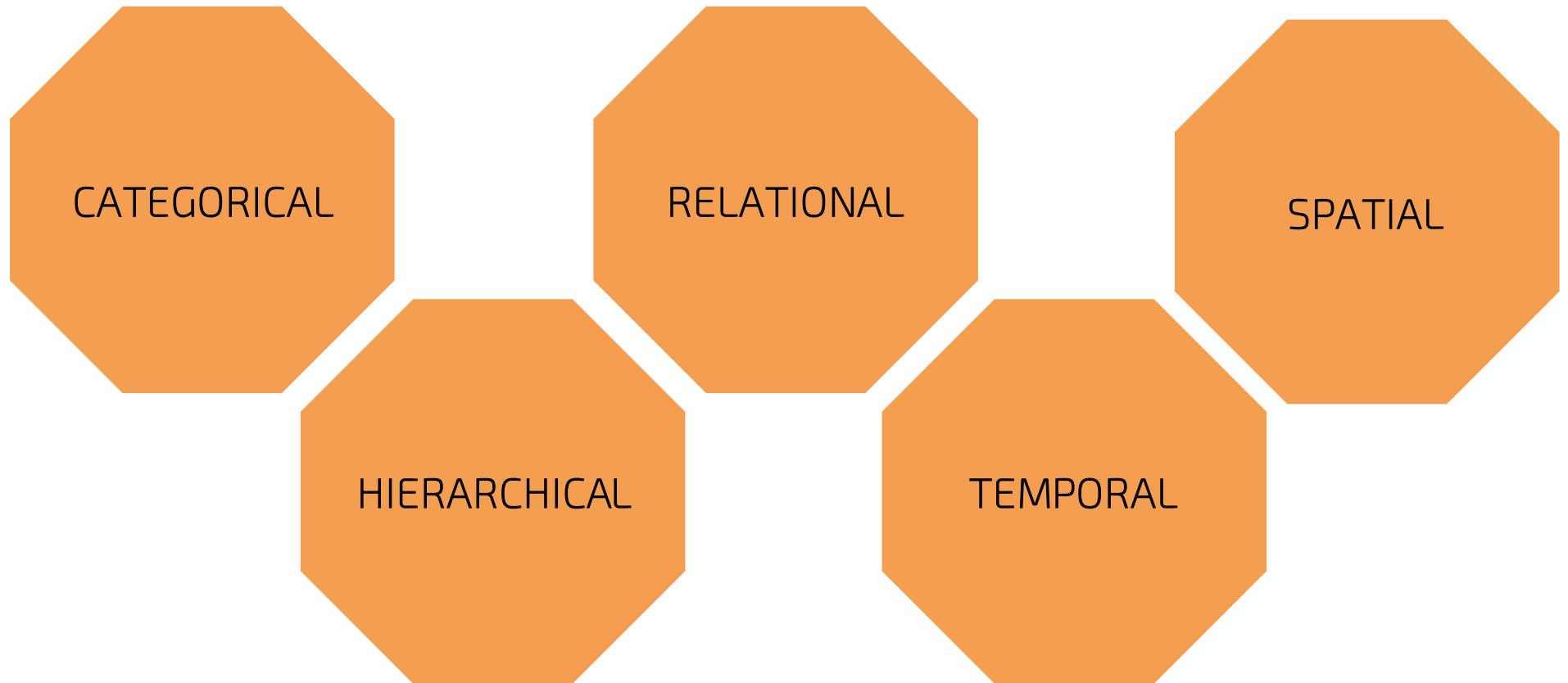


'Chart Type' gallery

Five classifying families: CHRTS





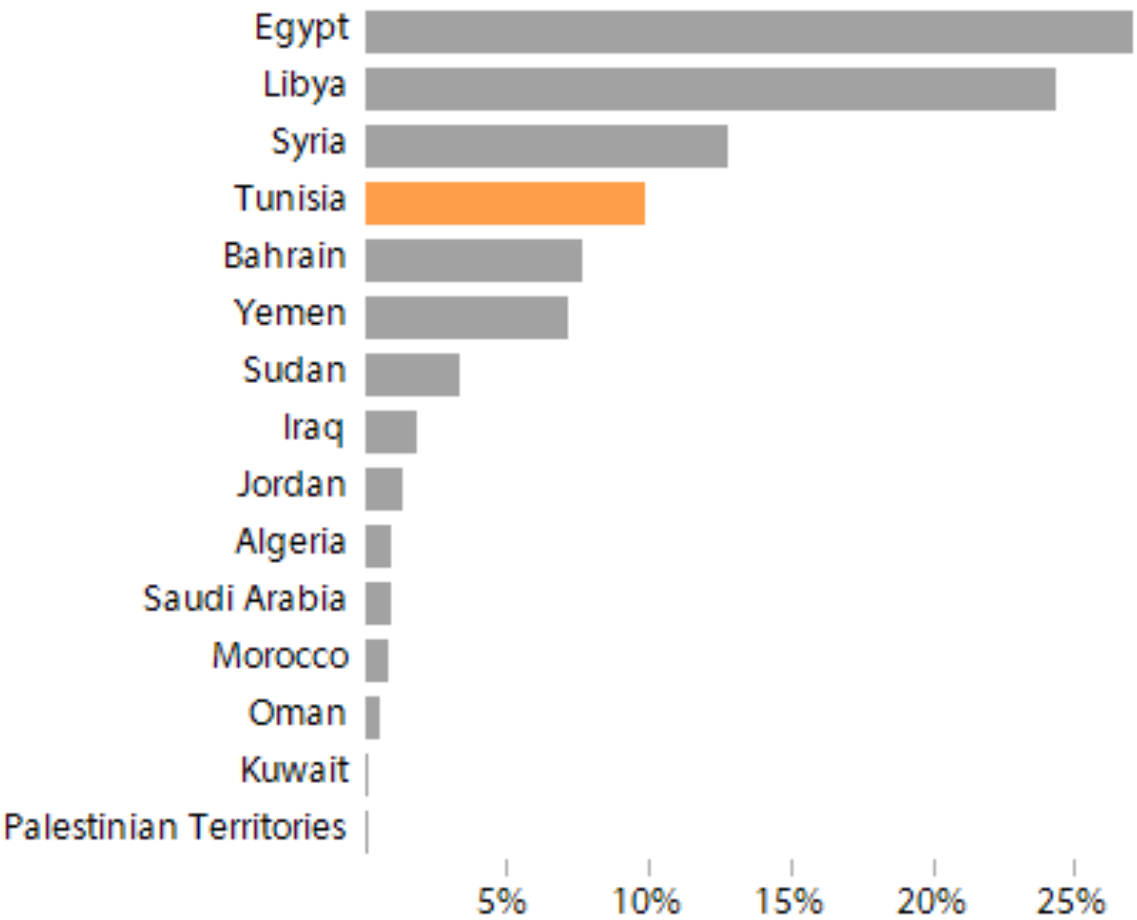
CATEGORICAL

Comparing categories and
distributions of quantitative values

COMPARING CATEGORICAL QUANTITIES

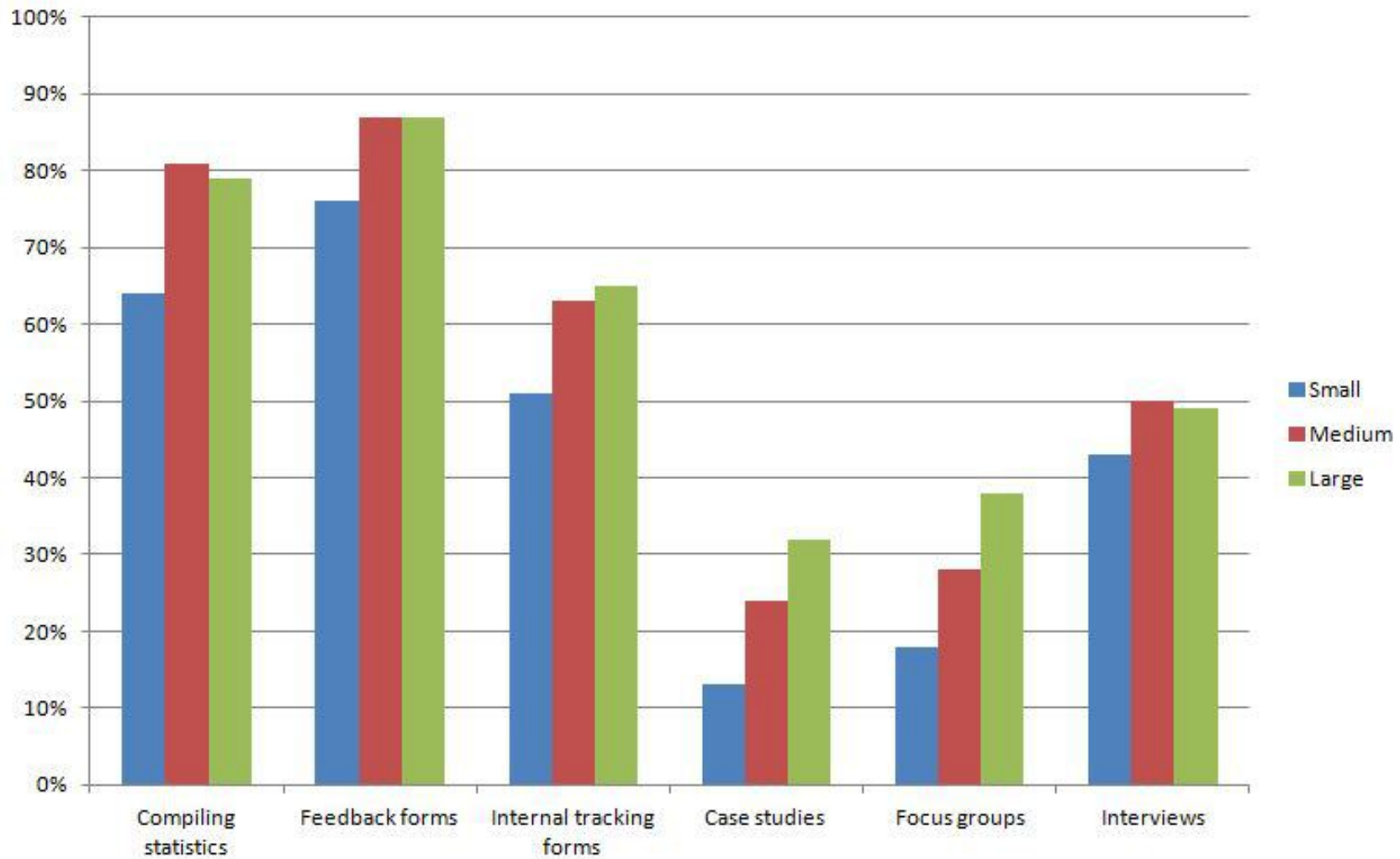
Bar Chart

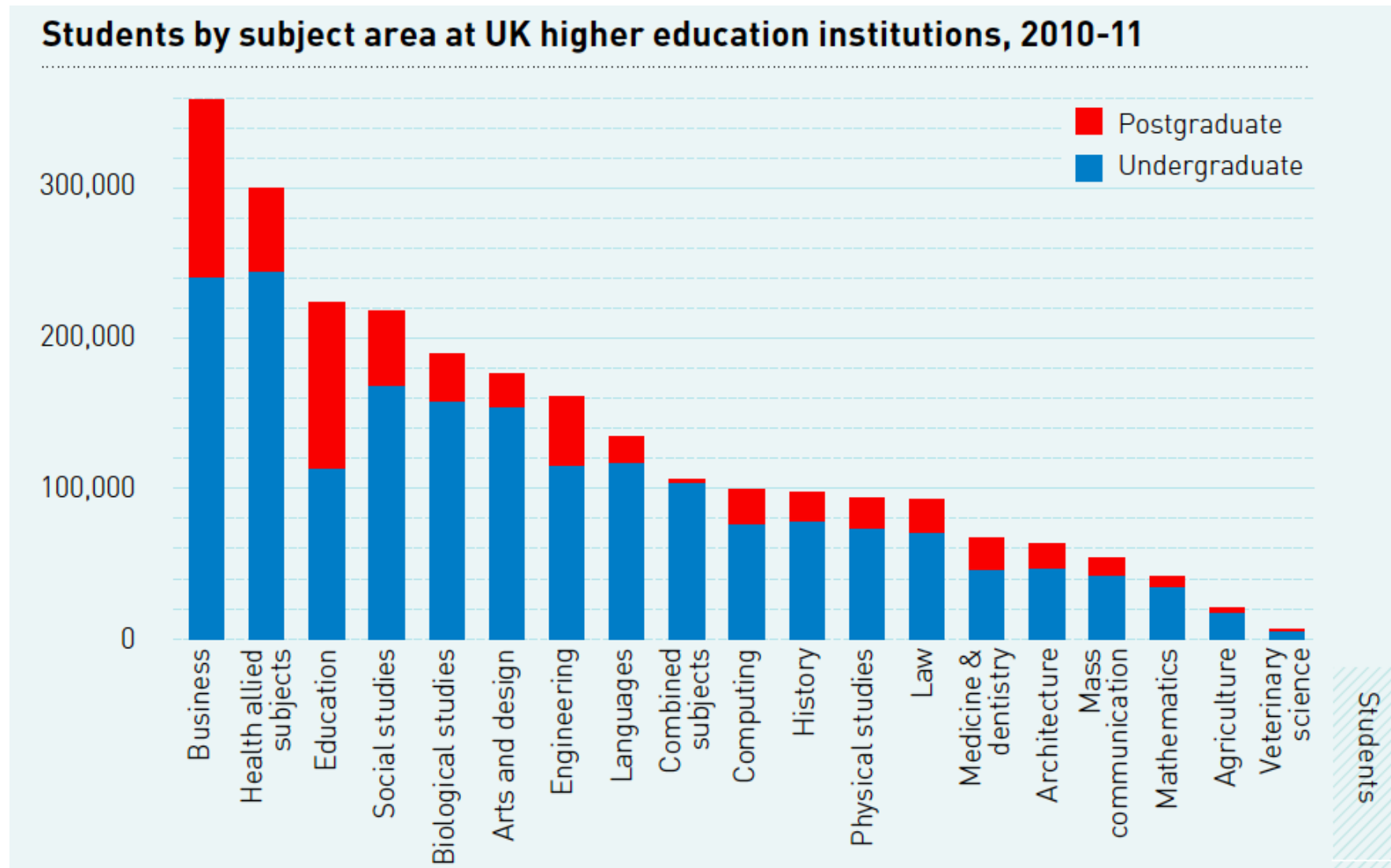
Line | Size, position, colour



Clustered Bar Chart

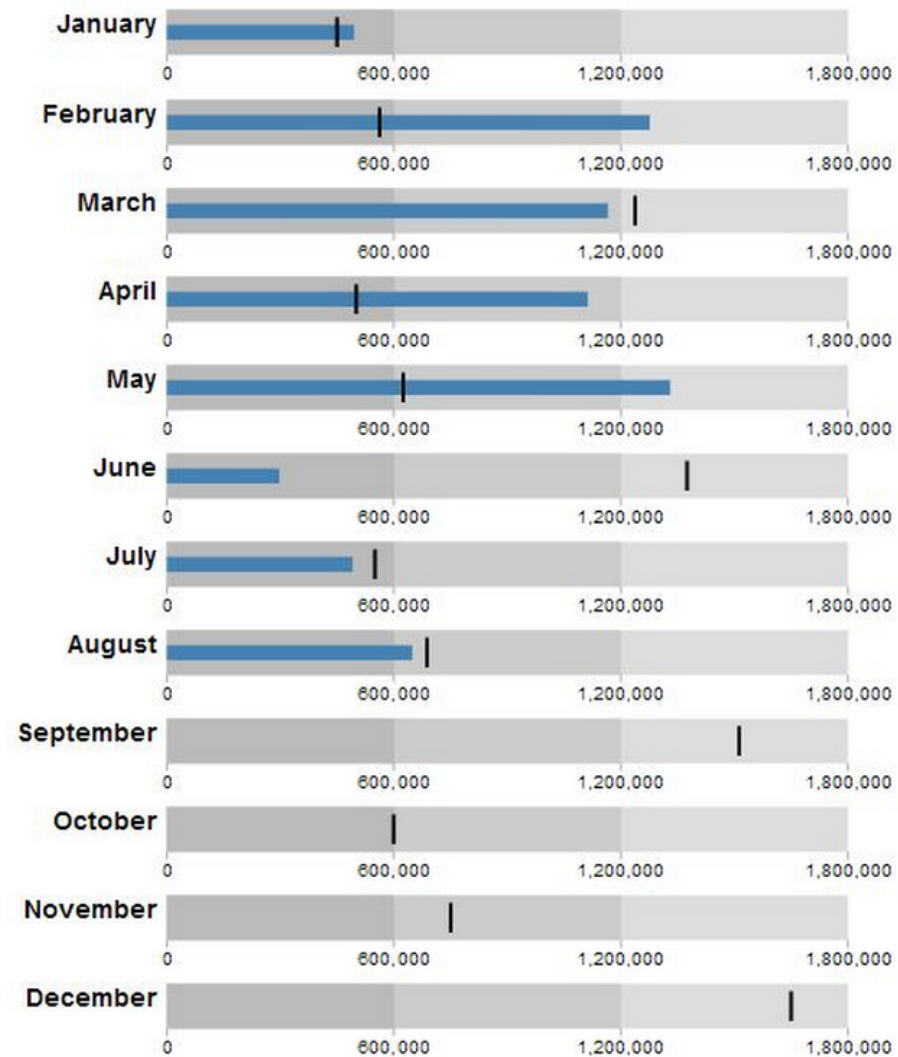
Line | Size, position, colour





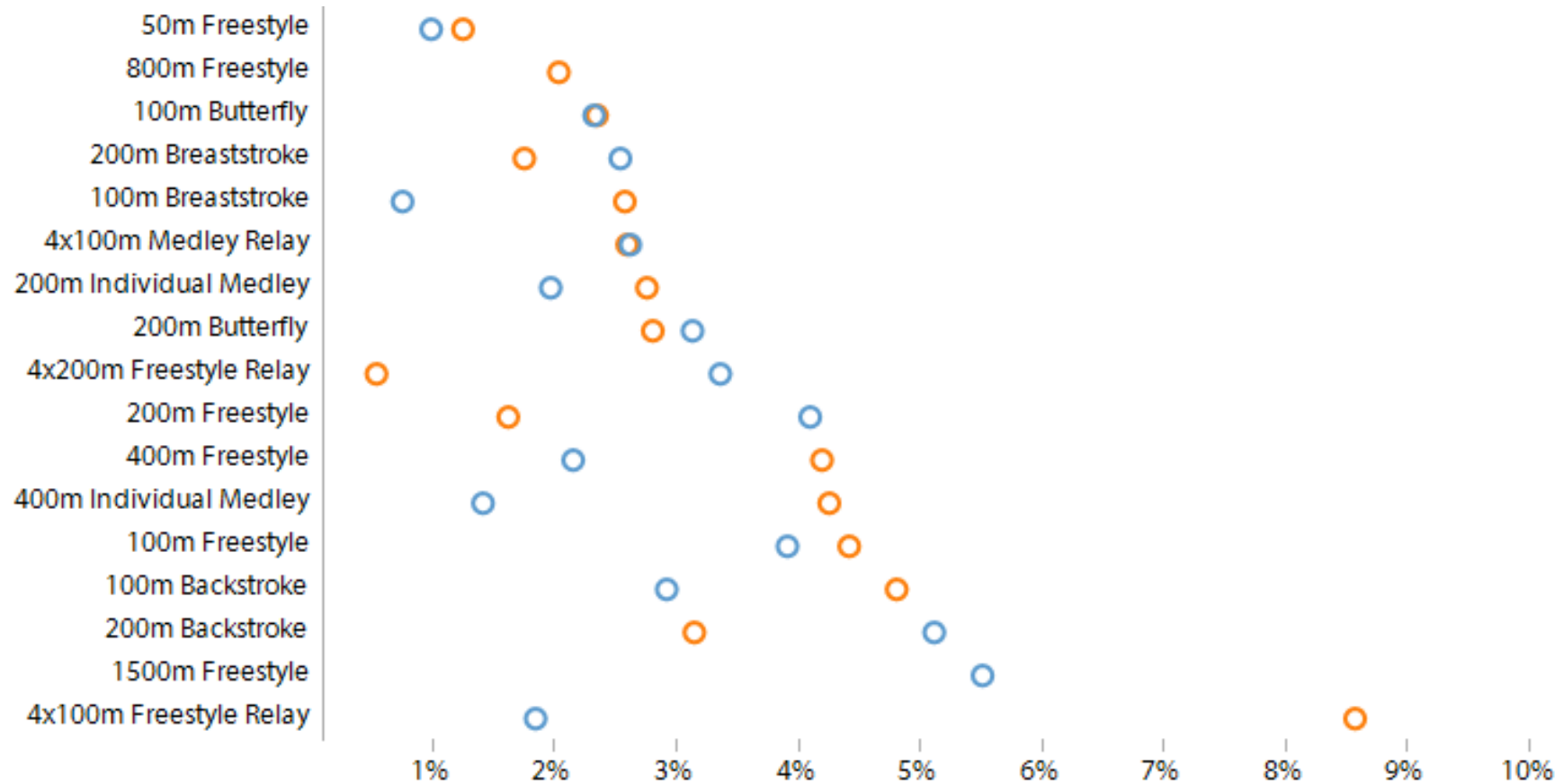
Bullet Chart

Line, point | Size, position, colour, saturation



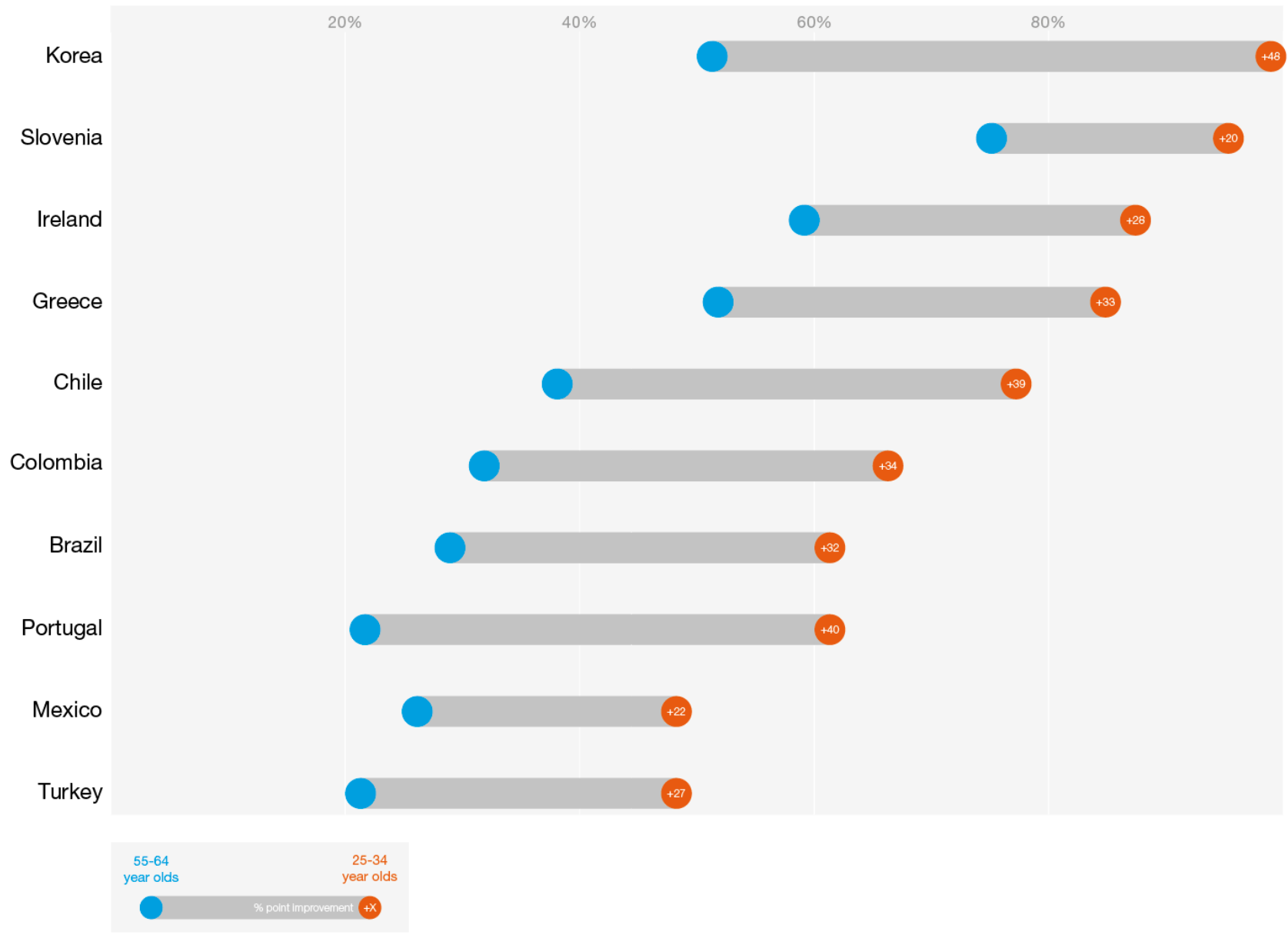
Dot Plot

Point | Position, position, colour

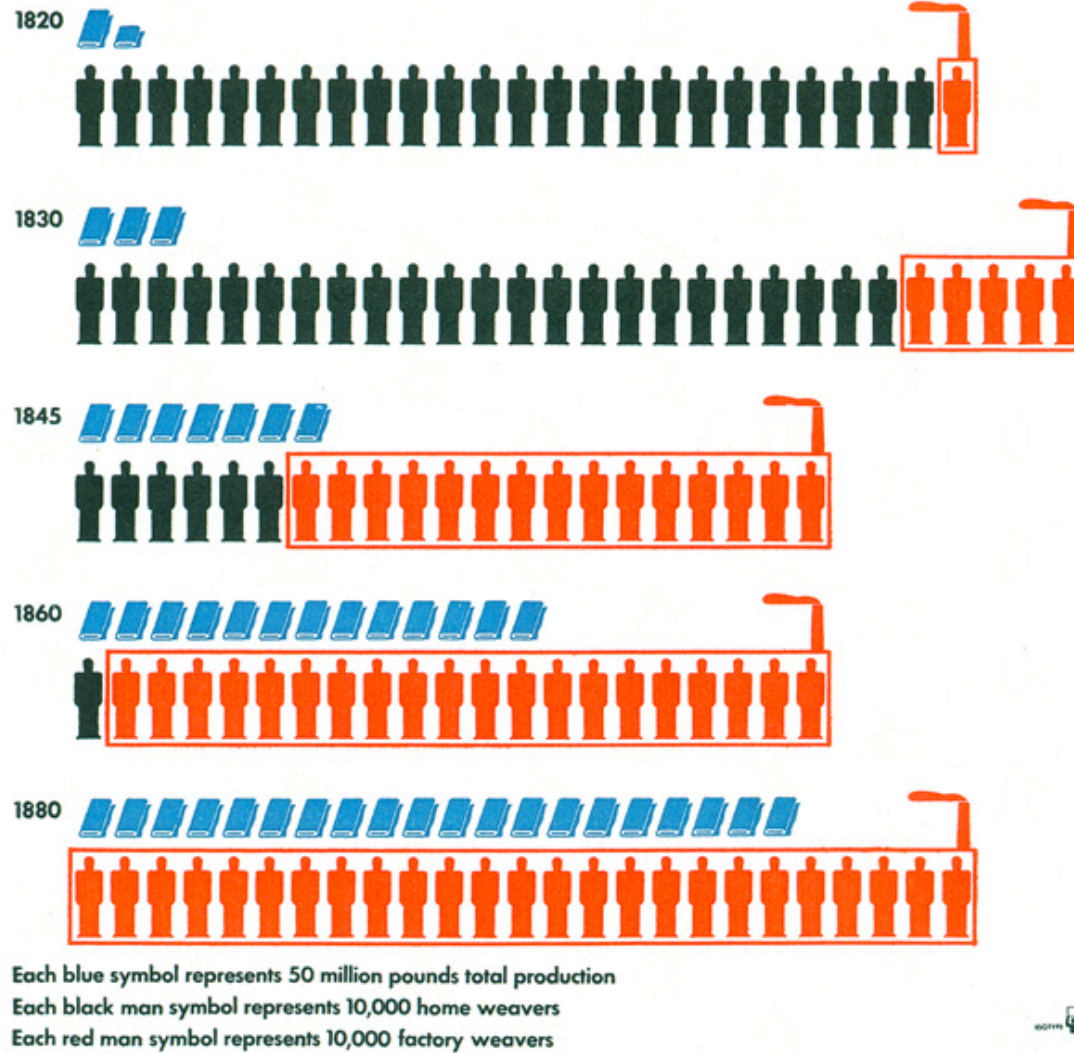


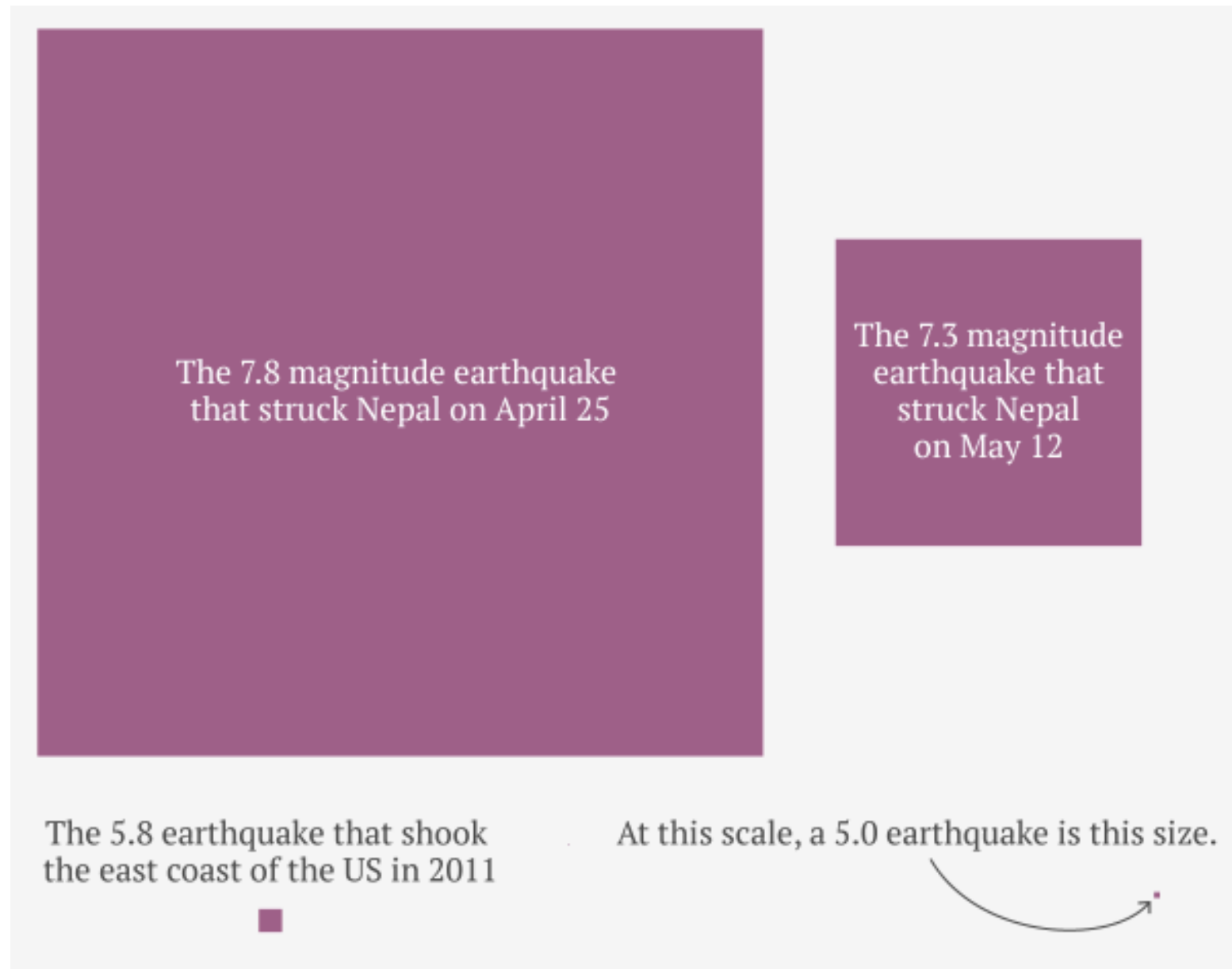
Connected Dot Plot

Point, line | Position, position, colour, size



Home and Factory Weaving in England

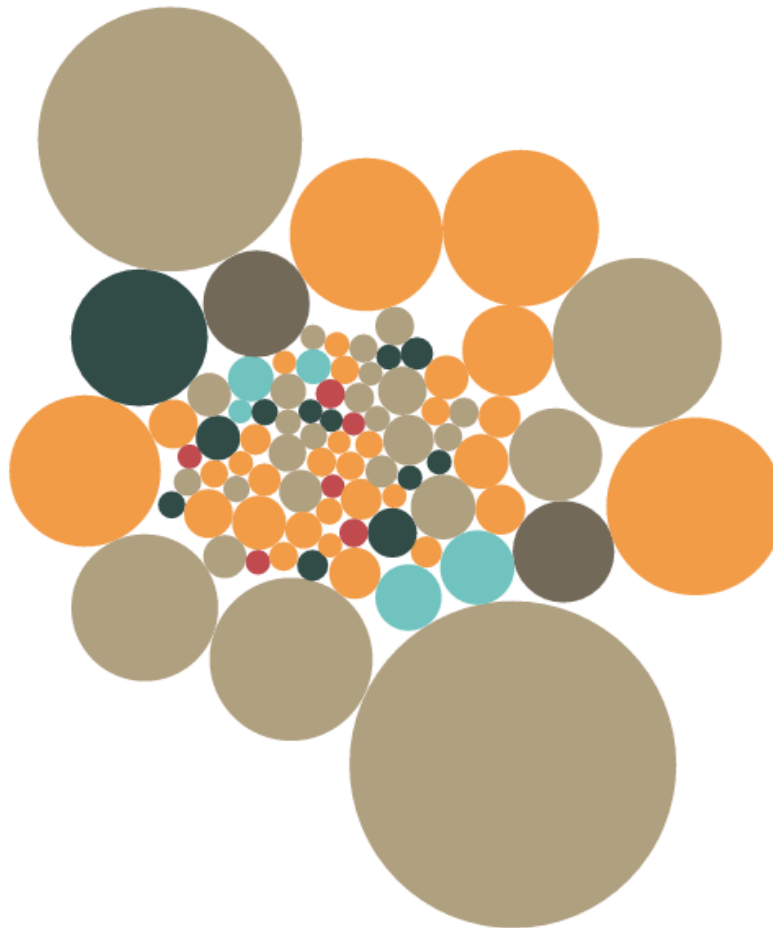


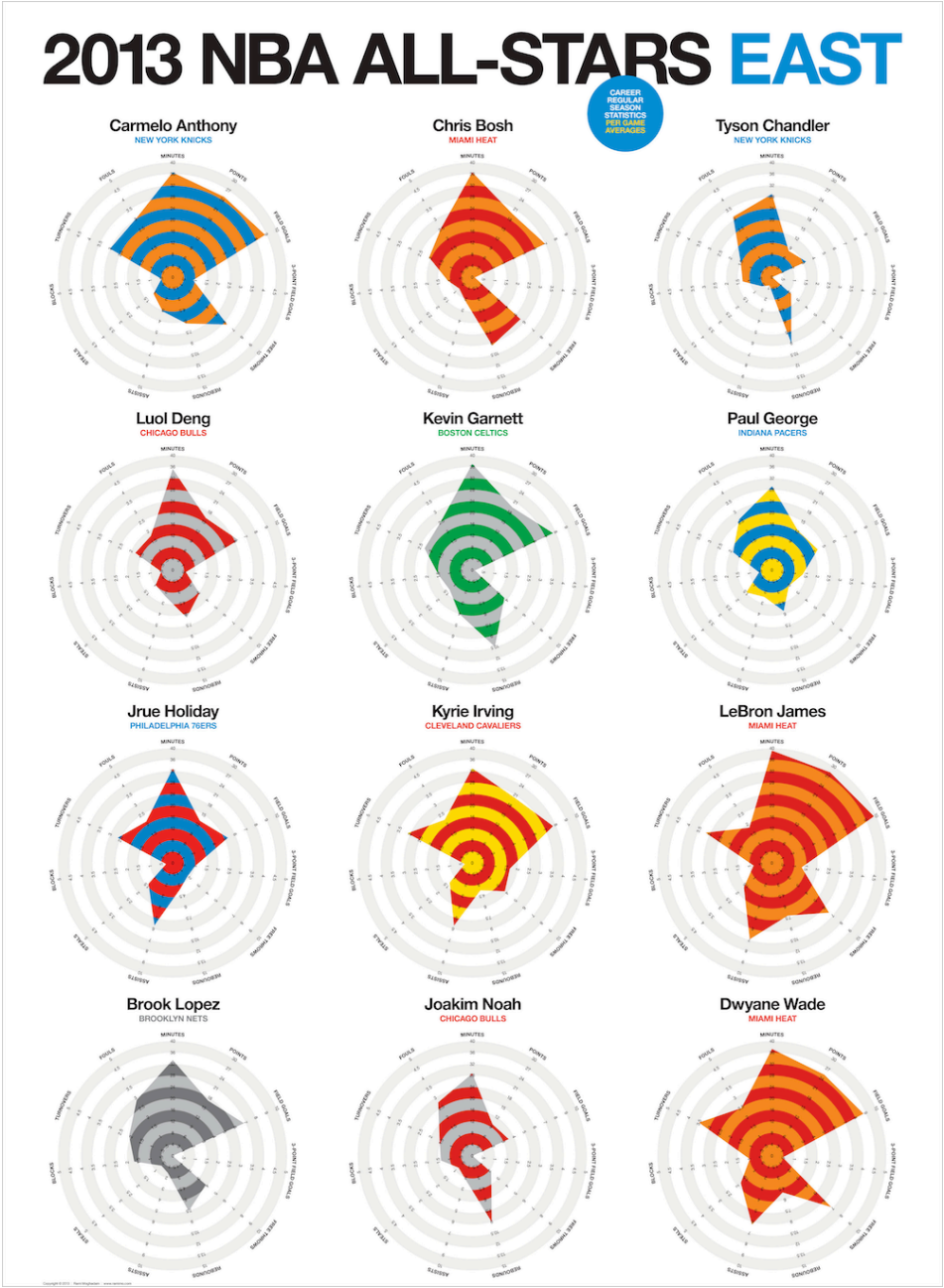


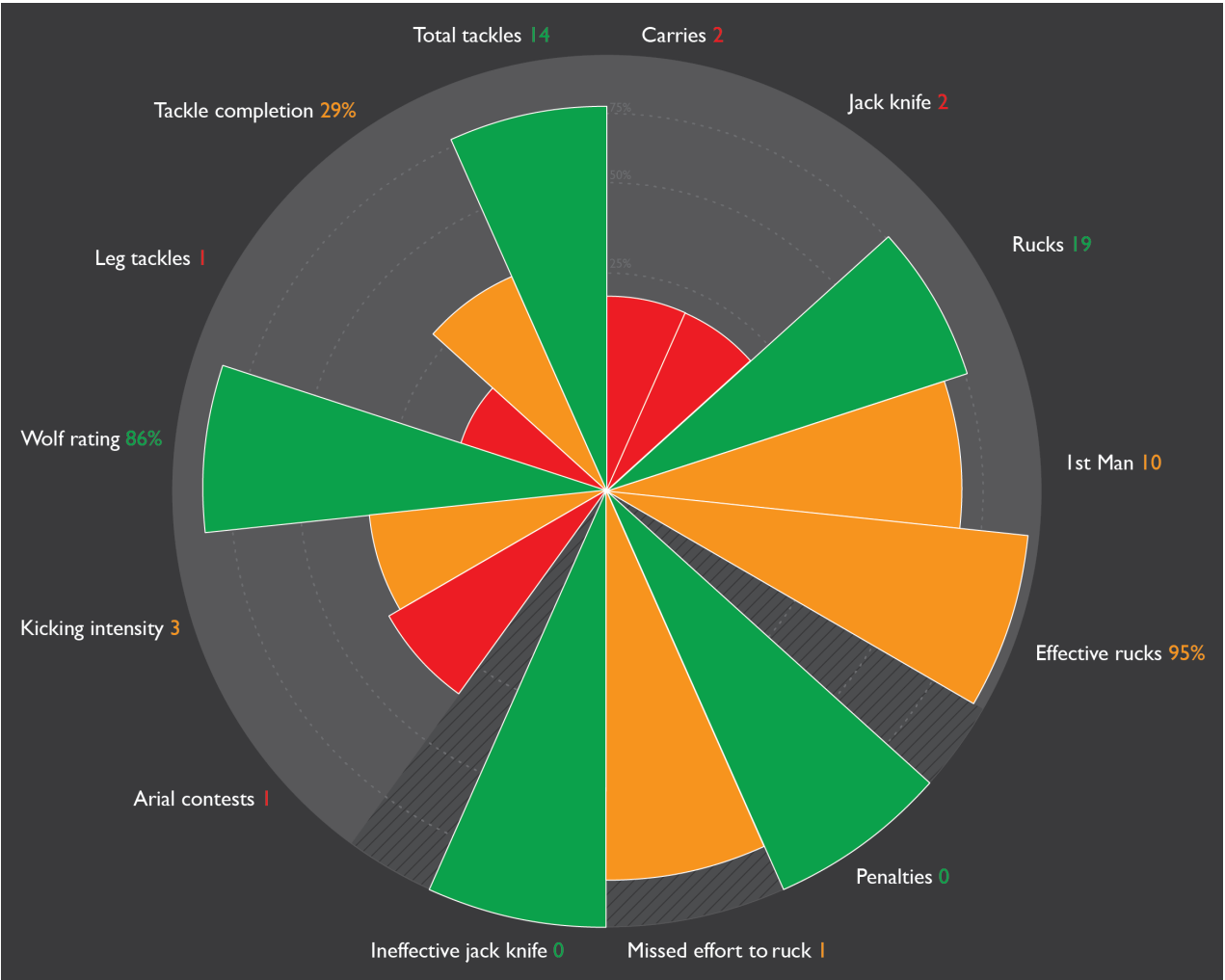
Bubble Chart

Area | Size, Colour

The 100 top viewed posts in the last 100 days. Select a bubble to see a preview below.



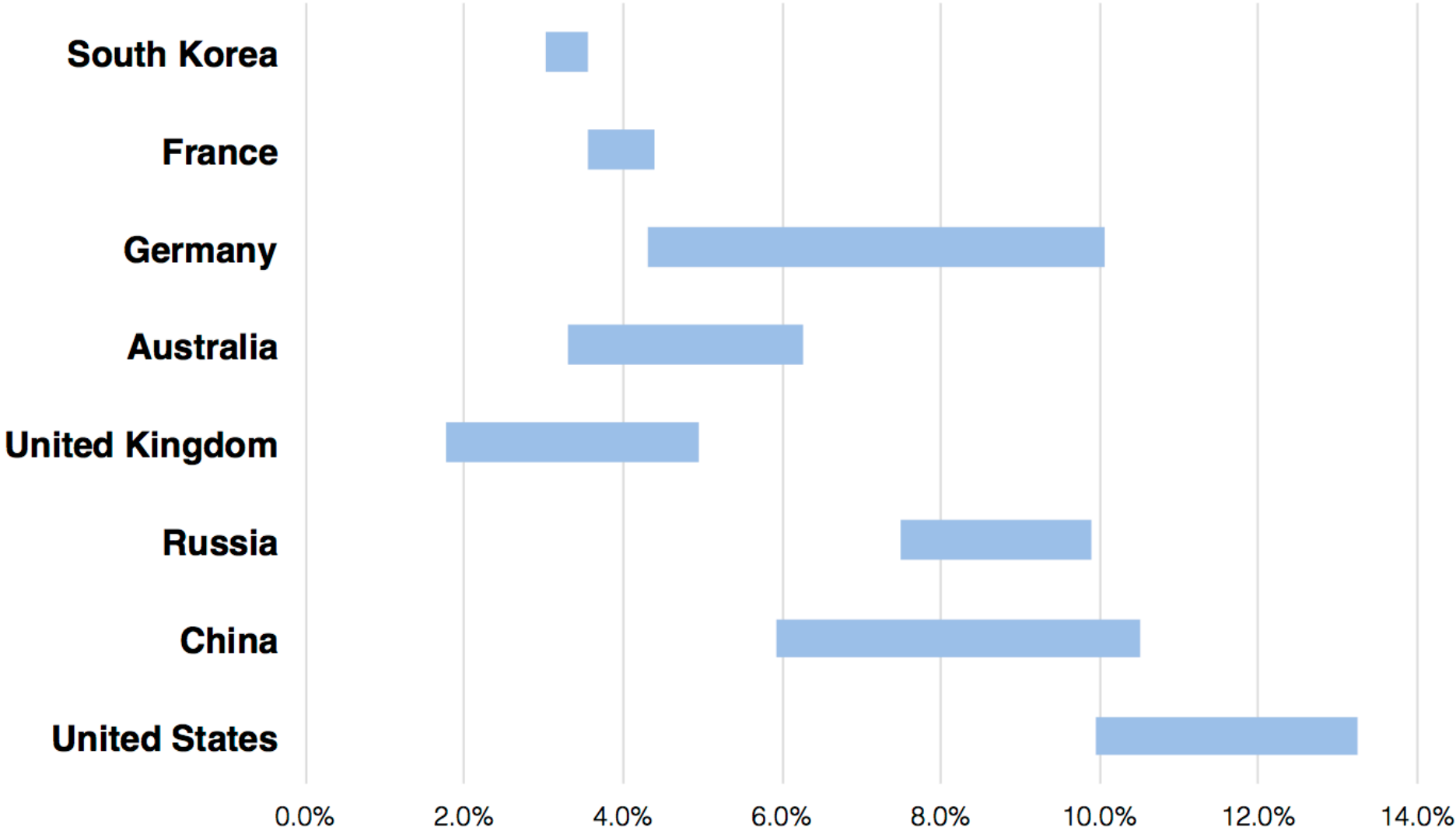




SHOWING DISTRIBUTION &
FREQUENCY OF QUANTITIES

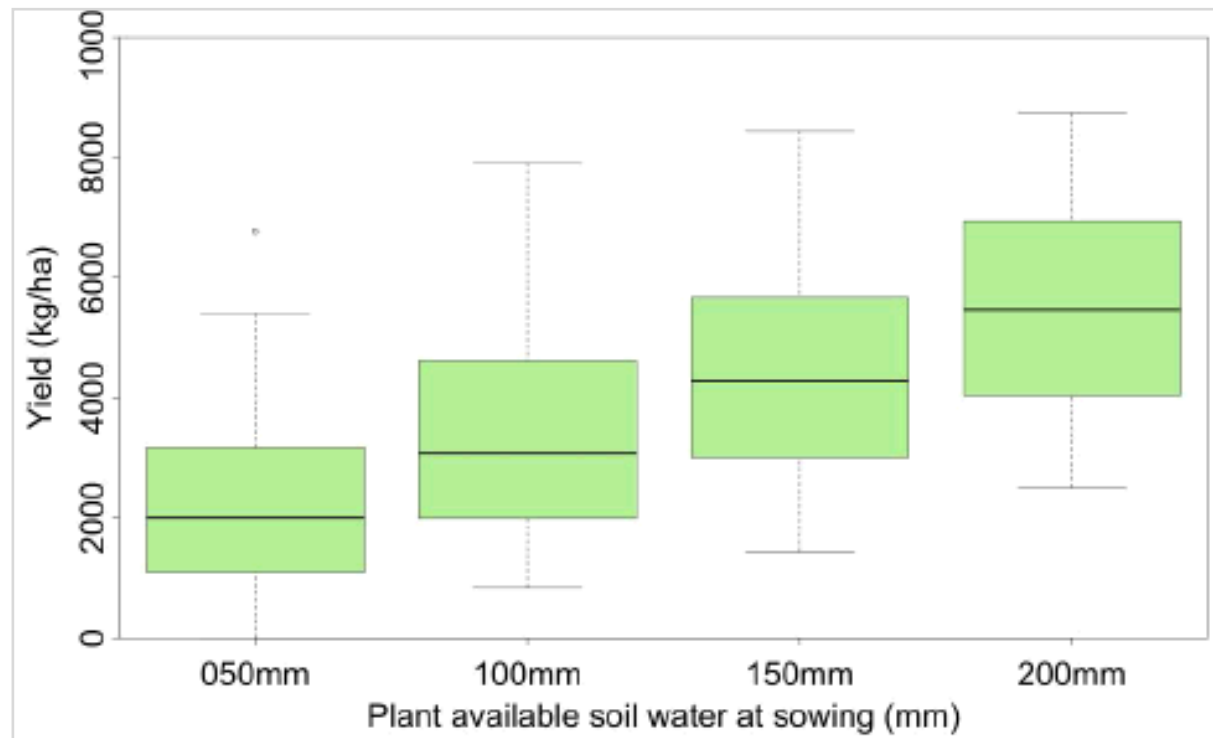
Range Chart

Line | Position, size, position



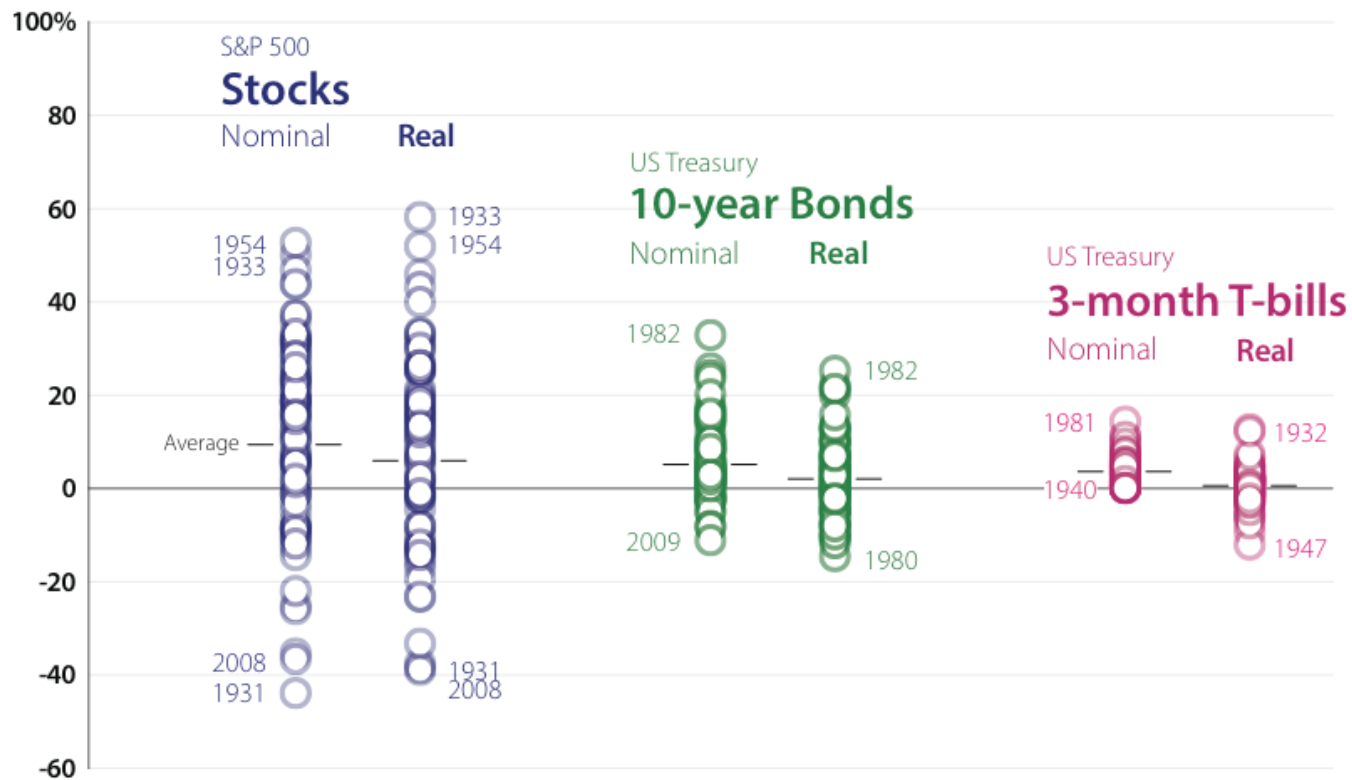
Box-and-Whisker Plot

Point, Line | Position, size



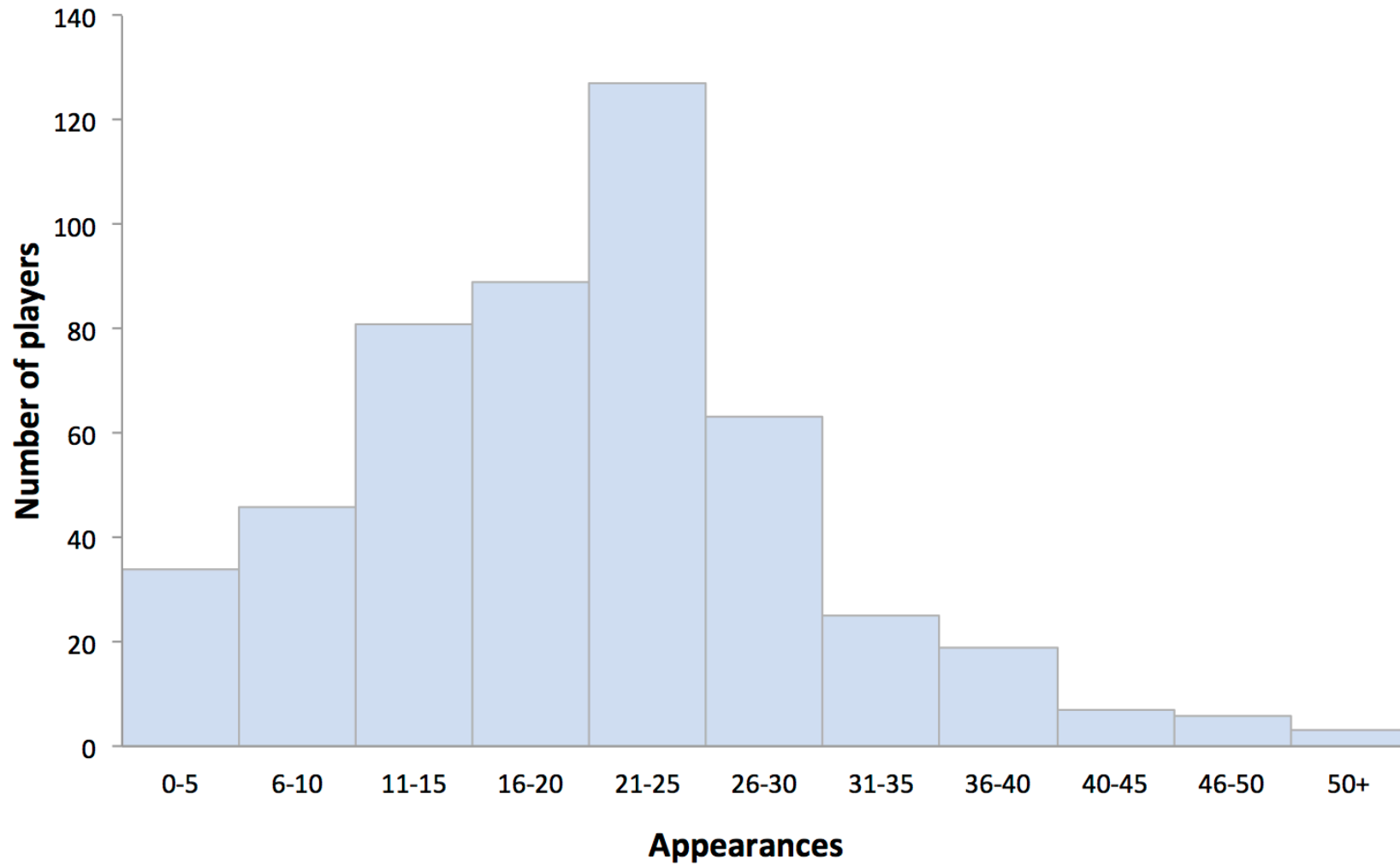
Jitter Plot

Point | Position, colour



Histogram

Area | Size, position





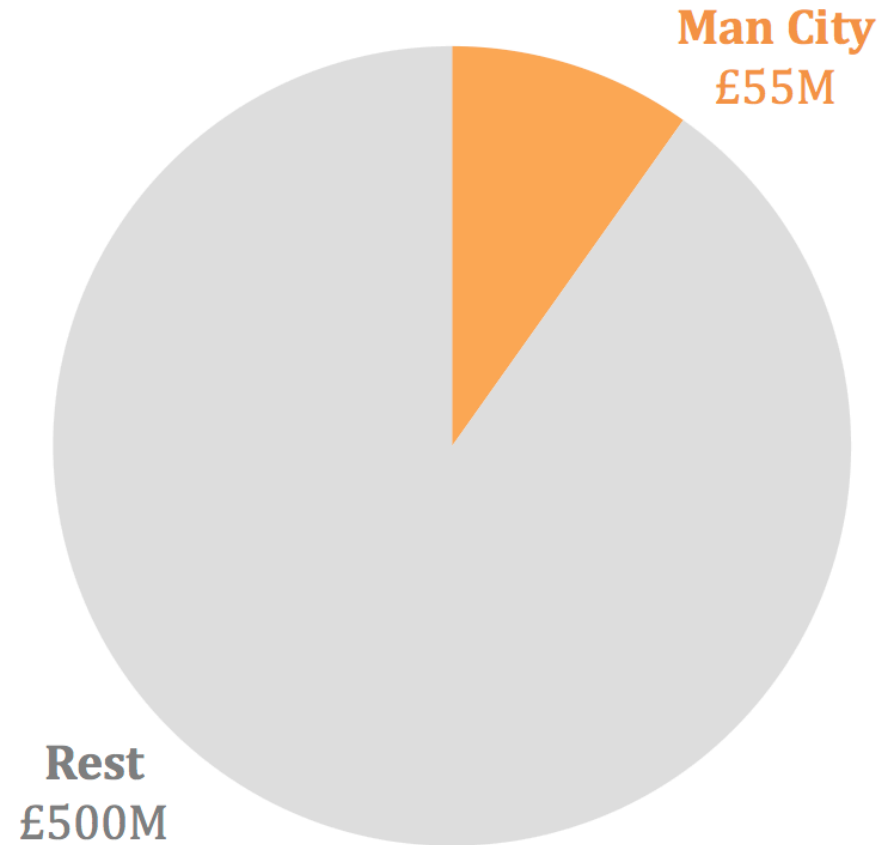


HIERARCHICAL

Charting part-to-whole
relationships and hierarchies

COMPARING PART-TO-WHOLE RELATIONSHIPS

League Within a League: Total Transfer Spend, Premier League 2012



Donut Chart

Area | Size, colour

Costs on the ground

Katine project running costs

Admin support and running costs **£58k**

Operational costs **£67k**

Technical support
(from Amref HQ, Nairobi) **£23k**

Governance (community empowerment)

Training
(eg rights and development;
radio programmes) **£30k**

Equipment
(eg bicycles for parish
development counsellors;
radio hub) **£33k**

Livelihoods

Inputs
(eg seeds, veterinary drugs and
farming equipment) **£29k**

Training
(eg farming methods; business/
marketing skills) **£53k**

Facilities
(eg farmers' produce store;
money safe) **£40k**

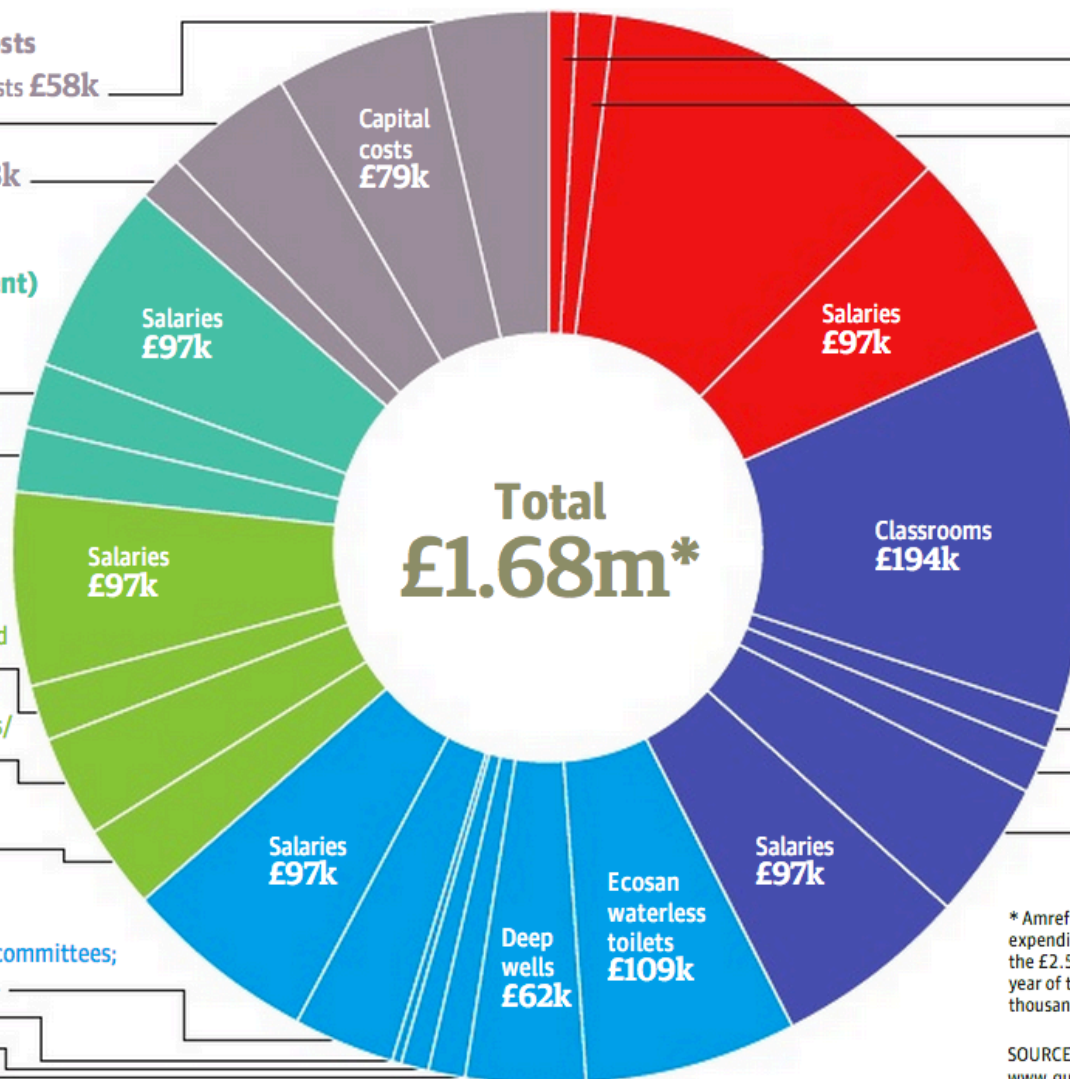
Water and sanitation

Training (eg water sanitation committees;
hand pump mechanics) **£52k**

Rain water jars **£6k**

School water tanks **£14k**

Shallow wells **£17k**

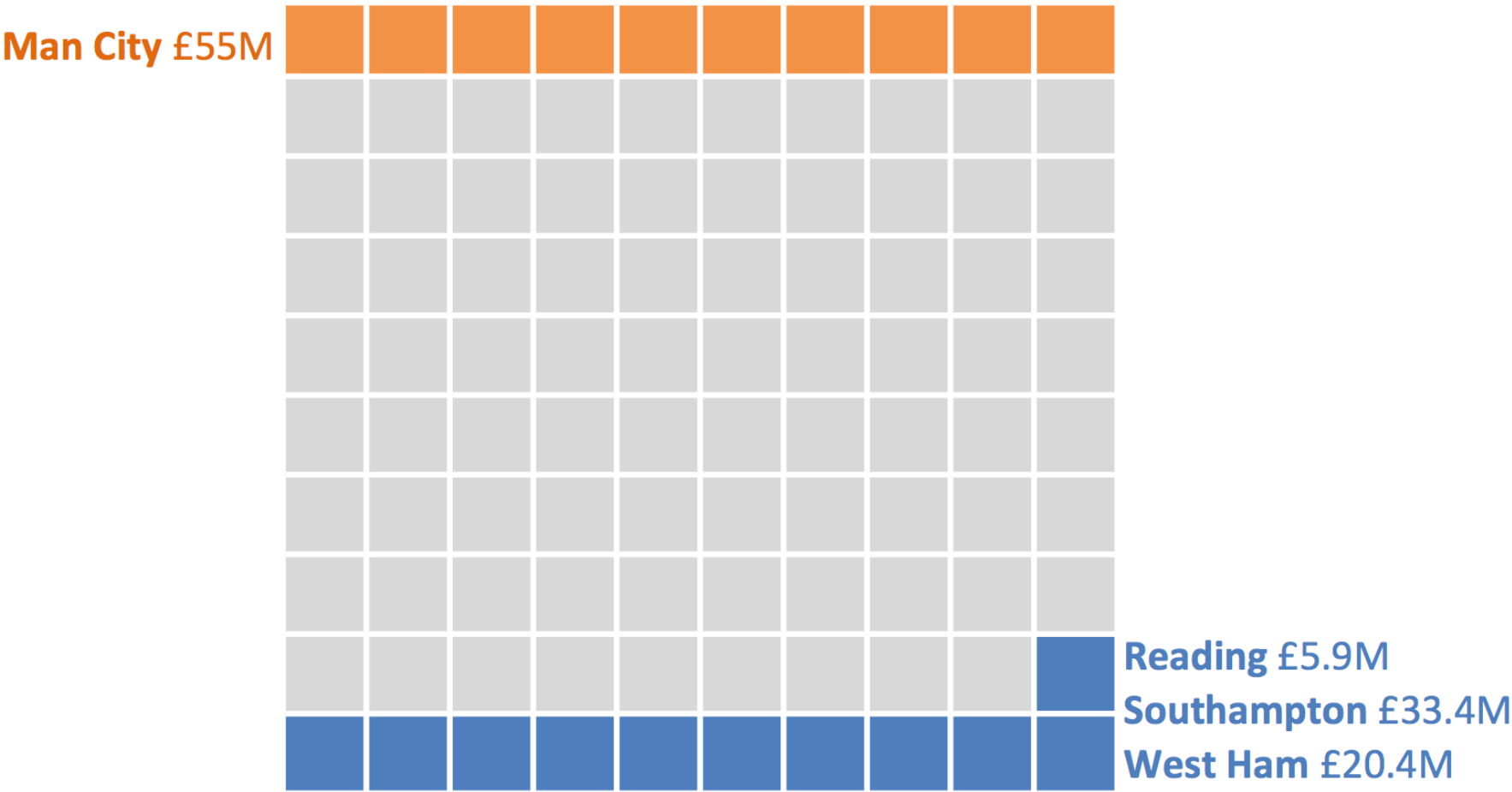


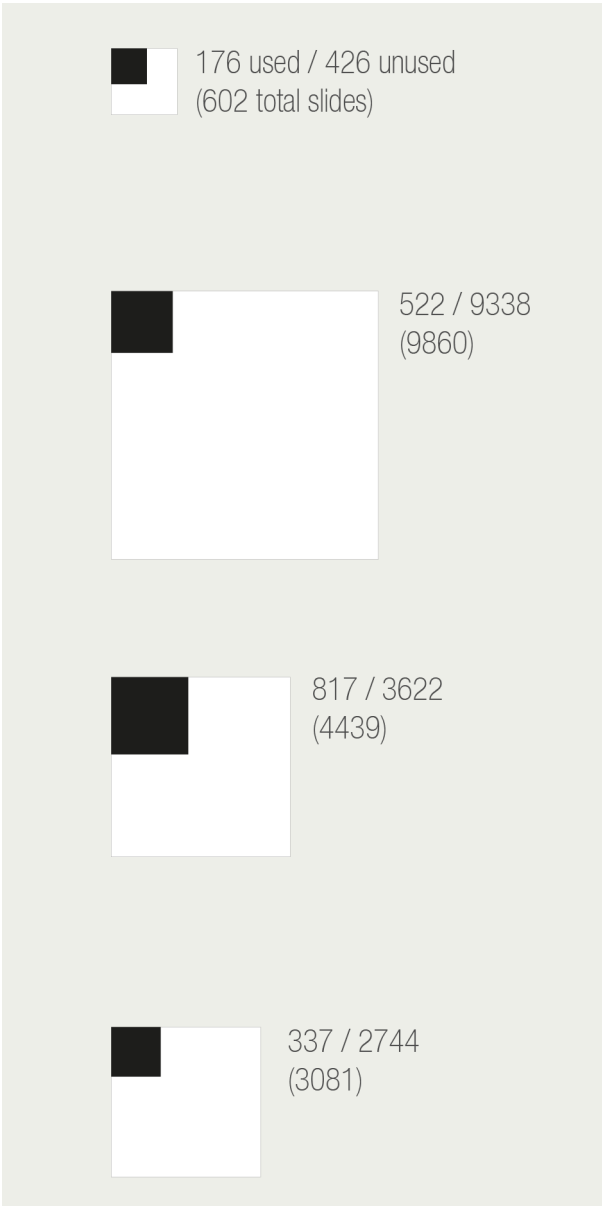
* Amref's 2010 annual report will include remaining expenditure in September 2010. Any surplus from the £2.5m raised will be carried over to the fourth year of the project. All figures are to the nearest thousand (£)

SOURCE: AMREF - For more budget information see www.guardian.co.uk/katine



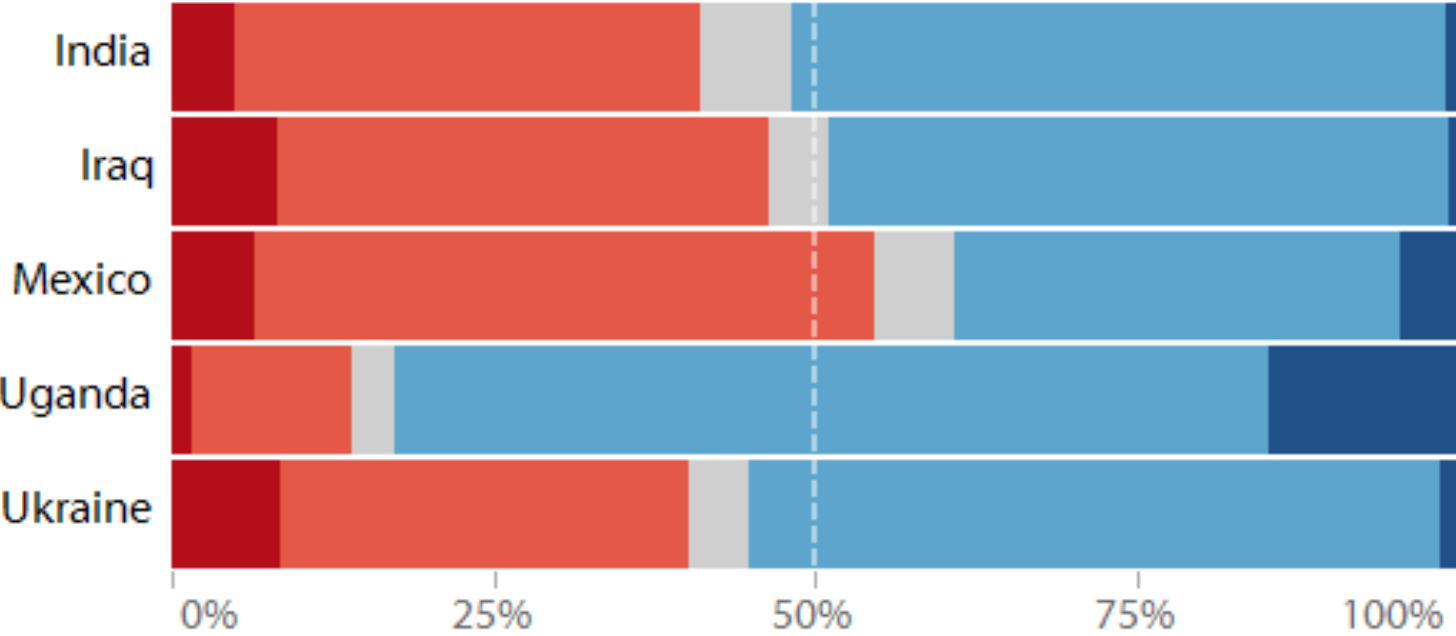
Champions vs. Promoted Teams: Total Transfer Spend, Premier League 2012

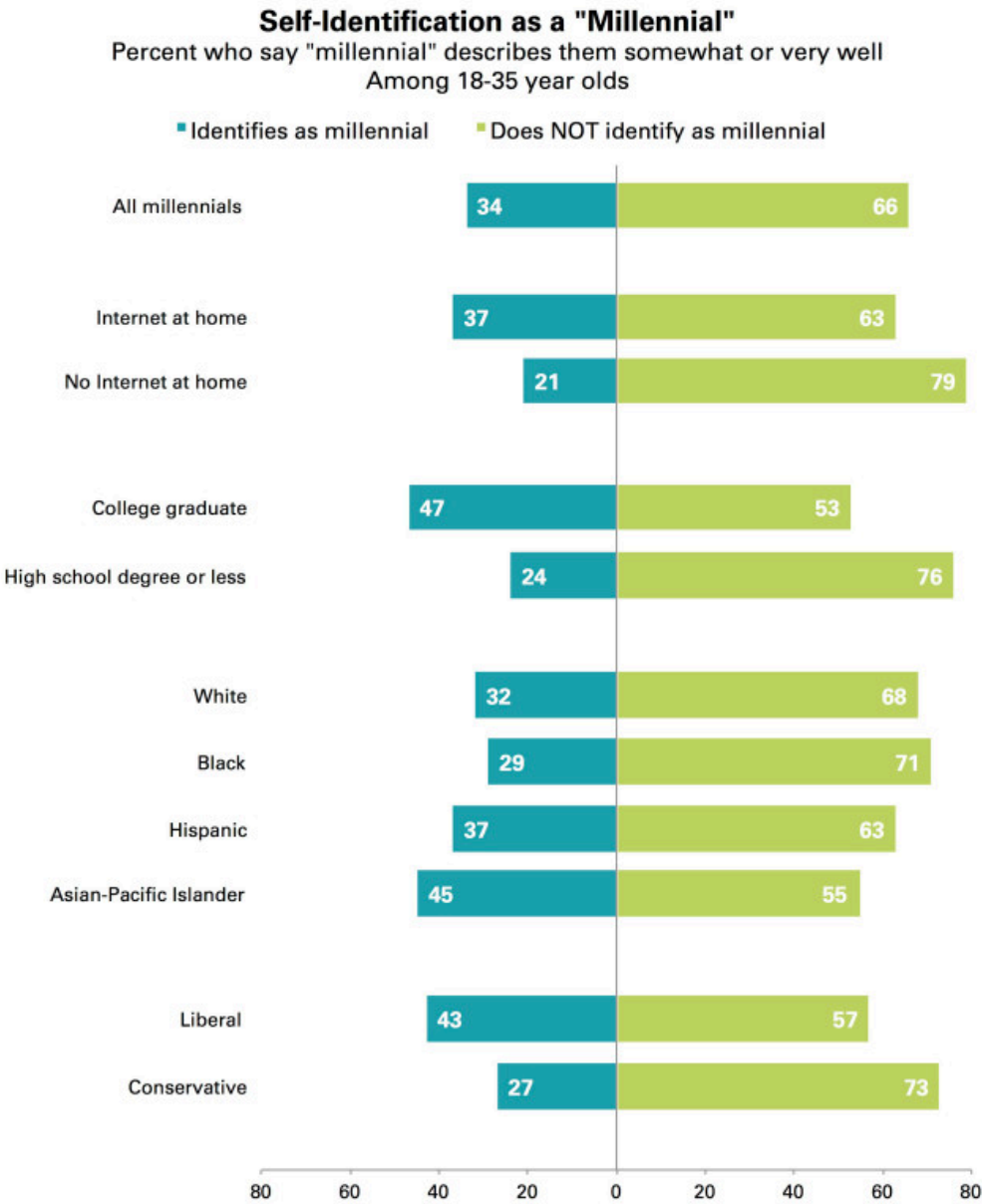




Stacked Bar Chart (%)

Line | Size, colour

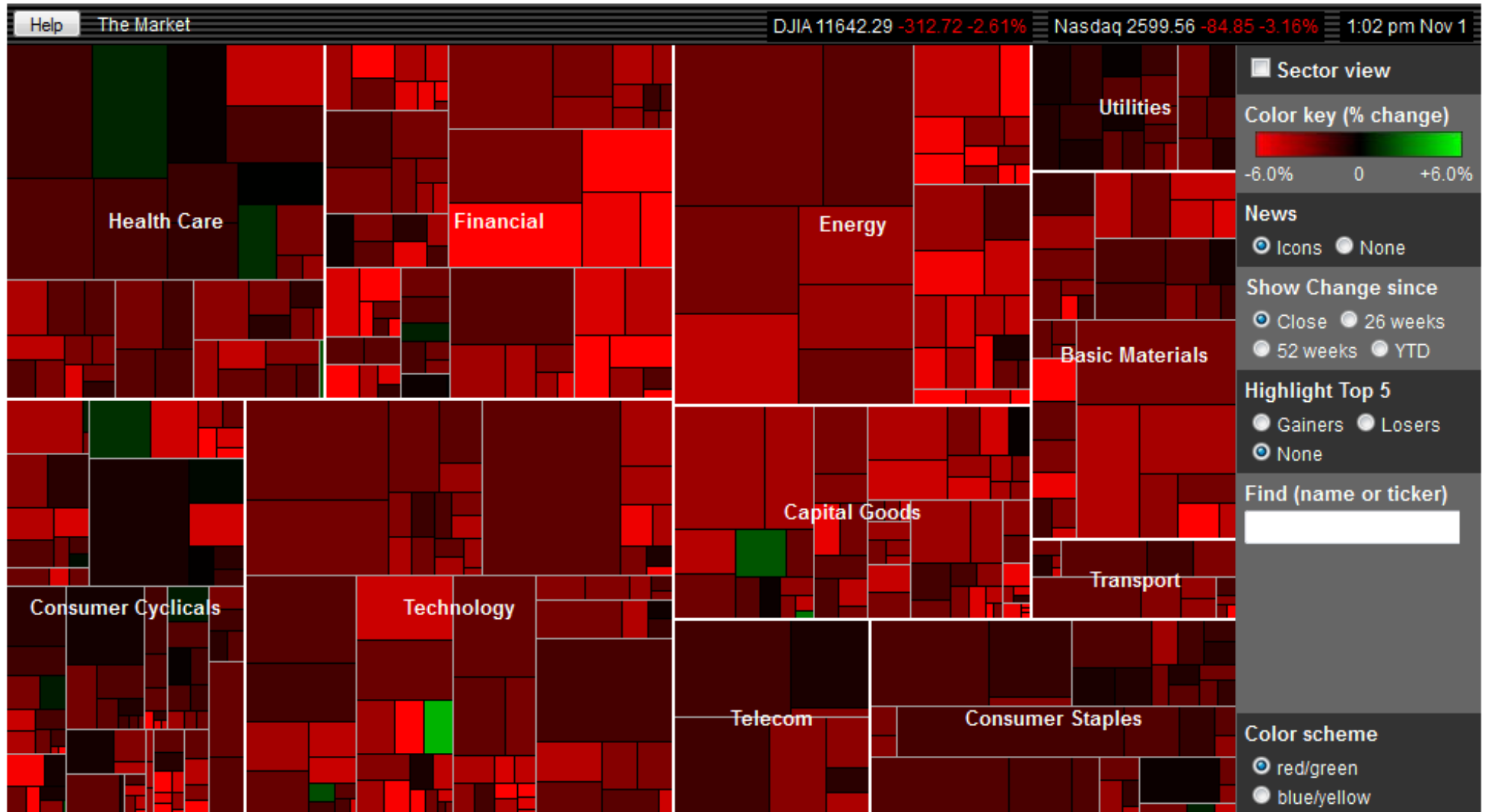


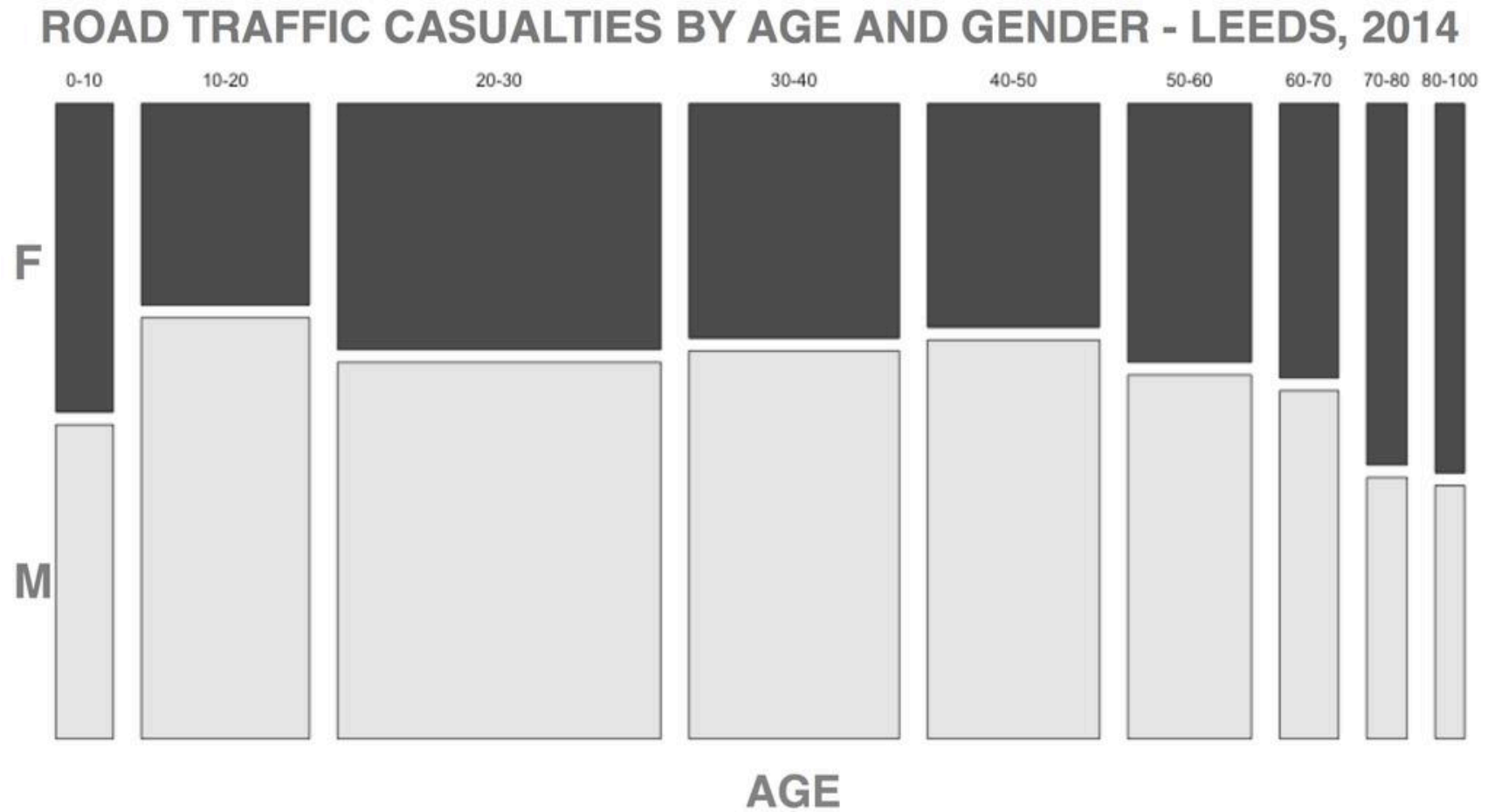


Source: PRRI, Millennials, Sexuality and Reproductive Health Survey, March 2015.



Map of the Market

SmartMoneySelectUpgrade [here](#) to access the **Market Map 1000** and search 1,000 companies with enhanced capabilities.



Four Ways to Slice Obama's 2013 Budget Proposal

Explore every nook and cranny of President Obama's federal budget proposal.

All Spending

Types of Spending

Changes

Department Totals

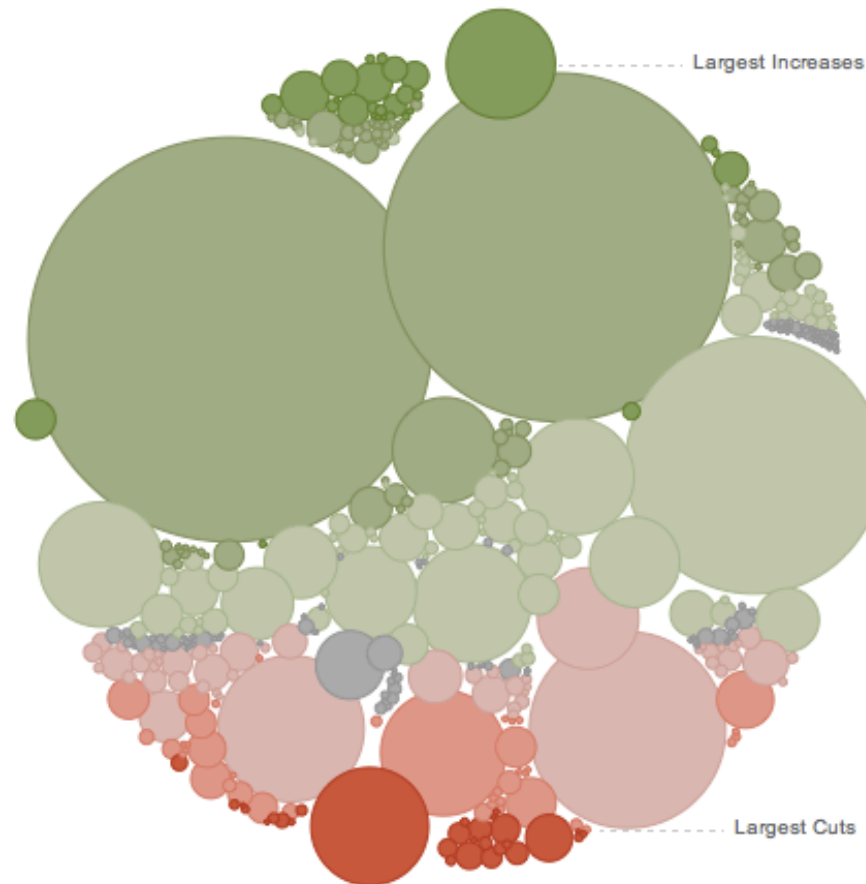
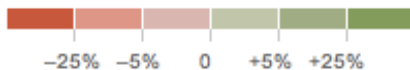
How \$3.7 Trillion Is Spent

Mr. Obama's budget proposal includes \$3.7 trillion in spending in 2013, and forecasts a \$901 billion deficit.

Circles are sized according to the proposed spending.



Color shows amount of cut or increase from 2012.



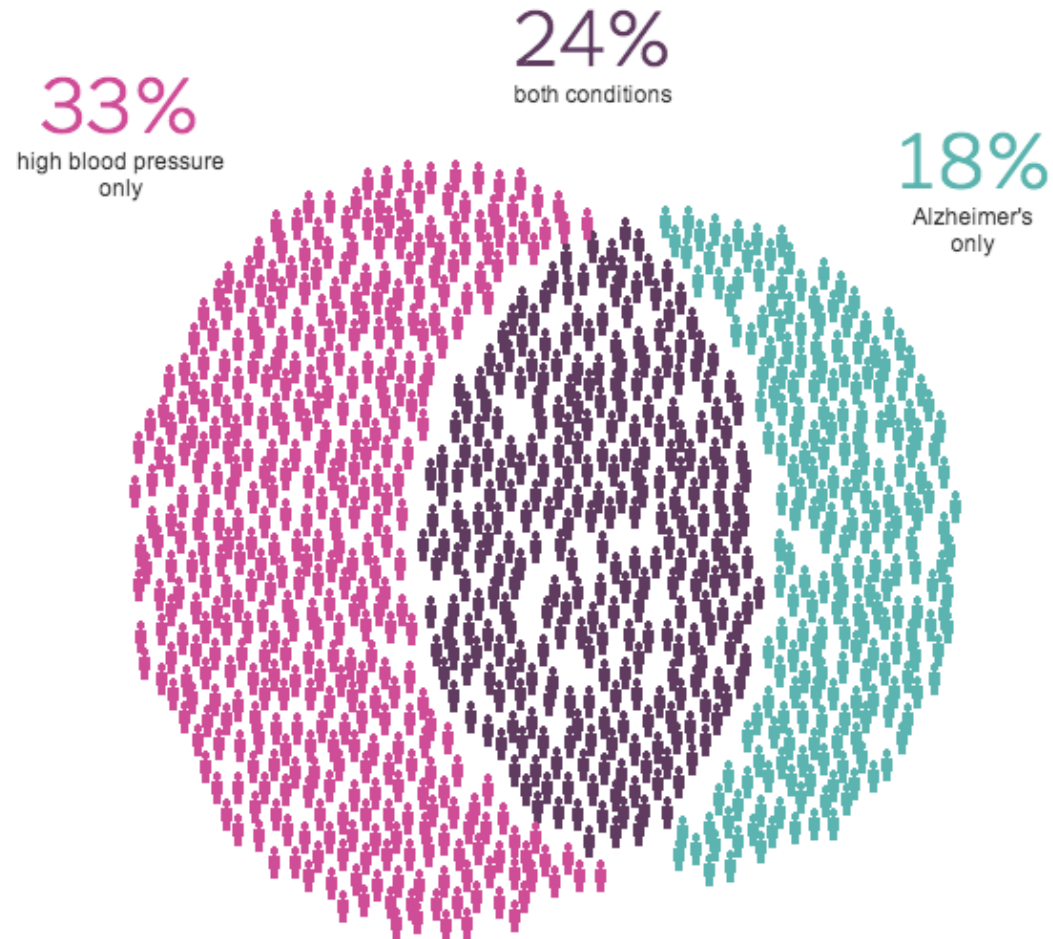
The proposal forecasts a \$901 billion deficit.

For the Elderly, Diseases That Overlap

1 2 3 4 5 6 7 NEXT »

Multiple conditions are common in residents of assisted-living centers. Select any two conditions to see how often they overlap.

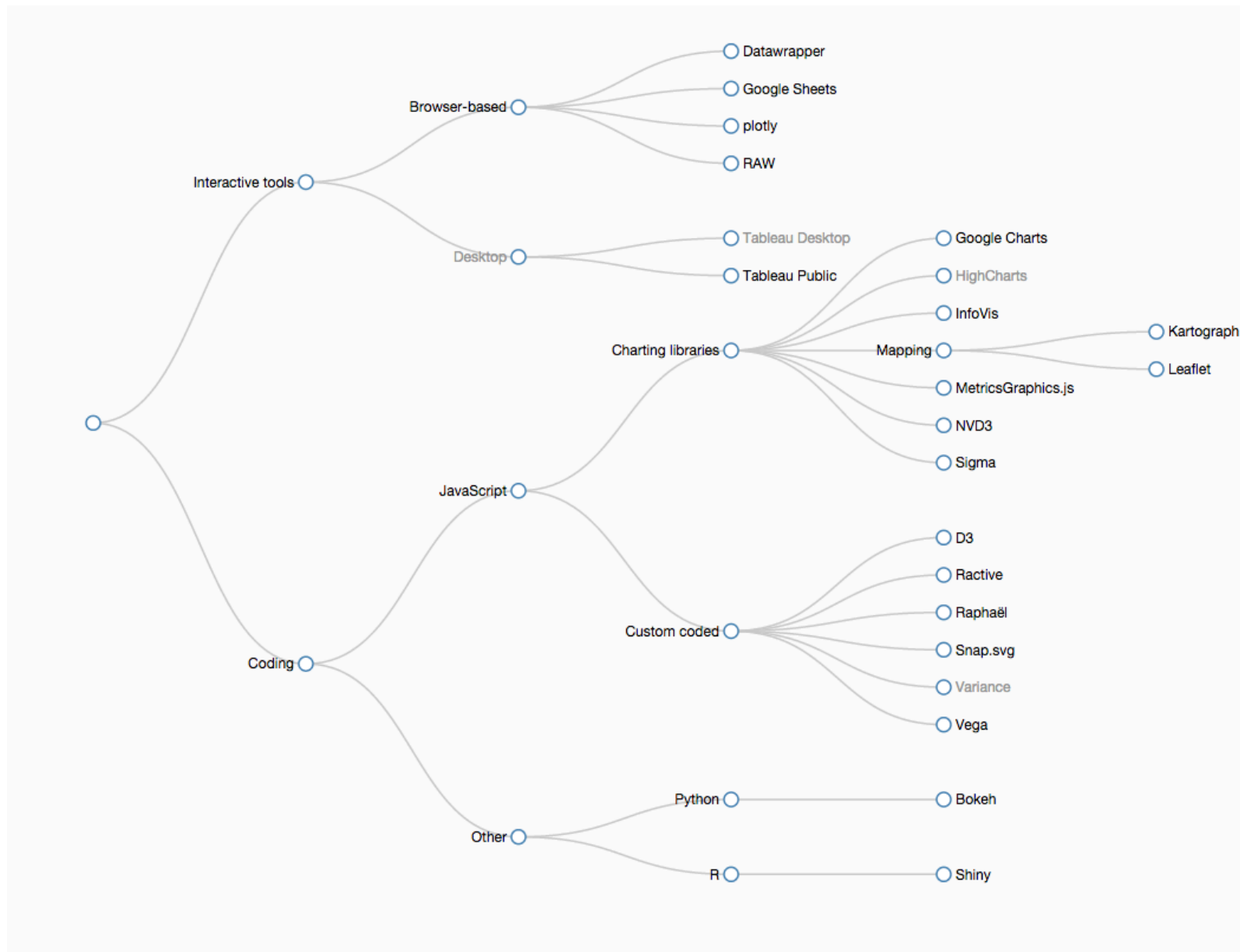
Alzheimer's/dementia
High blood pressure
Heart disease
Depression
Diabetes
Arthritis
C.O.P.D.



DISPLAYING HIERARCHIES

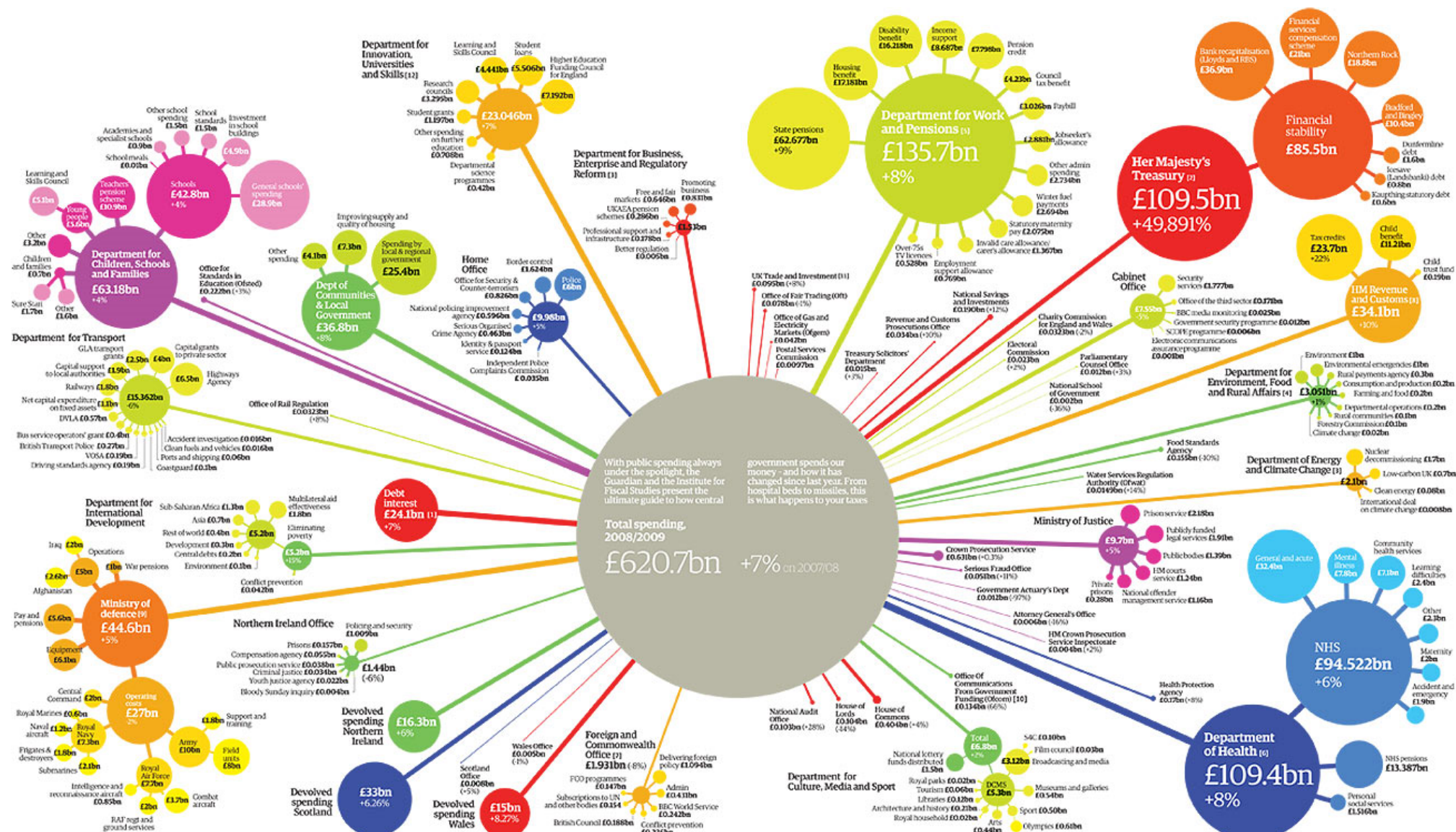
Dendrogram

Point | Connection, position



Tree Hierarchy

Area | Size, connection, position, colour



NOTES

The figures give a picture of major expenditure but exclude local government spending not controlled by central government. We don't have room to show everything - some programmes are just too small to go here, but this gives a flavour of where your tax pounds go. It also excludes government departments that are predominantly financed by their income, such as the Crown Estate or the Export Credits Guarantee Department. The totals here add up to more than the total budget, because some of the smaller government departments are funded via the larger ones, such as the Parliamentary Counsel Office, funded via the Cabinet Office.

1) THE CHANGES DO NOT TAKE ACCOUNT OF INFLATION
1) Interest paid on the public debt

2) The large increase in HM Treasury spending reflects the payments made in supporting the financial sector - not all of which are scored as "financial stability" here. However, as these payments were made in return for assets - they do not show up as net outlays in figures for overall public sector spending in the National Accounts.

3) The DECC figures exclude spending on energy policy, which was transferred to the new Department for Energy and Climate Change (DECC) on 1 October 2008. This explains the significant decrease in the DECC's departmental spending between 2007-08 and 2008-09. The DECC is shown separately. The DECC has now become the Department for Business, Innovation and Skills (BIS).

4) The Rural Payments Agency debt distribution payments - covered by transfers from EU do not show up as net spending here.

5) Benefit spending excludes child benefit, guardians' allowance, widow's pensions, statutory paternity pay, statutory adoption pay - these were paid by the HMRC, MoD and DfER respectively.

6) Excludes spending on family health services and GP

7) Running costs - includes salaries, hospitality budgets, home and domestic accommodation costs.

8) The amount of government funding from the BBC and DfM, the rest is from licence fees from broadcasters and media organisations.

9) Spending on Child Benefits and Tax Credits etc does not come out of the departmental expenditure pot.

10) Is higher than budget due to extra from Treasury reserves to cover operations. The total amounts may not balance as there are overlapping amounts, ie between operations and running costs.

11) Split between Parliament direct, the FCO and DECC.

12) The DECC and BIS have been merged to create the new Department for Business, Innovation and Skills. The departments are shown separately here, as this reflects the way they functioned in 2008-09. From 2009-10 onwards the functions and spending of these two departments will be merged.



Sunburst Chart

Area | Size, colour, position







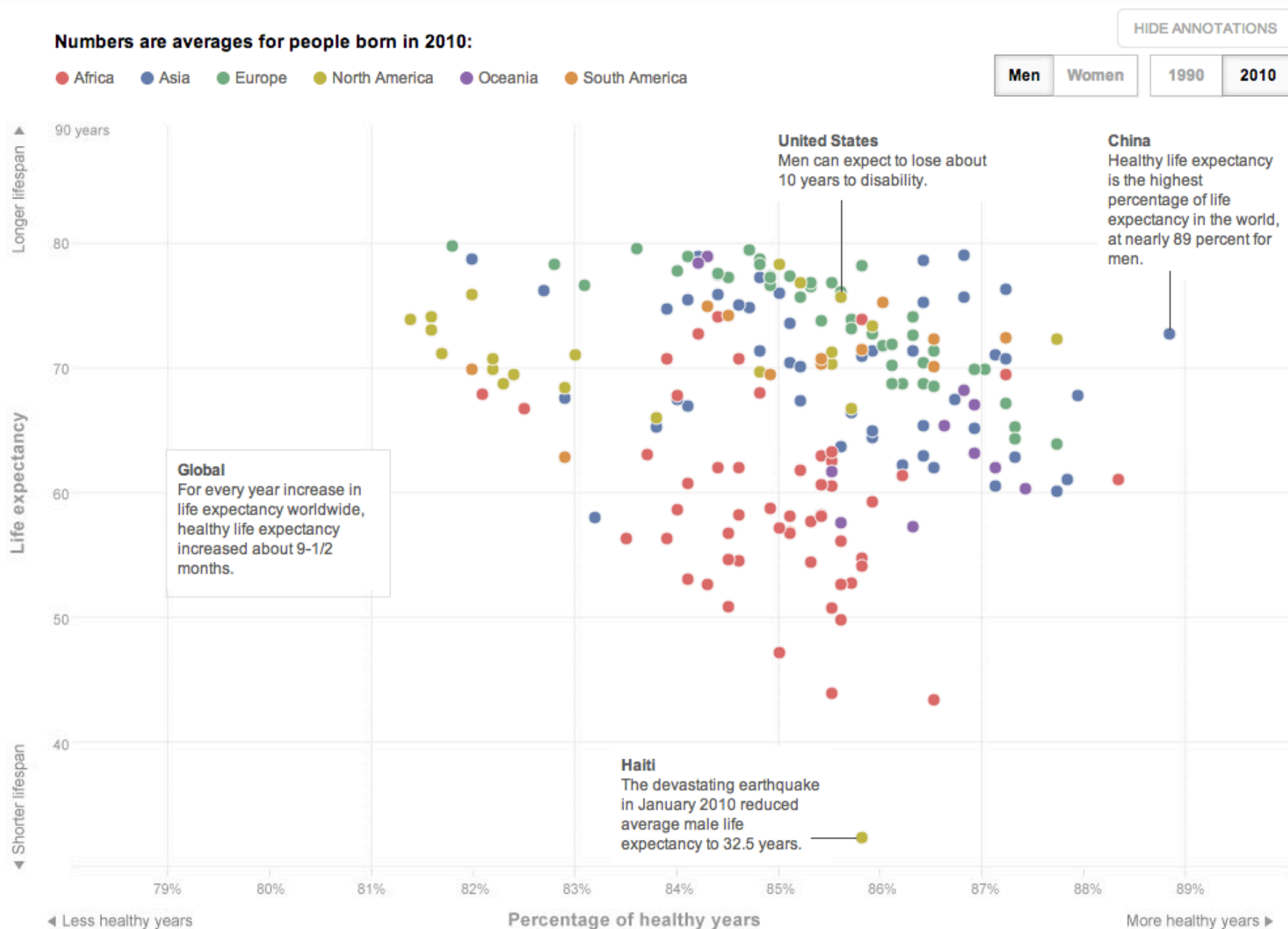
RELATIONAL

Graphing relationships through
correlations and connections

EXPLORING CORRELATIONS

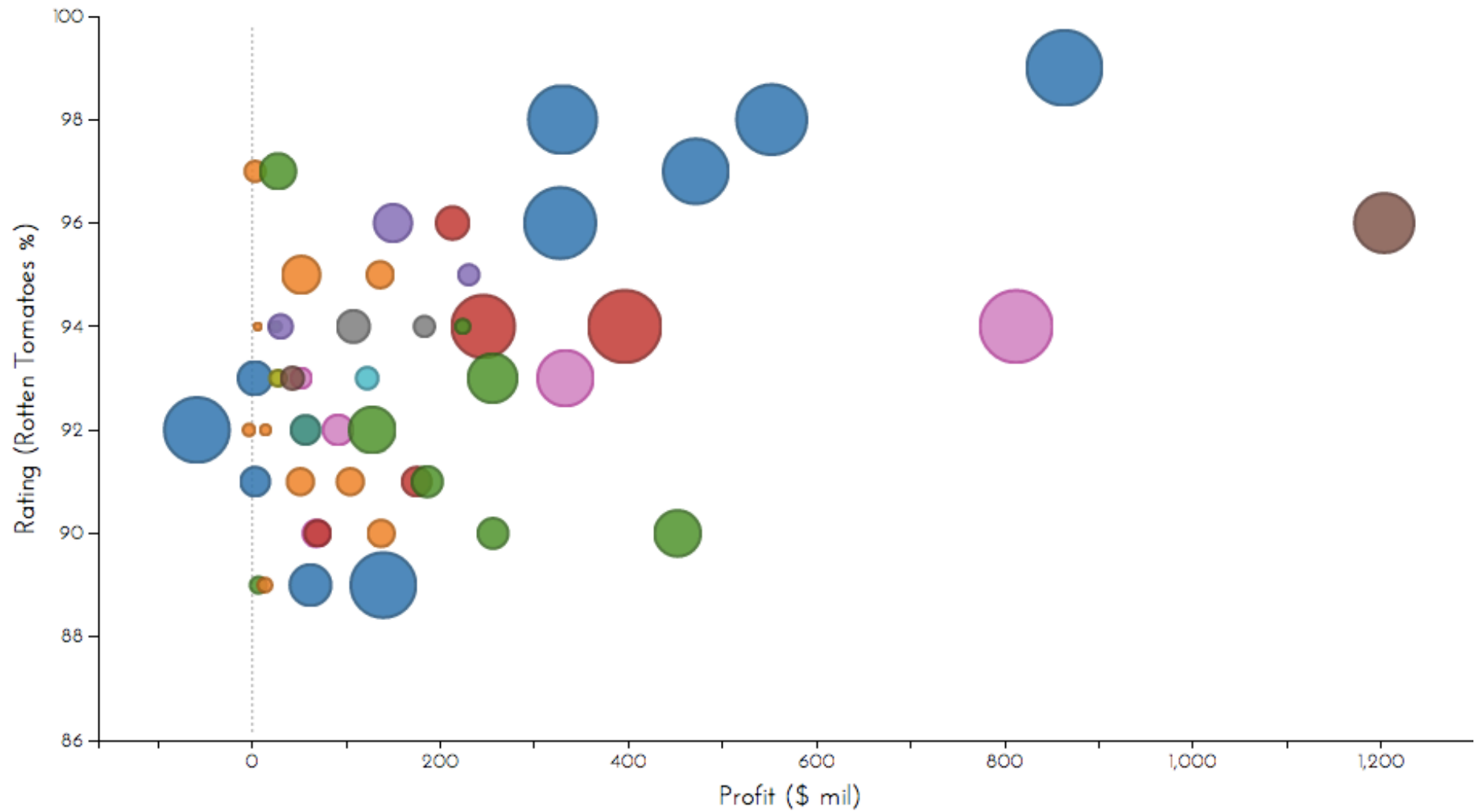
Scatter Plot

Point | Position, position, colour



Bubble Plot

Area | Position, position, size, colour



Nutrient Contents – Parallel Coordinates

An interactive visualization of the [USDA Nutrient Database](#). For information on parallel coordinates, read this [tutorial](#).

Hide Ticks Dark Shadows ☐ Opacity: 20%

Per 100g of Food

Selected 1153 rows

Keep

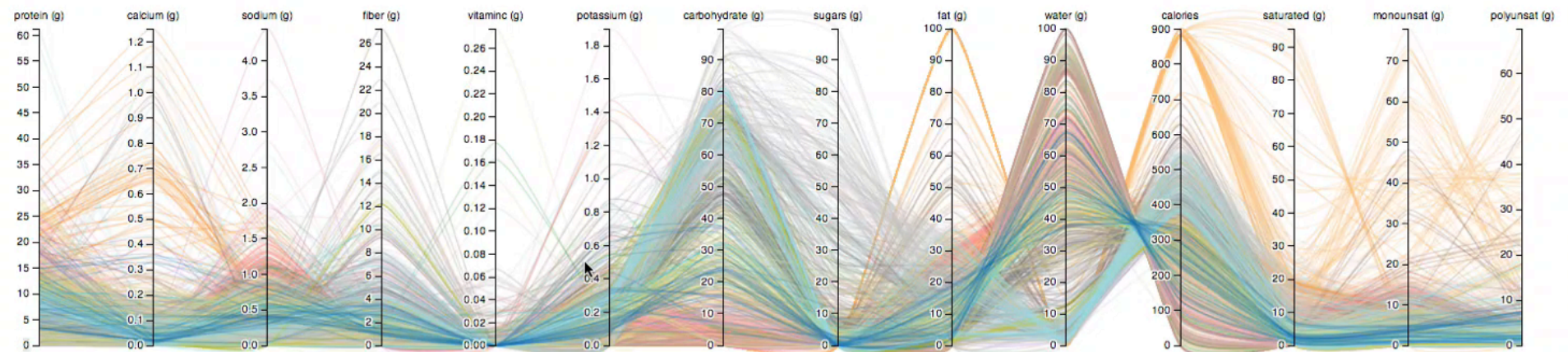
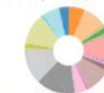
Remove

Export

Group Breakdown

Total Selected

Dairy and Egg Products Fats and Oils Poultry Products Soups, Sauces, and Gravies Vegetables and Vegetable Products Sausages and Luncheon Meats Breakfast Cereals Fruits and Fruit Juices
Nut and Seed Products Beverages Finfish and Shellfish Products Legumes and Legume Products Baked Products Sweets Cereal Grains and Pasta Fast Foods Meals, Entrees, and Sidedishes
Snacks Restaurant Foods

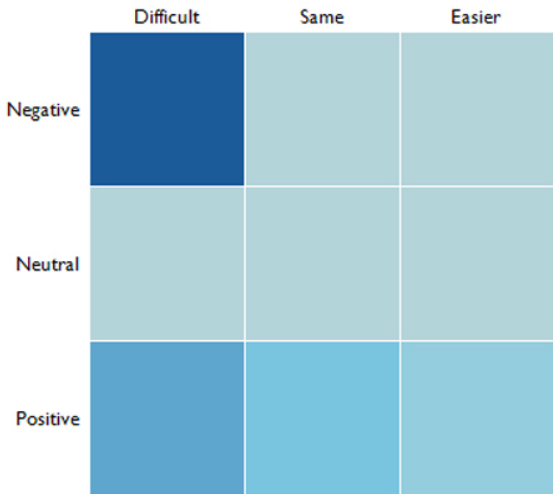
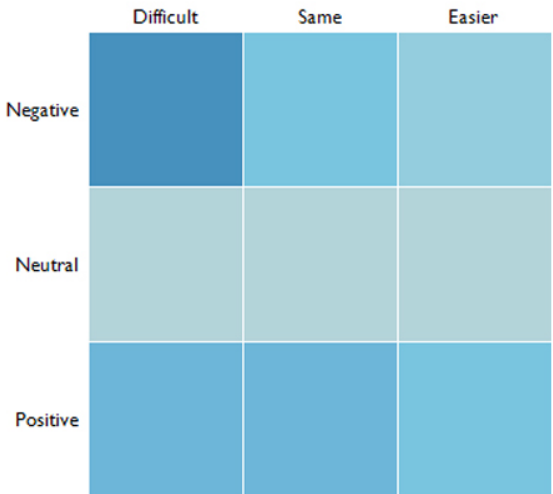
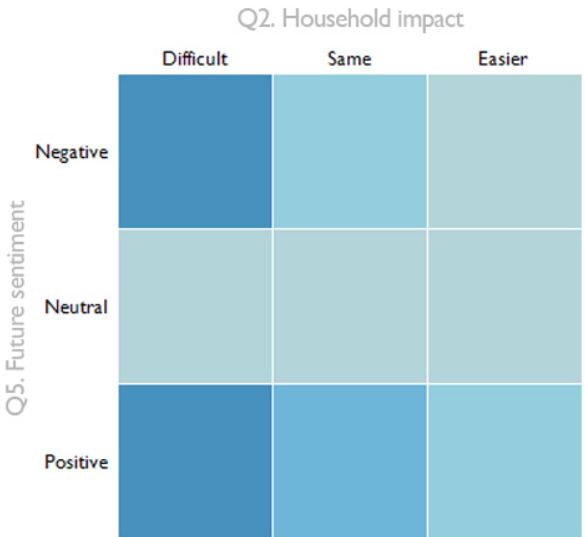
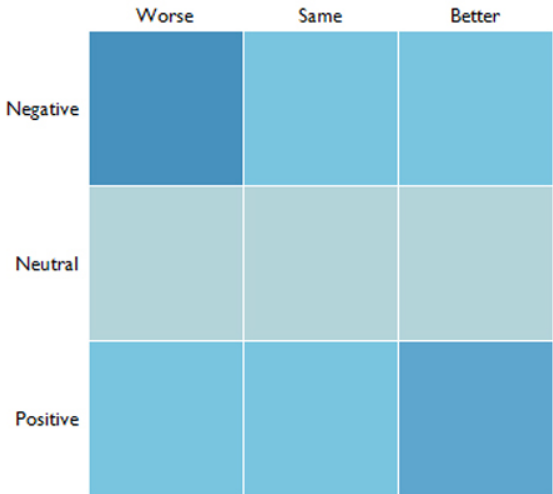
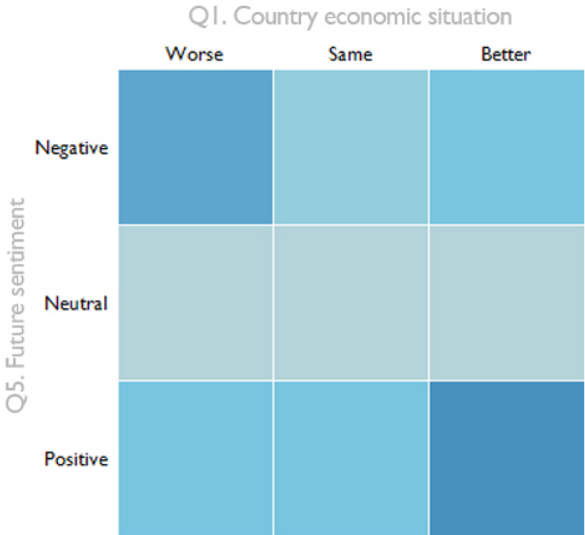


name	group	protein (g)	calcium ...	sodium ...	fiber (g)	vitaminC...	potassiu...	carbohy...	sugars (g)	fat (g)	water (g)	calories	saturate...	monoun...
Butter oil, anhydrous	Dairy and Egg Products	0.28	0.004	0.002	0	0	0.005			99.48	0.24	876	61.924	28.732
Butter, salted	Dairy and Egg Products	0.85	0.024	0.714	0	0	0.024	0.06	0.06	81.11	15.87	717	51.368	21.021
Cheese fondue	Dairy and Egg Products	14.23	0.476	0.132	0	0	0.105	3.77		13.47	61.61	229	8.721	3.563
Cheese food, cold pack, american	Dairy and Egg Products	19.66	0.497	0.966	0	0	0.363	8.32		24.46	43.12	331	15.355	7.165
Cheese food, pasteurized process, swiss	Dairy and Egg Products	21.92	0.723	1.552	0	0	0.284	4.5		24.14	43.67	323	15.487	6.801
Cheese spread, cream cheese base	Dairy and Egg Products	7.1	0.071	0.673	0	0	0.112	3.5	3.5	28.6	58.5	295	18.02	8.071
Cheese, blue	Dairy and Egg Products	21.4	0.528	1.395	0	0	0.256	2.34	0.5	28.74	42.41	353	18.669	7.778
Cheese, brick	Dairy and Egg Products	23.24	0.674	0.56	0	0	0.136	2.79	0.51	29.68	41.11	371	18.764	8.598
Cheese, brie	Dairy and Egg Products	20.75	0.184	0.629	0	0	0.152	0.45	0.45	27.68	48.42	334	17.41	8.013



Heatmap

Area | Position, position, colour

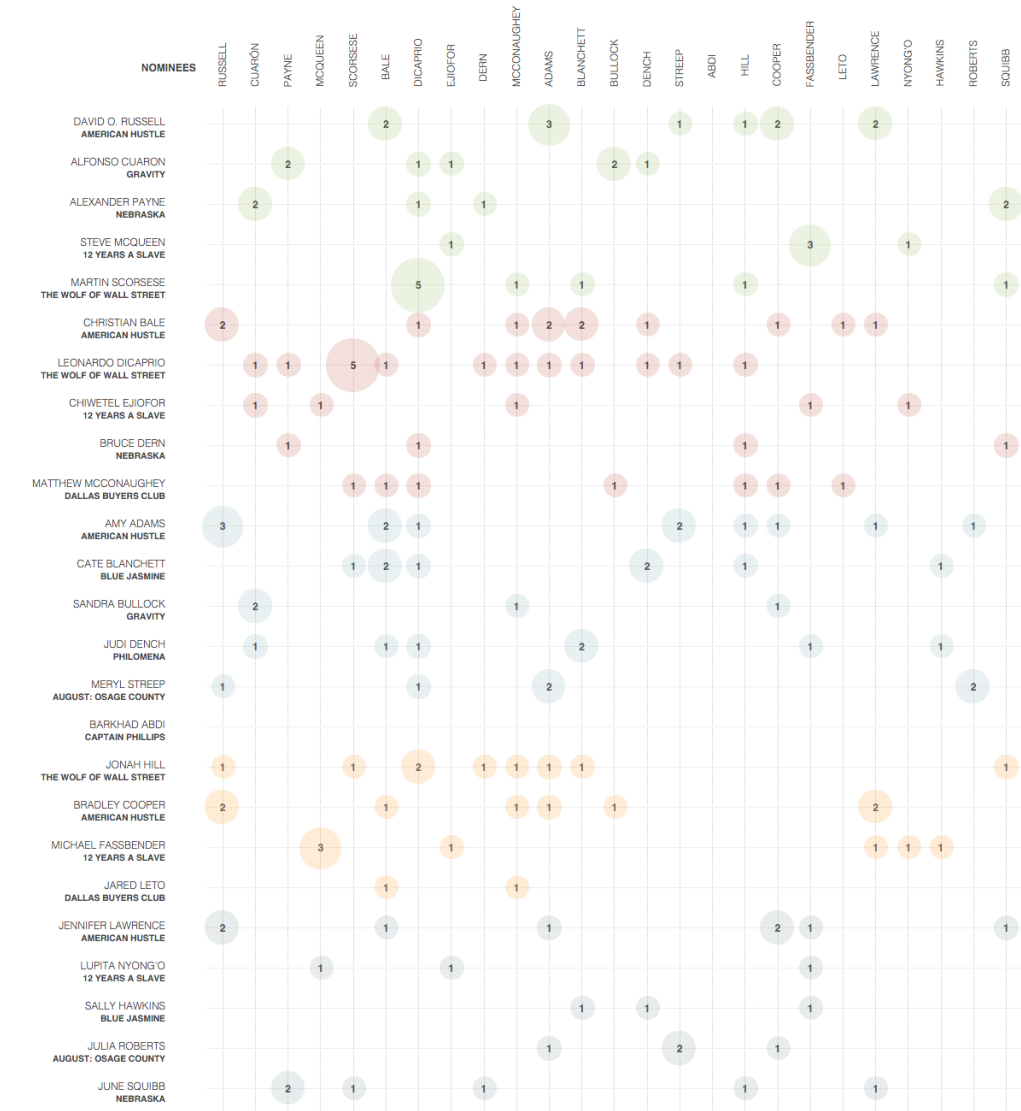


SHOWING CONNECTIONS

Big Oscar nominations, big-screen connections

FEBRUARY 22, 2014

Who is Cate Blanchett rooting for in the best-actor category? It just might be Christian Bale, with whom she's made two films. See how many times this year's Oscar nominees have worked together.



Force-Directed Network

Area | Position, connection, size, colour



12

2007



TWELVE AND HOLDING

2005



127 HOURS

2010



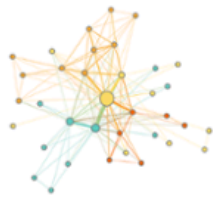
1492: CONQUEST OF P...

1992



15 MINUTES

2001



17 AGAIN

2009



ONE EIGHT SEVEN

1997



2012

2009



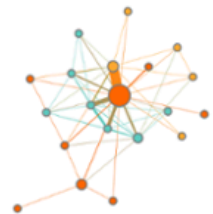
44 INCH CHEST

2009



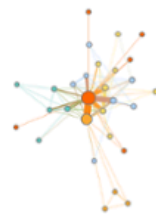
48 HRS.

1982



(500) DAYS OF SUMMER

2009



A FEW GOOD MEN

1992



ABOVE THE LAW

1988



ABSOLUTE POWER

1997



THE ABYSS

1989

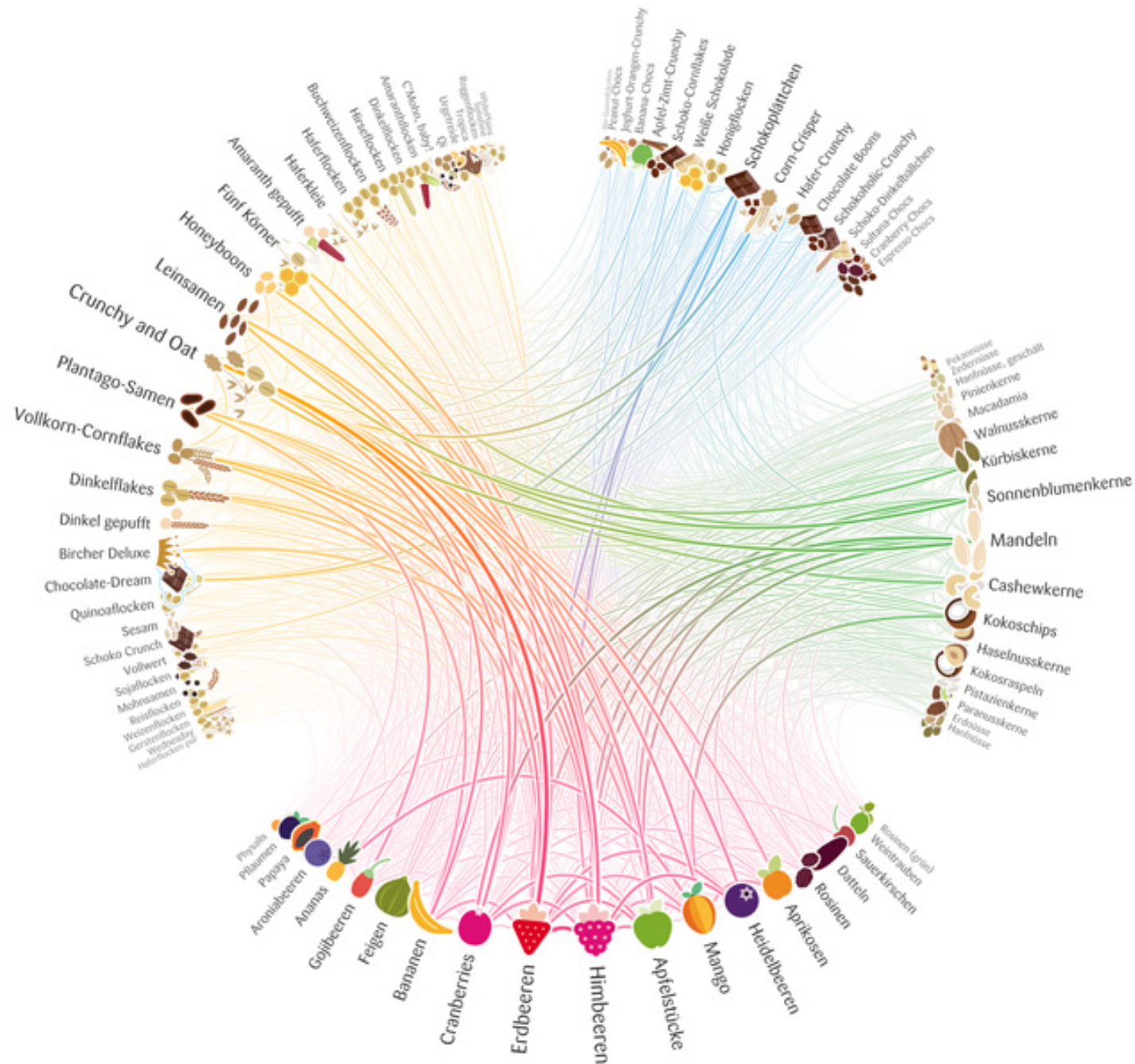


Charting the web
of debt exposure among
sagging economies.

than \$3.1

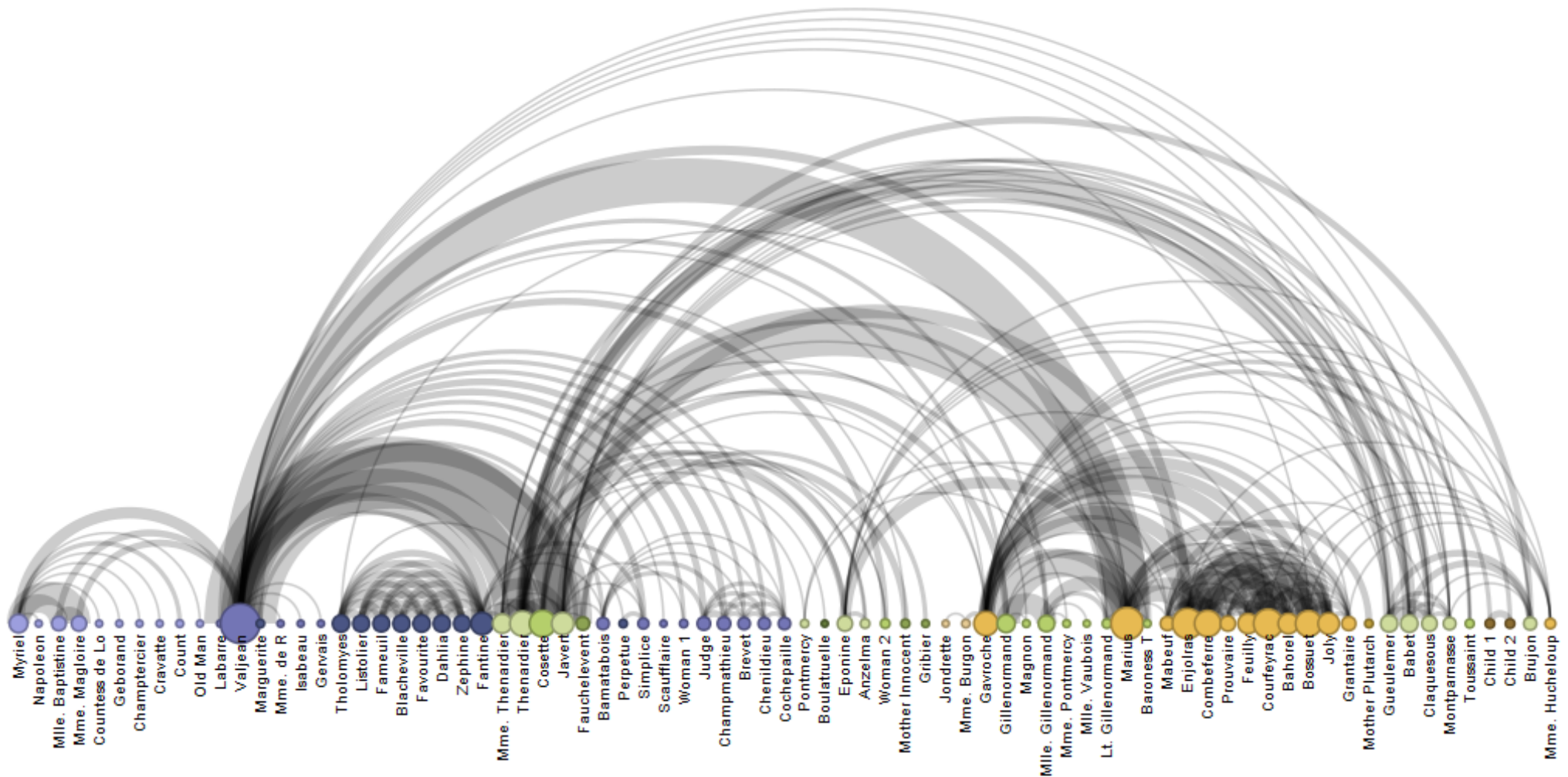
Chord Diagram

Area | Position, connection, size, colour



Arc Diagram

Area | Position, connection, size, colour

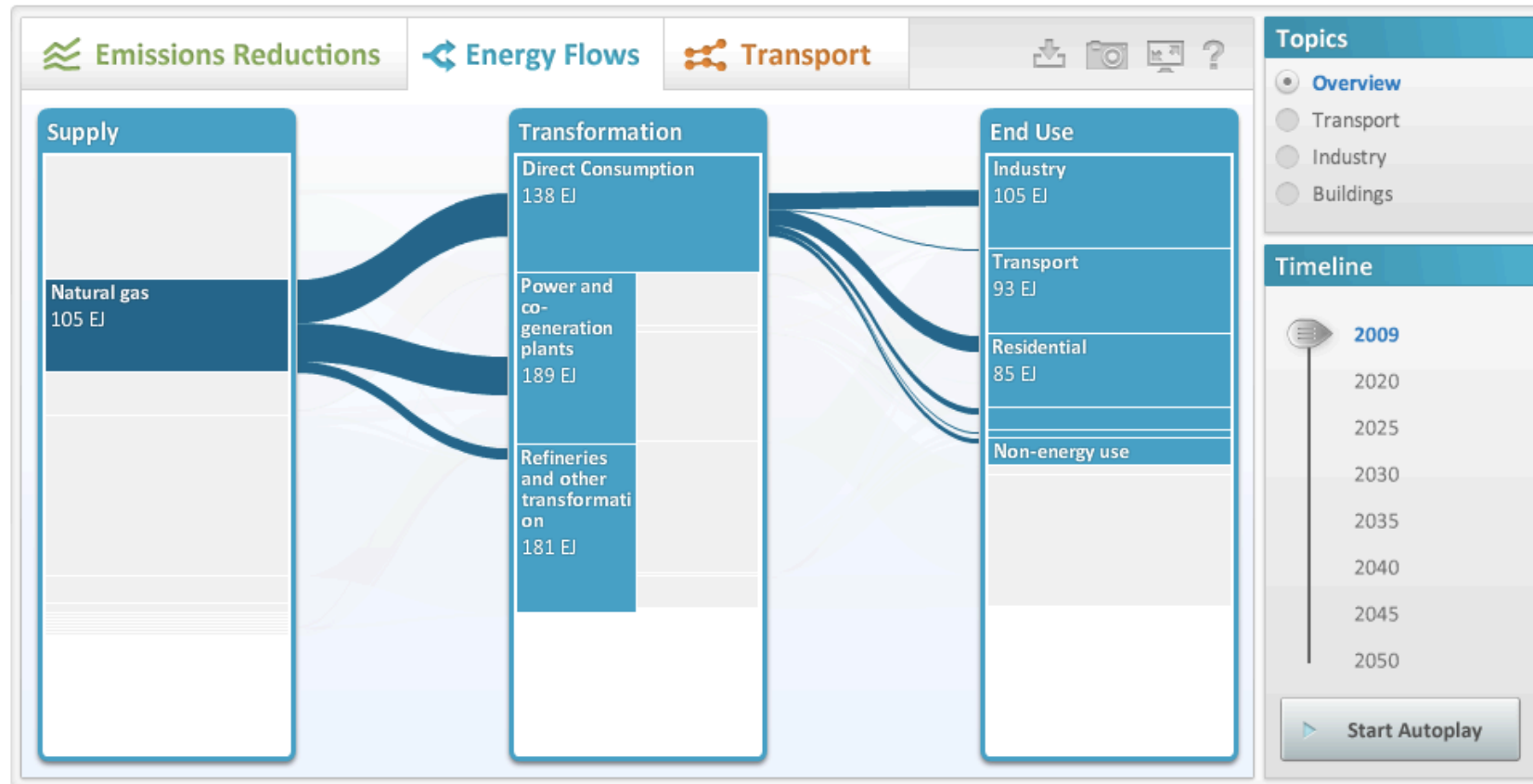


Les Misérables character interaction. Each character is represented by a circle and the connecting arc represents co-occurrence in a chapter. The character's size indicates the number of appearances they have over the entire work.



Sankey Diagram

Area, line | Size, size, connection, colour





TEMPORAL

Showing trends and
activities over time

SHOWING TRENDS

Published: November 6, 2009

The Jobless Rate for People Like You

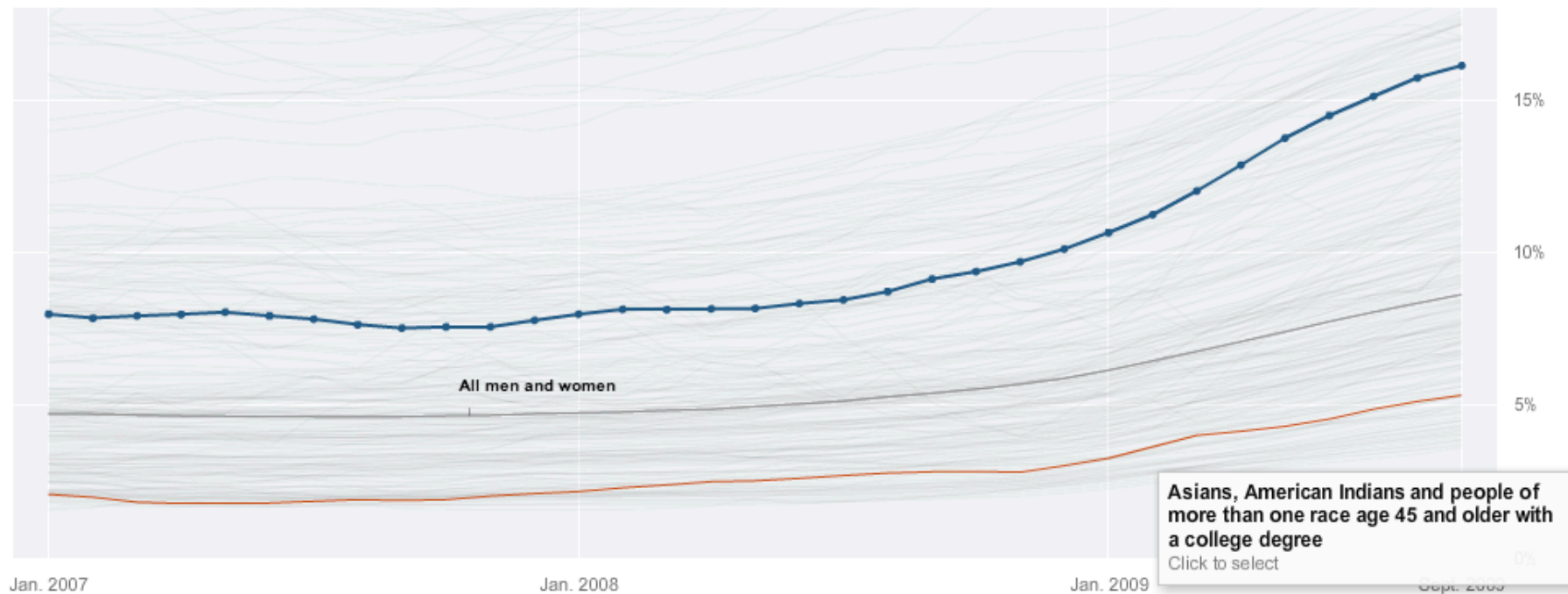
Not all groups have felt the recession equally.

All races	Men and Women	All ages	All education levels
White	Men	Ages 15 to 24	Not a high school graduate
Black	Women	Ages 25 to 44	High school graduate
Hispanic		Age 45 and older	College graduate
All other races			

UNEMPLOYMENT RATE,
12 MONTH AVG. ENDING SEPT. '09

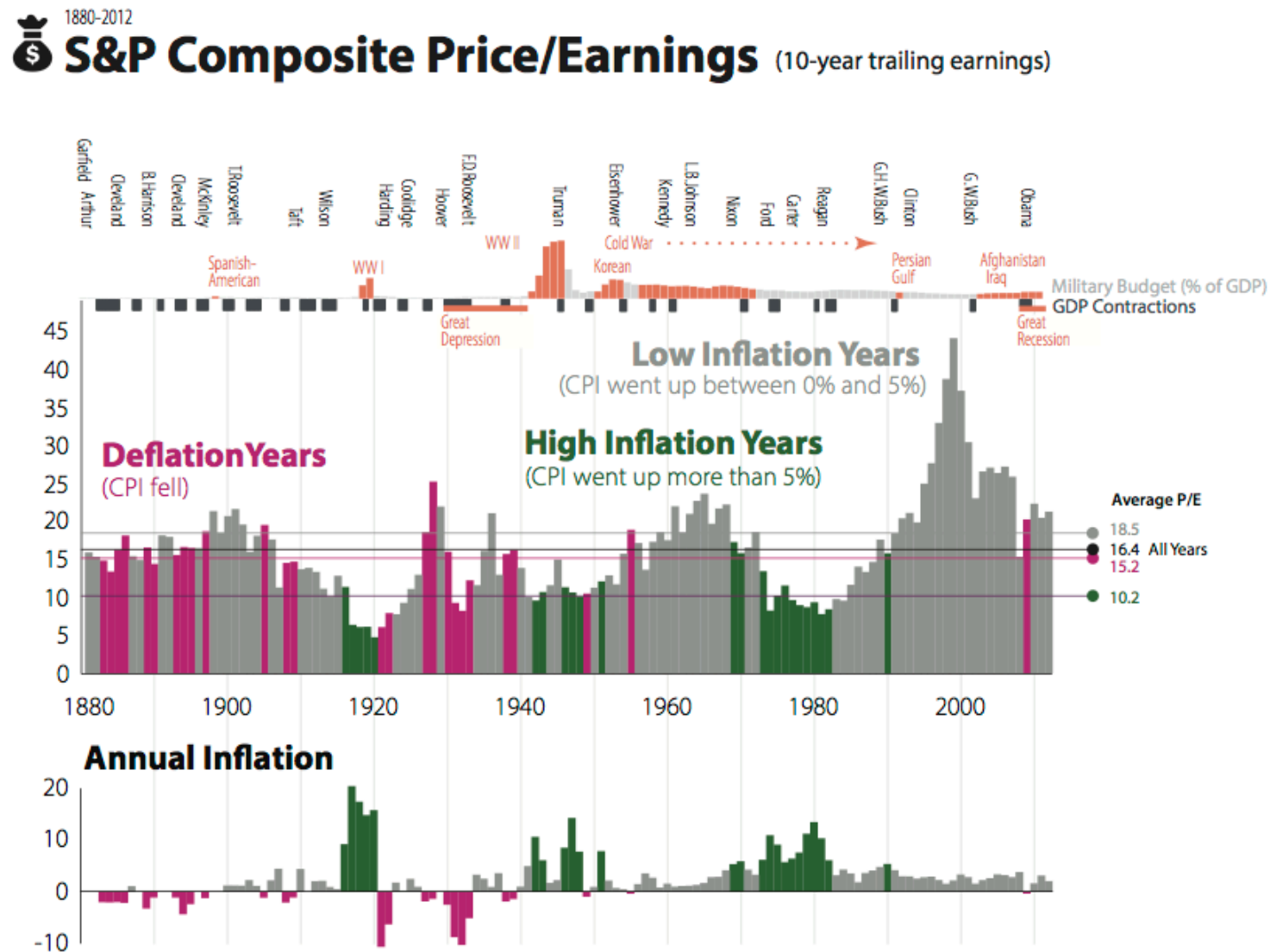
16.1%

For black men ages 25 to 44



Note: 12-month rates are shown because monthly estimates for small groups are not reliable.





Candlestick Chart

Point, Line | Position, size



Bump Chart

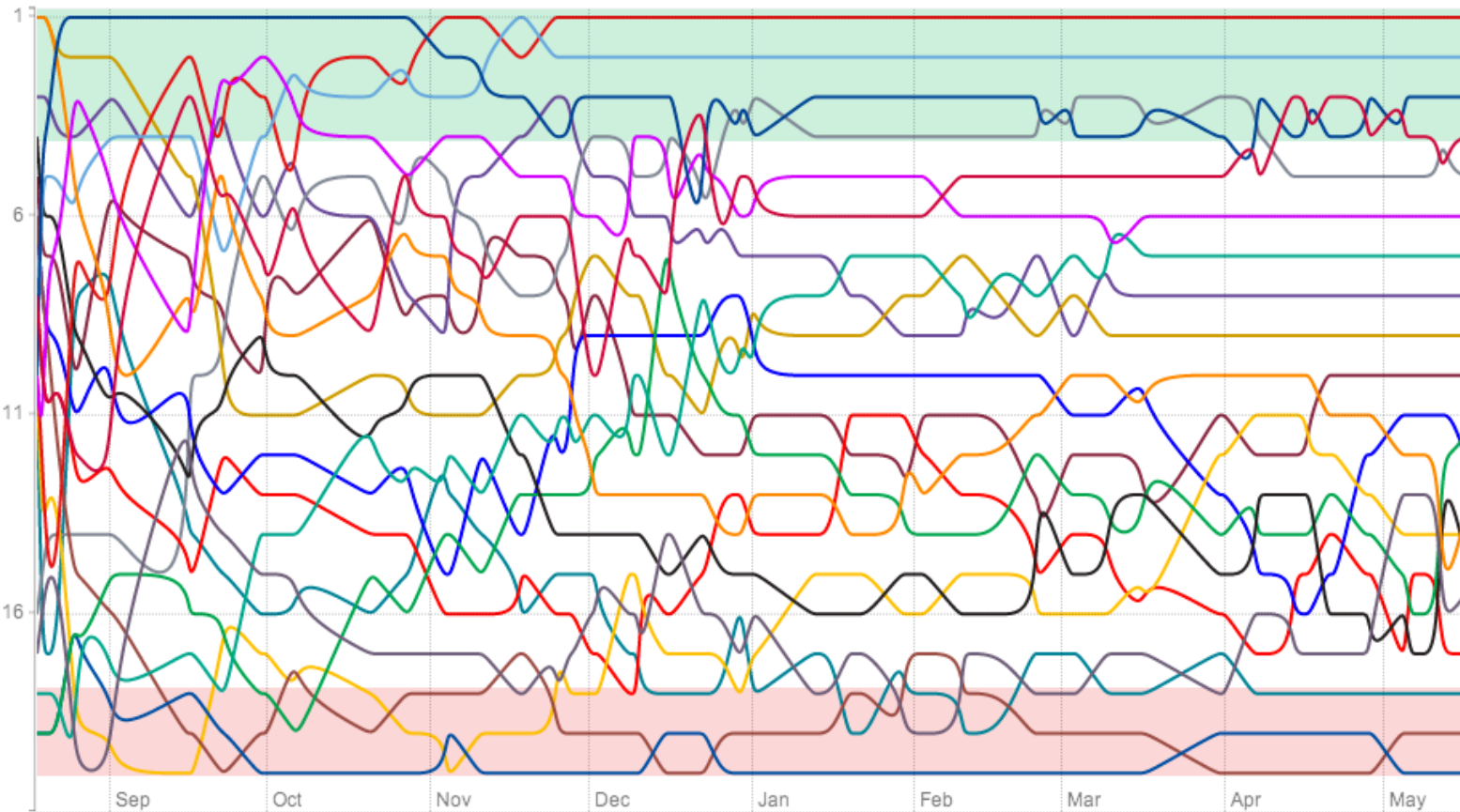
Point | Slope, colour

PREMIER LEAGUE 2012-13 VISUALIZED

Like 54 Tweet 55

Compare each team's position in the table over the course of the season (*mouse over each line for individual team stats*)

Click the team name to isolate their season graph. Then click a check mark to compare to other teams.



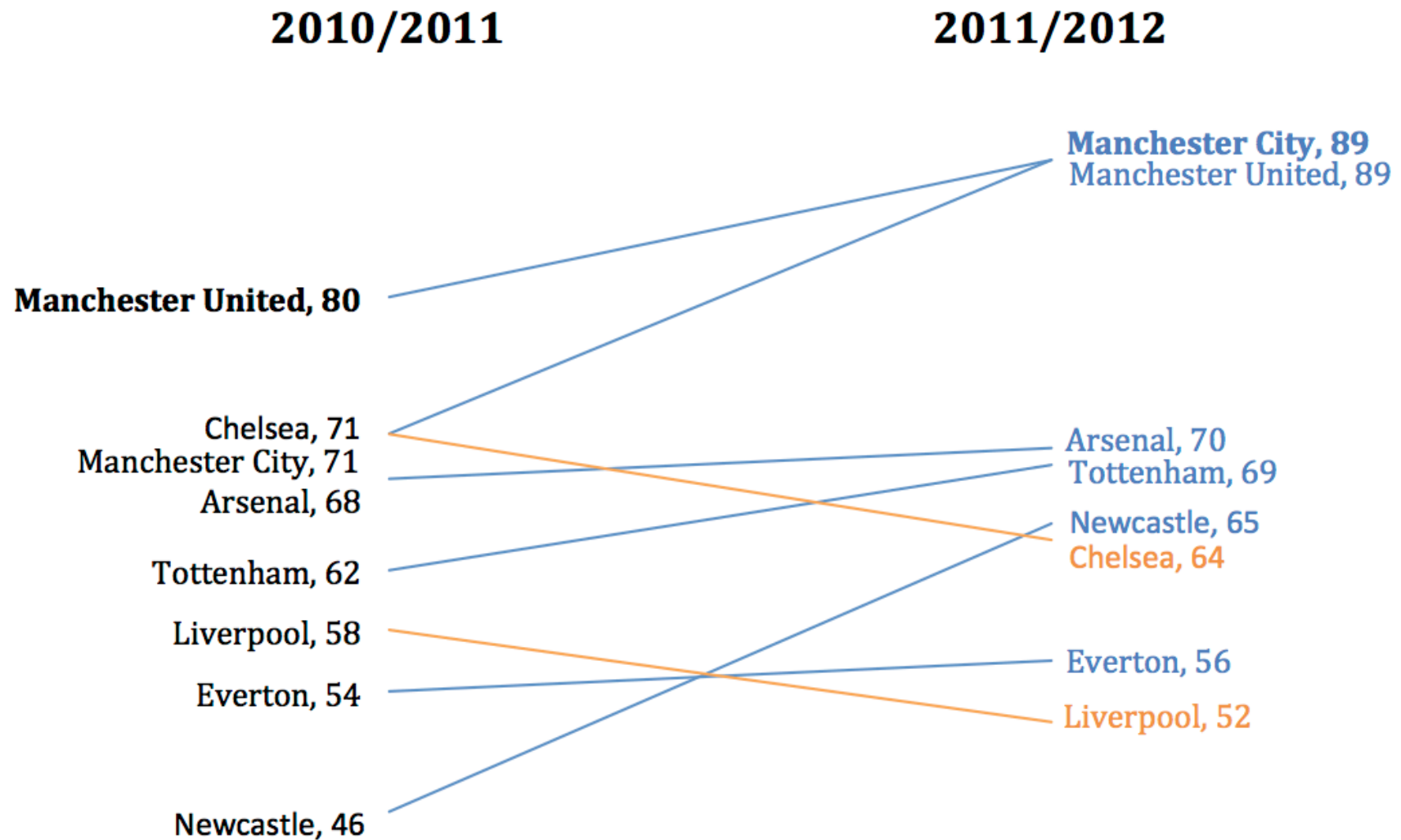
- ✓ Arsenal
- ✓ Aston Villa
- ✓ Chelsea
- ✓ Everton
- ✓ Fulham
- ✓ Liverpool
- ✓ Manchester City
- ✓ Manchester United
- ✓ Newcastle United
- ✓ Norwich City
- ✓ Queens Park Rangers
- ✓ Reading
- ✓ Southampton
- ✓ Stoke City
- ✓ Sunderland
- ✓ Swansea City
- ✓ Tottenham Hotspur
- ✓ West Bromwich Albion
- ✓ West Ham United
- ✓ Wigan Athletic

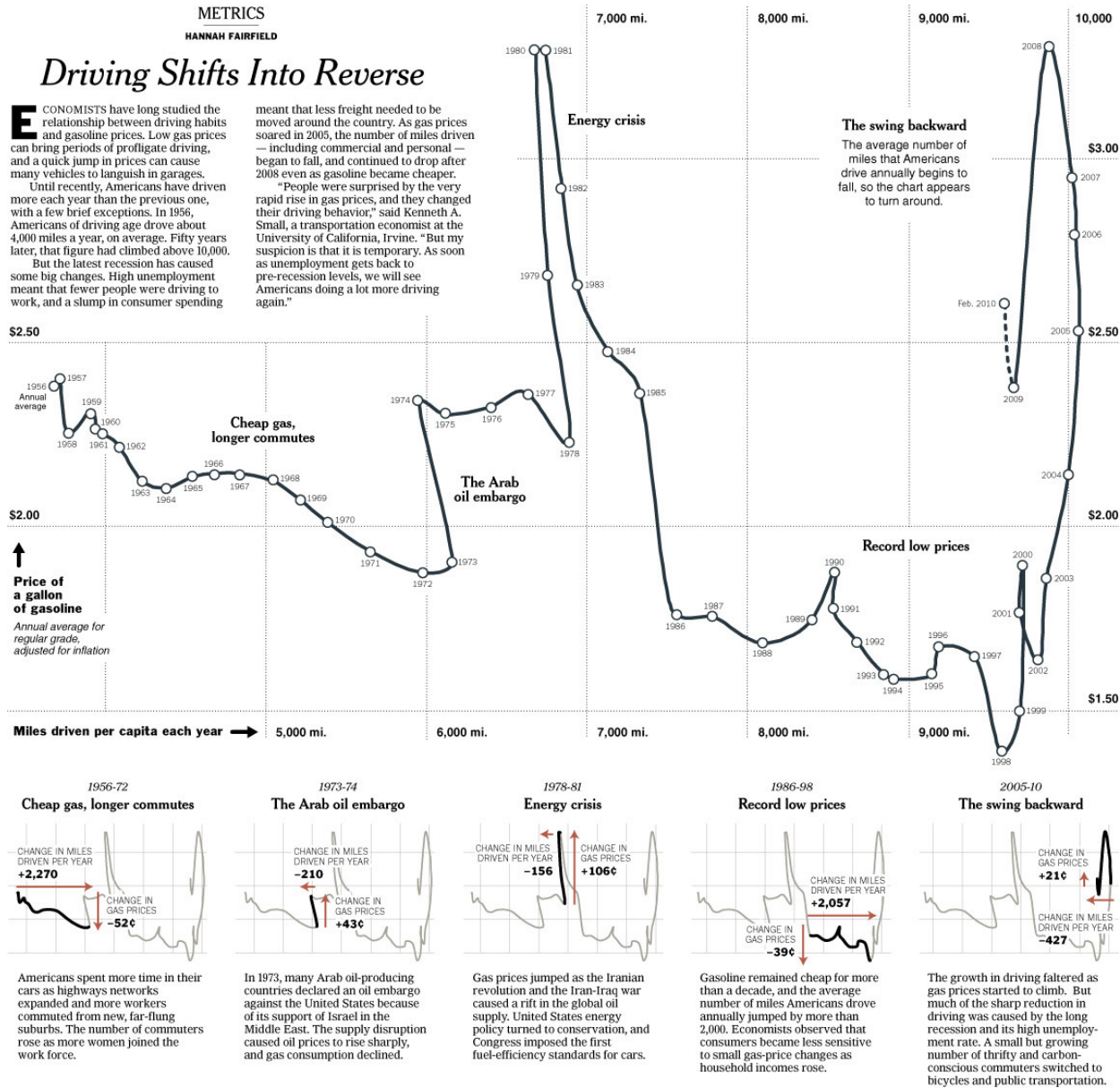
Season Highlights

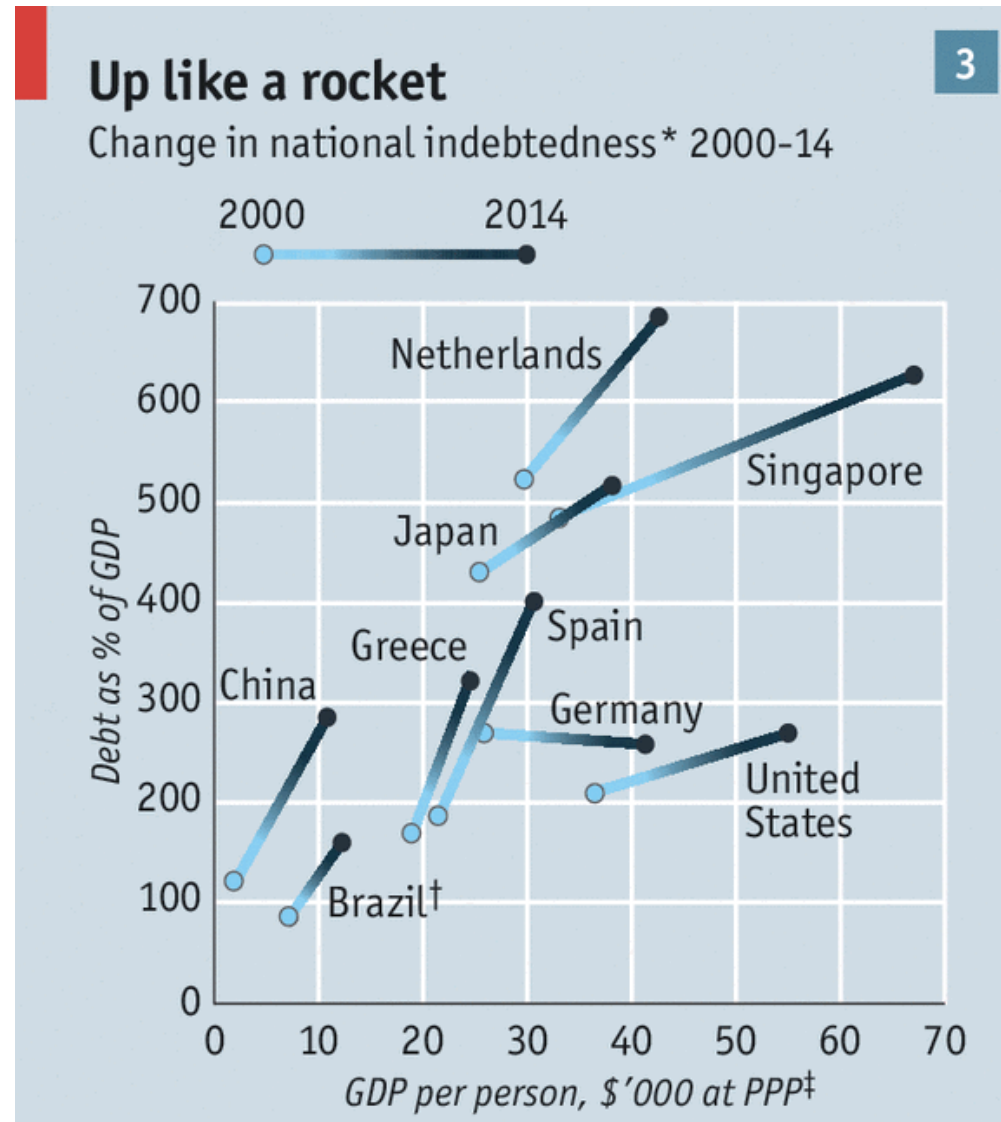
Champions League

Relegation

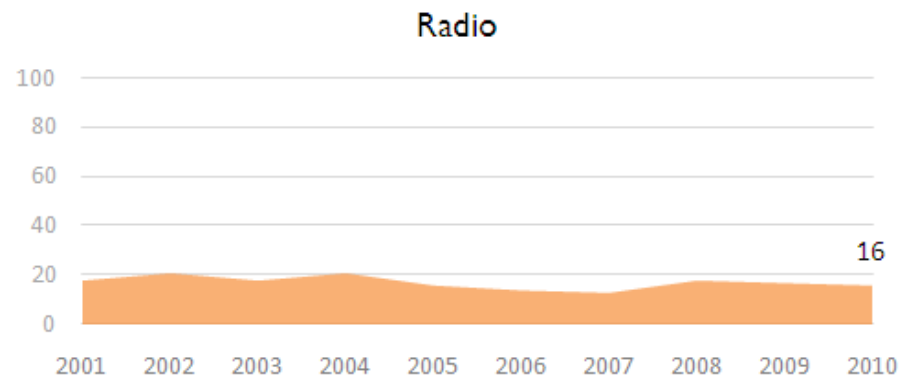
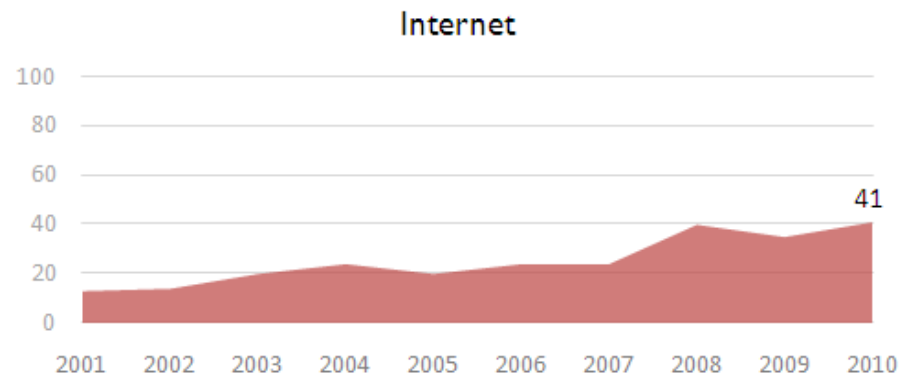
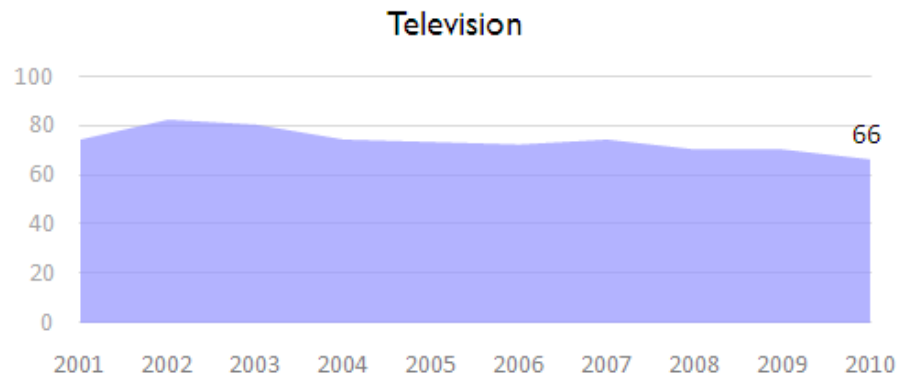








Where do you get most of your news about national and international issues?

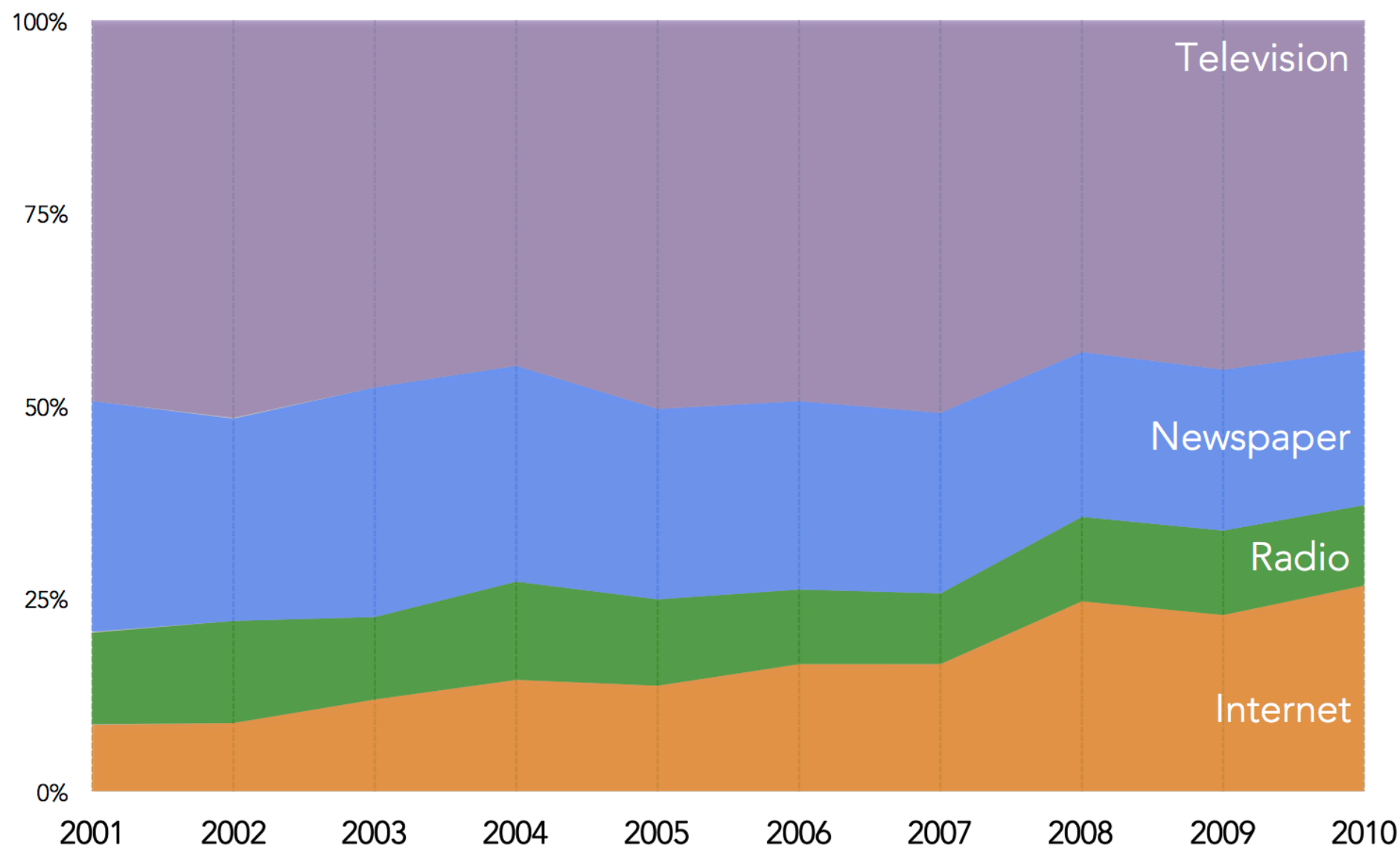


Pew Research Center December 1-5 2010. Figures show % respondents who get their news from each media channel. Aggregate figures add to more than 100% because respondents could volunteer up to two main sources. If asked more than once in a calendar year, trend shows final datapoint from each year.

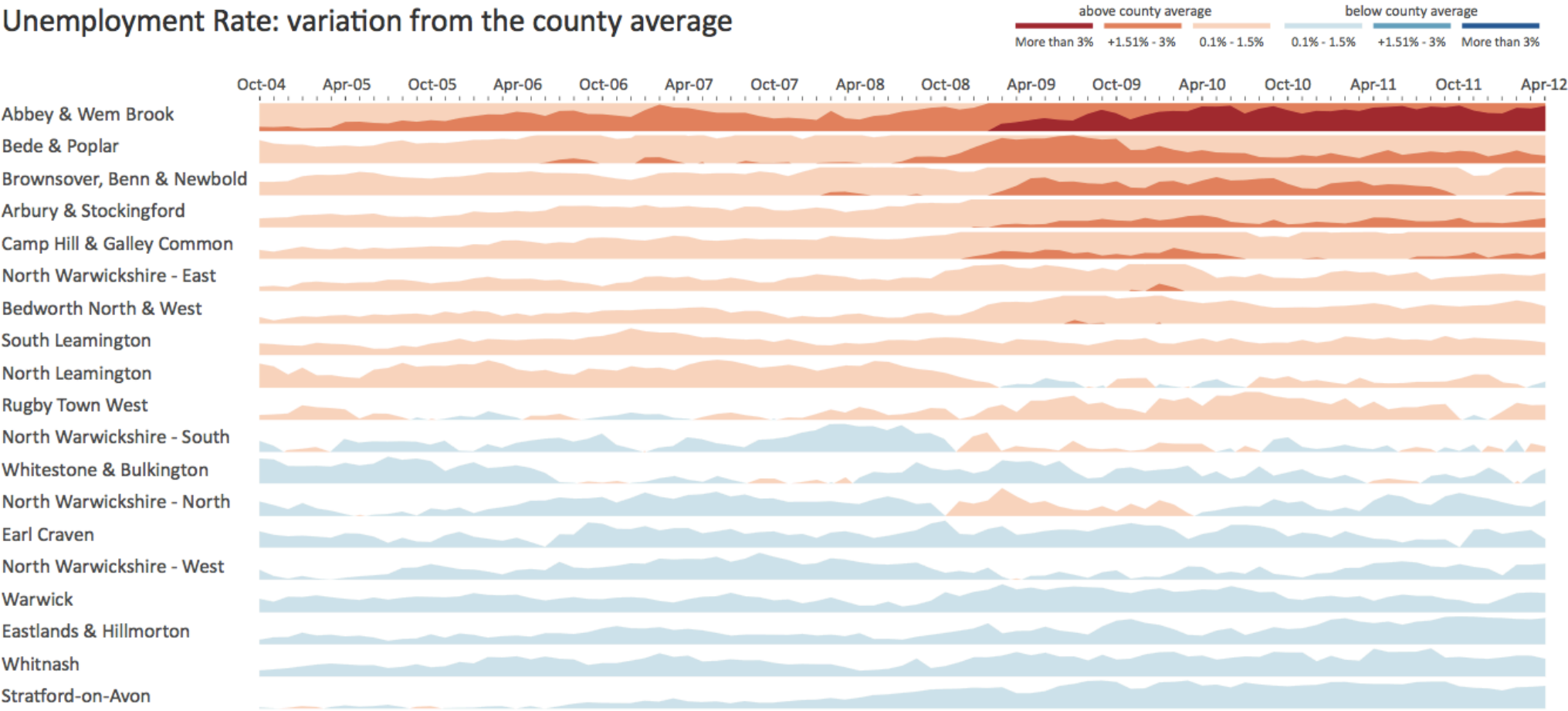


Stacked Area Chart

Area | Position, size, colour

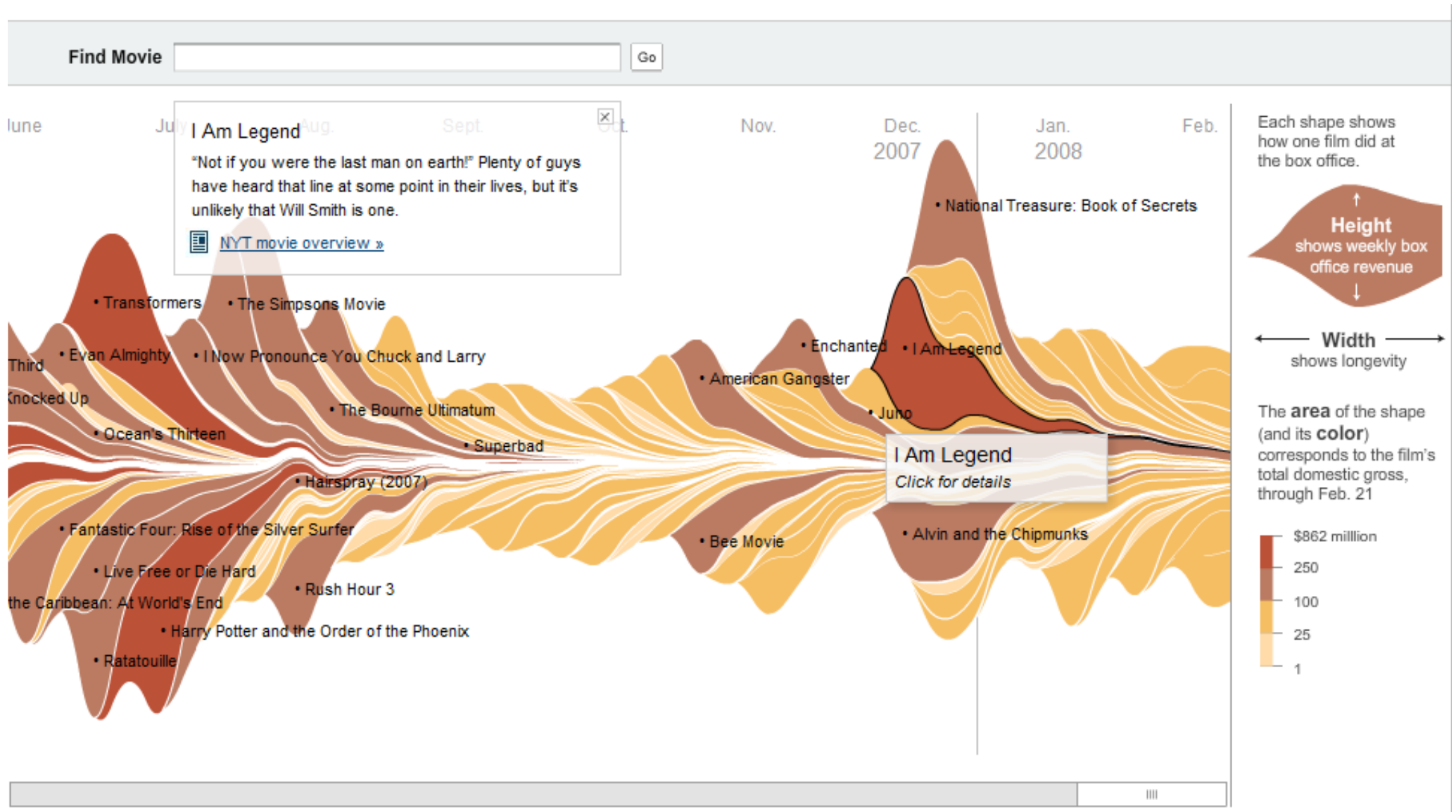


Unemployment Rate: variation from the county average

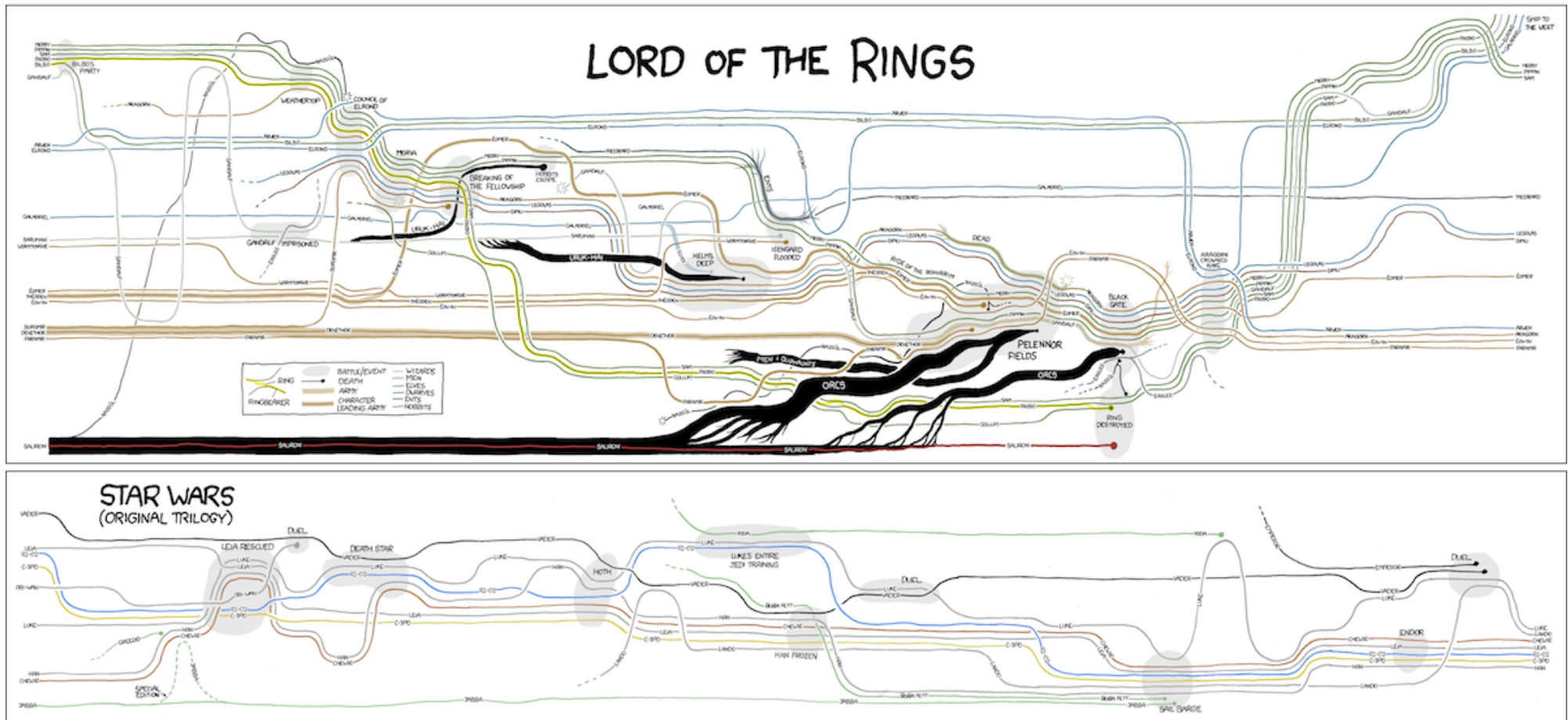


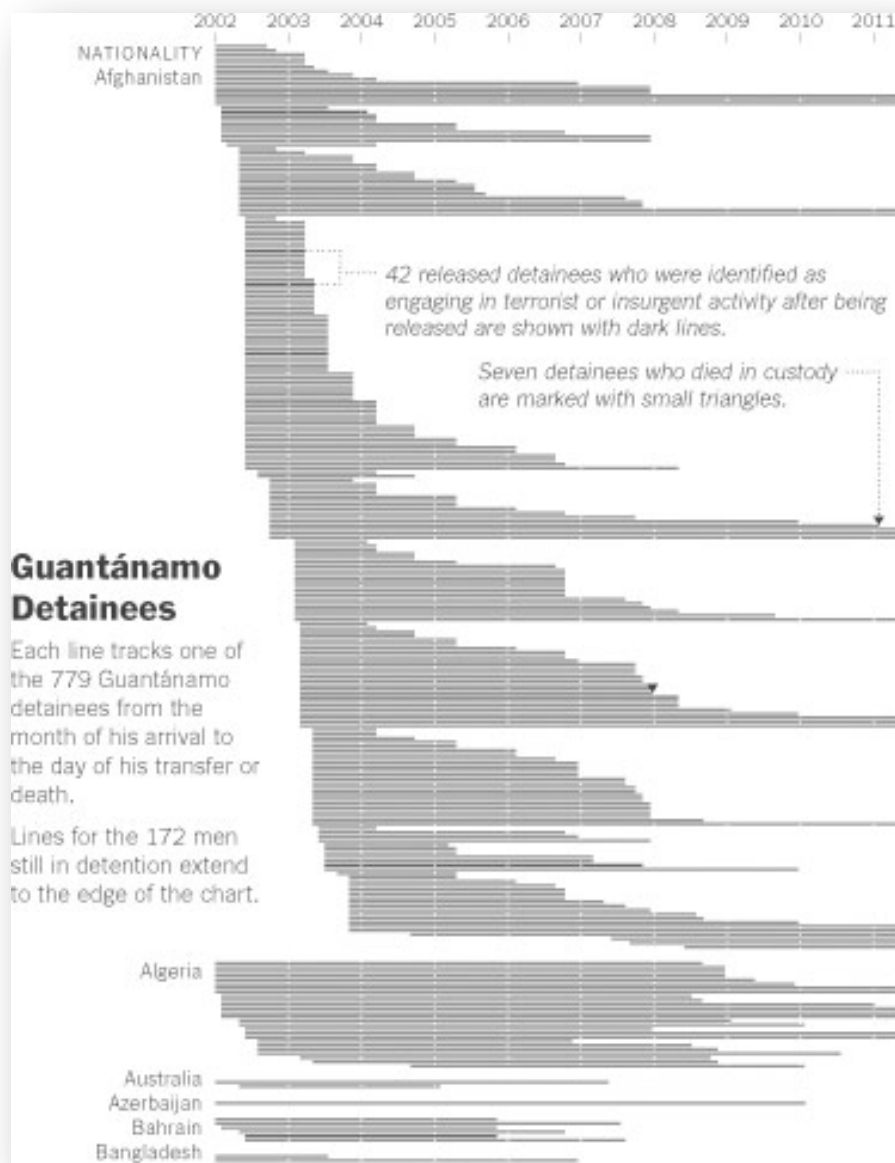
Stream Graph

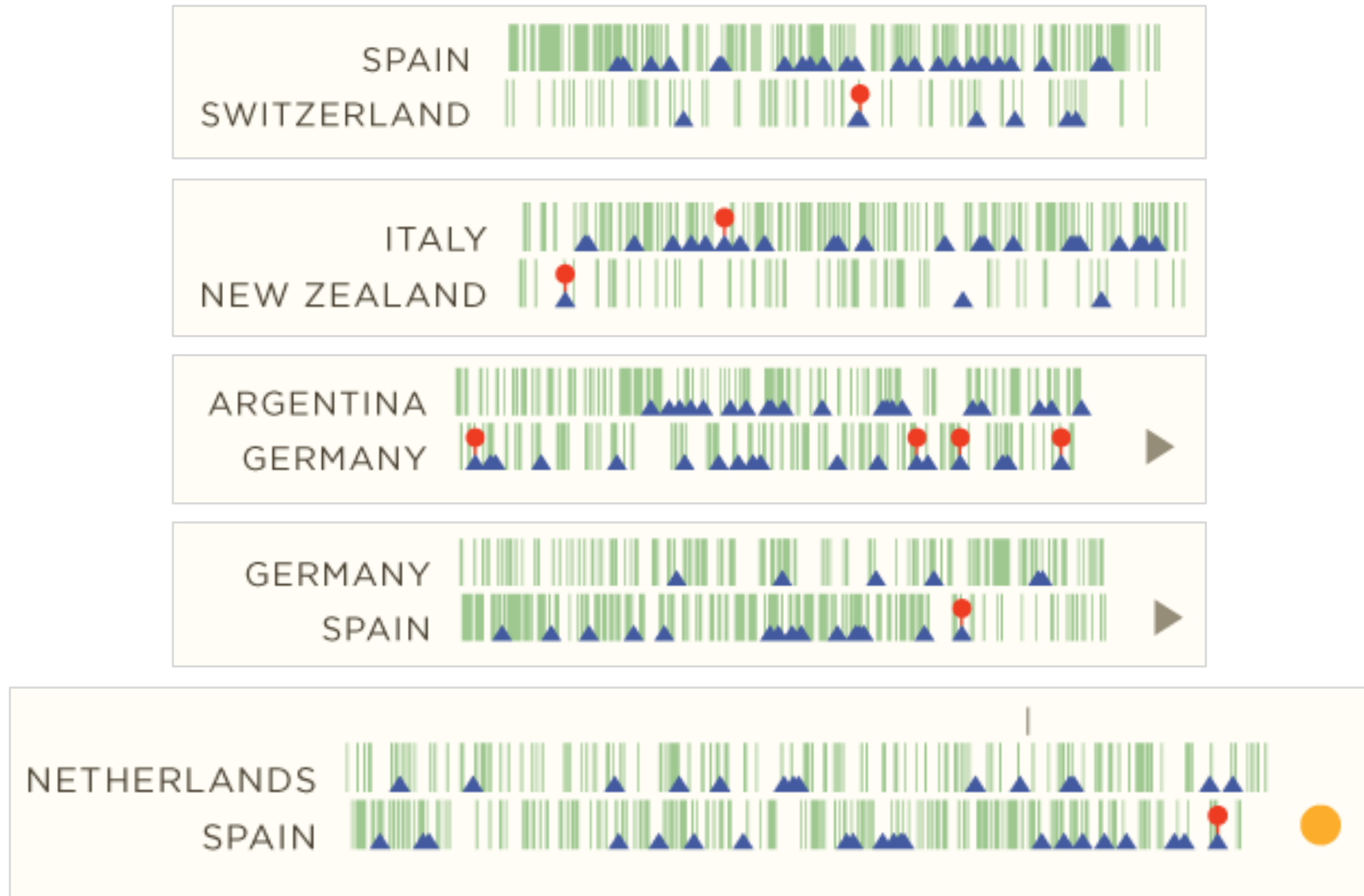
Area | Position, size, colour



PLOTTING ACTIVITIES









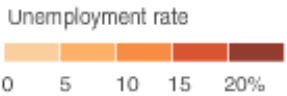
SPATIAL

Mapping spatial patterns through
overlays and distortions

GEOGRAPHIC OVERLAYS

Choropleth Map

Unemployment rate
One-year change



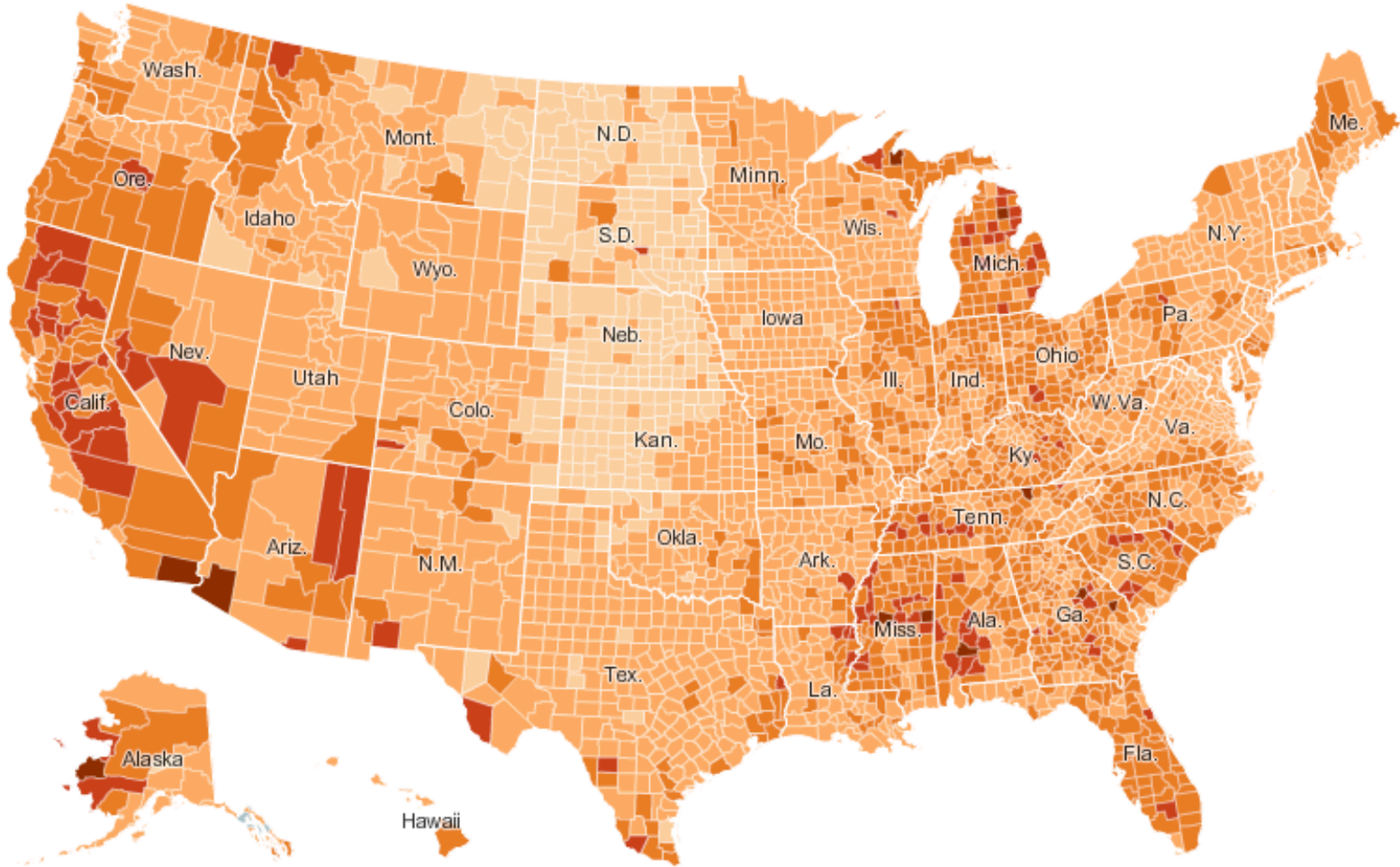
June '10 unemployment rate: **9.6%**
One-year change: -0.1 pct. pts.

ZOOM IN

ZOOM OUT

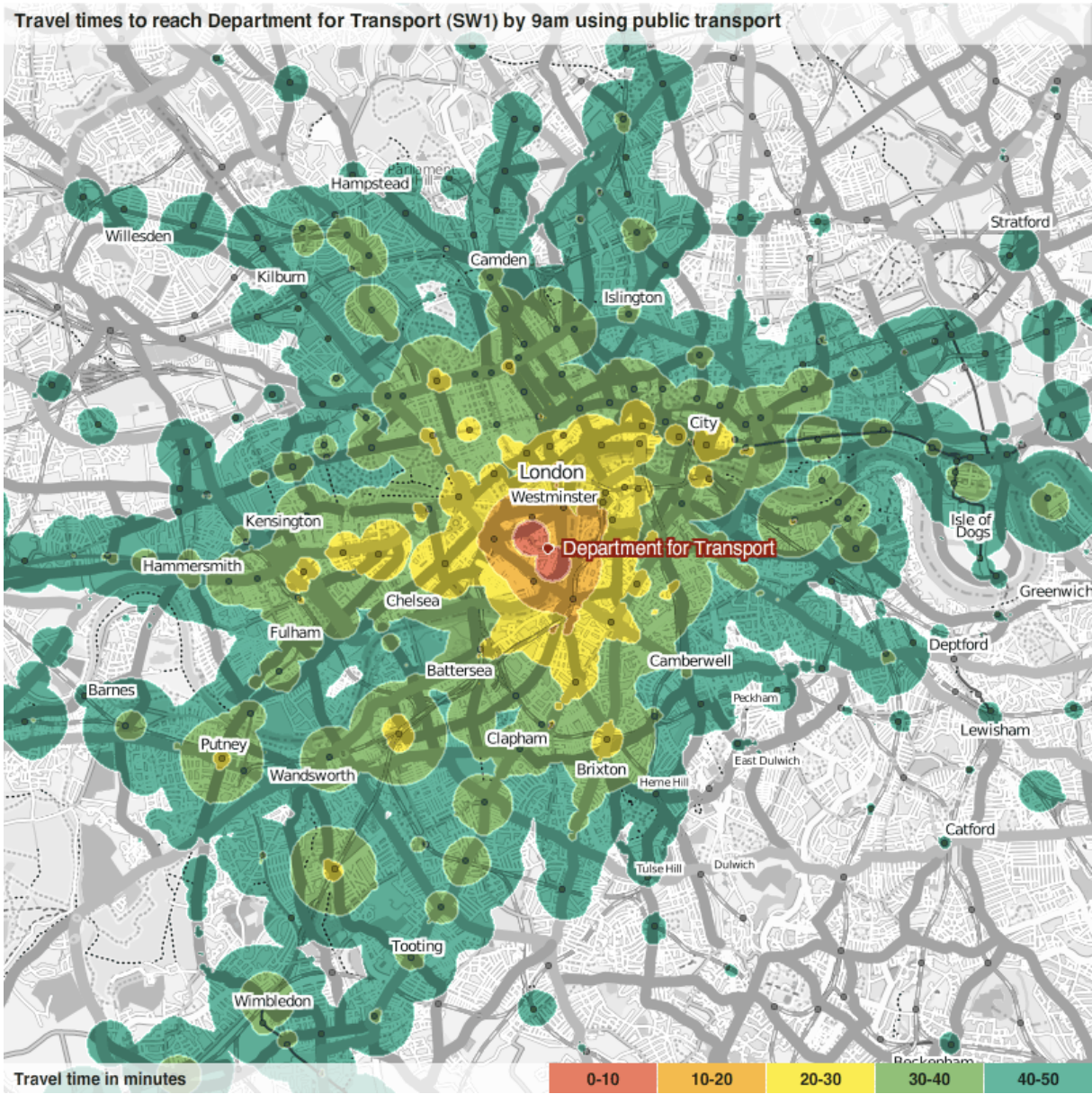
FILTER COUNTIES

All counties
Metropolitan areas
... with housing bubbles
Rural areas
Manufacturing centers

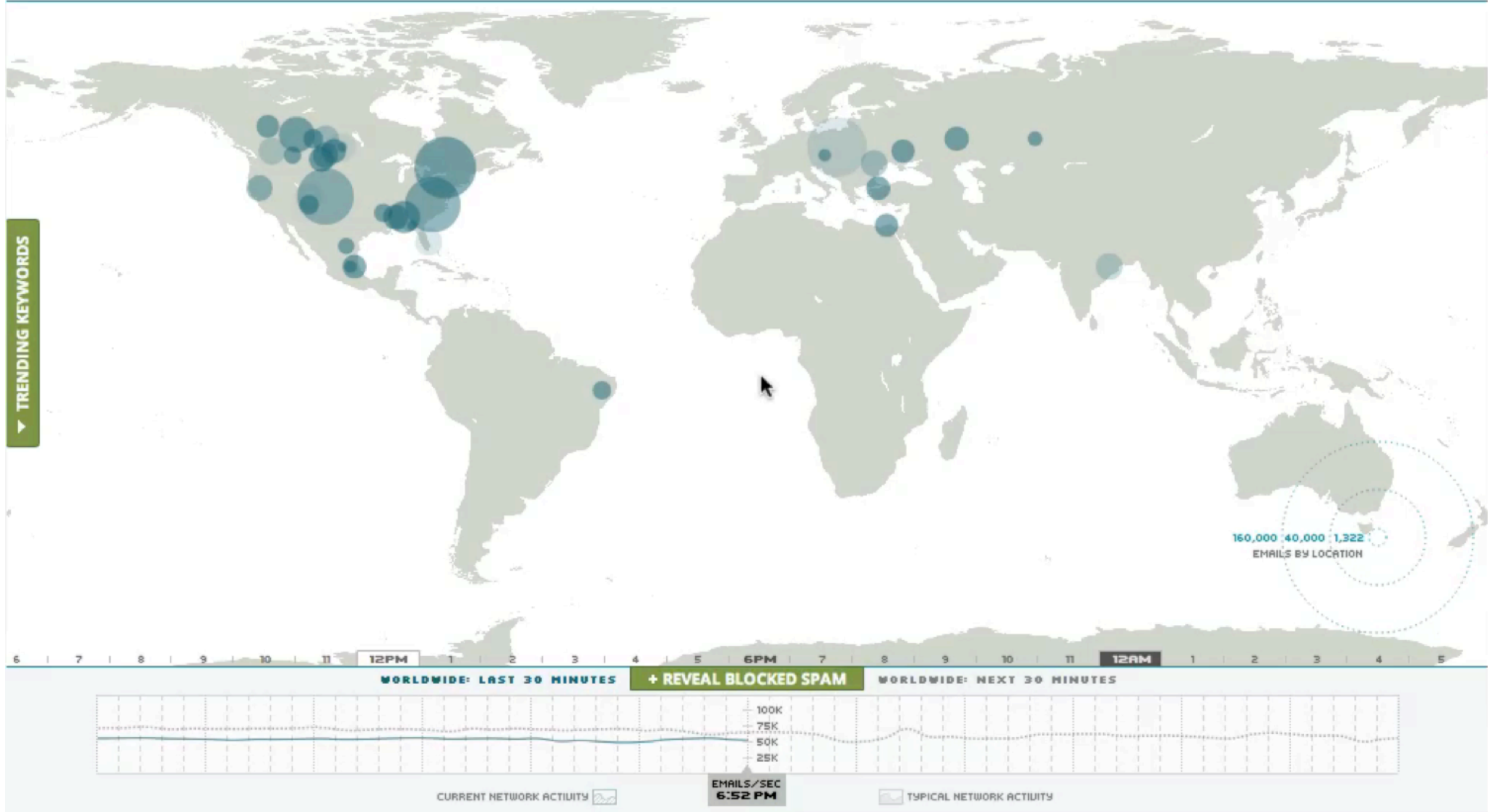


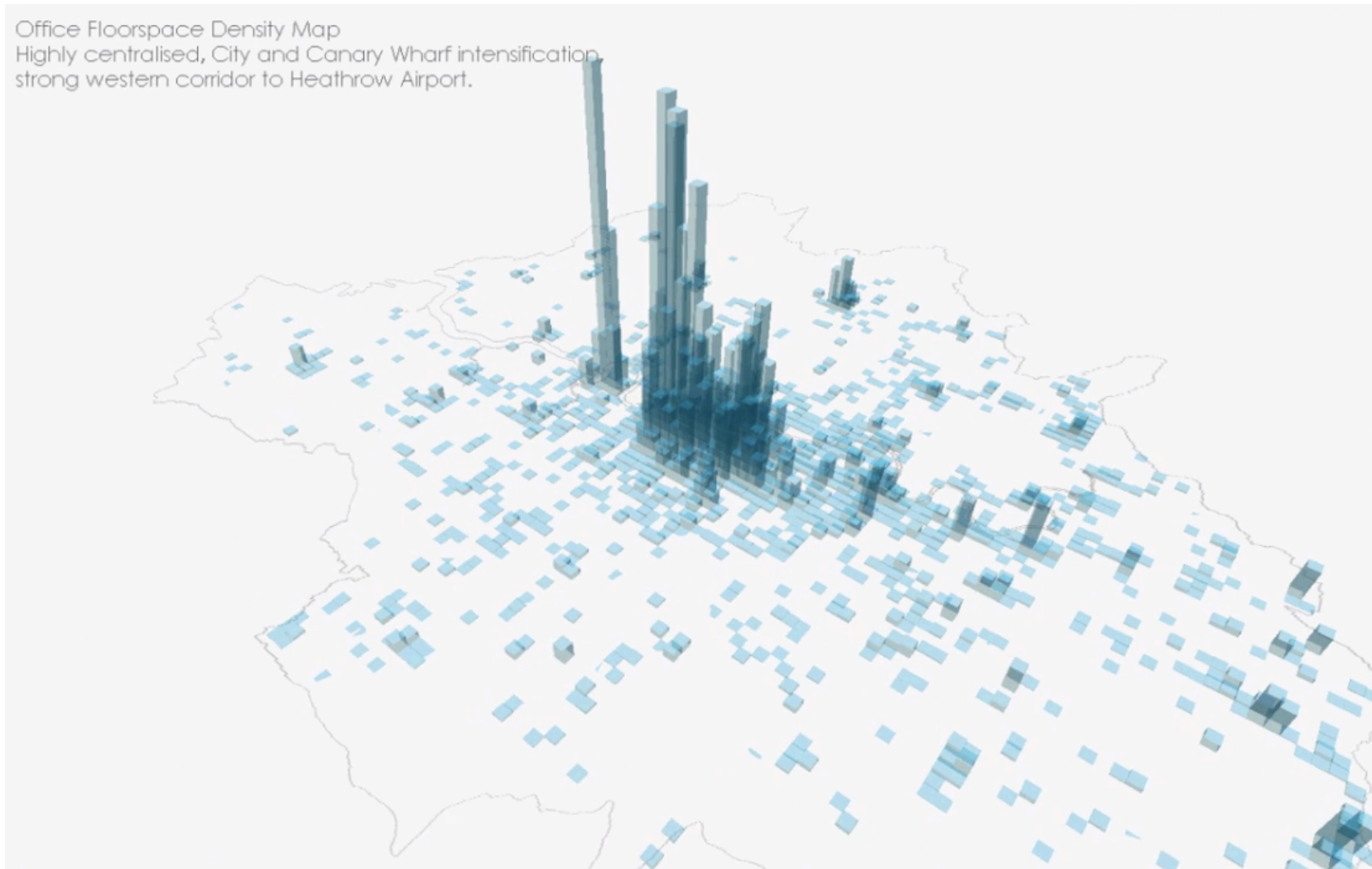
Contour Map

Area | Size, colour



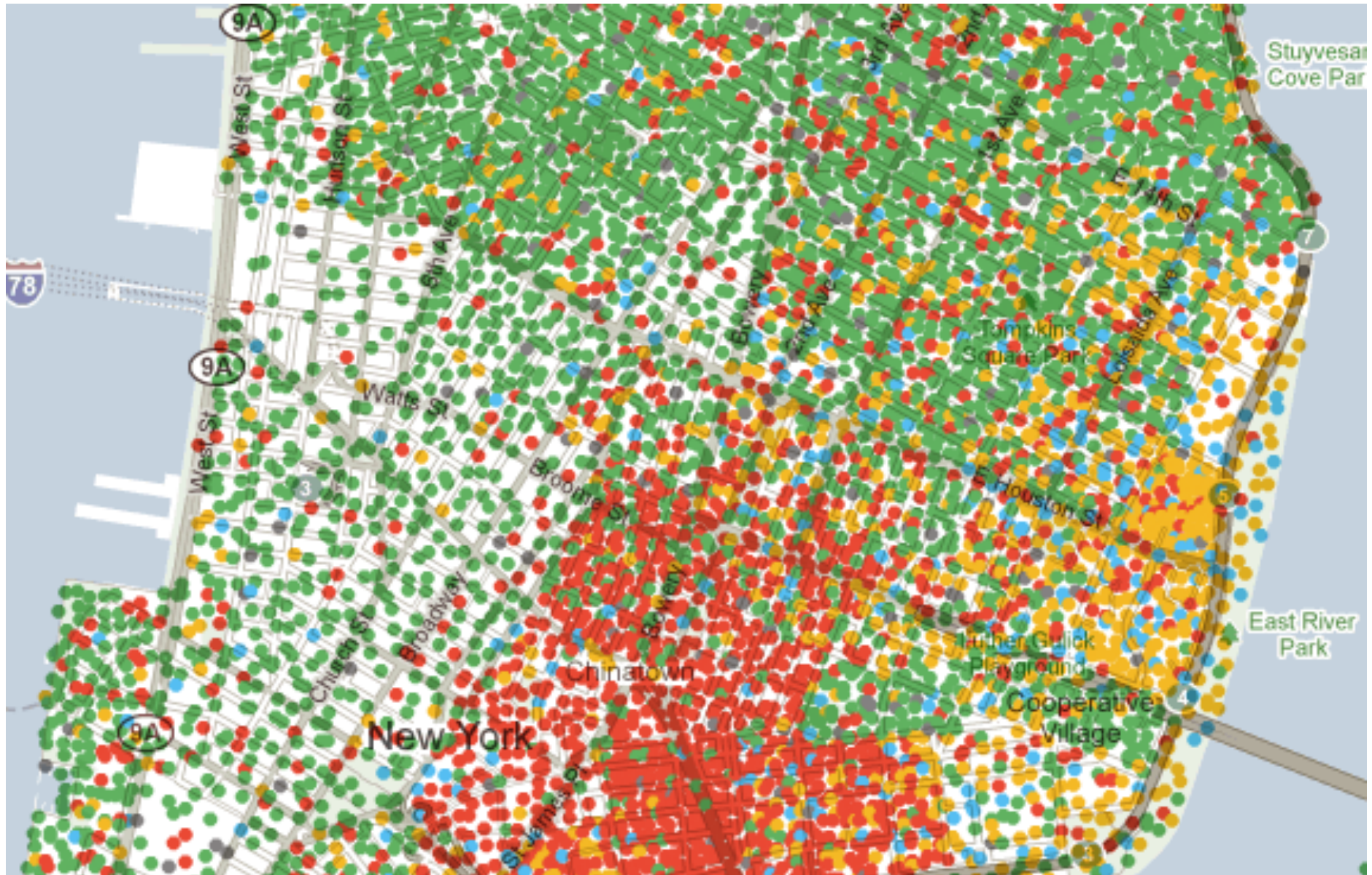
THE Yahoo! MAIL NETWORK IS DELIVERING **57,520** EMAILS PER SECOND WORLDWIDE.





Dot Map

Point | Position, position, colour



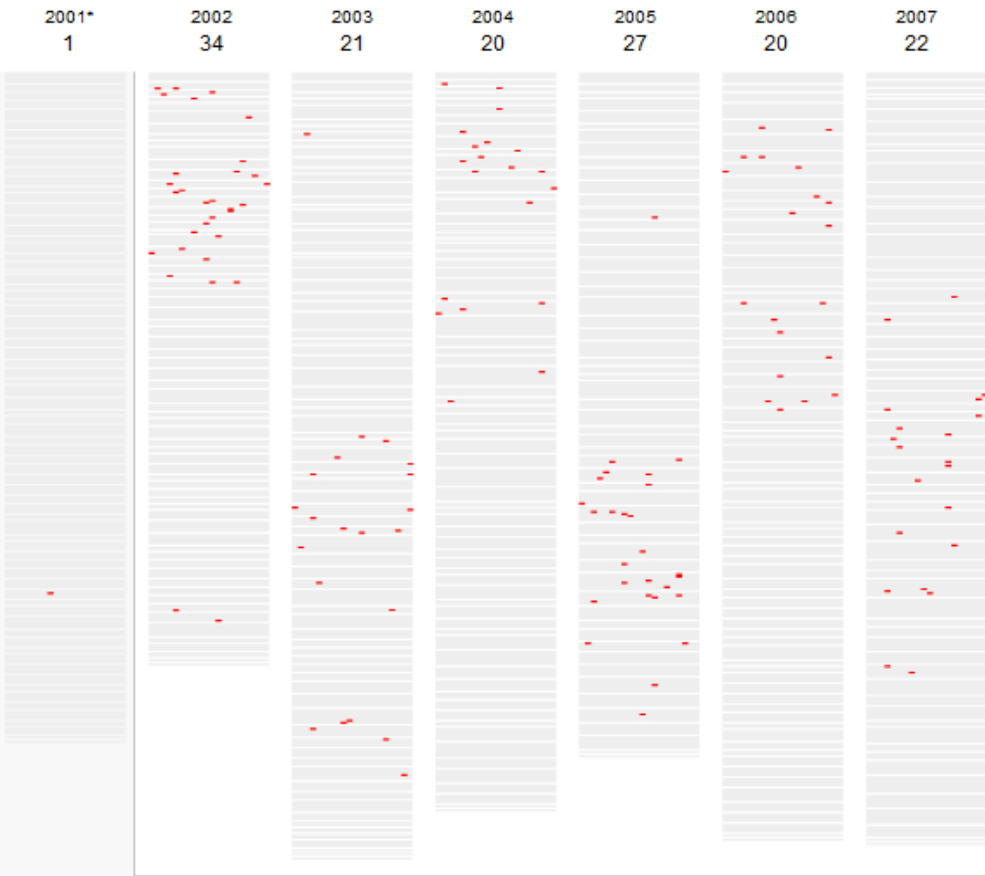
The 2007 State of the Union Address

Over the years, President Bush's State of the Union address has averaged almost 5,000 words each, meaning the the President has delivered over 34,000 words. Some words appear frequently while others appear only sporadically. Use the tools below to analyze what Mr. Bush has said.

Search

or choose a word here.

Use of the phrase "Terror" in past State of the Union Addresses



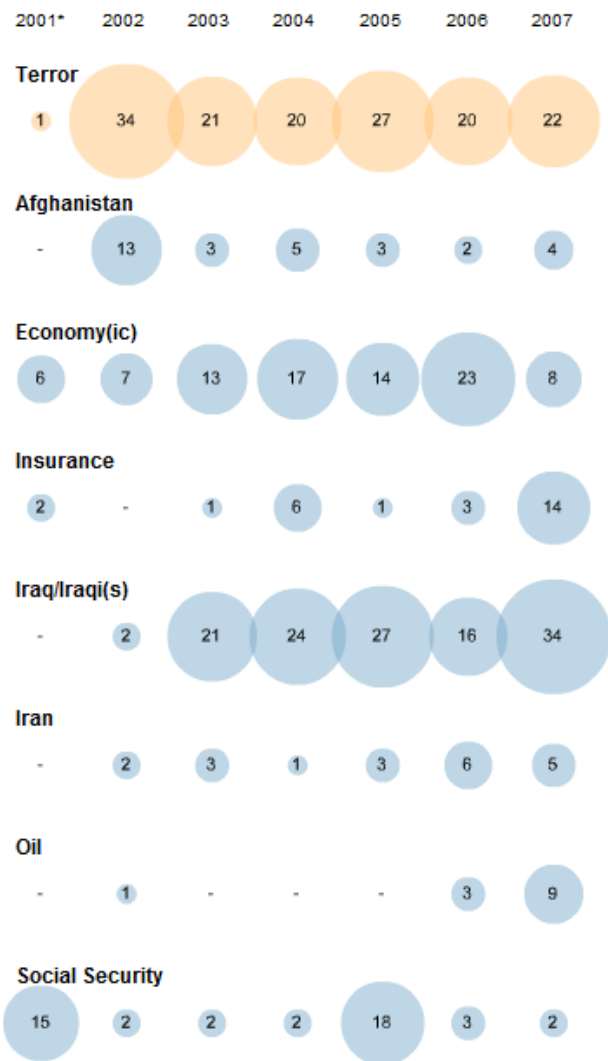
The word in context

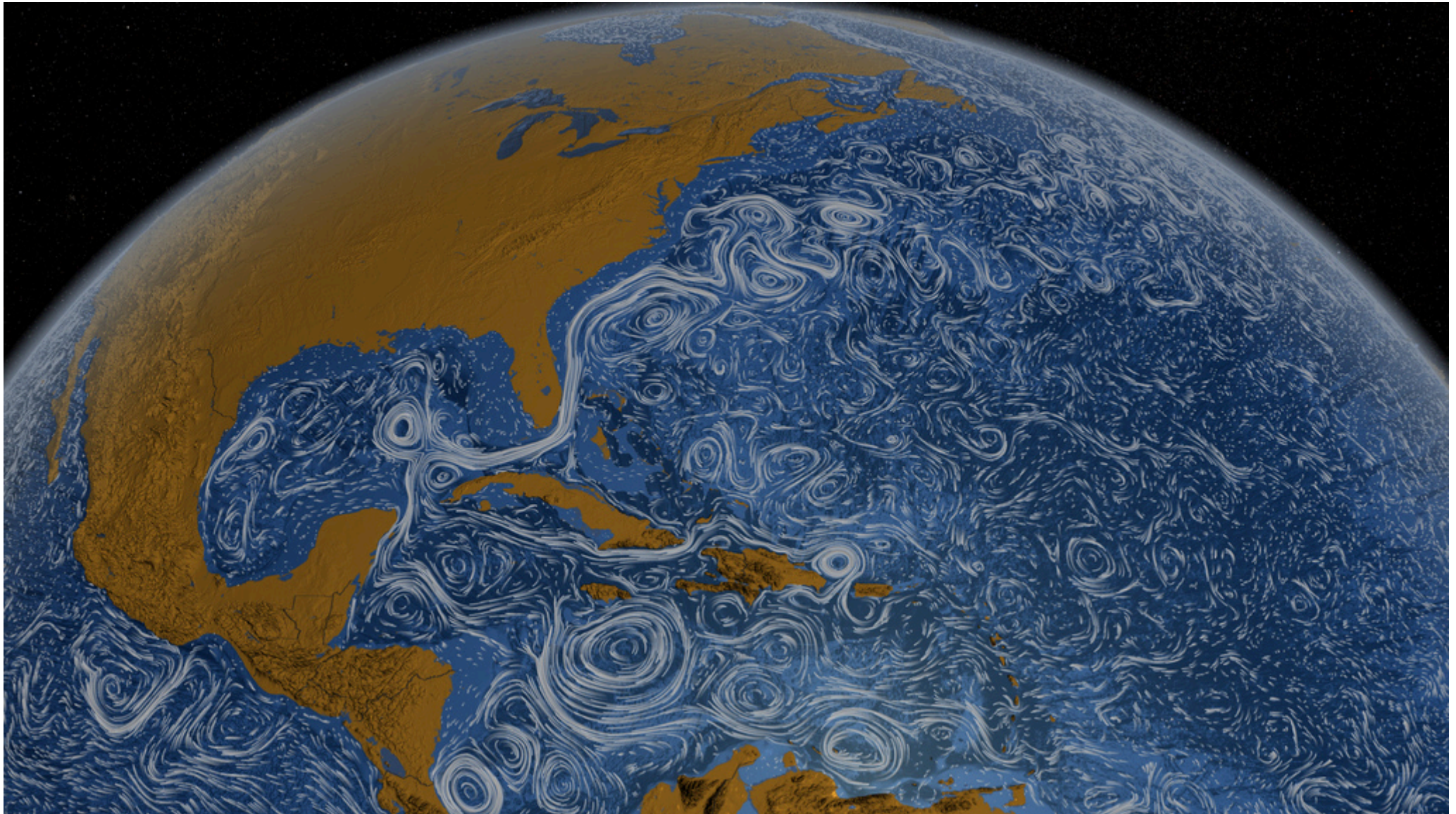
Our nation also needs a clear strategy to confront the threats of the 21st century -- threats that are more widespread and less certain. They range from **TERRORISTS** who threaten with bombs to tyrants in rogue nations intent upon developing weapons of mass destruction. To protect our own people, our allies and friends, we must develop and we must deploy effective missile defenses.

-- 2001 (Paragraph 56 of 73)

Next Instance of "Terror"

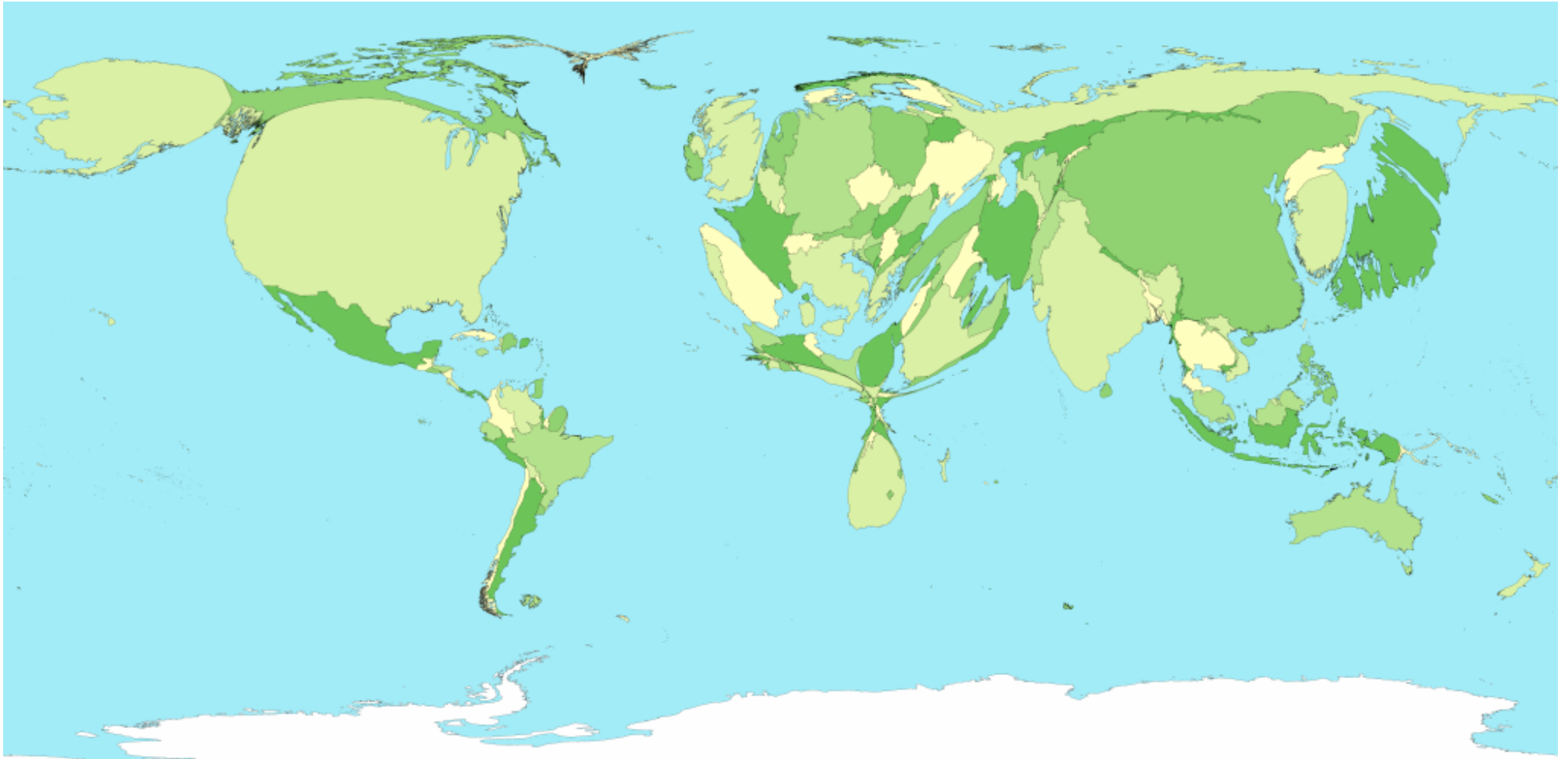
Compared with other words







GEOGRAPHIC DISTORTIONS



Climate change

Hot spots - the carbon atlas

This week's Bali meeting highlighted just how difficult it will be to secure an international agreement to reduce greenhouse gas levels by enough to save the earth from catastrophic temperature rises. This map, showing countries according to their emissions, shows why an international deal is needed – and why only one binding the big polluters can succeed

