



EXPERIMENTS WITH THEMATIC MAPS

Kenneth Field

**Some
problems**

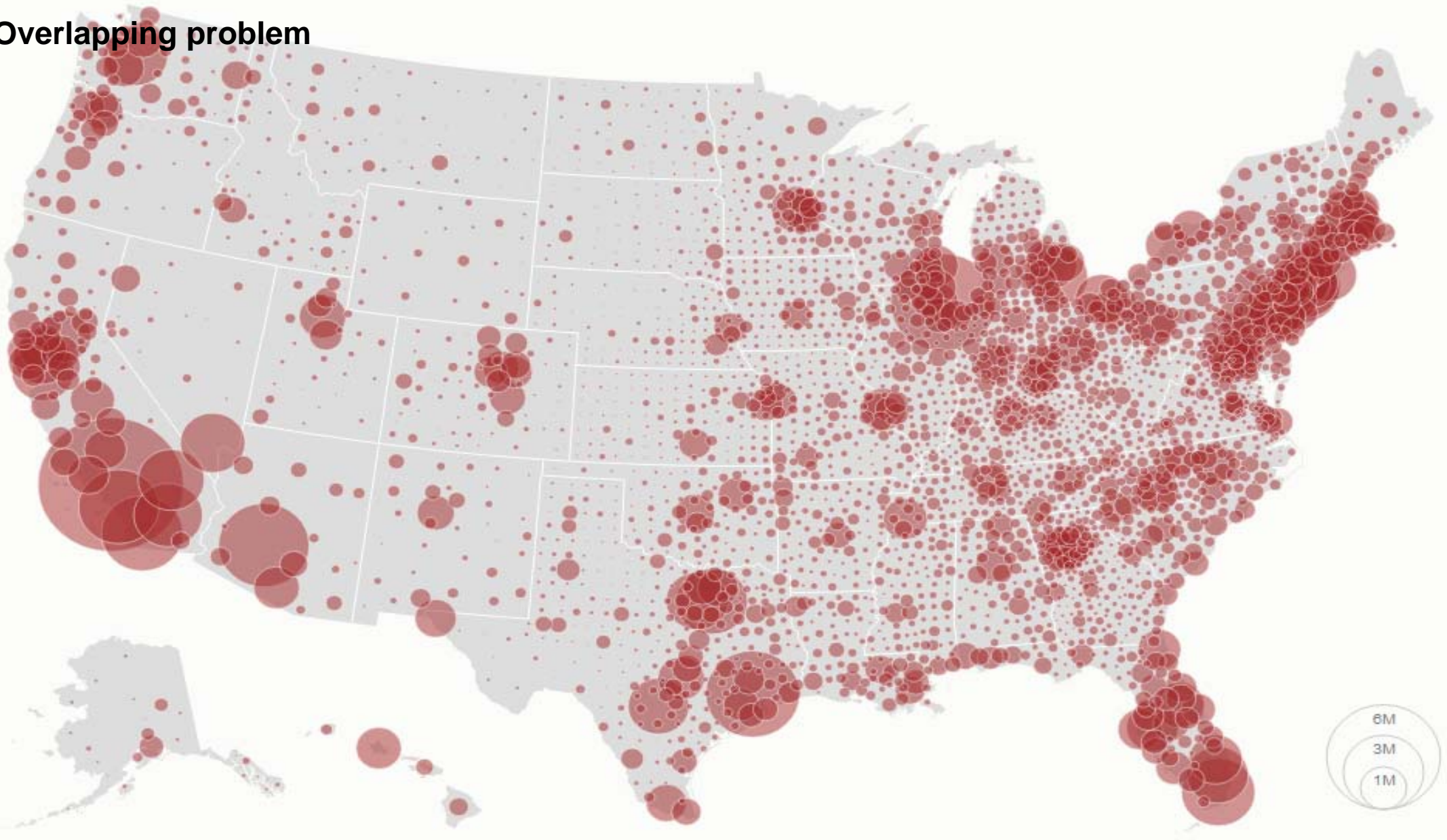
Normalizing
problem



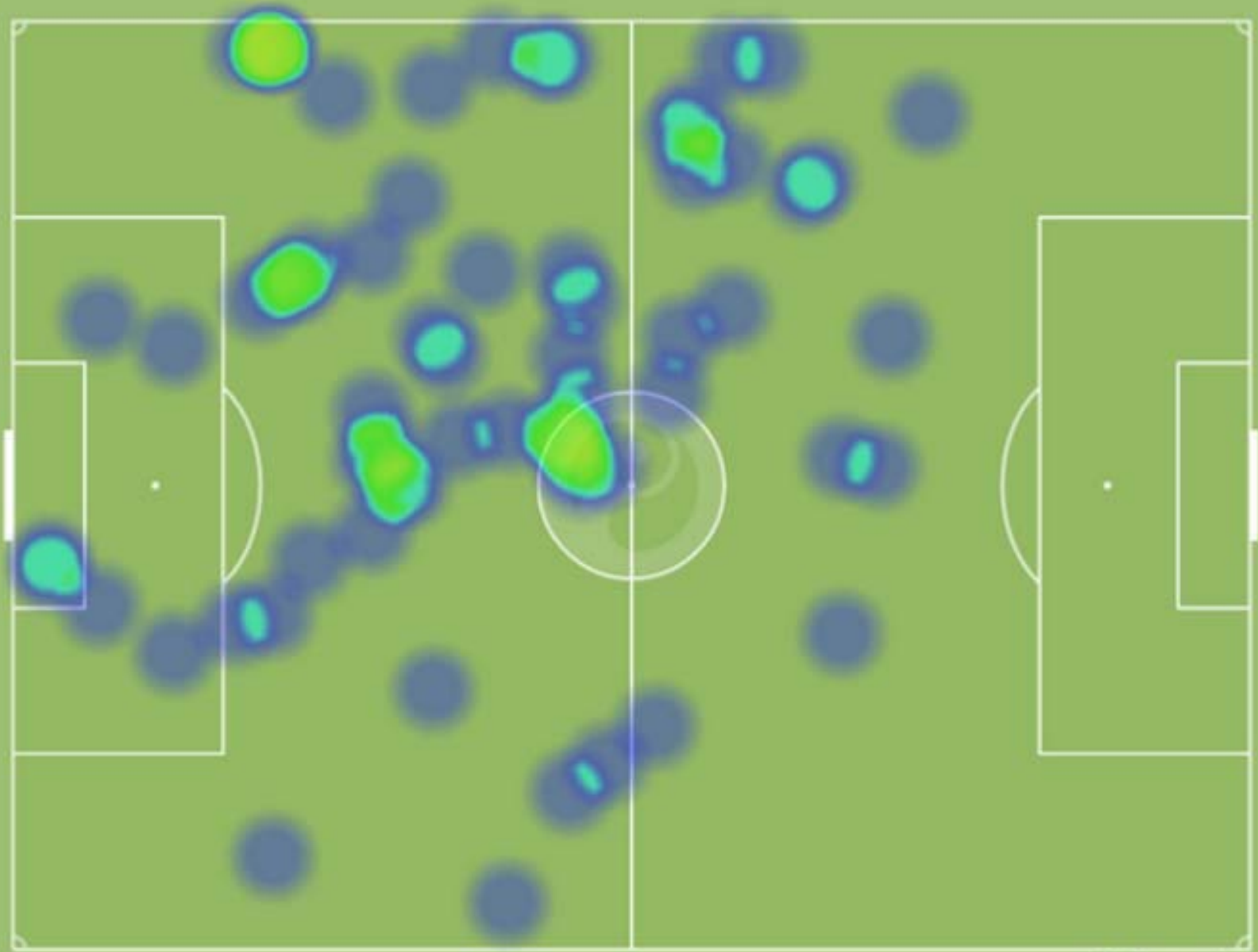
Blending problem



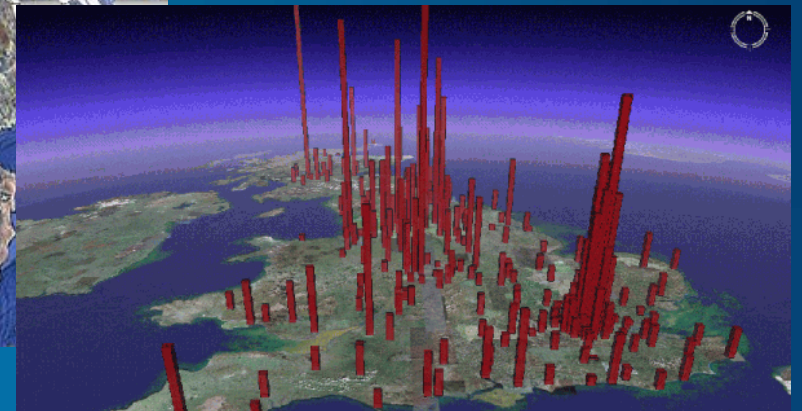
Overlapping problem



Messi problem



3D extrusion and foreshortening problem



The viral problem

Graphic Science

True Size of Africa

The most prevalent flat maps make Africa appear much smaller than it is

On a flat map of the world, Greenland appears as big as Africa. In fact, Africa is 14 times larger. The distortion arises from a mathematical process, known as the Mercator projection, that converts the earth's spherical surface to a handy two-dimensional rectangle. The result is that the area of landmasses becomes increasingly exaggerated toward the poles. Africa should be shown to be larger than many big countries taken together. To correct widespread misconceptions, Kai Krause, a designer and author, devised a puzzle to show the true relations among landmasses (above). Understanding Africa's immense size helps us appreciate how difficult it may be to solve the continent's poverty and drought problems.

—Mark Fischetti

When shown in proper proportions, Africa swallows up China, India, the contiguous U.S. and much of Europe. Think of a world globe as a hollow crust: pop out the landmasses and set those slightly curved pieces onto Africa.

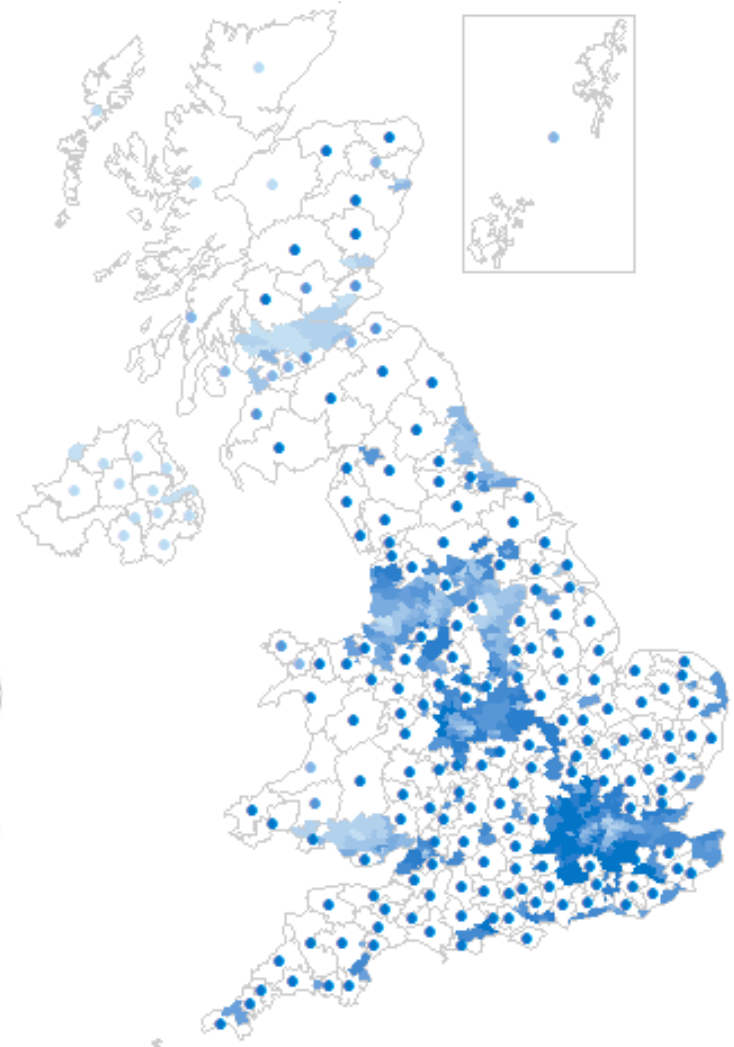
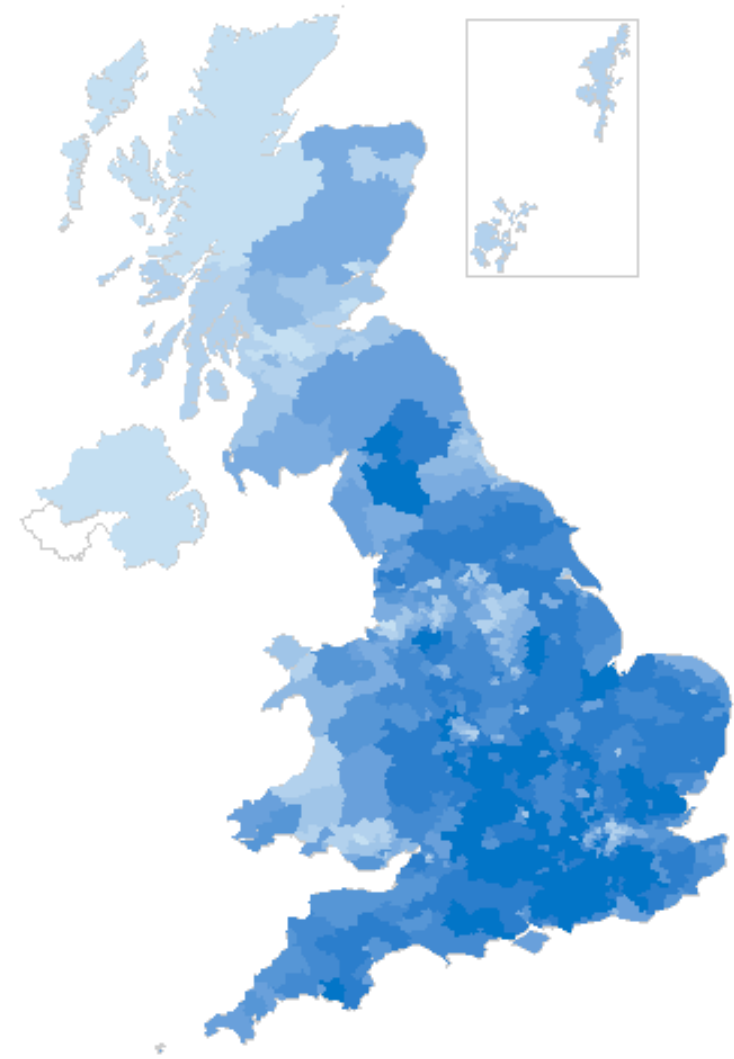


SOURCE: GRAPHICSCIENCE.COM

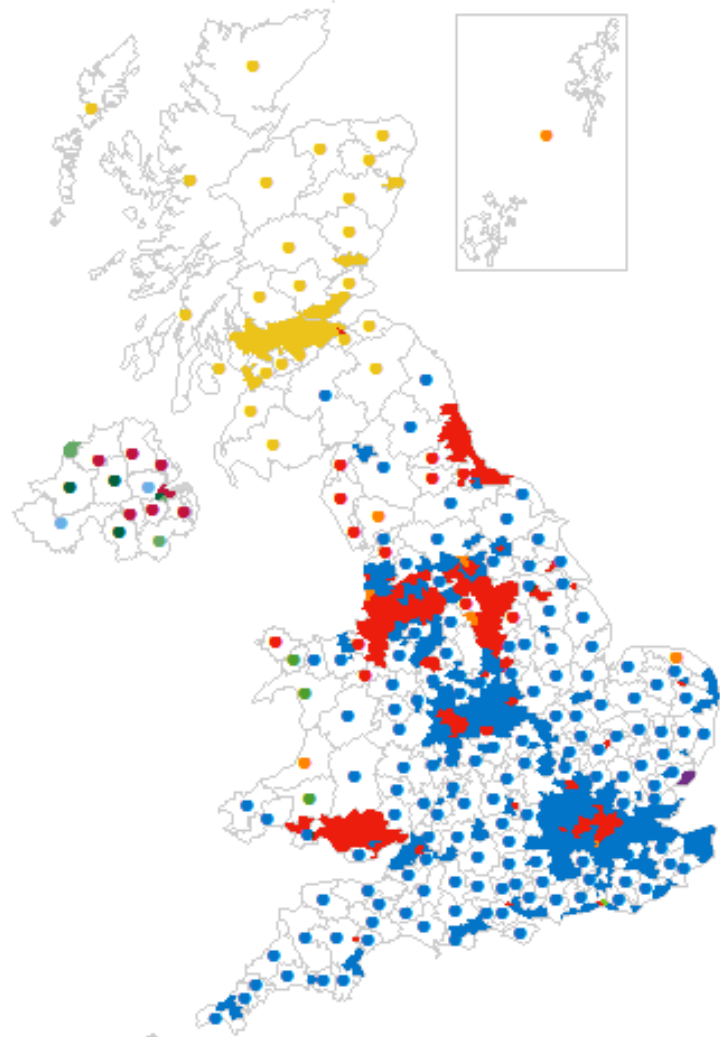
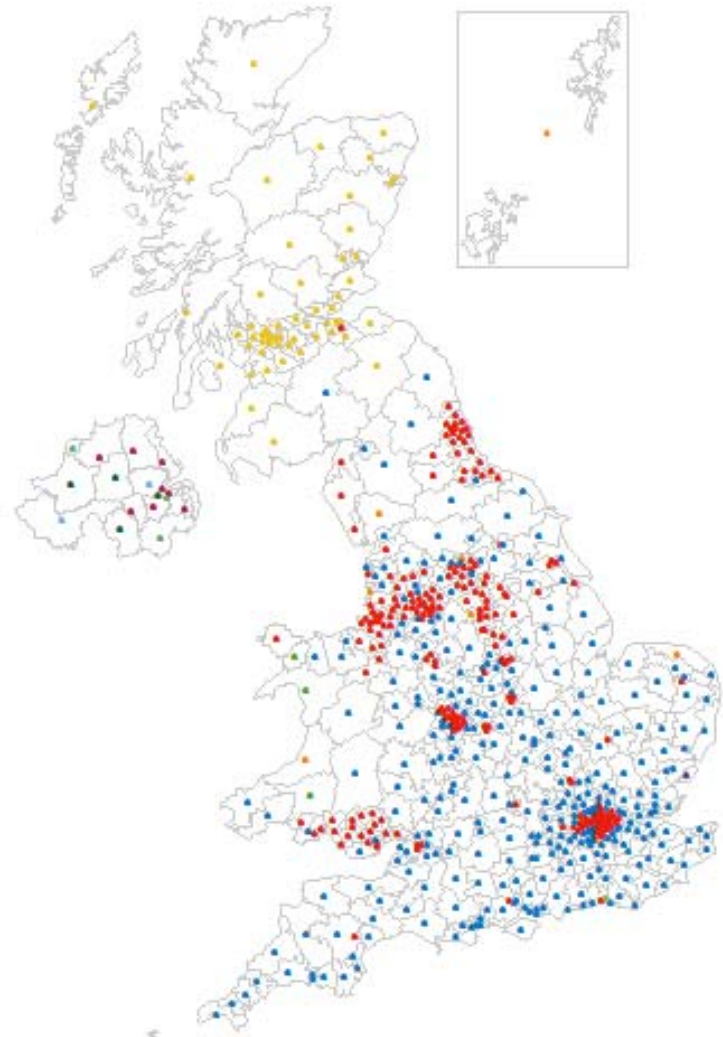
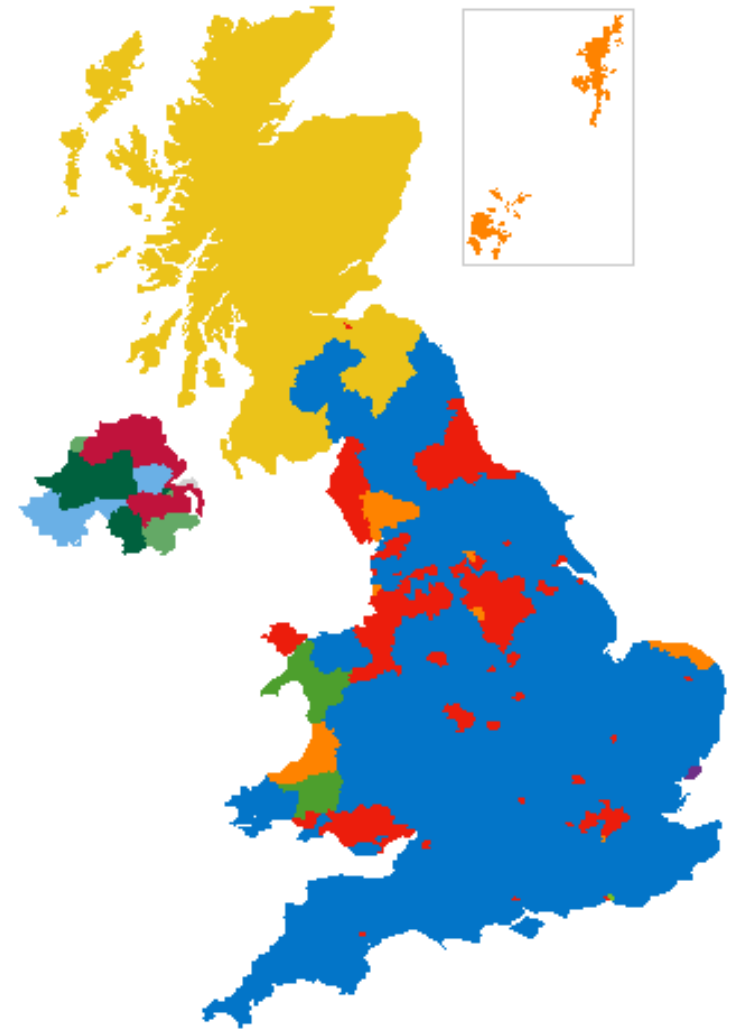


Some experiments

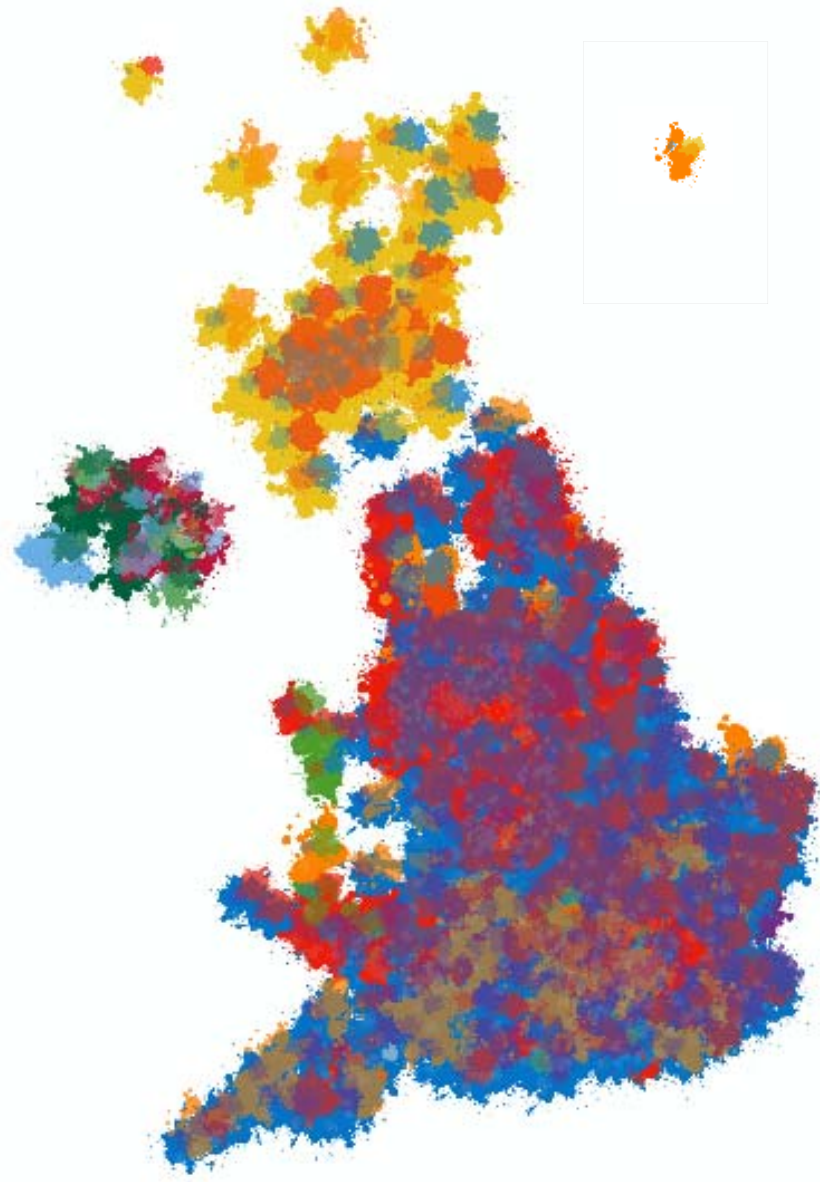
Choropoint



Choropoint

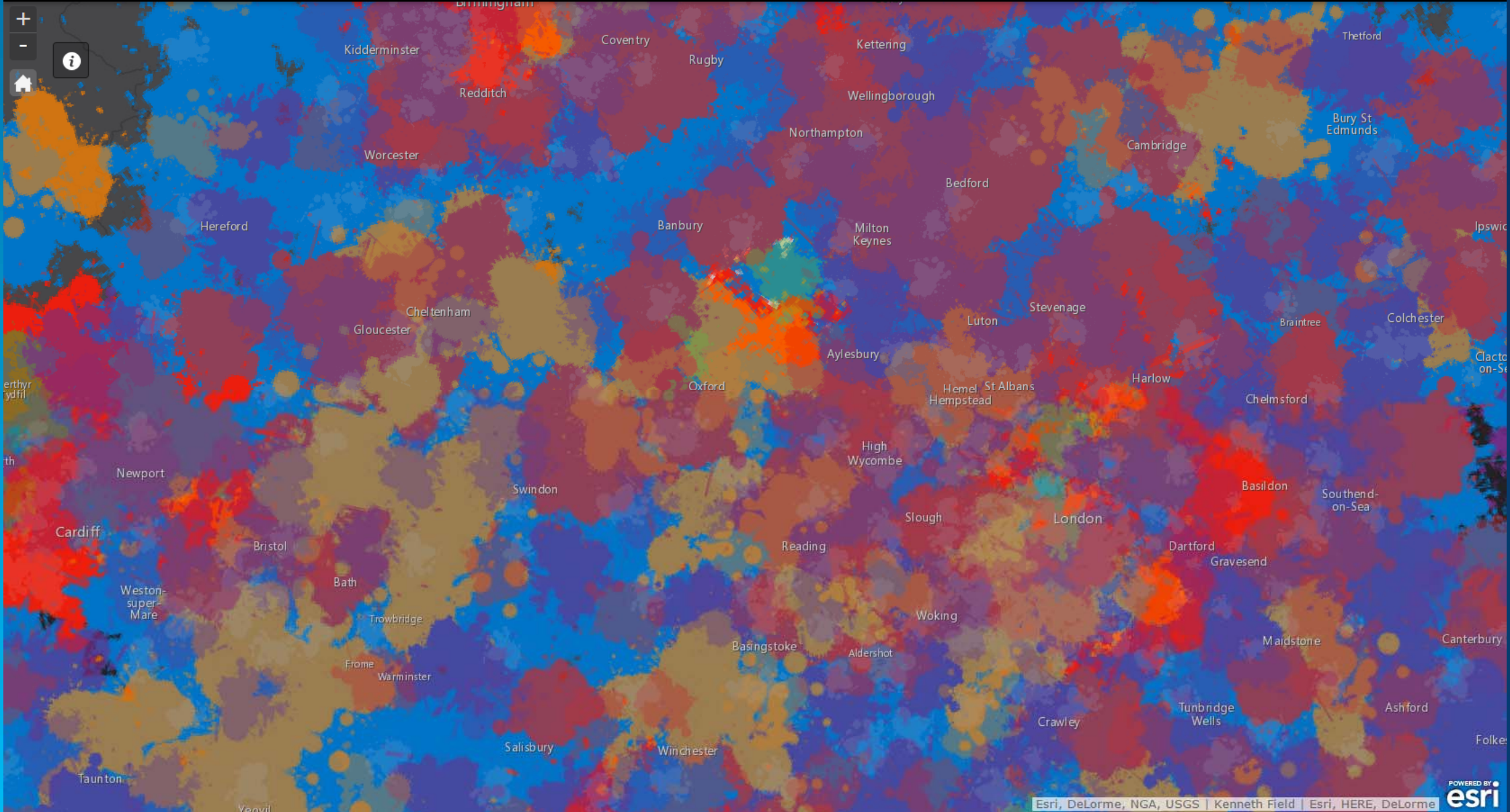


Chromess



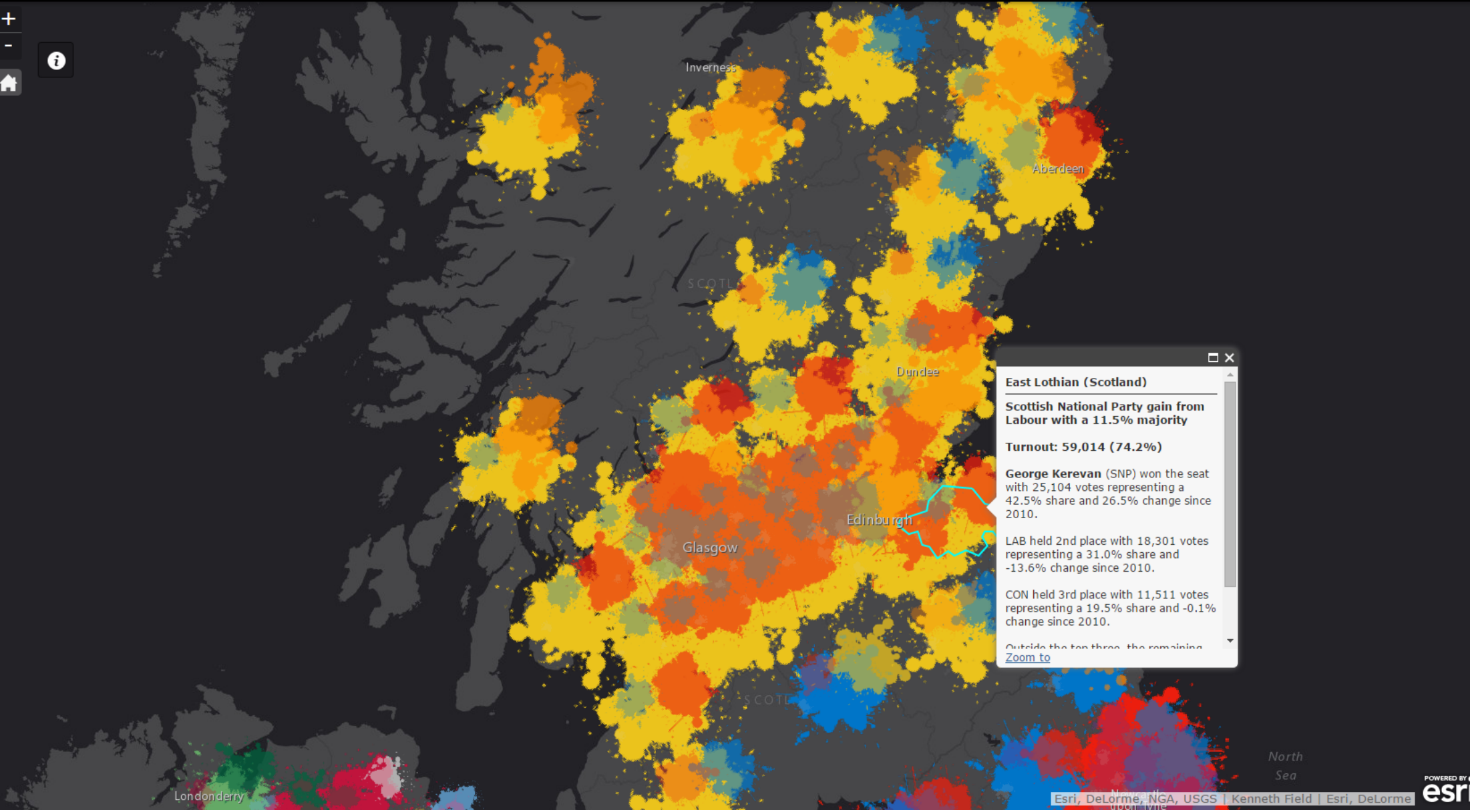
Election Pollocks

Jackson Pollock inspired map of 2015 UK General Election results (click for results)



Election Pollocks

Jackson Pollock inspired map of 2015 UK General Election results (click for results)



East Lothian (Scotland)

Scottish National Party gain from Labour with a 11.5% majority

Turnout: 59,014 (74.2%)

George Kerevan (SNP) won the seat with 25,104 votes representing a 42.5% share and 26.5% change since 2010.

LAB held 2nd place with 18,301 votes representing a 31.0% share and -13.6% change since 2010.

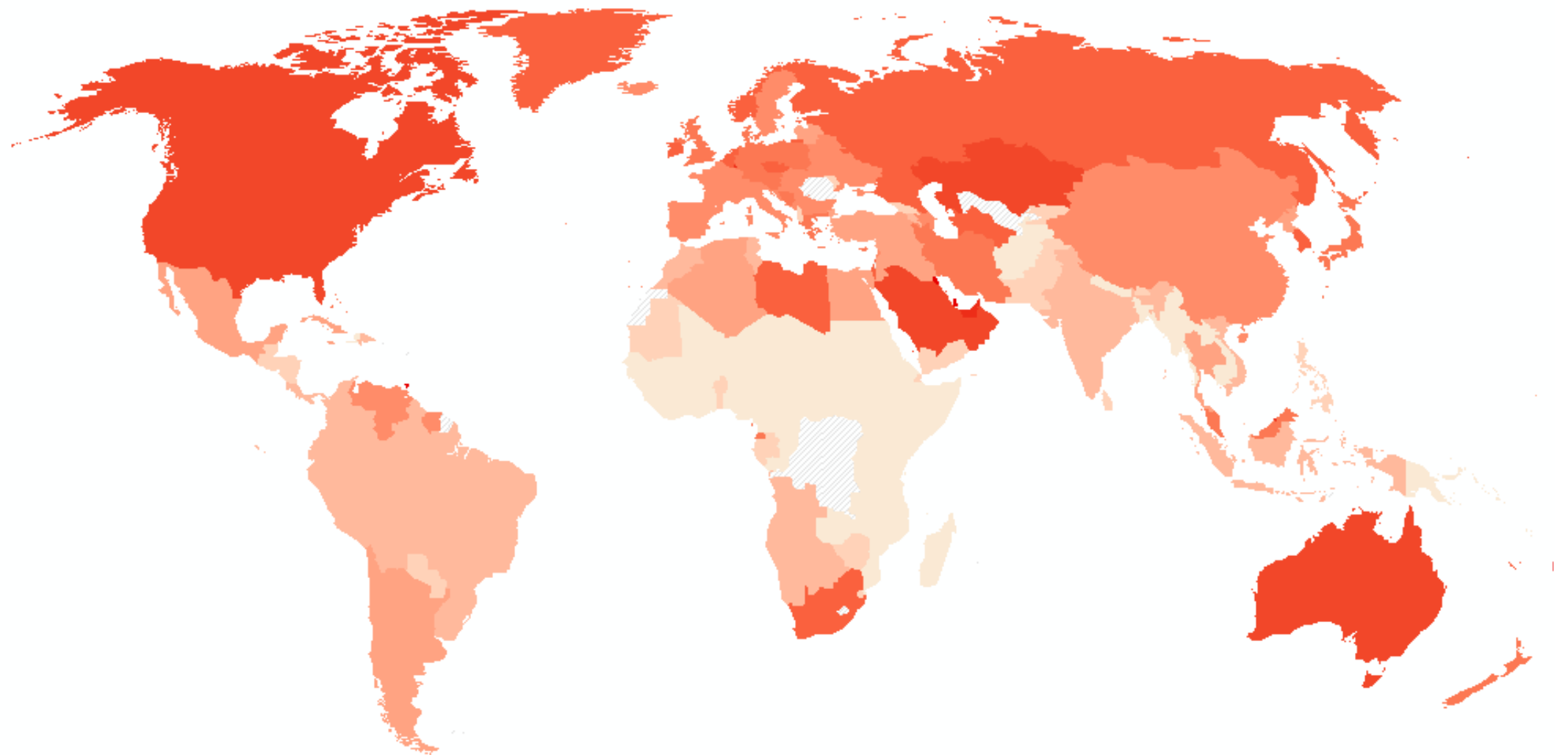
CON held 3rd place with 11,511 votes representing a 19.5% share and -0.1% change since 2010.

Outside the top three, the remaining [Zoom to](#)

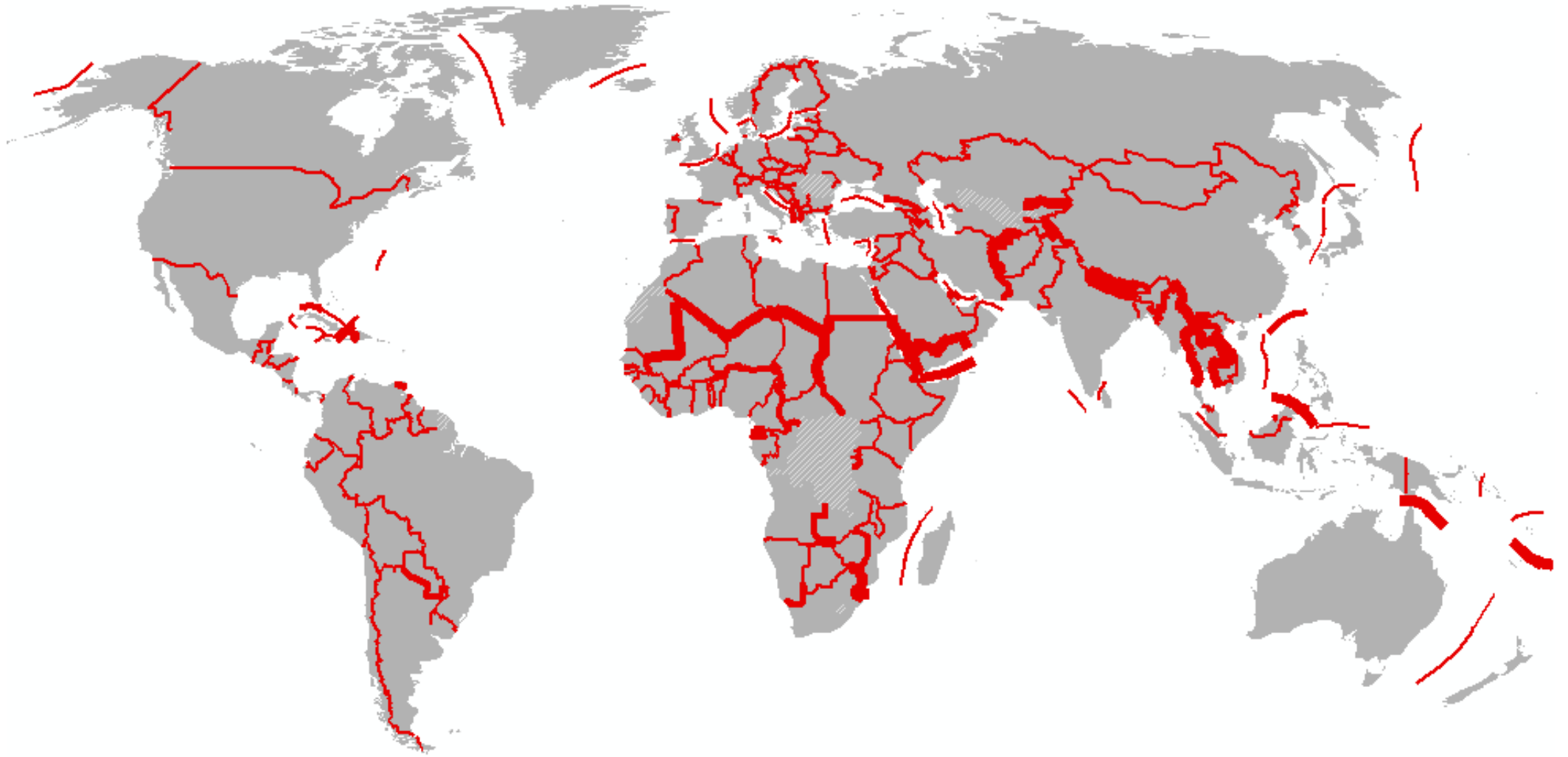
Londonderry

North Sea

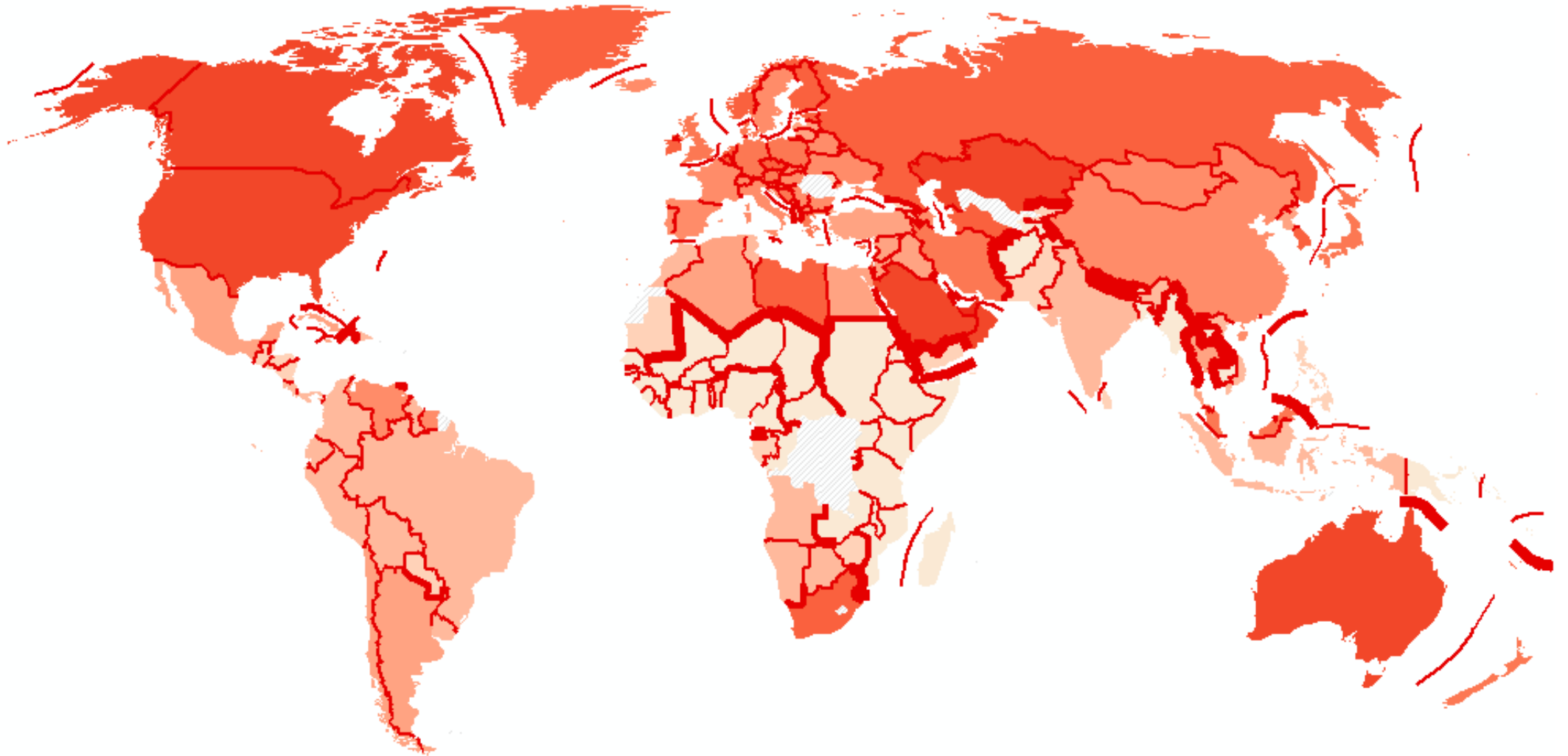
CO² emissions per capita



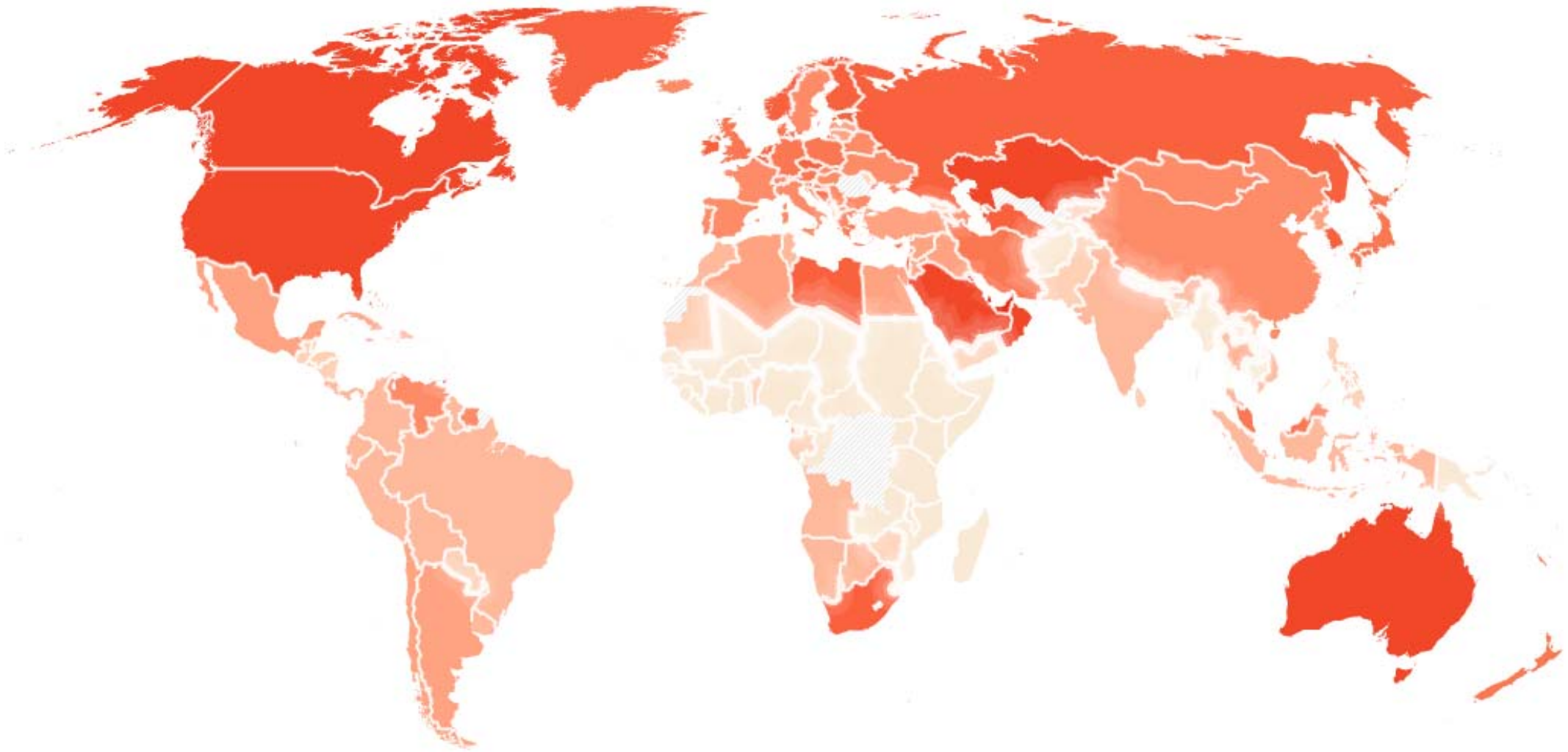
Proportional Line



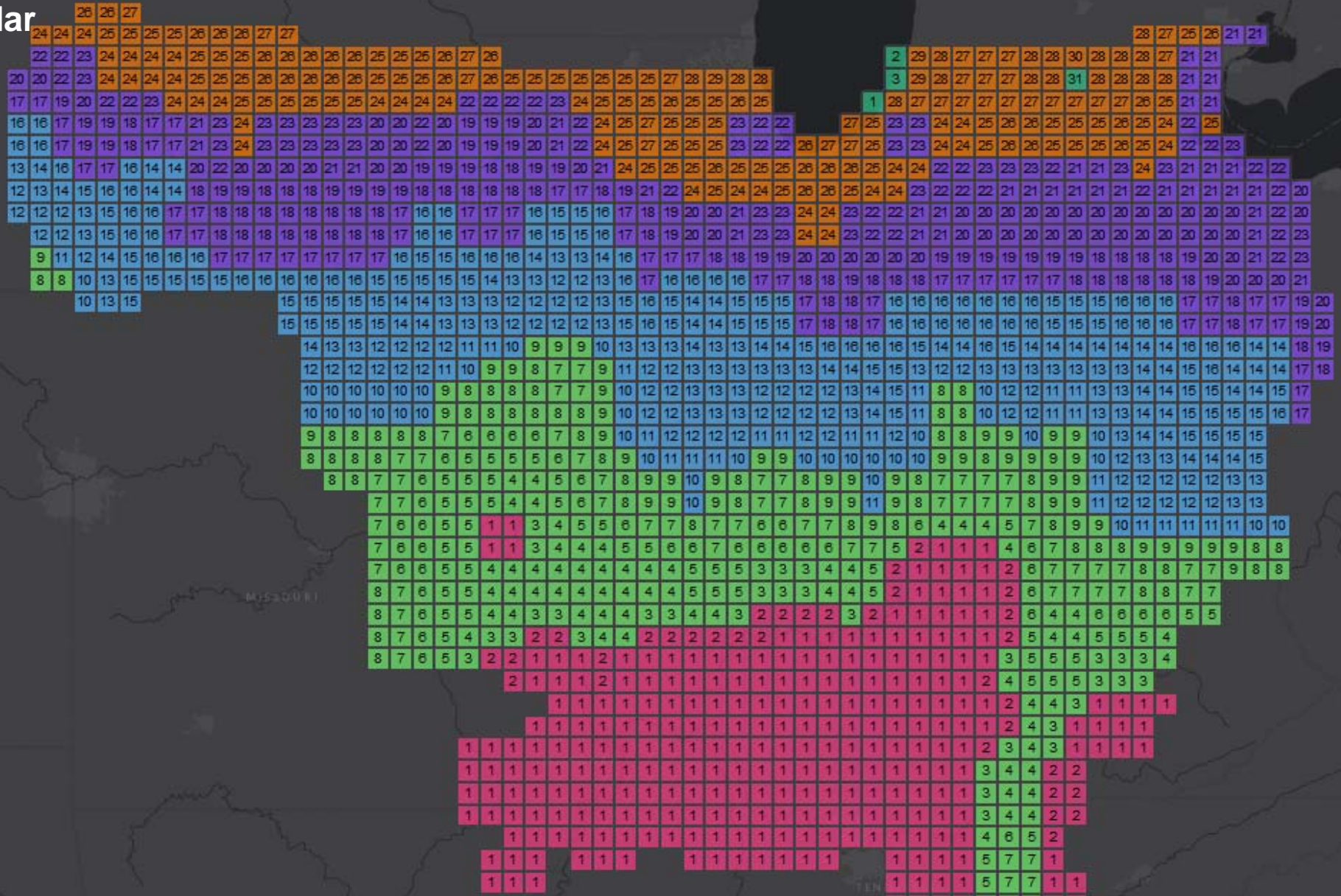
Choropleth with an overplotted proportional line



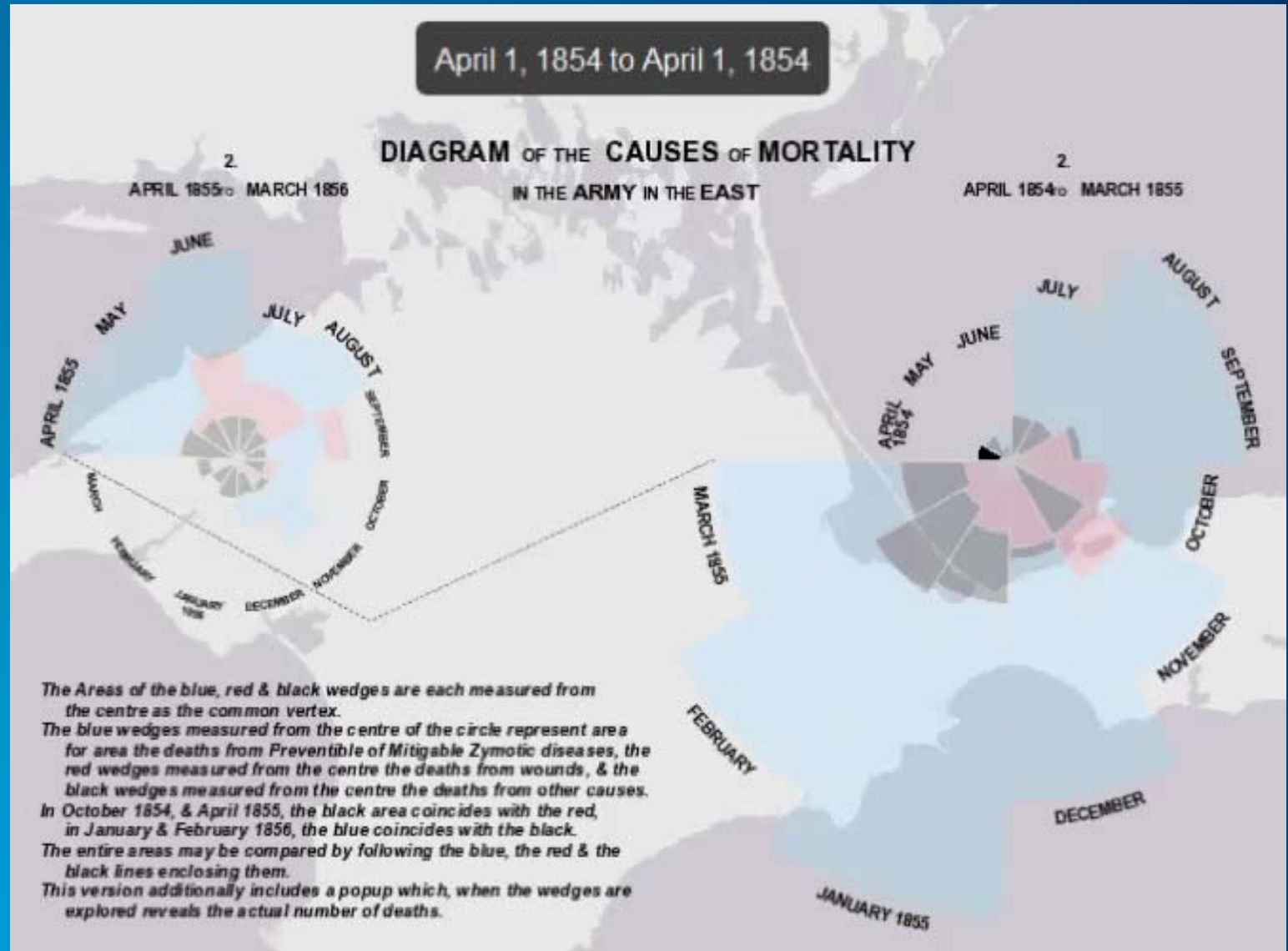
Choroblend



Map Calendar



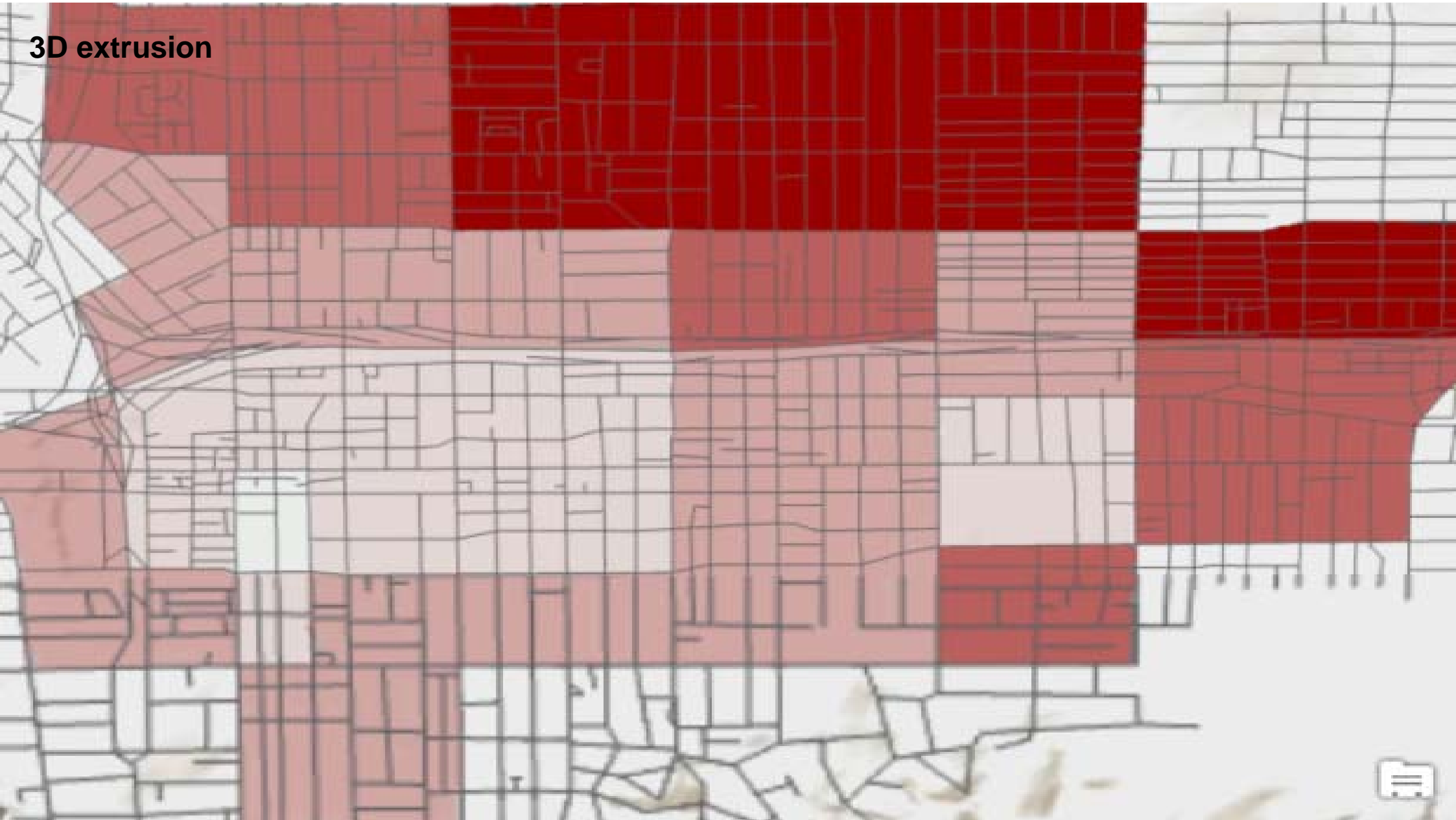
Temporal coxcombs



3D coxcombs



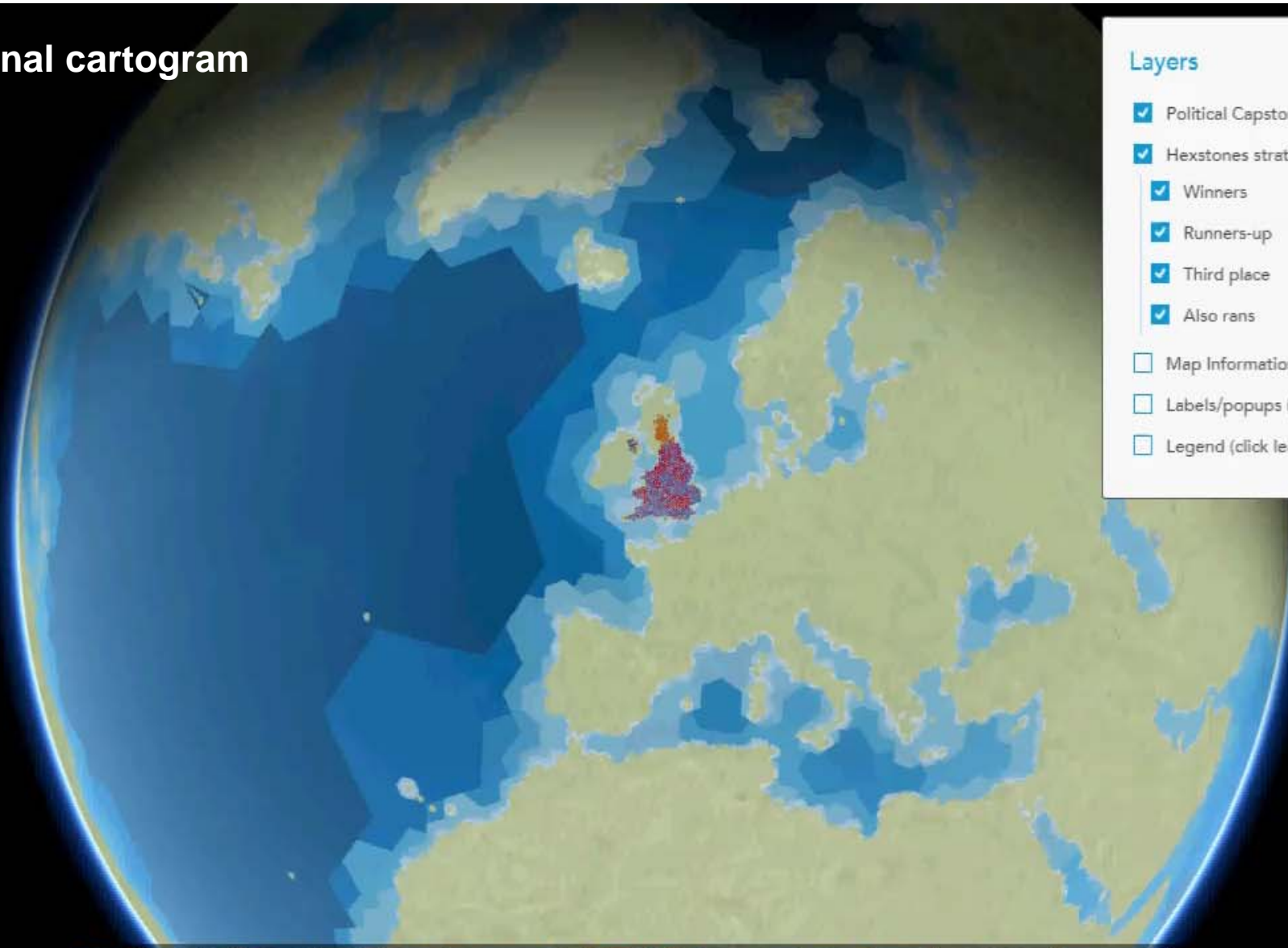
3D extrusion



Thematic dioramas



3D hexagonal cartogram



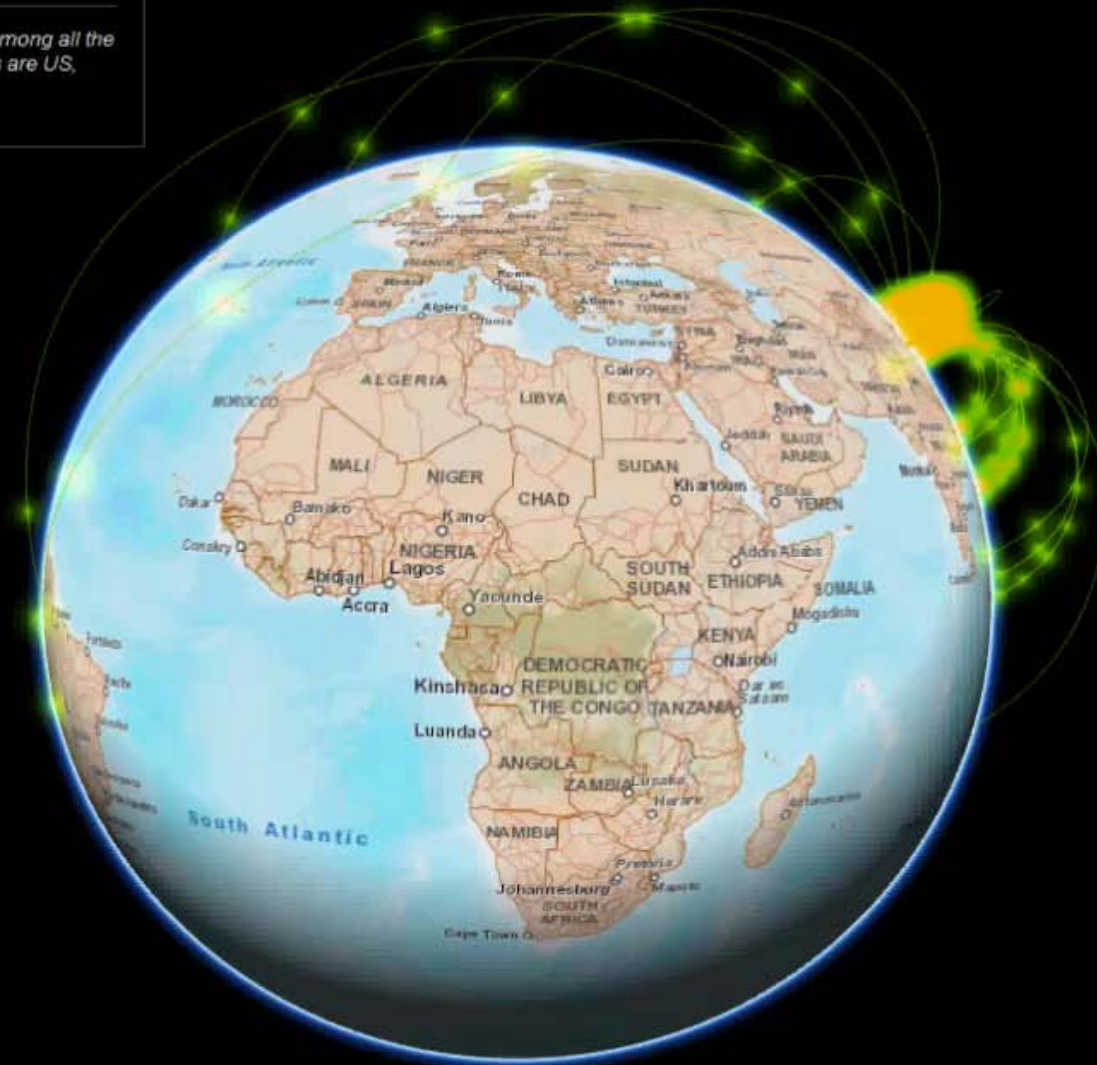
Layers [X]

- Political Capstones
- Hexstones stratigraphy
 - Winners
 - Runners-up
 - Third place
 - Also rans
- Map Information Point
- Labels/popups (click leader tip)
- Legend (click leader tip)



The emigrant of China

By 2013, the number of the emigrants of China ranks No. 4 among all the countries. The top destination countries of Chinese emigrants are US, Canada, Australia and New Zealand.



showImmigrant	<input checked="" type="checkbox"/>
showEmigrant	<input type="checkbox"/>
immigrantColor	#59ff00
emigrantColor	#2b57bb
speed	0.5
Close Controls	

Animated flow lines

Living rhythm in BeiJing city

Rhythm of lives in BeiJing city is quicken more and more. More closer to the city centre, living pace is more faster.

upColor #59ff00

downColor #2b57bb

Close Controls

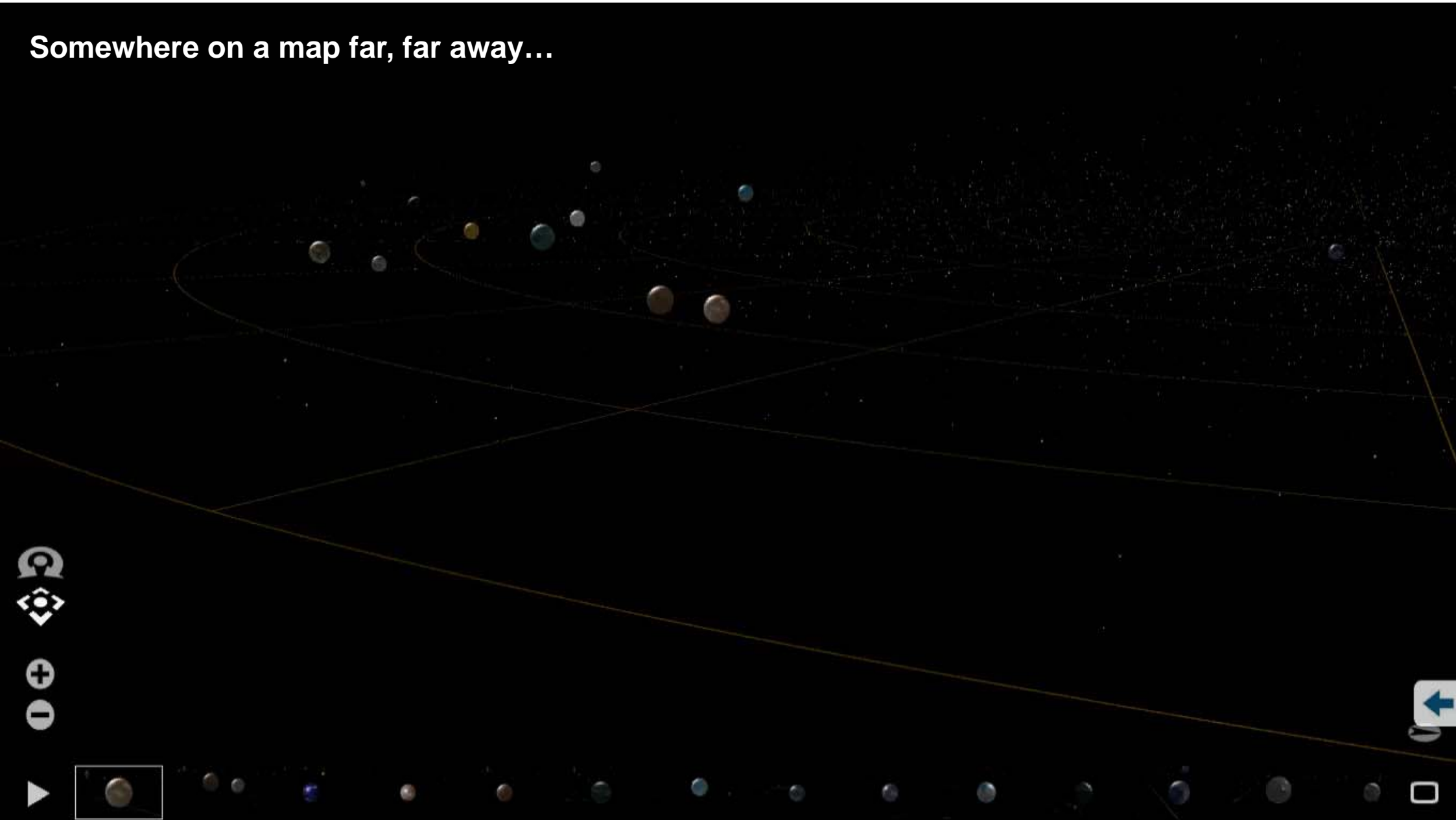


Pulsing isolines

Geo-located art



Somewhere on a map far, far away...



“It’s not that bad, anymore”

Menno-Jan Kraak, 2015

Thank you

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