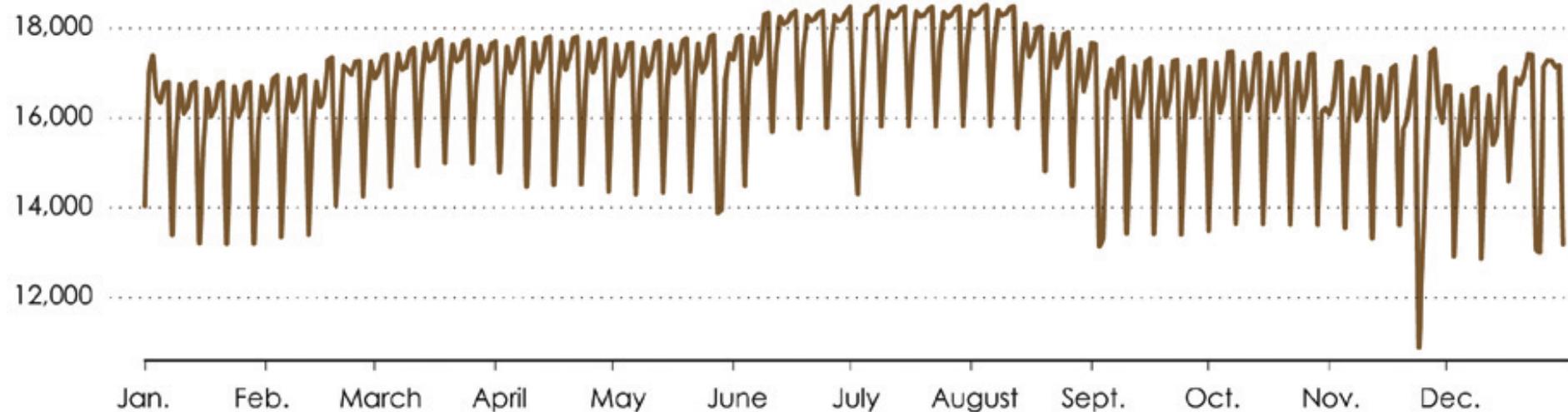
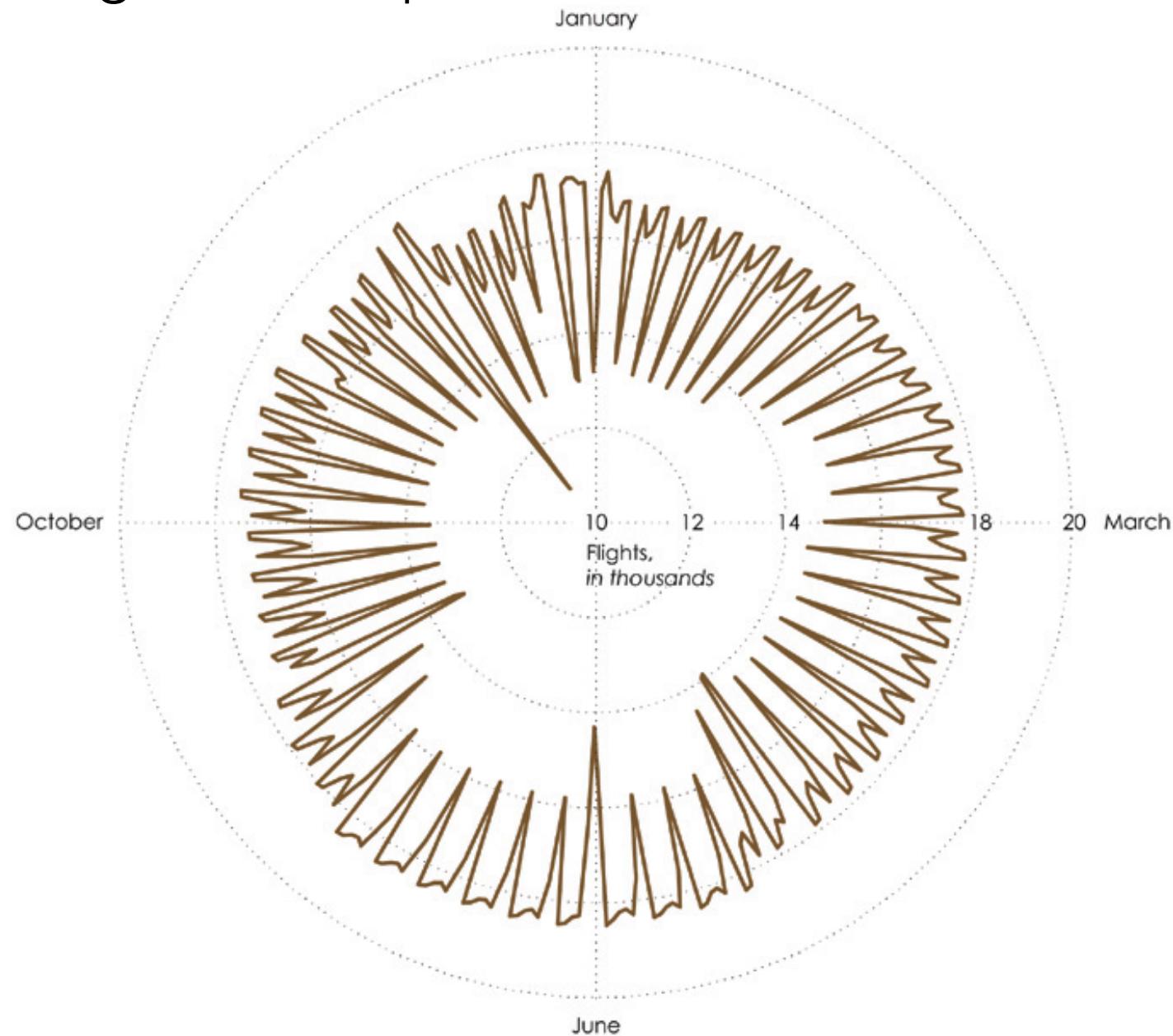


# Airline Flights Example

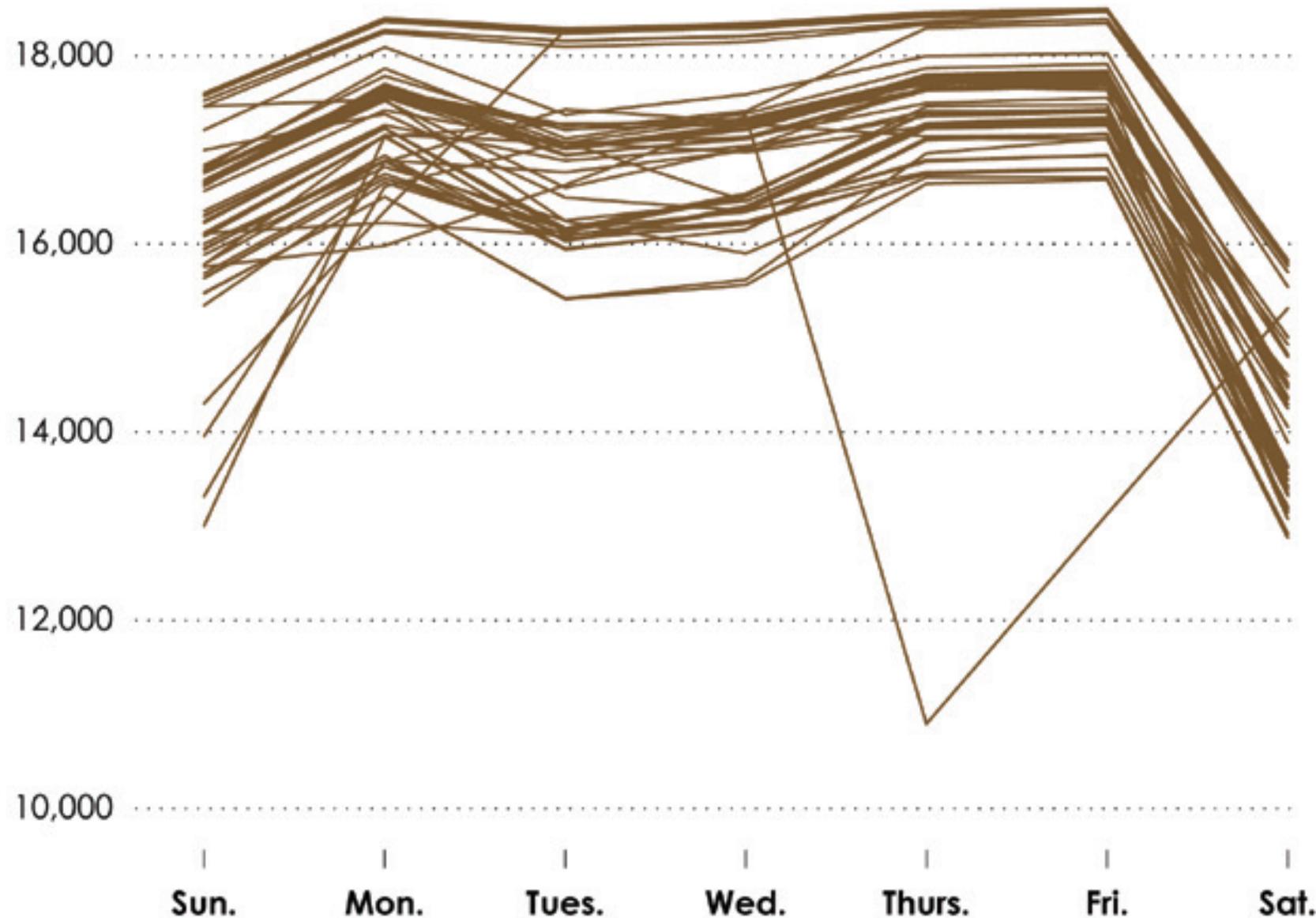
**Flights by day**



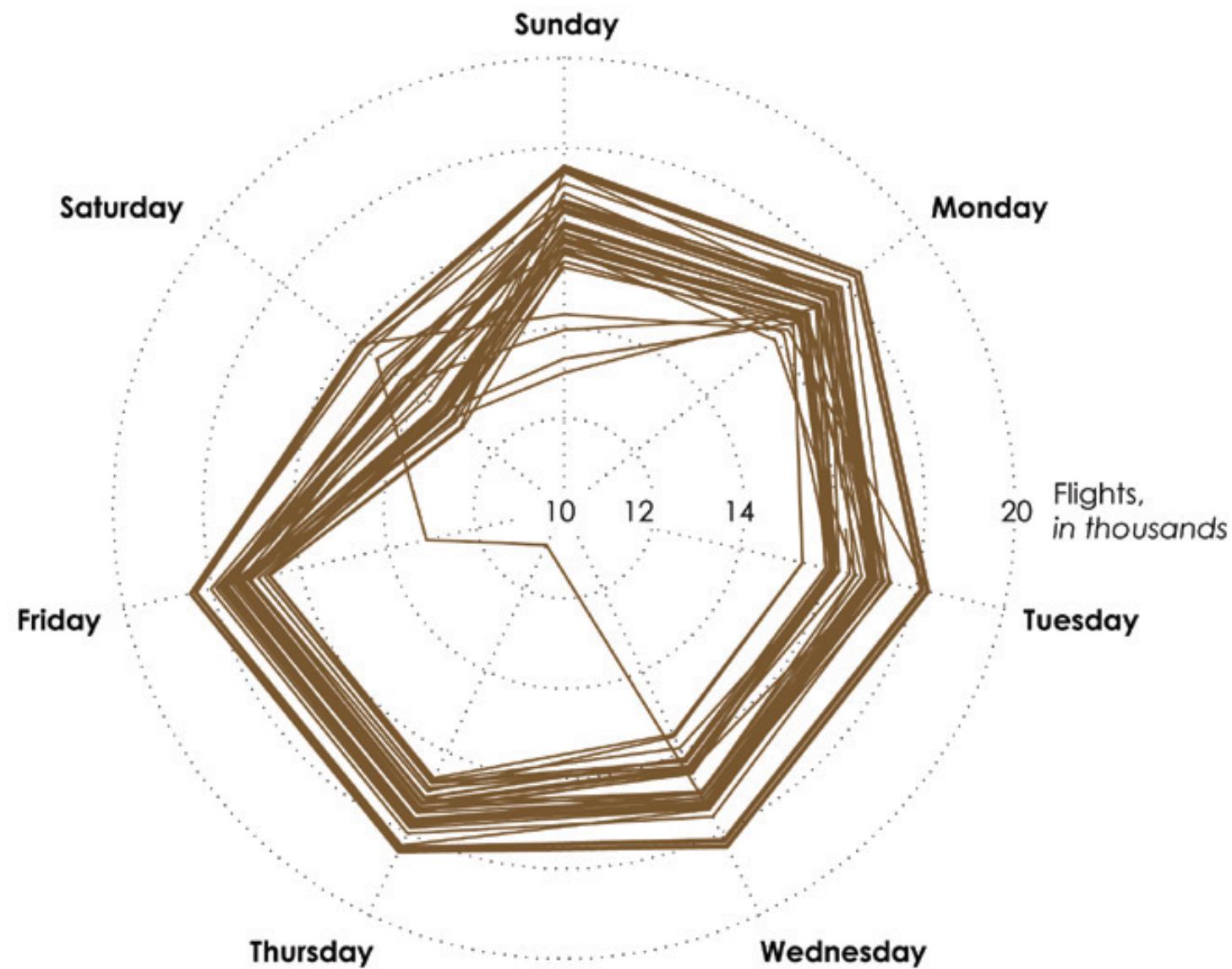
# Airline Flights Example



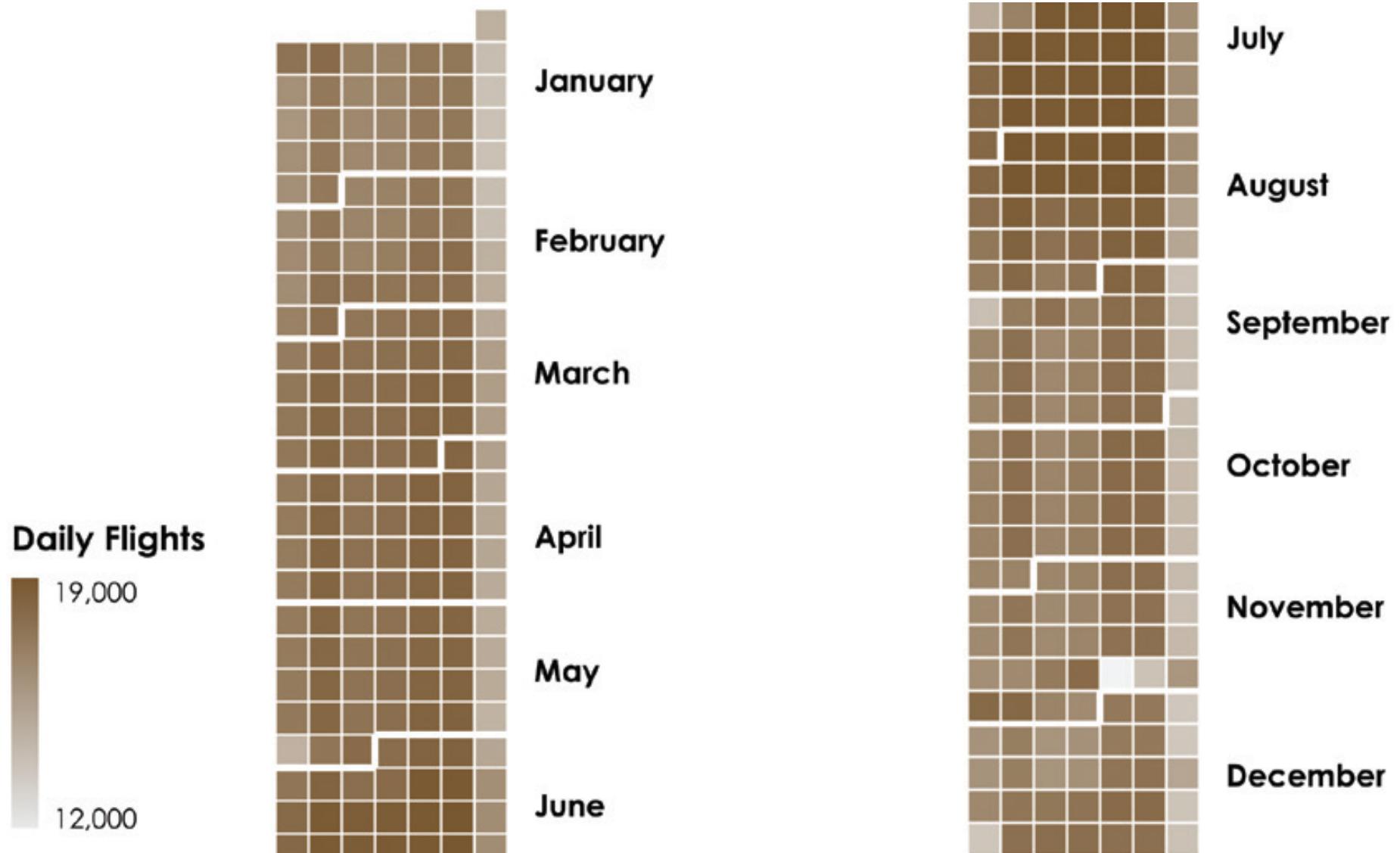
# Airline Flights Example



# Airline Flights Example



# Airline Flights Example



# Color Schemes

## Sequential

The same or similar hues are used, and saturation varies for a single metric.



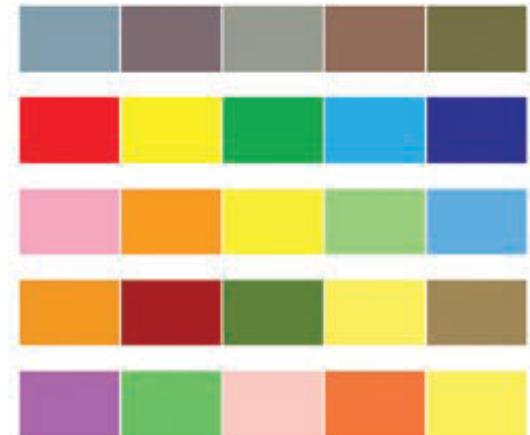
## Diverging

Two hues are used to indicate a division, such as positive and negative values.

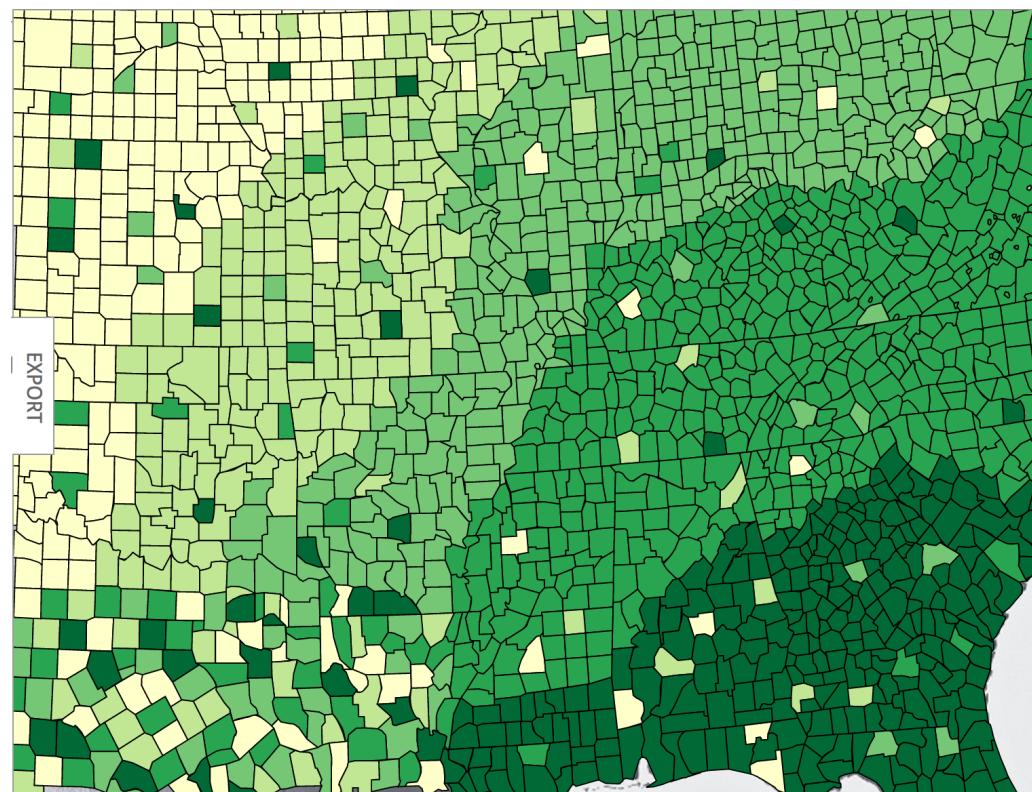
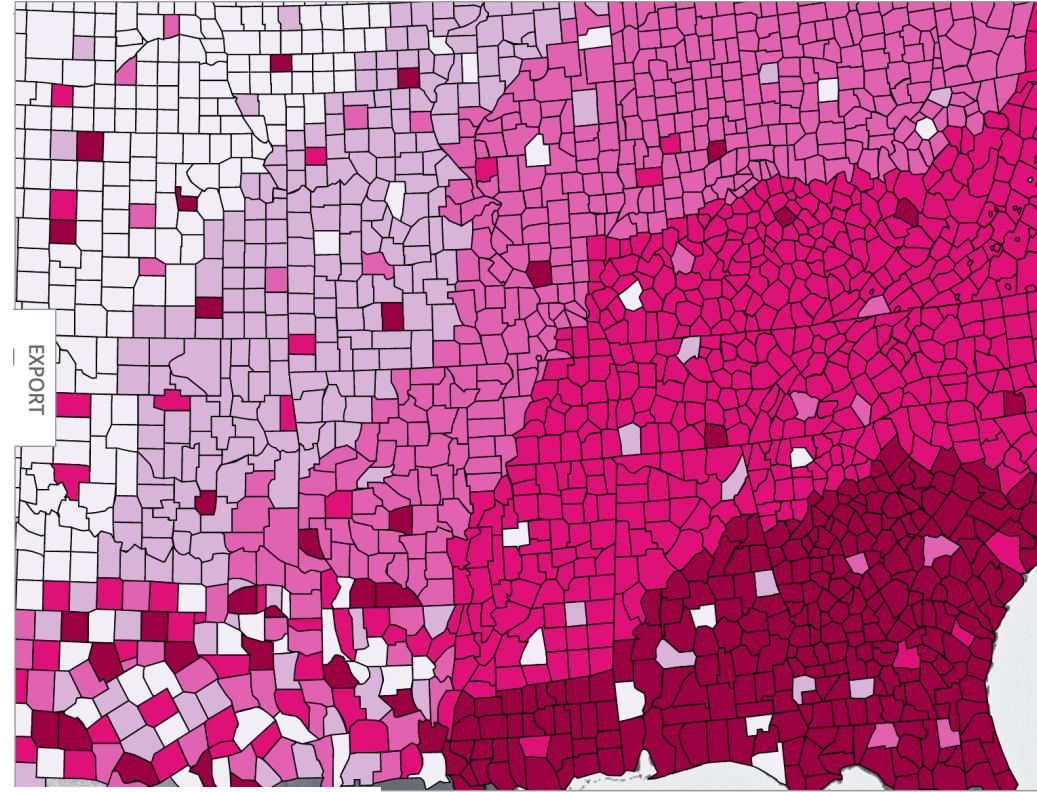


## Qualitative

When data is non-numeric, contrasting colors are used for each category.



# Sequential (Multi-Hue)

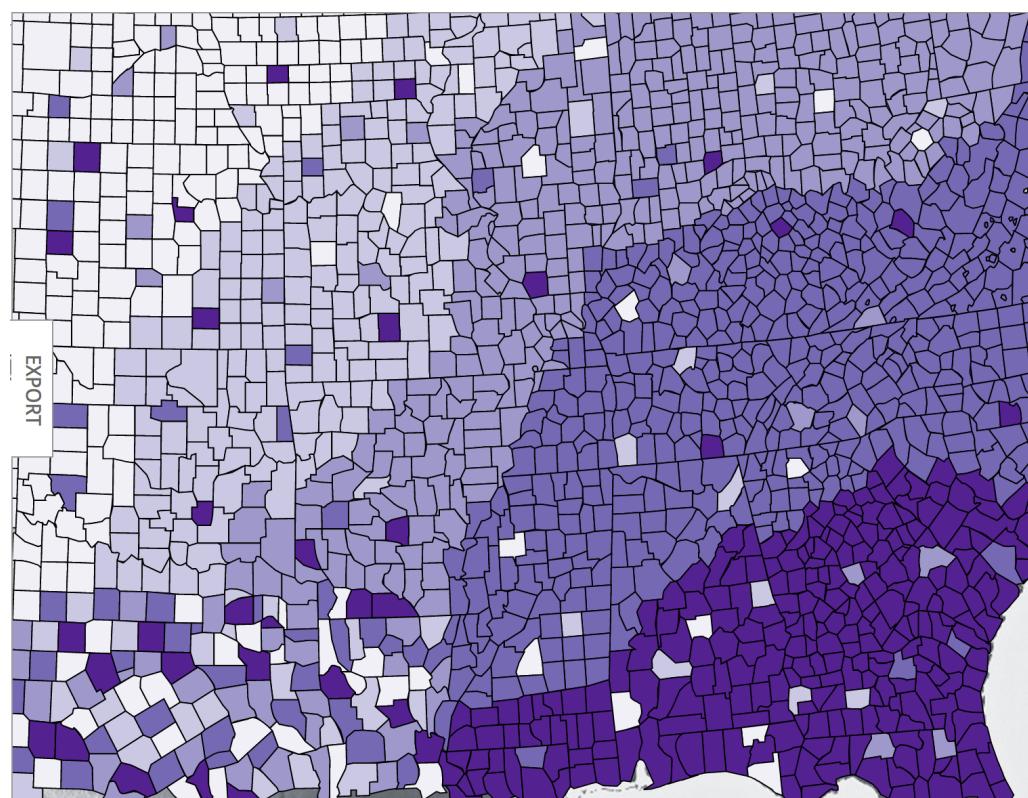
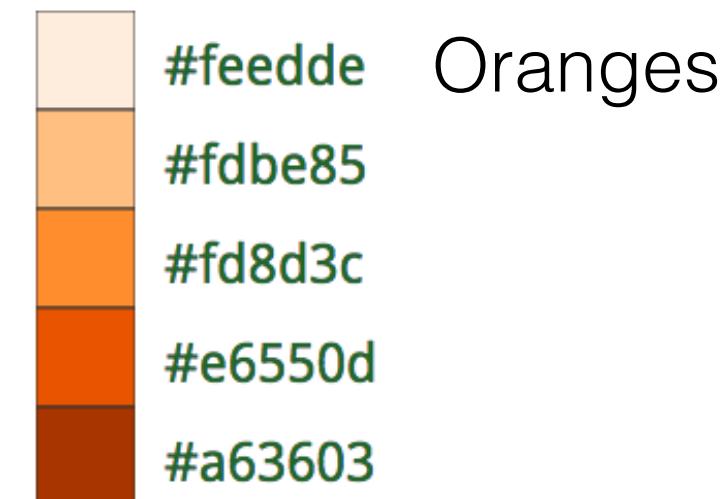
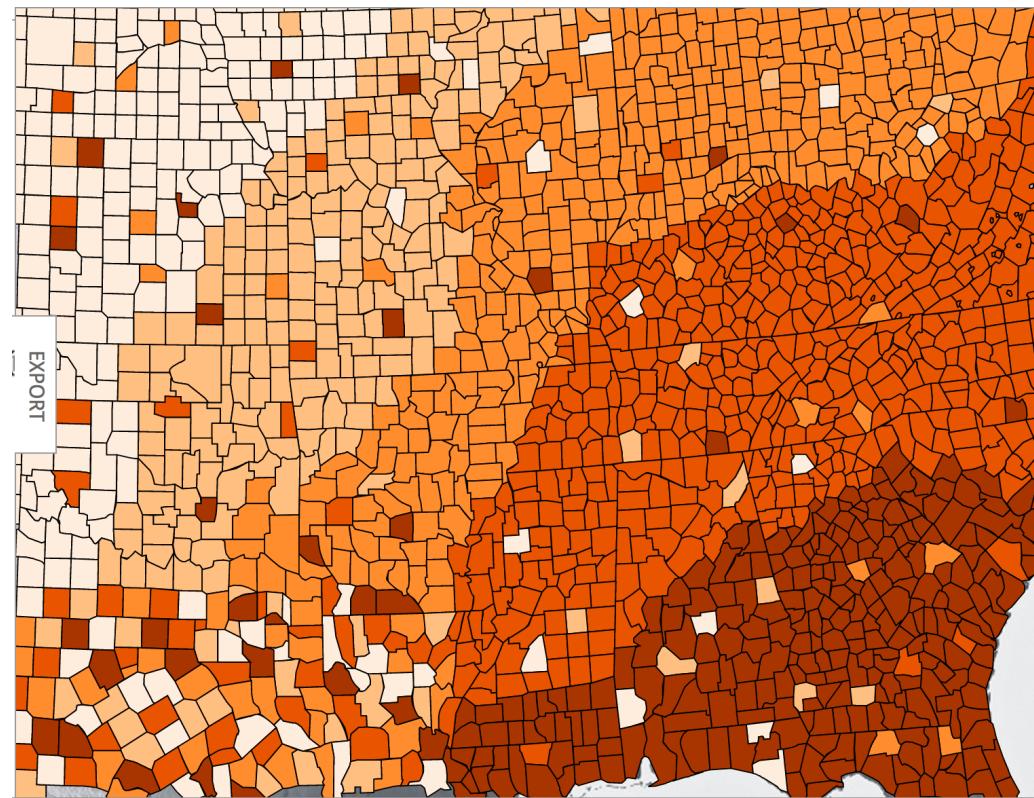


#f1eef6 Purple to Red  
#d7b5d8  
#df65b0  
#dd1c77  
#980043

#fffffc Yellow to Green  
#c2e699  
#78c679  
#31a354  
#006837

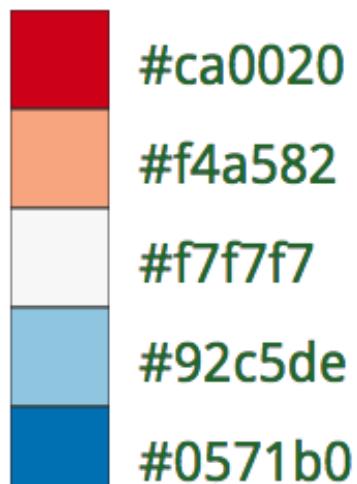
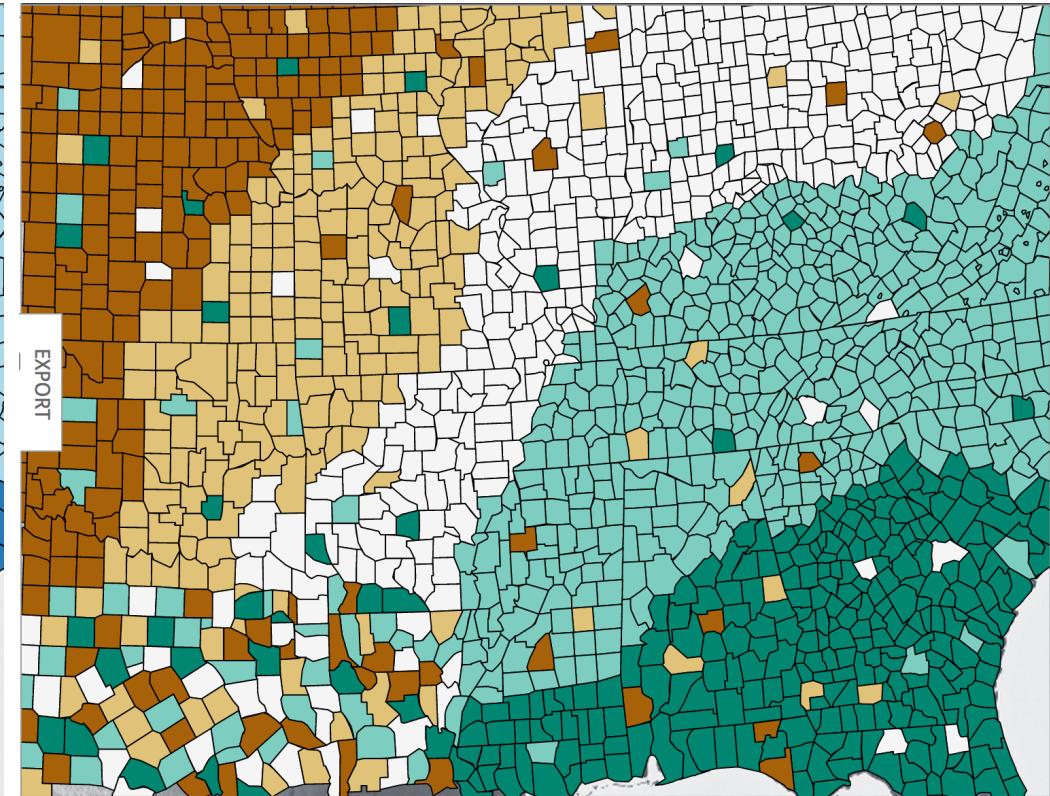
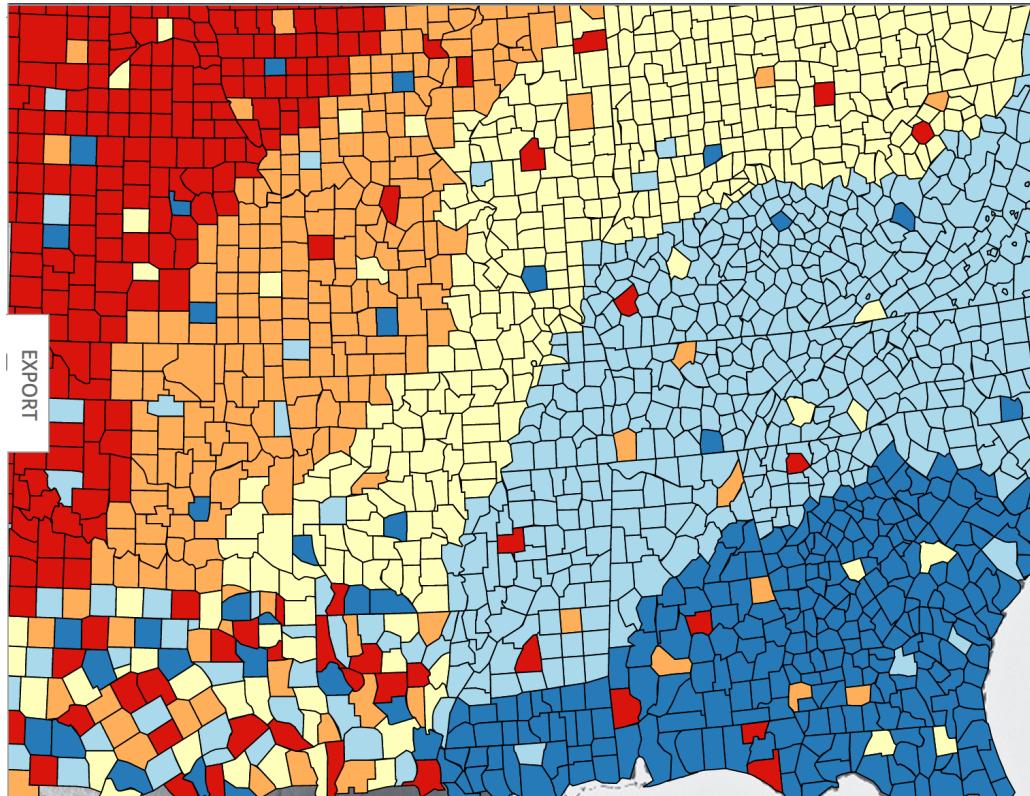
<http://colorbrewer2.org/>

# Sequential (Single Hue)

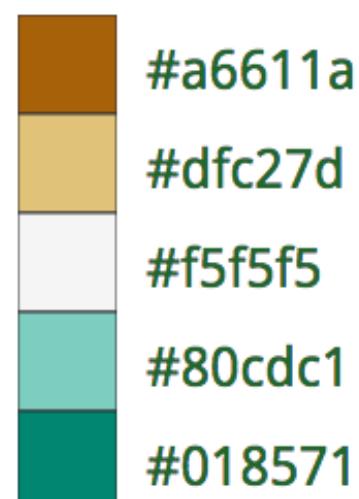


<http://colorbrewer2.org/>

# Diverging



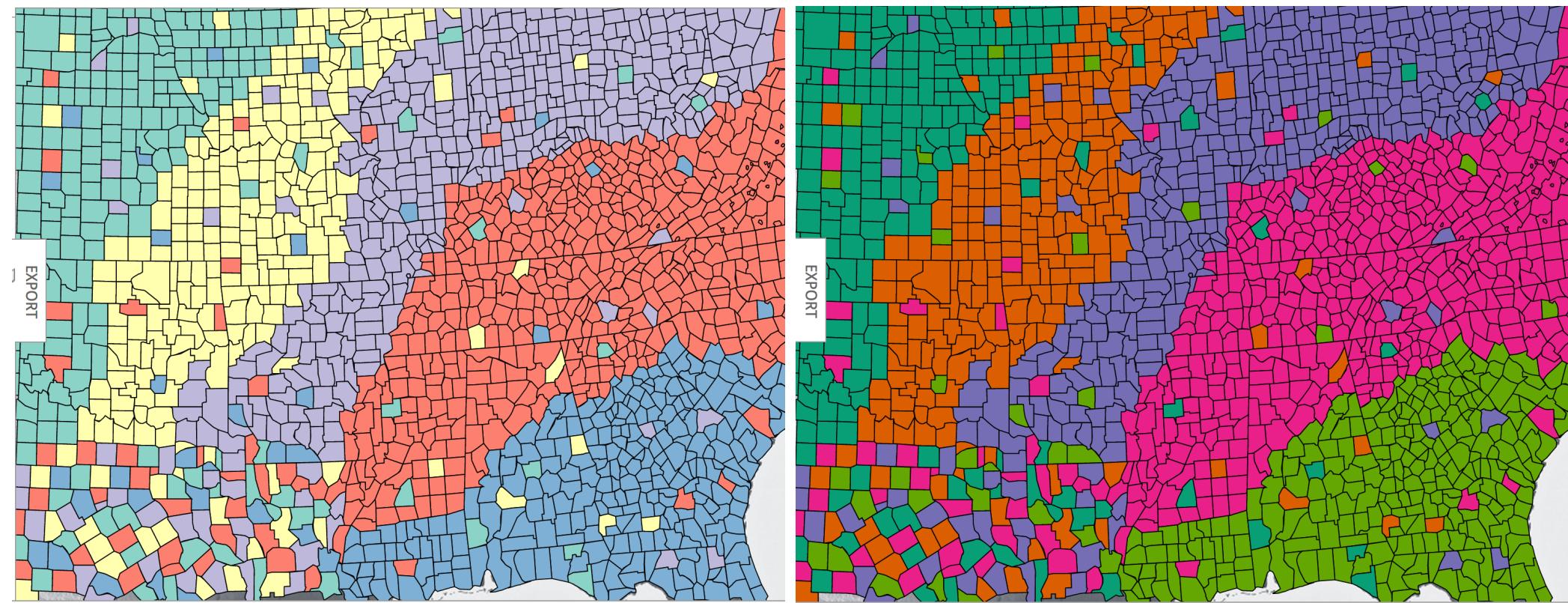
Red to Blue



Green to Brown

<http://colorbrewer2.org/>

# Qualitative



#8dd3c7  
#ffffb3  
#bebada  
#fb8072  
#80b1d3

<http://colorbrewer2.org/>

#1b9e77  
#d95f02  
#7570b3  
#e7298a  
#66a61e

**When would you use each type of color scheme?**

Sequential

Diverging

Qualitative/Categorical

## Types of Maps

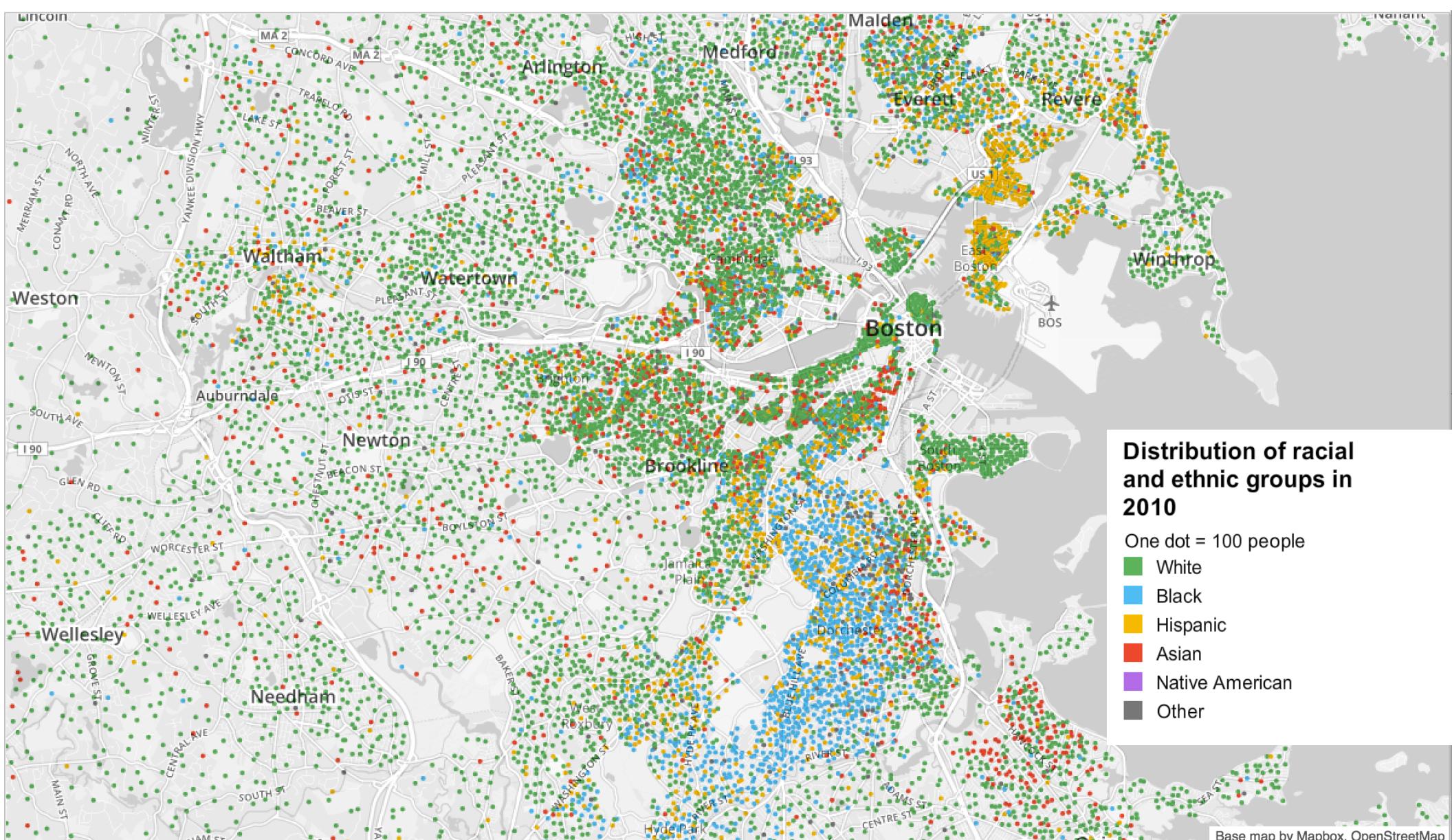
Dot Distribution Maps

Graduated Symbol Maps

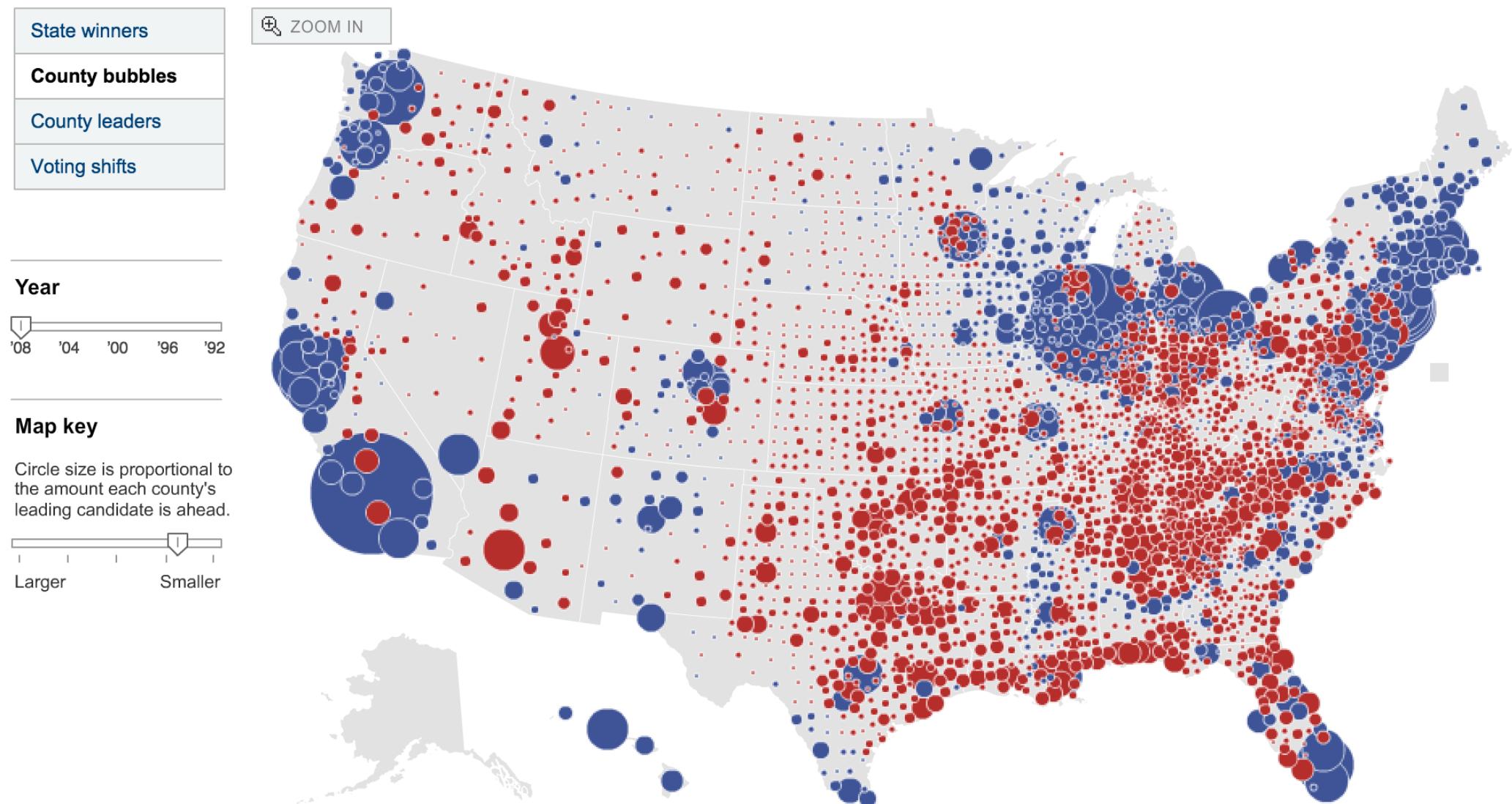
Choropleth Maps

Isometric and Isopleth Maps

# Dot Distribution Maps



# Graduated Symbol Map



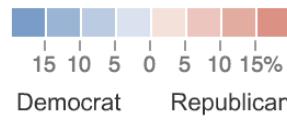
# Choropleth Map

- [State winners](#)
- [County bubbles](#)
- [County leaders](#)
- [Voting shifts](#)

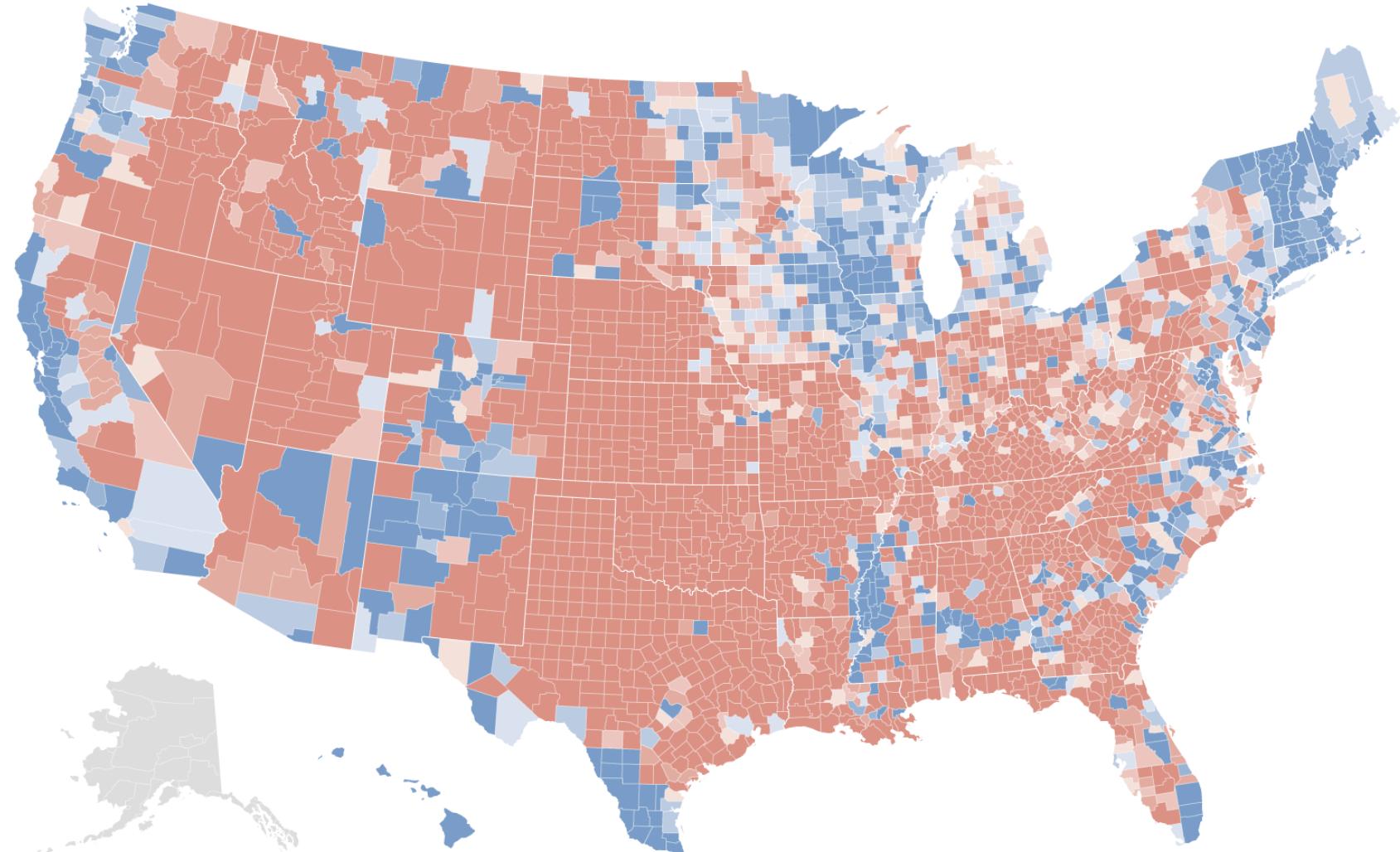
Year



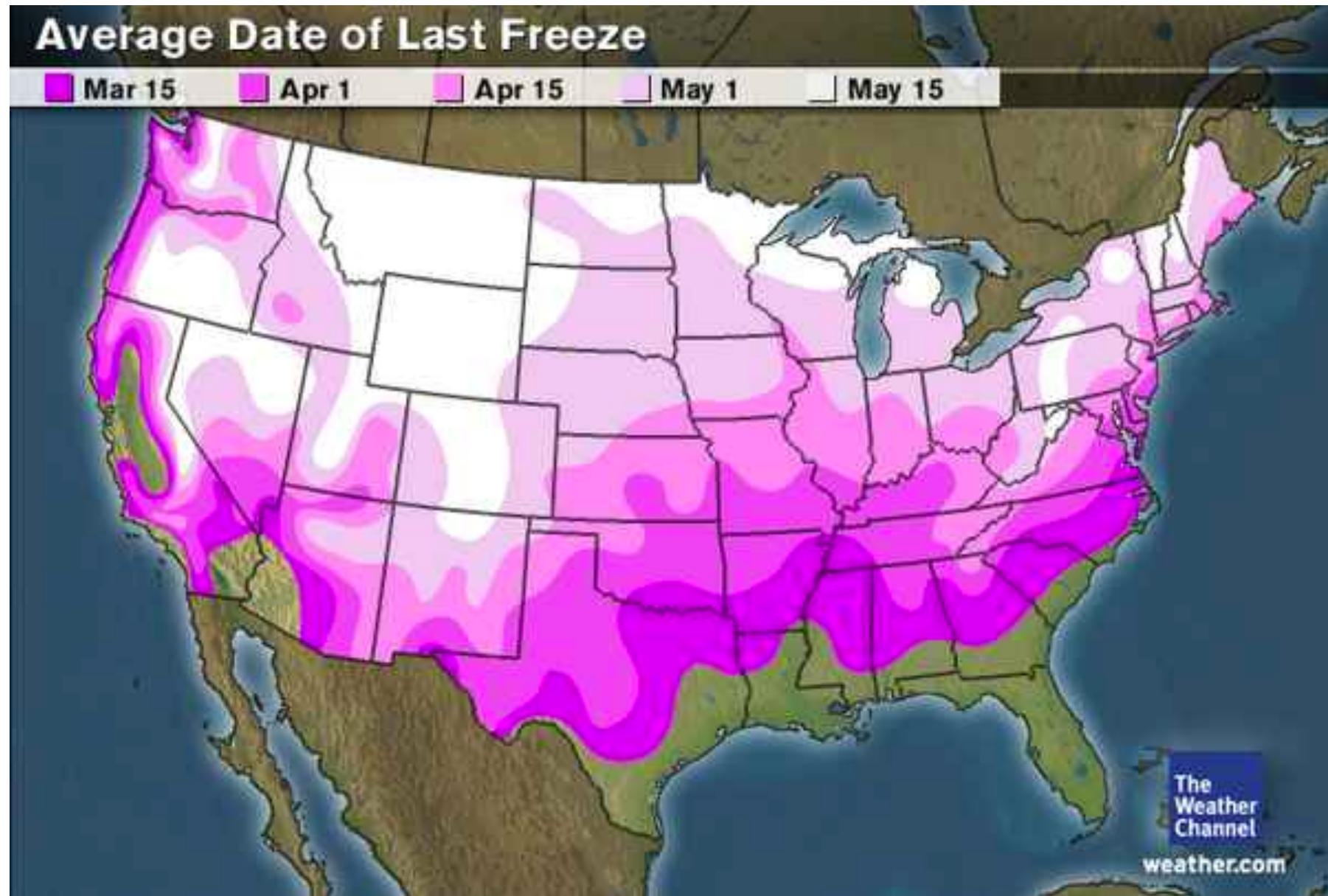
Map key



 ZOOM IN



# Isopleth Map



[http://www.weather.com/maps/activity/garden/usnationalnormallastfreeze\\_large.html](http://www.weather.com/maps/activity/garden/usnationalnormallastfreeze_large.html)