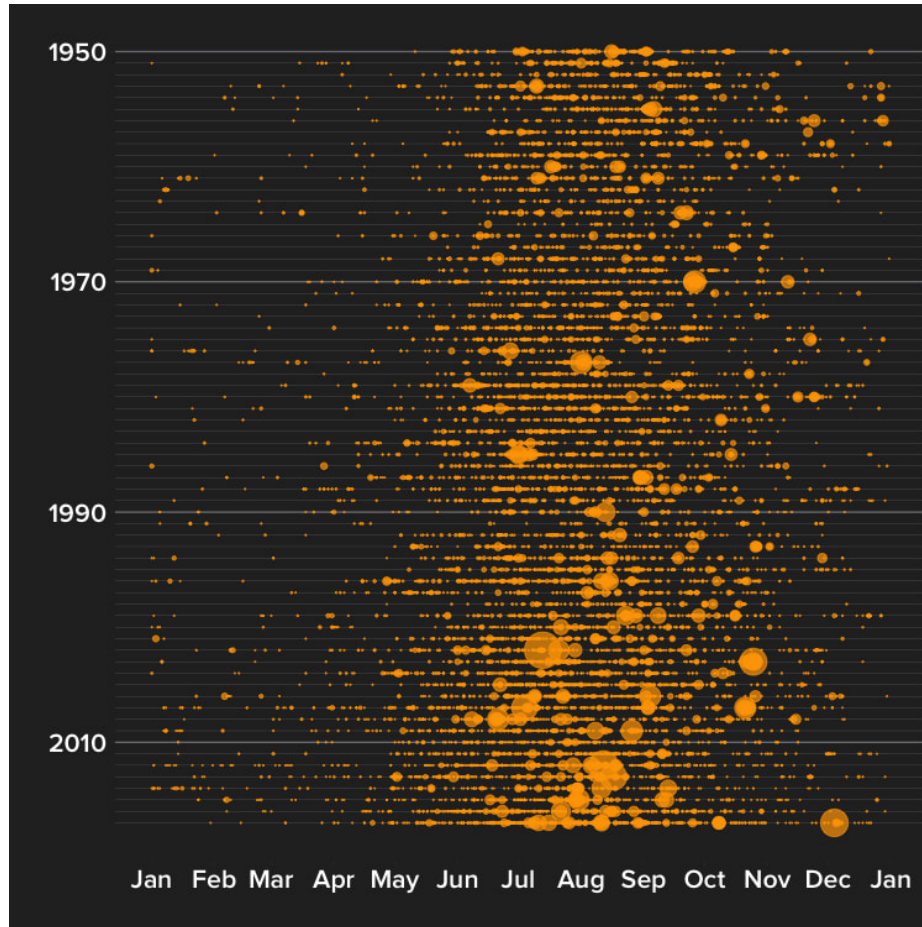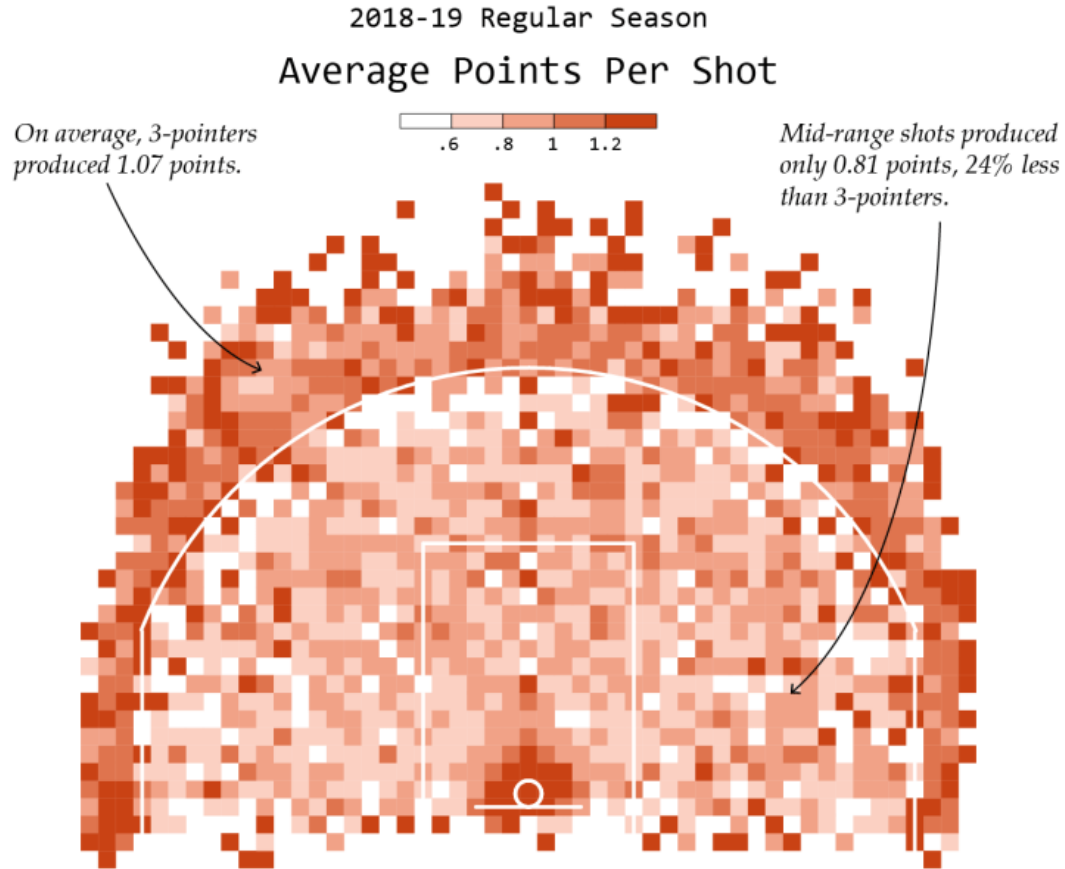# Activity: Analyze and Re-design visualization

- As a group, choose 1 of the following 5 slides.
- Hop into a vector drawing app then:
  - Identify data variables (C,O,Q) and encodings.
  - Redesign another way to visualize the data. What different message does your redesign prioritize? (Subset of data is OK.)

Analyze and Re-design #1: California Wildfires
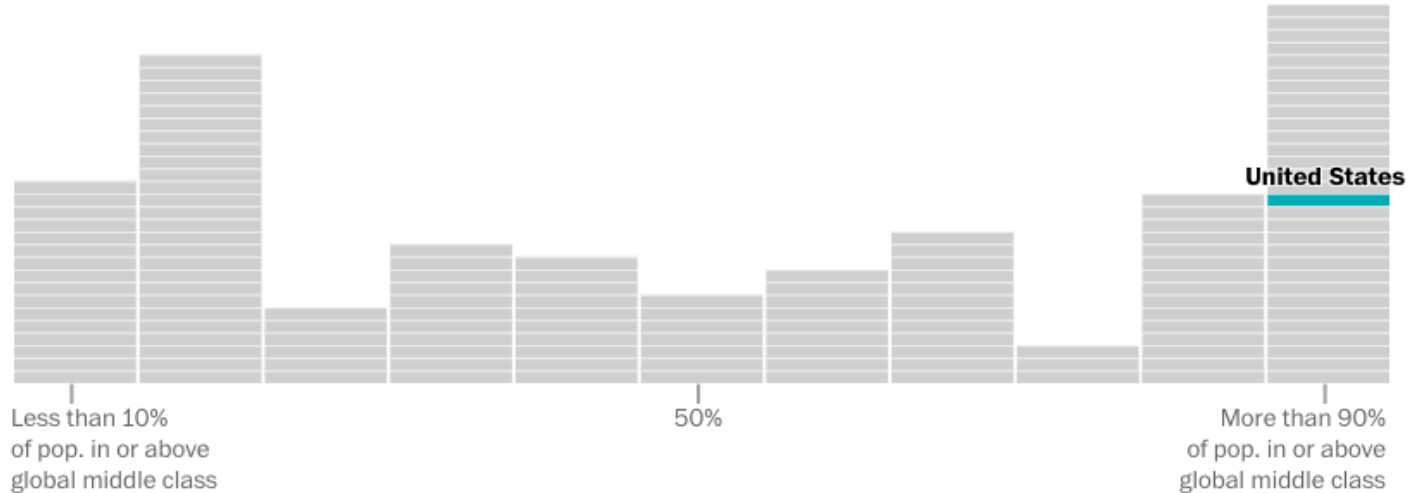
Analyze and Re-design #2: Basketball

2018-19 Regular Season

Average Points Per Shot

.6 .8 1 1.2

On average, 3-pointers produced 1.07 points.

Mid-range shots produced only 0.81 points, 24% less than 3-pointers.

Analyze and Re-design #3: Global Middle Class

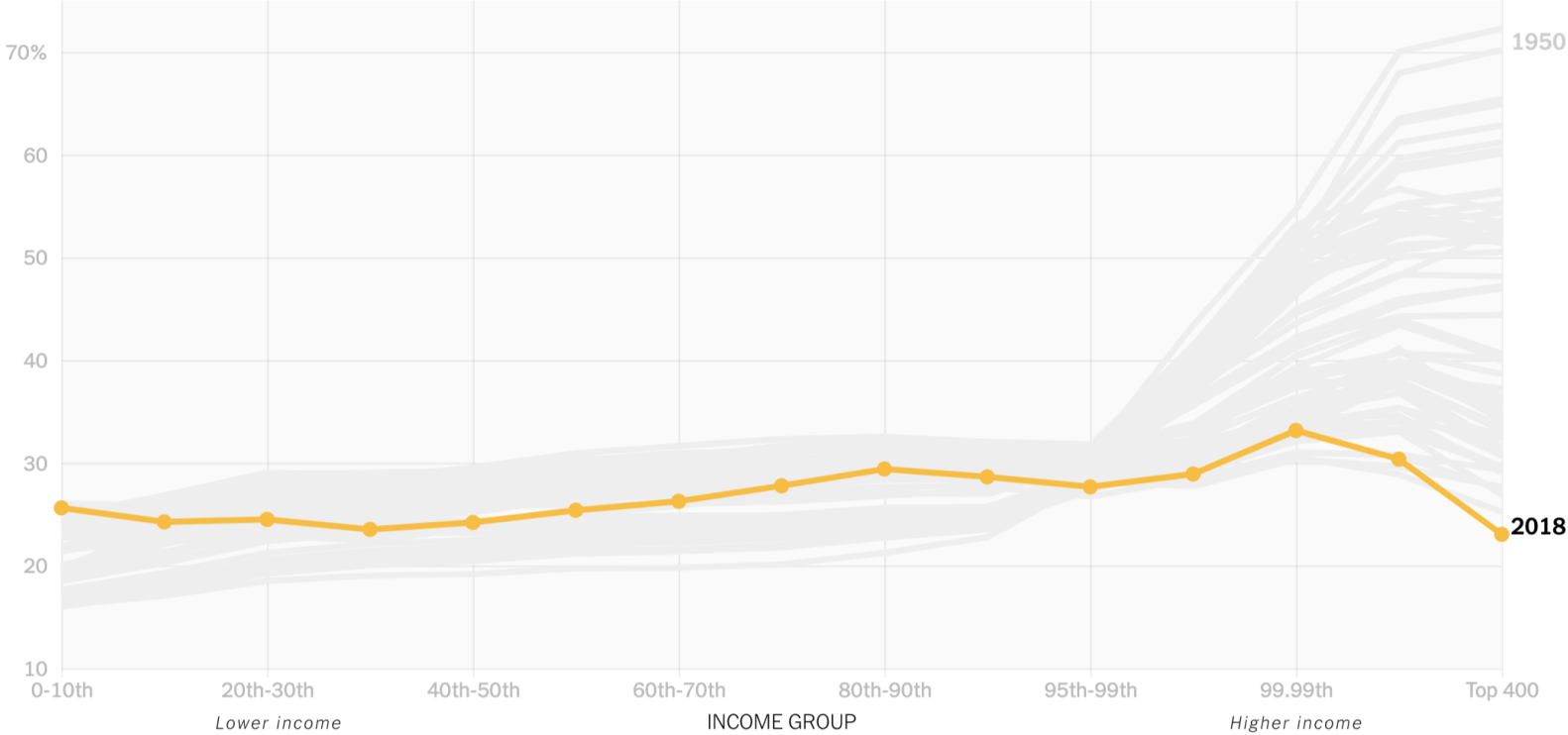**Percentage of the population of each country that falls in or above the global middle class**

Hover for more detail

In these 30 countries, 90 percent or more of the population falls in or above the global middle class

United States

Less than 10% of pop. in or above global middle class

50%

More than 90% of pop. in or above global middle class

Analyze and Re-design #4: U.S. Total Tax Rate

TOTAL TAX RATE (FEDERAL, STATE AND LOCAL)

1950

2018

INCOME GROUP

Lower income

Higher income

0-10th 20th-30th 40th-50th 60th-70th 80th-90th 95th-99th 99.99th Top 400

70% 60 50 40 30 20 10

Analyze and Re-design #5: American Job Incomes