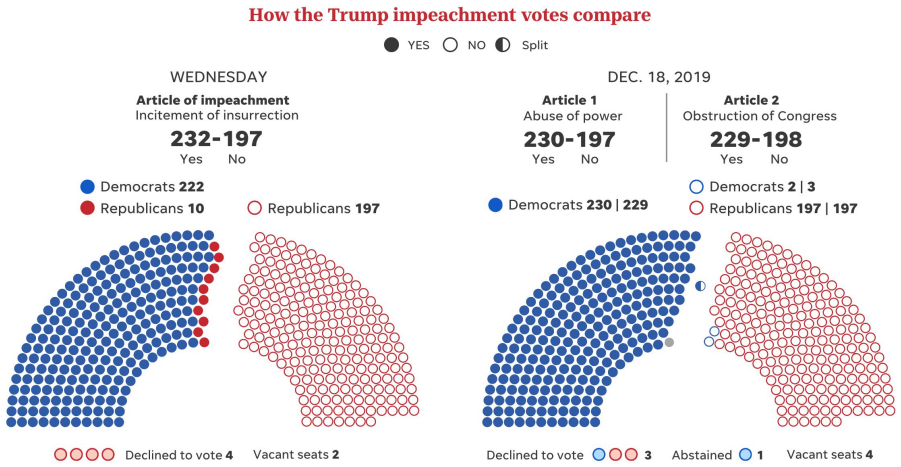
1. Find **2 charts you like** and 2 you don't like, identify a few top attributes that you lead you to like or not like the chart.

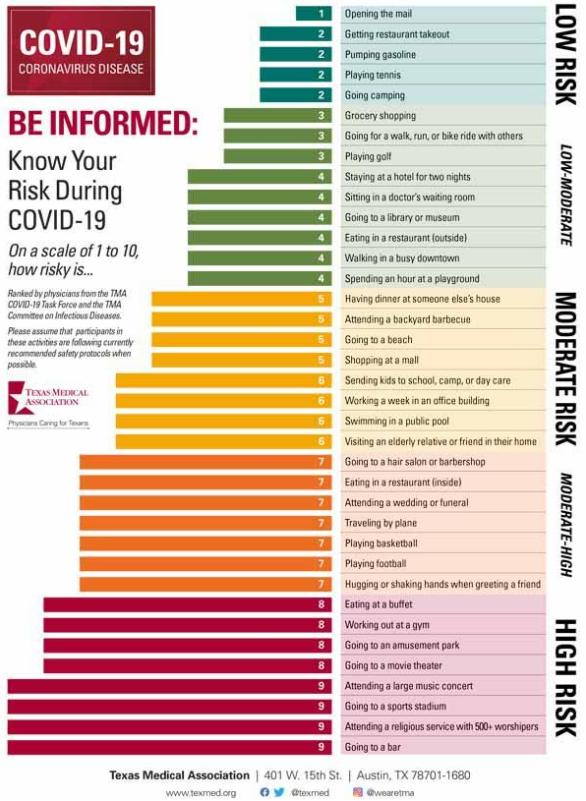
COVID-1 Be Informed: (LIKE)

- This chart is bright and clean. Its stair-stepped appearance makes it easy to read
- You notice a progression to riskier behavior as you move down the graph
- The stop-light colors tie in well with risk level (red is high risk, yellow is moderate, etc.)

How the Trump impeachment votes compare: (LIKE)

- I like the at-a-glance clarity of this graph. It includes a lot of information, yet is simple to read.
- I like the use of blue and red to identify the political parties.
- The comparison of the separate votes, showing the 10 Republicans crossing over on the second vote is very clear.
- I also like how the circle icons are differentiated in shading to show: declined to vote or split votes





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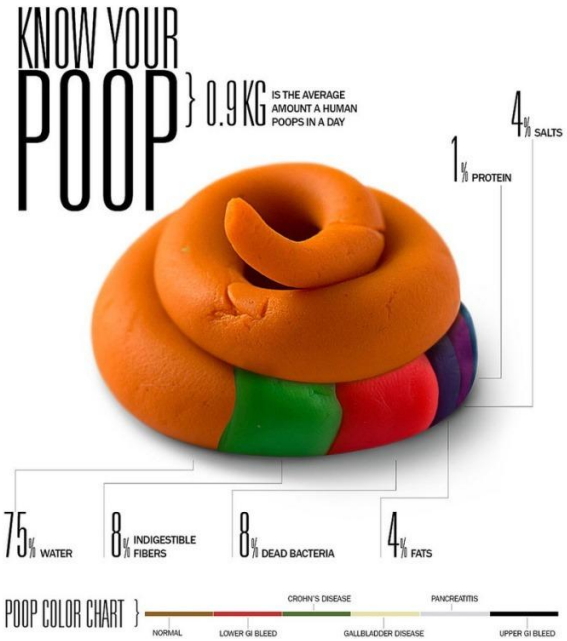
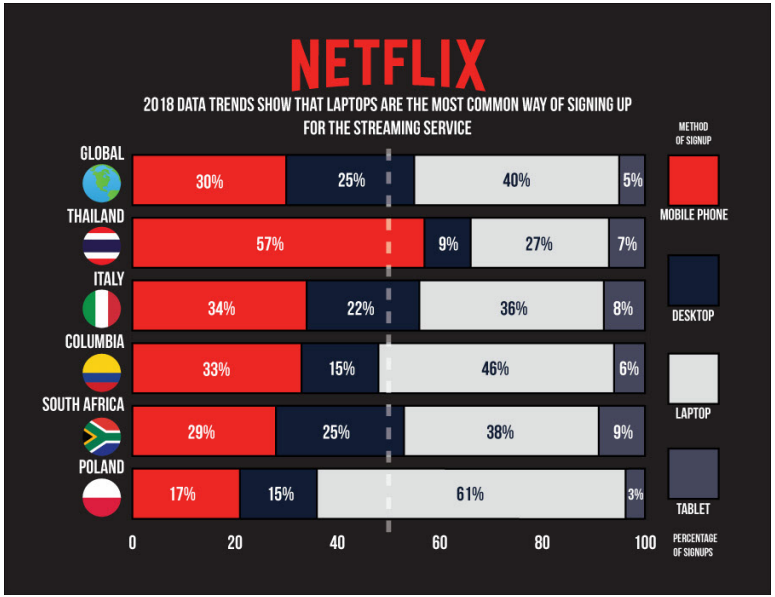




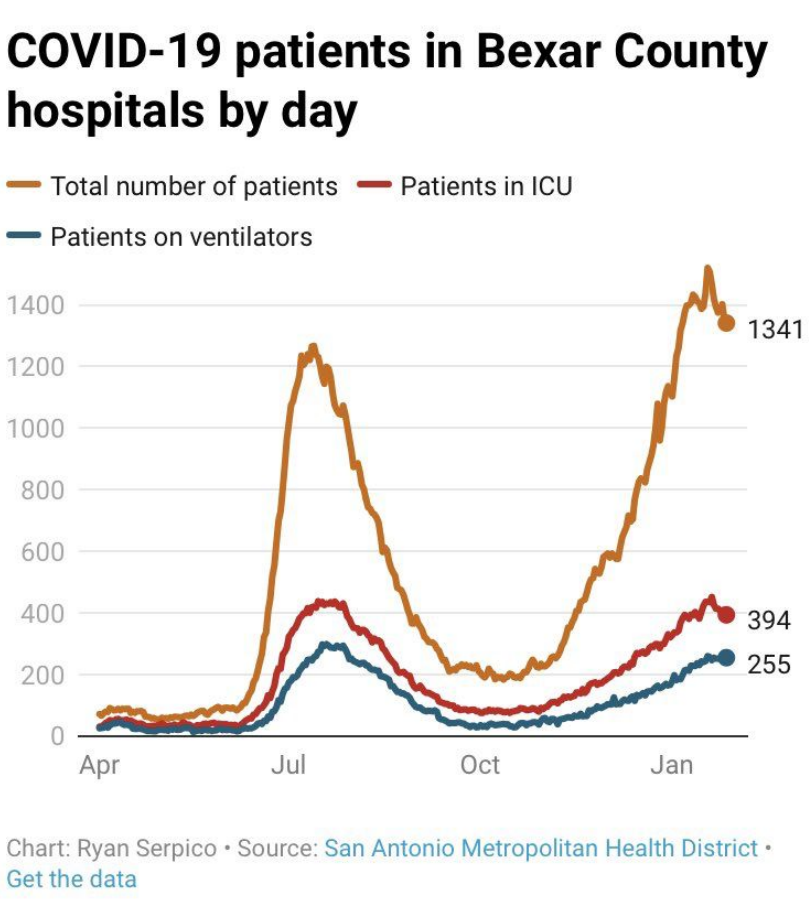
Know Your Poop: **(dislike)**

- ➔ The graph does not clearly depict the smallest three categories: fats, protein and salts.
- ➔ I also think that the most useful information -- the diseases that may be indicated by specific colors on the spectrum -- is the SMALLEST information in the graph
- ➔ At first glance, the poop looks more like a colorful coiled snake. I would have preferred seeing this information in another format, that did not include clay poop. :}

NETFLIX: **(dislike)**

- ➔ This graph is too busy -- I don't think the country icons are necessary.
- ➔ The subtitle talks states that laptops are the most common method for signing up, but the first category that jumps out at me is red 57% bar that indicates mobile phones.
- ➔ The white dashed line (to include median?) bothers me. Because of the way the data is presented, it doesn't really indicate the middle of any specific category.
- ➔

2. Find **2 clear charts** and 2 muddled charts. What are the attributes that lead to the clarity or lack of clarity?

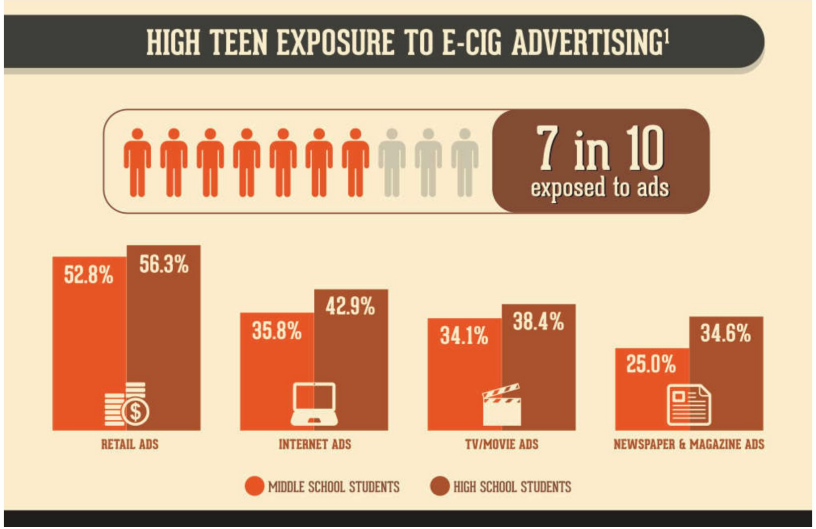


COVID-19 patients in Bexar County hospitals: (clear)

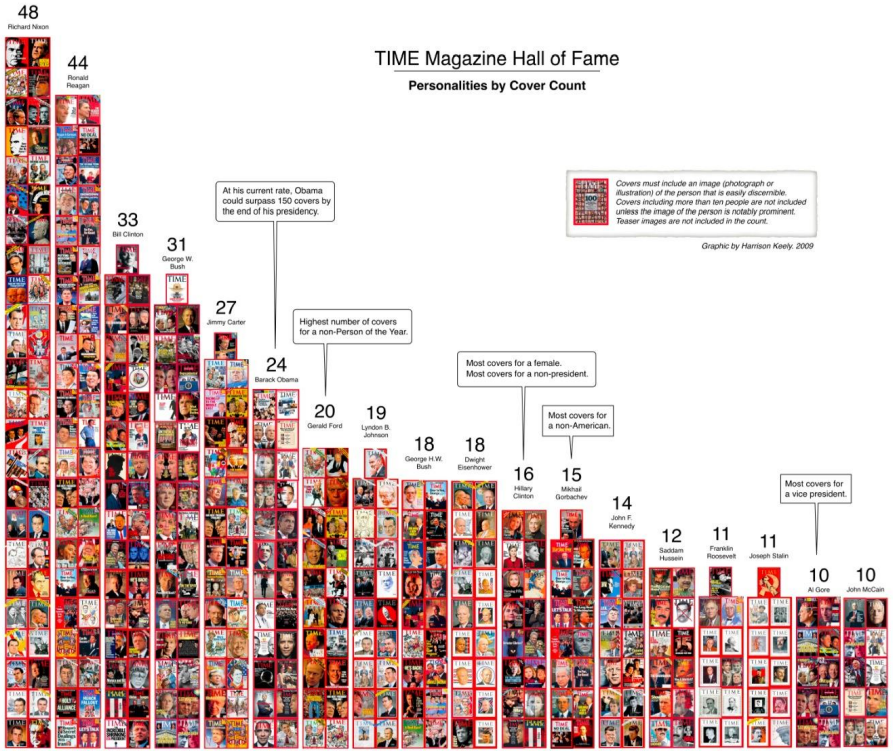
- The limited use of three colors help make this graph show three distinct categories.
- The grid lines in the background help with readability.
- The numbers on the right margin give the exact numbers for the most recent data.

High Teen Exposure to E-Cig Advertising: (clear)

- This chart has a color scheme with only 4 colors.
- The top graph clearly illustrates the title of high teen exposure (7 in 10 exposed to ads).



Find 2 clear charts and **2 muddled charts**. What are the attributes that lead to the clarity or lack of clarity?

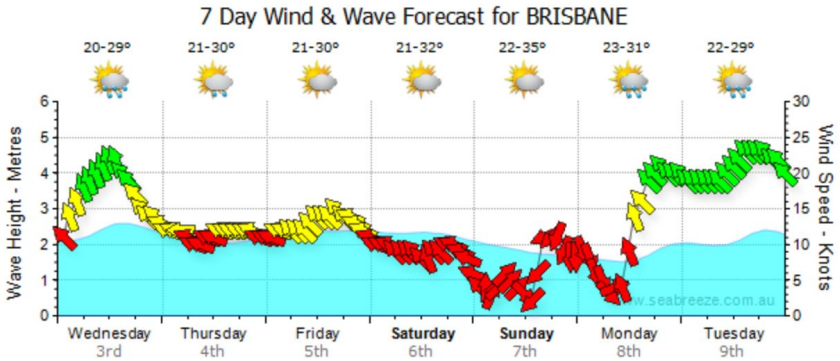


TIME Magazine Hall of Fame: (muddled)

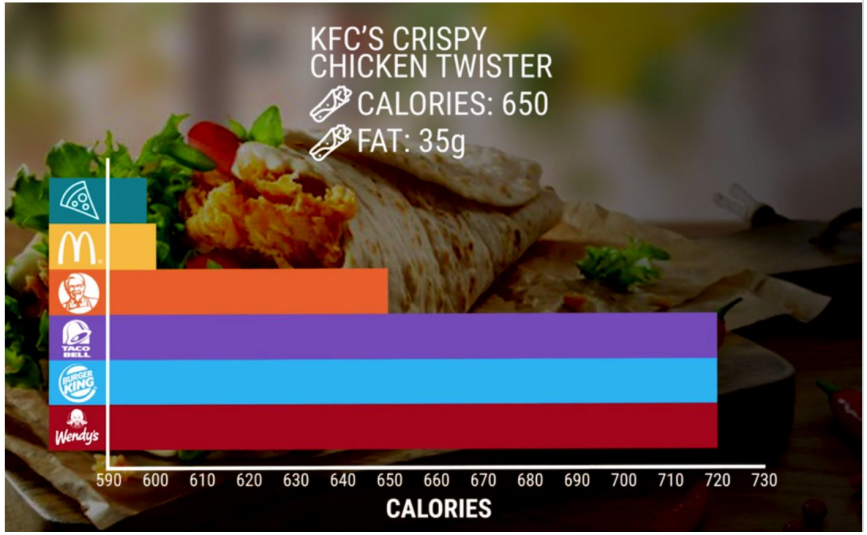
- ➔ Including the actual magazine cover artwork for each issue makes this graph too cluttered and difficult to read.
- ➔ The small call-out text boxes contain interesting information, but will all that is going on in this graph, they are distracting.
- ➔ The title of the chart Personalities by Cover Count is not prominent.

7 Day Wind and Wave Forecast (muddled)

- ➔ The wind direction arrows are difficult to follow
- ➔ Too much additional information is included in this chart and makes it cluttered.



3. Find 2 charts that deceive. What technique(s) are used to deceive?



KFC's Crispy Chicken Twister: ***(deceiving)***

- The x-axis begins at 590 calories, which makes the difference between KFC's 650 calories and its competitors 720 calories, seem much greater than it is.
- Also, there is no indication that the products on the y-axis are even comparable products.
- Pizza and McDonalds appear to be low calorie choices.

Coronavirus in Texas and Austin: ***(deceiving)***

- With the two charts aligned side-by-side, at first glance the Austin total appears to be almost equal to the statewide total. This is caused by differences in the y-axis intervals between the Texas and Austin charts.

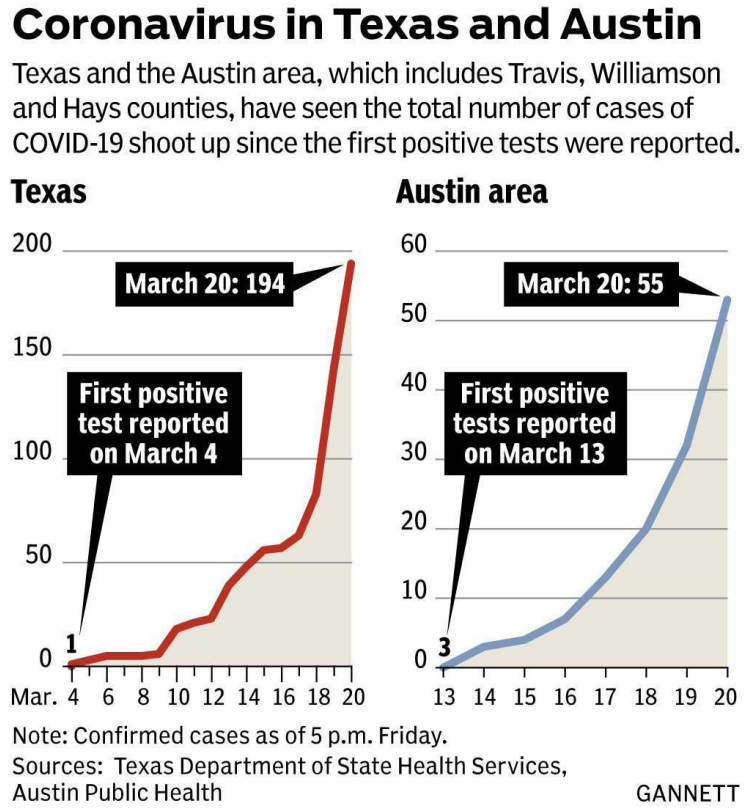
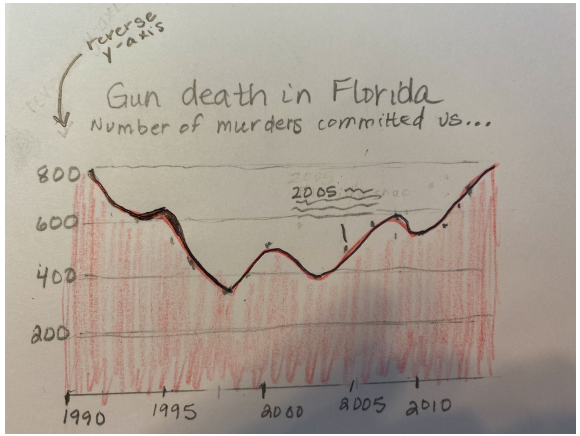


Chart Critique #1:

- When I first looked at this graph, I was very confused. I thought maybe it was a white filled graph on a red background..
- The flipped y-axis makes the chart hard to read.
- I do like the light gray grid lines in the background
- I would also like to see a little more detail on the x-axis, perhaps in 5-year increments.
- I would have changed the chart in this way:



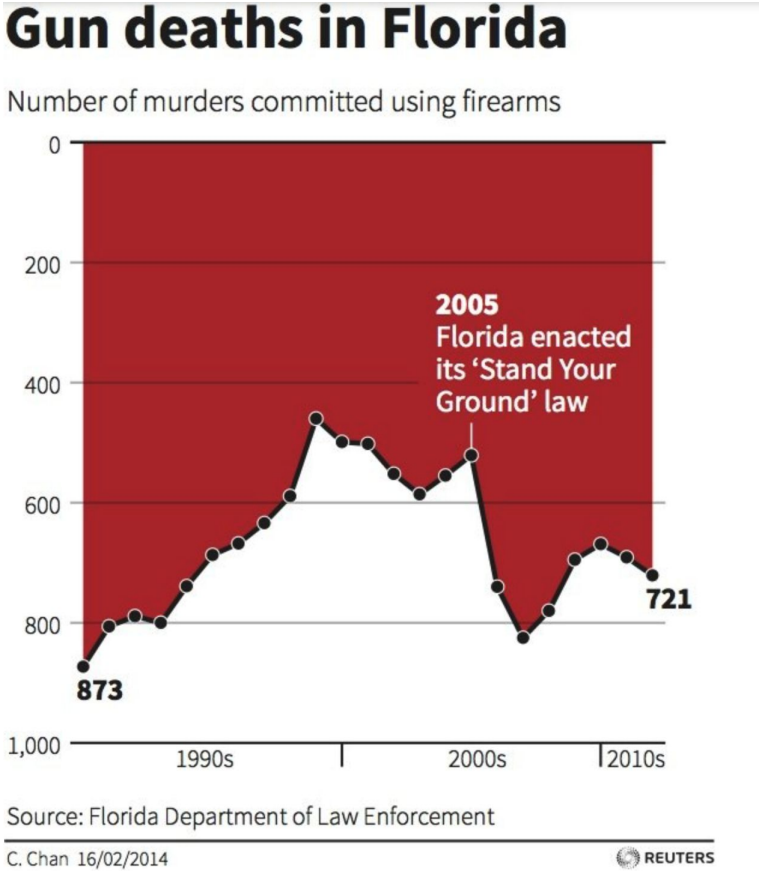
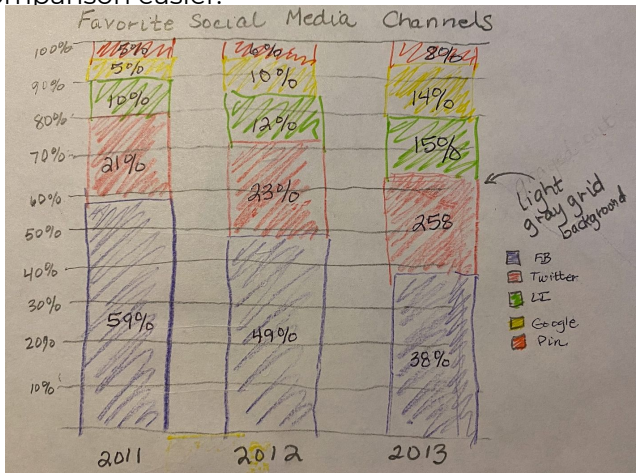


Chart Critique #2:

- ➔ The first thing I noticed about this chart was that the blue section of the pie charts was the largest piece in all three charts.
- ➔ My first impression matches the chart's apparent intent.
- ➔ The purpose of this chart is to show comparisons between the three years. However, I found it awkward (if not difficult) to make comparison based on the wedge size..
- ➔ A stacked bar chart, like the one sketched below, would make comparison easier.



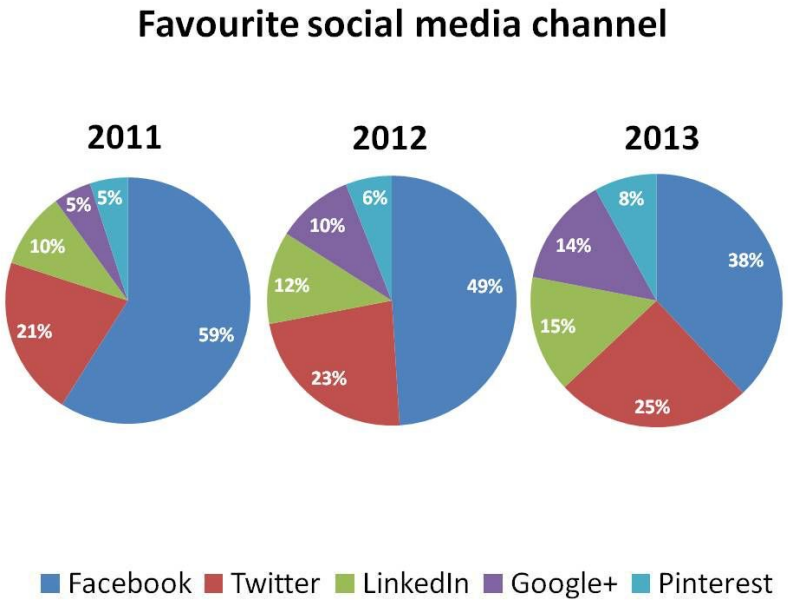


Chart Critique #3:

- The first thing I noticed about this chart was the brightly colored soda bottles and stacks of sugar cubes. My first emotion was surprise -- at seeing the high sugar content of the drinks.
- My first impression matches the chart's apparent intent.
- I found the colors in this chart confusing, as they did not appear to match the chart's intent. I would expect the numbers indicating higher sugar content to be in red, but on this chart they are green. And drinks with lower sugar amounts are in red/pink.
- To be consistent with the message of the chart boxes below, I would not use green text at all on this chart
- I would have preferred to see the chart depicted in this way: