

General Notes

AUTHOR

Jed Guinto, 10 November 2019

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ACKNOWLEDGEMENTS/REFERENCES

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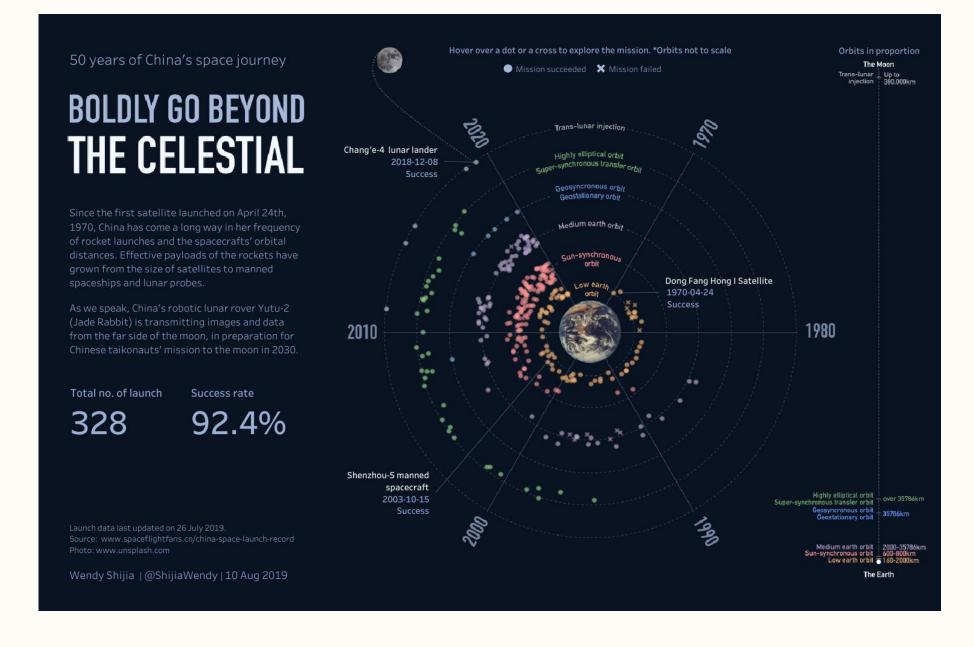
EMAIL: Guinto.jed@gmail.com

AUTHOR: Wendy Shijia

DESCRIPTION: In preparation for China's 2030 mission to the moon, Wendy Shijia takes a look at the country's march into space over the last fifty years.

JED NOTES: Amazing use of colour and contrast. Your eyes are drawn to the bold headings and the large circular radial plot surrounding planet earth.

Only a few numerical values are shown so as not to distract from the beatiful colours

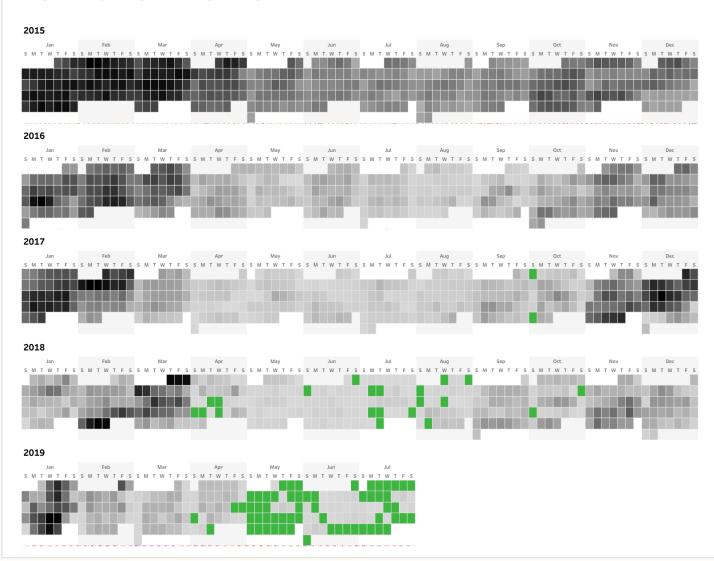


Britain's coal free record

Britain is setting new records for going without coal-powered energy. In the latest milestone, it has gor for two weeks without using coal to generate electricity the longest such period since 1882.



Daily share of power generated by burning coal



AUTHOR: Meera

DESCRIPTION: When will Great Britain go completely green? In this #MakeoverMonday visualization, Meera takes a look at the country's reliance on coal to generate electricity.

JED NOTES: Only a few colours are used here making it very easy to absorb. The word "coal free" in the title is cleverly used to signify how only recently have we become focused on becoming coal free.

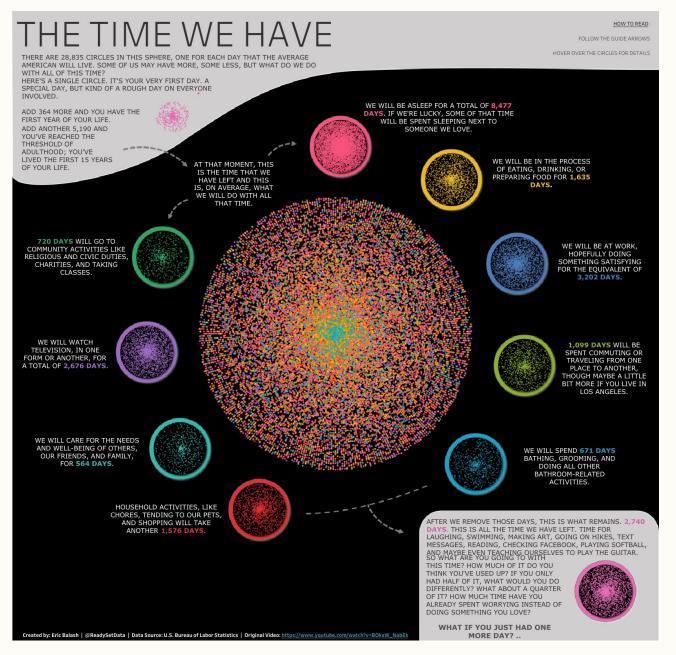
The use of heat maps without figures is a great way to get viewers to focus on congregations or concentrations in the data.

AUTHOR: Eric Balash

DESCRIPTION: The average American lives for 79 years or 28,835 days. How many of these days are spent at work or in traffic? In this visualization, Eric Balash uses data from the U.S. Bureau of Labor Statistics to show the amount of time Americans spend on activities such as working, commuting, and sleeping.

JED NOTES: Surprisingly, only Packed Bubble Charts are used to create this beautiful visual. Instead of a simple grid-like style of bubble, Eric has made it much more colourful by using a black background for great contrast.

When graphics are aesthetically pleasing such as this, we are more inclined to read and discover what its about.



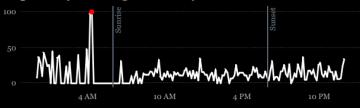
https://public.tableau.com/en-us/gallery/how-do-we-spend-our-time?tab=viz-of-the-day&type=viz-of-the-day

I'm Awake at 4:20am Wondering How To Move On

What is the popularity of the Google search 'How To Move On' within a day in Australia?

Numbers represent search interest relative to the highest point on the chart for the given region and time. A value of 100 is the peak popularity for the term. A value of 50 means that the term is half as popular. A score of 0 means there was not enough data for this term.

Popularity Through The Day



"I try not to think but I can't stop." - Rhys Lewis

Popularity of searches spike at the start of working hours, lunch break, mid afternoon, and at night time. In other words, **when we're not preoccupied** we're tormented by the thoughts of the ones we're trying to move on from.

Average Popularity By Hour



At least **work is a distraction** from mindlessly searching for answers online.

After 12:00AM, searches for 'How To Move On' 'How To Move On?' dramatically rise and then halt. Searches resume at 6:30AM. Google searches within 24 hours 4:20 AM | 100 Popularity

AUTHOR: Prid Lam

DESCRIPTION: Inspired by Ludovic Tavernier's weather memories, Pris Lam visualizes the popularity of the search term "how to move on" at different times throughout the day.

JED NOTES: I love the simplicity here. The radial bar graph is relatively advanced but when used correctly creates a fantastic impact.

Coupled with some brief descriptions and a highlight of the largest value, you're able to quickly focus on what's important.

Datasource: Google Trends | Viz By: Pris Lam | @pris_lam

AUTHOR: Valerie Mais

DESCRIPTION: What challenges are faced by cancer patients posttreatment? In this visualization. Valerie takes a look at the emotional concerns of cancer survivors and whether they are seeking help for those concerns.

JED NOTES: The style is so consistency here it reminds me of a newspaper. The light blue background has a soothing effect and shows how colour can influence how you feel before you start reading the content.

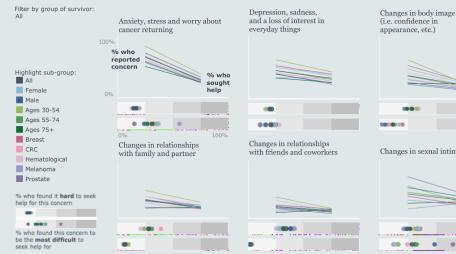
Our eyes can absorb and interpret far more than our consciousness can and we can begin to make assumptions. You can use this greatly to your advantage when required.

What are the emotional concerns of cancer survivors, and are they seeking help for them?

When cancer patients' treatment is complete and they are declared cancer-free, it may be expected that their emotional, mental and physical needs dissipate, and they can immediately return to their everyday lives prior to their diagnosis. However, this may not be the case.

Cancer survivors must still manage and monitor many difficult aspects related to their care. These can include the risks of reoccurance, development of a second cancer, long-term side effects, and psychological effects like fatique, insomnia, pain, and sexual dysfunction. They may also be dealing with the disease's impact on their finances, fertility, parenthood, career, and more.

The Canadian Partnership Against Cancer* surveyed thousands of adult cancer survivors aged 30+, 1-3 years after their treatment was complete. The goal of the study was to understand their experiences post-treatment. These are the results.



(i.e. confidence in appearance, etc.) Changes in sexual intimacy

1 in 5 survivors did not seek help for their emotional concern(s) because someone told them it was normal to expect.

Reasons why cancer survivors did not seek help:



While nearly 80% of cancer survivors are reporting at least one emotional concern, the majority are not

The most common reason for not seeking help was being told it was normal to expect. While this may help survivors to feel less alone, it does not provide them with constructive support to overcome what they may be experiencing.

How might this impact them? How long do they continue to struggle?

Made by Valerie Mais

Differences between groups of survivors may reflect our culture's view towards vocalizing and seeking help for emotional needs.

% who reported concern by age group:

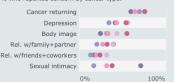


We see generational differences - younger survivors are more likely to report emotional concerns, and seek help for them, than older survivors. Women are also generally more likely to report emotional concerns than men.

Does this indicate that there may still be a stigma around vocalizing a need and asking for help, especially among different groups? Are these still seen as a weakness or vulnerability, rather than a strength or necessity?

Emotional needs differ by age group, cancer type, and gender. What other personal identifiers may impact needs?

% who reported concern by cancer type:



We see that emotional needs of survivors vary across the types of cancer they are diagnosed with, age, as well as male vs. female. For example, 71% of prostate cancer survivors report concerns with changes in sexual intimacy, and 55% of breast cancer survivors report concerns with changes in body image.

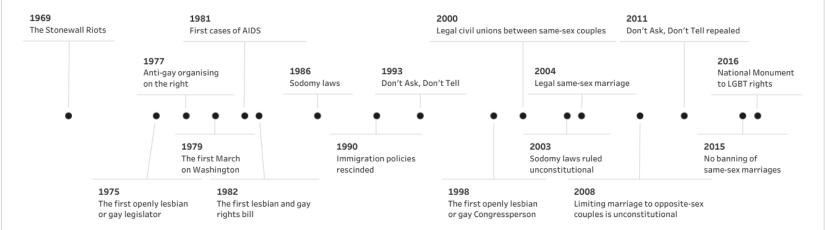
There are other identifiers that differentiate ourselves from one another - sexual orientation, gender identity, ethnicity, income, etc. - how might these impact emotional needs too?

Same-Sex Relations in America

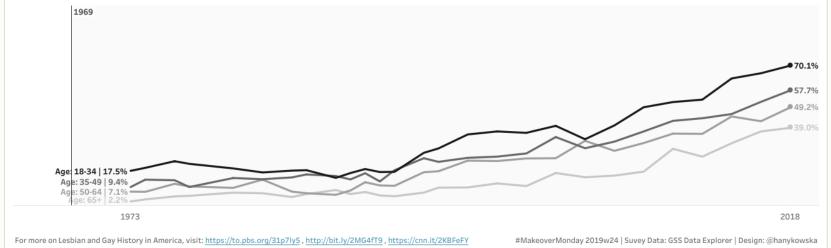
As of 2018, **57%** of adult Americans see **nothing wrong** in sexual relations between same-sex adults.

Timeline of Lesbian and Gay History - how did it affect the acceptance of same-sex relations?

Hover over the dots for details and to find the year in the line chart below.



How common is it to think there is **nothing wrong** for same-sex adults to have sexual relations?



AUTHOR: Hanna Nykowska

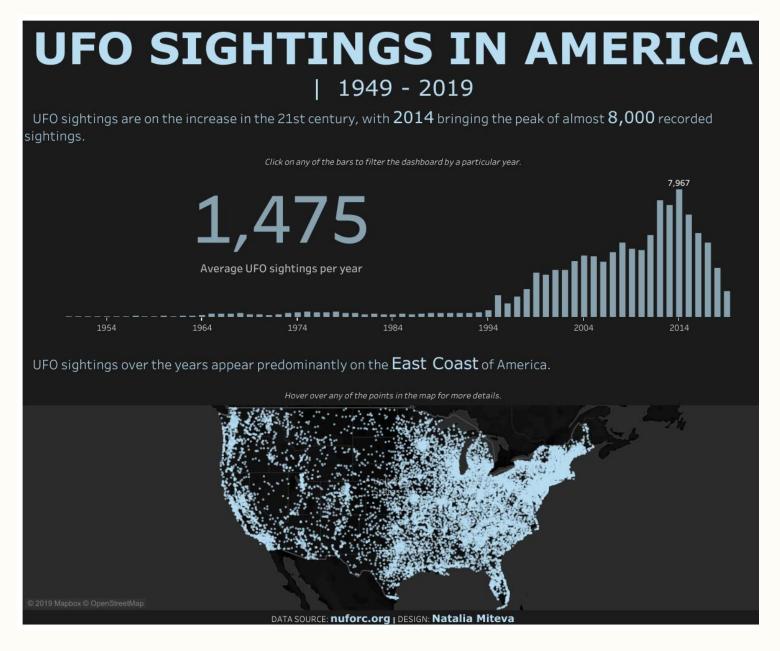
DESCRIPTION: Are Americans becoming more accepting over time? How do moments in LGBTQ history affect acceptance? Explore in this #MakeoverMonday visualization by Hanna Nykowska.

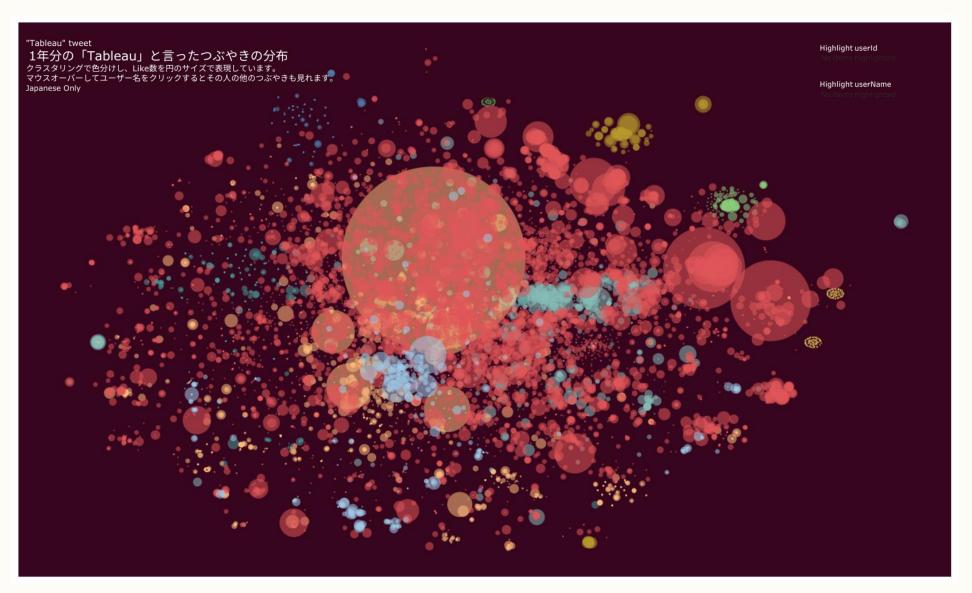
JED NOTES: What catches my eye here is the line chart at the bottom. Only three things are shown yet conveys so much; the percentage, the change over time and the shade between age groups. The timeline above is a great change from the traditional timelines I see and a lot less busy in appearance.

AUTHOR: Natalia Miteva

DESCRIPTION: Natalie Miteva visualizes the number of Unidentified Flying Object (UFO) sightings across America in the last 50 years.

JED NOTES: I always love maps. In a single image you can show so much activity be it concentrations, movement, distribution and more. In this visualization you can quickly see how much the sightings have grown in just 20 years. Connected to the advent of social media!?!...I wonder...





AUTHOR: Yukari Nagata 永田ゆかり

DESCRIPTION: Yukari Nagata transforms the Japanese Tableau community's tweets into a data constellation. Explore a year's worth of tweets that use the word "Tableau," and find out where you appear in the constellation!

JED NOTES: This thing is simply beautiful. It's ways interesting to see bubble charts like this because it always begs the question.....what's that big one represent? An awesome conversation starter!

https://public.tableau.com/en-us/gallery/year-tweets-about-tableau?tab=viz-of-the-day&type=viz-of-the-day

AUTHOR: Joshua Preston

DESCRIPTION: Joshua Preston visualizes the 2019 U.S. News & World Report Best States Rankings and shows each state's change in rank from 2018. The rankings draw on several metrics to measure how well states are performing in areas such as education and healthcare.

JED NOTES: What's eye-catching here is the perfect diagonal line; not really something you see very often in data. Joshua was able to use the diagonal line to represent rank followed by the change from one year to the next.

Such simplicity is what makes these types of visualizations great because the reader isn't overwhelmed with too many items.

U.S. NEWS & WORLD REPORT

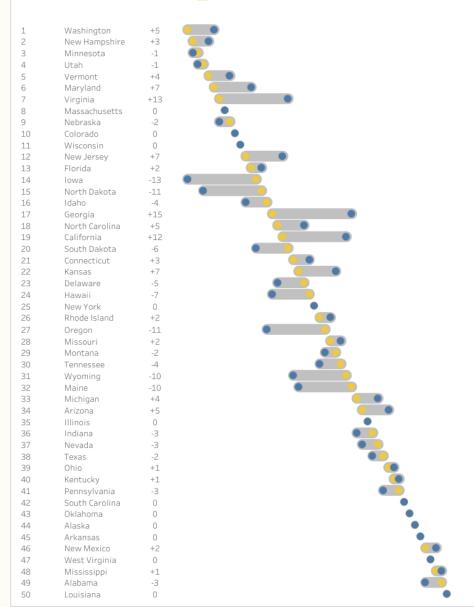
STATE RANKINGS 2019

Top Ranked No items highlight.. 2018

gains in 2019, jumping from #32 to #17 in the rankings. Explore how all U.S. states compare. The rankings draw on several metrics to measure how well

GEORGIA saw the biggest

states are performing. Learn More



WORLD NO TOBACCO Every year on 31 May, the World Health Organization (WHO) and global partners celebrate World No Tobacco Day. The annual campaign is an opportunity to raise awarenes on the harmful effects of tobaco use and second-hand smoke exposure, and to discourage the use of tobacco in any form. The campaign has ben in existence since 1988, and although there is still work to be done, the efforts of the WHO and it's global partners have had a sign

AUTHOR: Christian Felix

DESCRIPTION: Tobacco negatively impacts the health and well-being of all people. For #ProjectHealthViz, Christian Felix visualized the decrease in tobacco use over time and across countries (viz inspired by Michael Nixon).

JED NOTES: Let's be honest, the cigarette graphic here is amazing! I'm assuming it was created in Tableau using a line graph rather than a photoshopped image. Goes to show that with some creativity, you can create some very interesting graphics.

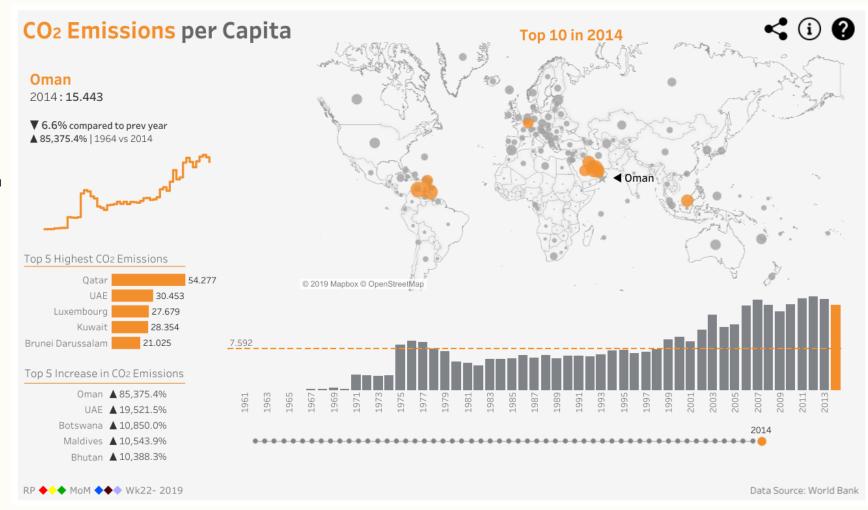
https://public.tableau.com/en-us/gallery/visualizing-no-tobacco?tab=viz-of-the-day&type=viz-of-the-day

AUTHOR: Prasanna Ratnam

DESCRIPTION: Which countries emit the most carbon dioxide? For this #MakeoverMonday challenge, Prasanna Ratnam visualized CO2 emissions per capita in metric tons.

JED NOTES: I like the way the final orange bar chart is seen across the visualization. When only a single colour is used, it's so much easier to follow he story line.

Again a beautiful map has been used which blends seamlessly into the coloured background so as not to distract from the orange.



https://public.tableau.com/en-us/gallery/carbon-dioxide-emissions-around-world?tab=viz-of-the-day&type=viz-of-the-day

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