Name: Thomas Cluff   **Date:** 11/11/2021

Lab section: Thursday

Show your work!!!

Acquire

Week: 27

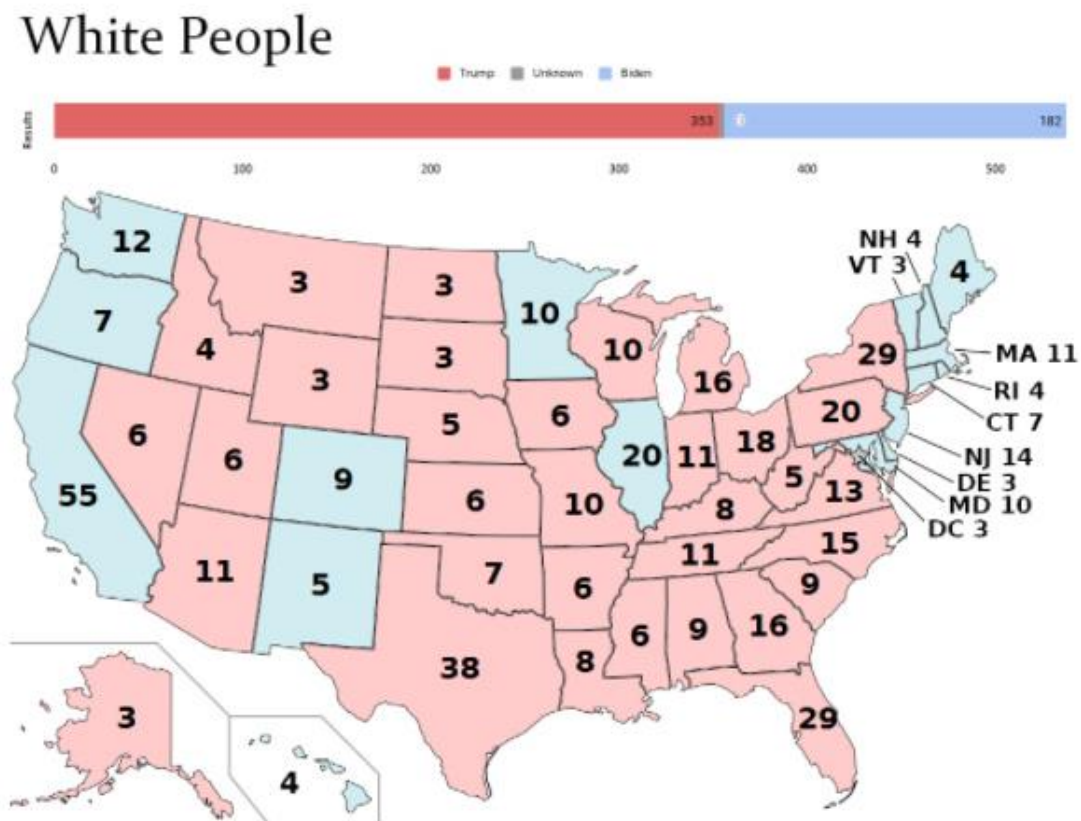Date: 7/4/2021   Year: **2021**   Data:

Source Article/Visualization:

2020 Electoral Map If Only _____ Voted Created by: Dustin Gibson Source: Dustin Gibson via AP Votecast Exit Polls (which can be viewed on the New York Times) Additional Info: Reddit

https://www.makeovermonday.co.uk/data/data-sets-2021/

Represent

Critique

I like how easy it is to understand the data at a glance. I don't like how it only shows a "what if only this category voted". I plan on showing a more dynamic scale in the map. Not just a black and white "what if?".

The existing visualization is a structural visualization. It covers an overview of the data with a convergent mindset.

Mine

Which age group is the most biased towards a political party.

Filter

	A	B	C	D	E	F	G	H	I	J	K
1	Demograp	State	State Abb	Winner	Biden %	Trump %	Biden Elec	Trump Ele	Electoral Votes Available		
2	18-29	alabama	AL	Trump	45	52	0	9	9		
3	18-29	arizona	AZ	Biden	59	37	11	0	11		
4	18-29	california	CA	Biden	73	24	55	0	55		
5	18-29	colorado	CO	Biden	64	33	9	0	9		
6	18-29	connectic	CT	Biden	66	30	7	0	7		
7	18-29	delaware	DE	Biden	59	39	3	0	3		
8	18-29	florida	FL	Biden	64	34	29	0	29		
9	18-29	georgia	GA	Biden	58	39	16	0	16		
10	18-29	illinois	IL	Biden	61	34	20	0	20		
11	18-29	indiana	IN	Trump	45	51	0	11	11		
12	18-29	iowa	IA	Biden	49	48	6	0	6		
13	18-29	kansas	KS	Trump	45	50	0	6	6		
14	18-29	kentucky	KY	Trump	46	50	0	8	8		
15	18-29	louisiana	LA	Biden	54	43	8	0	8		
16	18-29	maine	ME	Biden	61	33	4	0	4		
17	18-29	maryland	MD	Biden	76	21	10	0	10		
18	18-29	massachu	MA	Biden	69	29	11	0	11		
19	18-29	michigan	MI	Biden	62	36	16	0	16		
20	18-29	minnesot	MN	Biden	66	32	10	0	10		
21	18-29	mississipp	MS	Trump	47	50	0	6	6		
22	18-29	missouri	MO	Biden	50	46	10	0	10		
23	18-29	nebraska	NE	Biden	55	41	5	0	5		
24	18-29	nevada	NV	Biden	64	31	6	0	6		
25	18-29	new-hamp	NH	Biden	62	34	4	0	4		
26	18-29	new-jerse	NJ	Biden	62	37	14	0	14		
27	18-29	new-mexi	NM	Biden	60	39	5	0	5		
28	18-29	new-york	NY	Biden	60	37	29	0	29		
29	18-29	north-caro	NC	Biden	57	41	15	0	15		
30	18-29	ohio	OH	Biden	54	43	18	0	18		
31	18-29	oklahoma	OK	Biden	55	43	7	0	7		
32	18-29	oregon	OR	Biden	63	31	7	0	7		

Stakeholders

- Who is your audience?
    - My audience is prospective voters and political analysts.
- What assumptions did you make?
    - I am assuming that this data is representative of the whole because it was collected through surveys
- What visualization tool/software did you use?
    - I used Excel and Tableau

What to submit: This document in PDF format only (if you do not know how to do this, ask).

Choose the best layout for your makeover visualization: Portrait or Landscape, Remove the page of the layout that you DO NOT choose. No blank pages!

NEW Sketch your Makeover

Refine (Makeover – Portrait View)

In the space below, show the computer-generated version of your sketch using the visualization tool of your choice. DO NOT draw what you sketched. The visualization should be created with the visualization tool (Tableau, Excel, Power BI, etc., of your choosing). Remember, the purpose of visualization is *"insight."* Take and include a screenshot of your visualization and include it below. Use Data Visualization Best Practices (see data visualization checklist). ==You MUST use more advanced chart types for your makeover.== **==Chart types that are not allowed: bar (single or stacked), pie, line charts, scatter plots, no tables.==**

Figure Caption. <replace this text with your figure caption>.
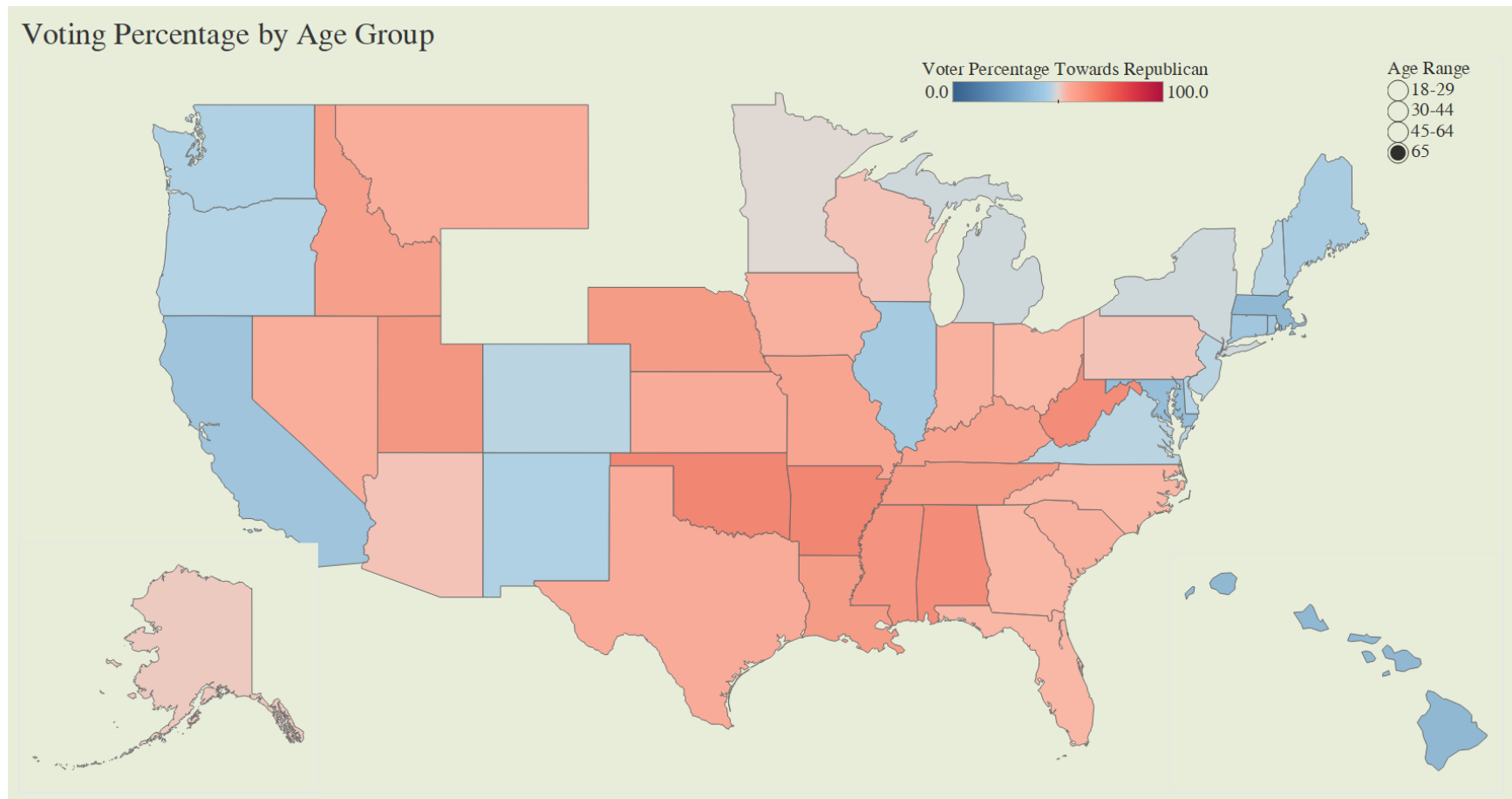
Refine (Makeover – Landscape view)

Figure Caption. This chart shows the voting demographics of the United States of America in the 2020 Presidential election by age range. In the interactive dashboard you can see how states shift red the older the age range.

Resources
Data Visualization Checklist:
http://stephanieevergreen.com/wp-content/uploads/2016/10/DataVizChecklist_May2016.pdf

How to give constructive criticism:
https://personalexcellence.co/blog/constructive-criticism/

Sample Makeovers
https://www.makeovermonday.co.uk/gallery/

Grading Rubric

Excellent (11-15 pts)	Good (6 -10 pts)	Fair (2-5 pts)	Needs Improvement (0 - 1 pt)
Meets **ALL** or most of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	Meets **MOST** of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	Consistently meets **SOME** of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	Little to no evidence of the understanding of the data visualization process.\n\nLackluster makeover or no makeover.\n\nLittle effort.
Sketch included: hand drawn [5 pts]	Sketch included, but was generated by computer [2 pts]	No sketch included. [0 pts]	
More advanced chart types used [5 pts]	More advanced chart types used, followed most best practices [3 pts]	Basic chat types used in the makeover [2 pts]	Little to no improvement in visual representation of the data [0 pts]