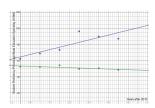
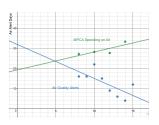
Group 1 The Relationship Between Math Proficiency and State Spending on Education Hazal W. (668), Anlyah H. (668), MJ W. (66A), Will F. (66A)

April is a math tubor. You'd think she'd been good at math from an early age, with a story that goes something along the lines of a math prodgy at a young age, she assisted all her there with their main, bearing her to eventually become a tubor. Even that's not ther story at all. Instead, if a a dory of stragging with math to such a point that here was about to all high school. When her bold her story, he said about ther math site, if was denoted in a to drain any and the same in danger of not gradualing high school. "When all to drain paint bubbles, the was all do to thory. The same in danger of not gradualing high school." When all to drain paint bubbles, the was all do to through. But this



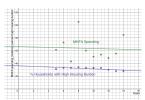
Group 3 Minnesota Air Quality vs MNPCA Spending on Air Jackson.S (64B), Leland E (64B), Otts.K (67A), and Owen.V (65B)

Outside on a hot summer day. You get a notification on your phone. "Air quality warning twin cities." You get home, but your asthma is acting up. You can't catch your breath and you start coughing. You reach for your inhader, but it isn't oling anything. You have to go to the hospital Imagine this happening to you. People with respiratory conditions are at an increased risk because of air pollution in Minnesota.



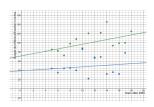
Group 5 Households with High Housing Burden vs MHFA Spending Kian D (658), Joshua O (658), and Jaime V (67A)





Group 7 State Transportation Spending vs Snowfall: a Story of Poor Snow & Ice Removal El B (64B), Oliver P (64A), Leo G (67A), and William P (67A)

Note you see been diving in the winter despetate to get brand? It is a complete without, and the reads are covered in some. Even though this been reaving for a thick, you can see that the response time of the plows as also with. Also there is also divide the plowing bocause the some third divide targe parameters of the the divide target the some the some the block and play and the play the players of the some the some the block and players and the some target target target the some target target



With multi proficiency at the level, it is, there are more stories like April's than not. This means that there is a need for brittle education policies, because despite high government education policies, but policies you apropriot and the advance of expected growth levels, the datase to band on multi professions; above a data downward teacts. In 2019, there is a cover, me, me studied have stored 45 min spotfactory, by down and there is a cover, me, me studied have stored 45 min spotfactory, the studies and the store of the store of the me to being able to get [obs.

The expected growth levels, according to the Minnesota Management and Budget website, are determined based on assessment results. They are based on average subdent improvement for students with unitial accords statedied. With this data and the unitial determined, we how that the state sponting is poing up (adjusted for initialion of adjusted and the percentage of students at expected growth hereits in main far going down.

Right now, Governor Walz is making a lot of promises about education, the new budget, and natal is going to be done. But although here, are all enorthy goats, a ble prointy should be examing that students are passing the classes and learning about whether their students are passing and are going to continue to past. We need to figure out how to his prodetine, not instead of bourget on ensuing that they are learning in schools that are how after they can be.

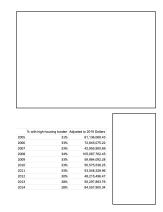
Year	Percent of Students at or Above Expected Growth Lovels in Math	State Spending on Education Por Year (adjusted for inflation in 2019 dollars)	"Spending is go up (adjusted for inflation in 2019
2010	62.6%	\$6,228,798,821.66	dollars), and th
2011	62.1%	\$6,880,083,612.07	percentages of
2012	54.1%	\$7,331,719,095.66	students at
2013	49.7%	\$9,622,872,925.06	expected growt levels in math in
2014	50.5%	\$8,980,442,503.65	doing down."
2015	40.0%	\$8,712,894,638,81	going down.

We have gotten our intermation from the pollution control agency website. As you can see in our graph we have thed up at quality alerts and spending on the Y ask, and through the years, and is proportional to state spending. The lines on our graph reflect that the pollive changes in air quality are directly related to the amount of state humins for the pollive changes in air quality are directly related to the amount of state through the years.

We believe that the state of Minnesota could be spending more money on figuring out a way to purity our air and restore II. We also think that some state regulations should be applied. Companies that produce more carbon dioxide should pay more in taxes to discourage them to produce card on dioxide.

	Year	Air Quality Days	MNPCA Spending on Air (Adj)
8	2008	16	27,155,432.11
9	2009	16	
10	2010	22	28,211,507.14
11	2011	15	
12	2012	9	27,679,512
13	2013	6	
14	2014	4	33,287,129
15	2015	12	
		Source: Minneso	ta Pollution Control Agency

Minnesota has improved its air quality. In 2010, it had 22 days of air quality alerts that's the highest it's ever gotten.



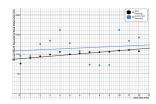


A cimate change continue is Minerada will see more store. Hering taker response times (parting ploor and strucks of ()) some on hybrings will here () here the next all by which even have time to plot them and of the state. If will also doctase the plot them and the structure of the state of the state. If will also doctase the time of the structure of the state of the structure of the structure of the state of the state of the state of the structure of the structure of the state of the state of the structure of the structure of the state of the the complete these tasks but it will be worth in the end. In conclusion we then it is and the invest the structure of the structure of the structure of the the structure of the s



## Group 2 State Transportation Spending vs Public Transportation Ridership Emilia (658), Daniela (67A), and Jonas (658)

## In mid February a female student at our school was riding a public bus skore. Their were many people on the bus, and the wase minding the fouriesce, when a group of how or three grown me stated versally harascing her. She public the reaptrons in to but and dissuads them, but they know or willing at hor. They even went as tra at o get of the study. No employ the public the was 13 and they were grown men twice here age. Despite this, she still uses the public bue even/stay. Why? Because she model to.



Group 4 Math Proficiency in 8th Grade vs State Education Spending Maleah Y (666), Udv (668), Cardell O (678), and Gabby H (67A)

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1 2 3 4 5 6 7 6 9

Group 6 Violent Crime Rate in MN vs Spending on Public Safety and Corrections are G (67A), Cyanna R-G (67A), Dani B (65B), and Sami O. (65B)

Two lick wave walking back how load juber offer (j) to go whow networks the mean them and targetly reaches on a file agi for them man and samply reactions and the being shaded by the police. After the gris withvessed this they got evented and in an to conset tools with a load and on going file police. The mean shade the mean too conset tools with a load one off agi police. The shade the shade to the their moments the shade to the shade to the shade to the index too the shade to the shade to the shade to the index too the shade to the shade to the shade to the index too the shade to the shade to the shade to the shade to the index too the shade to the shade to the shade to the shade to the index too the shade to the shade to the shade to the shade to the index too the shade to the shade to the shade to the shade to the index too the shade to the shade to the shade to the shade to the index too the shade to the shade to the shade to the shade to the shade too the shade to the shade to the shade too the s

Public Safety Spending

Voter Cree Rate per 10()000

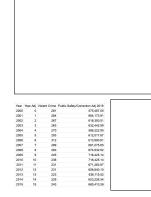
Many people have no choice about hose flag yeal accurat, and faits is any ven need to the mach rever which is public transplant. According to the MN exaction of statistics about government opeording, the bial information is always abatily increasing, while the spending is nody and futuationing. Accurat 81 people. Accurat 91 people and will experience sexual harassment in their lifetimes, but many thousands of people still rise public bases and transportation.

We need you to help with making sure that the public buses and other transportatic options are safe and clean to ride on. We need to make sure that nobody feels uncomfortable or unsafe on the only option they have.

Year	Rides taken on public transportation (in millions)	Government spending on public transportation (in millions)
2004	76.3	96.7
2006	90.3	96.4
2006	94.9	126.0
2007	99.3	134.6
2006	106.1	162.1
2009	99.9	128.1
2010	102.3	107.7
2011	105.4	73.5
2012	105.5	72.0
2013	106.3	72.7
2014	109.7	162.2
2015	111.0	134.2
2016	107.5	143.1

According to the data, public ridership is always upward. We need to spend more on public transportation to help people who don't have any other choices.

	% Proficient in Math	Adj 2019 PPA
2010	% Proficient in Math 52.60%	Adj 2019 PPA \$5,939.87
2010 2011		
	52.60%	\$5,939.87
2011	52.60% 52.10%	\$5,939.87 \$5,814.30
2011 2012	52.60% 52.10% 54.10%	\$5,939.87 \$5,814.30 \$5,751.46
2011 2012 2013	52.60% 52.10% 54.10% 49.70%	\$5,939.87 \$5,814.30 \$5,751.46 \$5,753.07



	Group 8	
Homelessne	ss in Minnesota vs MFIP Allocation	
	Sebastian, Lae Doh, Gabe	

Vear	MEIR add	Number Of Momelers	] [
	MFIP adj	Number Of Homeless	
5	\$126.09	69.18	
5	\$126.09 \$122.60	69.18 67.25	
5	\$126.09 \$122.60 \$122.60	69.18 67.25 73.23	
5 6 7	\$126.09 \$122.60 \$122.60 \$118.07	69.18 67.25 73.23 76.44	
5 6 7 8	\$126.09 \$122.60 \$122.60	69.18 67.25 73.23 76.44 77.18	
5 6 7 8 9	\$126.09 \$122.60 \$122.60 \$118.07 \$118.49 \$116.58	69.18 67.25 73.23 76.44 77.18	
5 6 7 8 9	\$126.09 \$122.60 \$122.60 \$118.07 \$118.49 \$116.58 \$113.01	69.18 67.25 73.23 76.44 77.18 78.69 75.68	
5 6 7 8 9 10	\$126.09 \$122.60 \$122.60 \$118.07 \$118.49 \$116.58	69.18 67.25 73.23 76.44 77.18 78.69 75.68 74.95	
5 6 7 8 9 10 11 12	\$126.09 \$122.60 \$122.60 \$118.07 \$118.49 \$116.58 \$113.01 \$110.72 \$109.12	69.18 67.25 73.23 76.44 77.18 78.69 75.68 74.95 73.06	
6 7 8 9 10 11 12 13	\$126.09 \$122.60 \$122.60 \$118.07 \$118.49 \$116.58 \$113.01 \$110.72	69.18 67.25 73.23 76.44 77.18 78.69 75.88 74.95 75.88 74.95 73.06 82.14	