Top Data Visualizations

Data Visualization Contest
GOVT16/QSS17
(Spring 2022)

The DV Mug Winners –
Acceptance Rates Fall as Average SAT Scores Rise at Top Universities (2005–2020)

Graphs Depict the 15 Highest–Ranked Universities from Niche 2022 Best Colleges in America Rankings

The figures reveal an inverse correlation between undergraduate acceptance rates and average SAT scores at select universities from 2005-2020. - Eleanor Clark ‘24
This figure shows the extensive expansion of the Emerald Ash Borer’s range in the United States between 2005 and 2015. Since the invasive beetle was first discovered on American soil in Michigan in 2002, it has rapidly spread to at least 27 states and killed over 100 million ash trees. - Michael Chan ’23
The figure shows that in most U.S. states, men graduate university with higher college debt than do their female counterparts. Further, it shows where the states with the highest debt discrepancies are geographically. The bar chart highlights the top 5 states with the biggest differences in debt by gender.

- South Dakota
- Alabama
- Delaware
- Kansas
- Montana

*Note: Data compiled from student data collected from 2018 to 2020

The figure shows that in most U.S. states, men graduate university with higher college debt than do their female counterparts. Further, it shows where the states with the highest debt discrepancies are geographically. The bar chart highlights the top 5 states with the biggest differences in debt by gender. - John D'Avanzo, ‘25
Using data points from around the world, this figure shows the correlation between safe abortions, either as a percentage of all pregnancies or subsetted for unintended pregnancies, and lower maternal death rates from live births or unsafe abortions. Safe access to abortion is necessary around the world. - Madeline Gochee '23
Over the last 15 years, some Ivy League schools have maintained a low record of on-campus arrests due to alcohol and drug violations. Others, such as Dartmouth, rank high in the number of arrests per 1,000 students. - Lorraine Liu '22
There has been an increase in countries classified as Closed Autocracies and an inclination towards more autocratic regimes in the last ten years in Asia.

In the past ten years, Asia has had an increasing number of countries become classified as Closed Autocracies. Irrespective of classification, the liberal democracy scores of most Asian countries has decreased in the past ten years, demonstrating an inclination towards autocracy across Asia. - Sharanya Majumder ’24
This figure explores how a country’s economy is correlated with its democracy level. The more democratic a democratic country is, the higher its GDP per capita, i.e., the greater economy it has. Autocratic countries tend to share similar GDP per capita, i.e., similar economic conditions. - Lucy Ruji Shao ‘23
This figure shows the distribution of prices for houses sold in the United States over the past two decades. - Rylan Tribush '22