

# Problem Set 3

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September 8, 2025

## Visualization 1: Top 10 Schools for Vaping Incidents (2021)

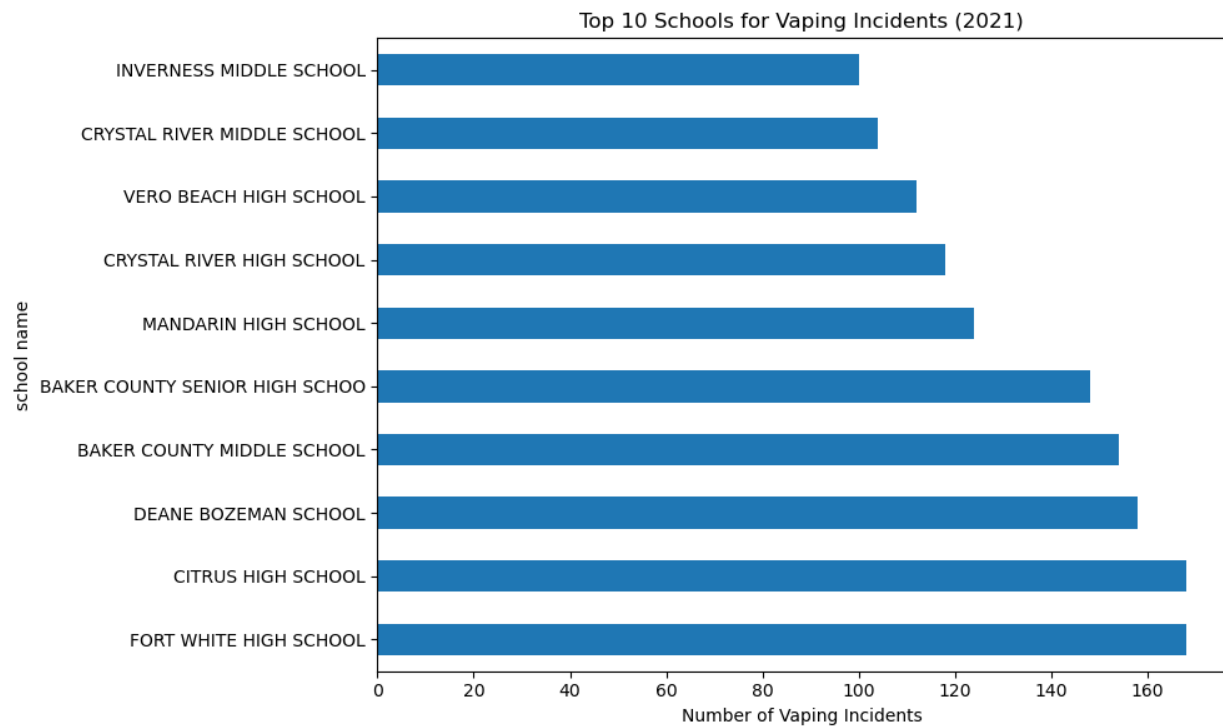


Figure 1: Top 10 schools with the highest vaping incidents in 2021.

This figure uses data from the Florida DOE SESIR dataset (2021). It highlights the ten schools with the most vaping-related incidents. The results show that a relatively small group of schools accounts for a large portion of reported vaping cases, suggesting that the problem is more concentrated in specific locations.

## Visualization 2: Top 10 Districts for Vaping Incidents (2021)

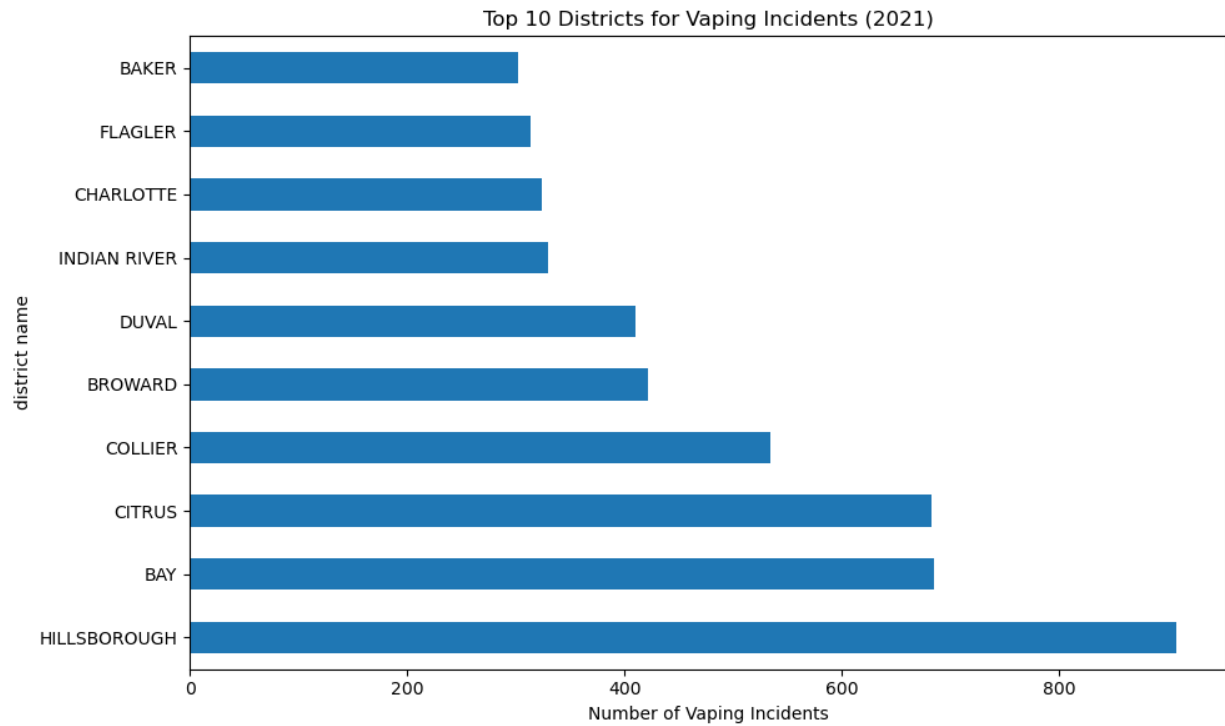


Figure 2: Top 10 districts by vaping-related incidents in 2021.

This figure also uses the Florida DOE SESIR dataset (2021), but aggregates incidents at the district level. It shows which districts have the highest reported totals of vaping-related cases. The visualization indicates that larger districts tend to report more cases, but some districts clearly stand out as hotspots compared to others.

### Visualization 3: Vaping vs. Total Incidents (2021)

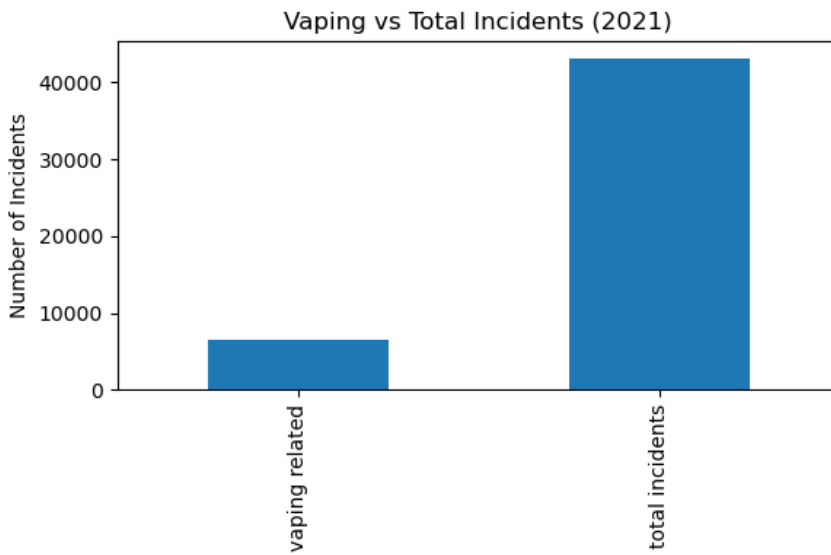


Figure 3: Comparison of vaping-related incidents to all reported incidents in 2021.

This figure compares vaping incidents against the total number of all incidents in the 2021 dataset. While vaping is not the majority of school safety incidents, it represents a significant share of the overall problem. This emphasizes that vaping is one of the leading behavioral and safety concerns in Florida schools.