

Goal 1: Reduce per capita energy consumption and promote alternative fuel resources to increase affordability and resilience of regional energy supplies	
Objective 1.5: Increase the number of alternative fuel stations	
Metric: Number of alternative fueling stations Unit of Measurement: Number of alternative fueling stations	Metric Data Source: US Department of Energy Alternative Fuels Data Center Sharing Method: Online data download

Target Value: 220 alternative fuel stations (50% increase)
Baseline Value: Stations that existed as of 2012

US DOE Alternative Fuels Data Center

Download CSV for Ohio

Downloaded Dataset

Filter data by open date

Map of stations for each year

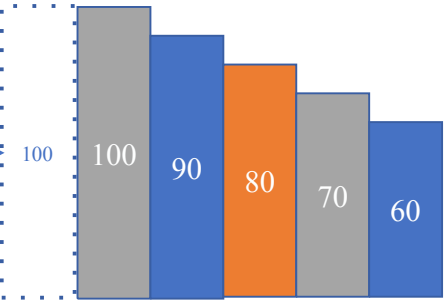
Geocode address locations onto map

Automated Process
 Manual Process
 Processing Uncertain

Data filtered by open date

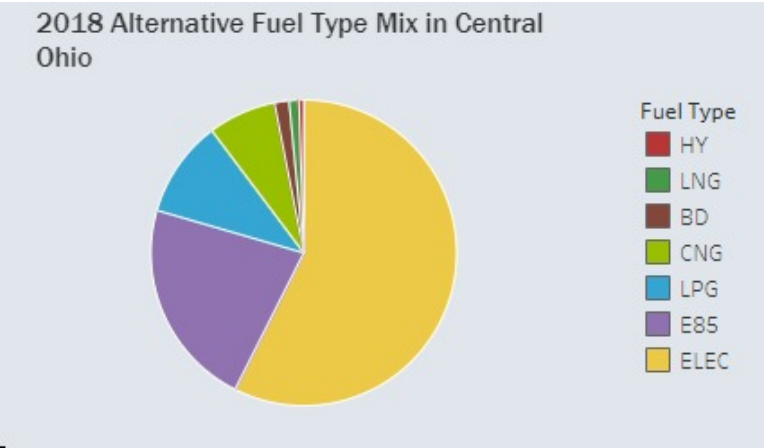
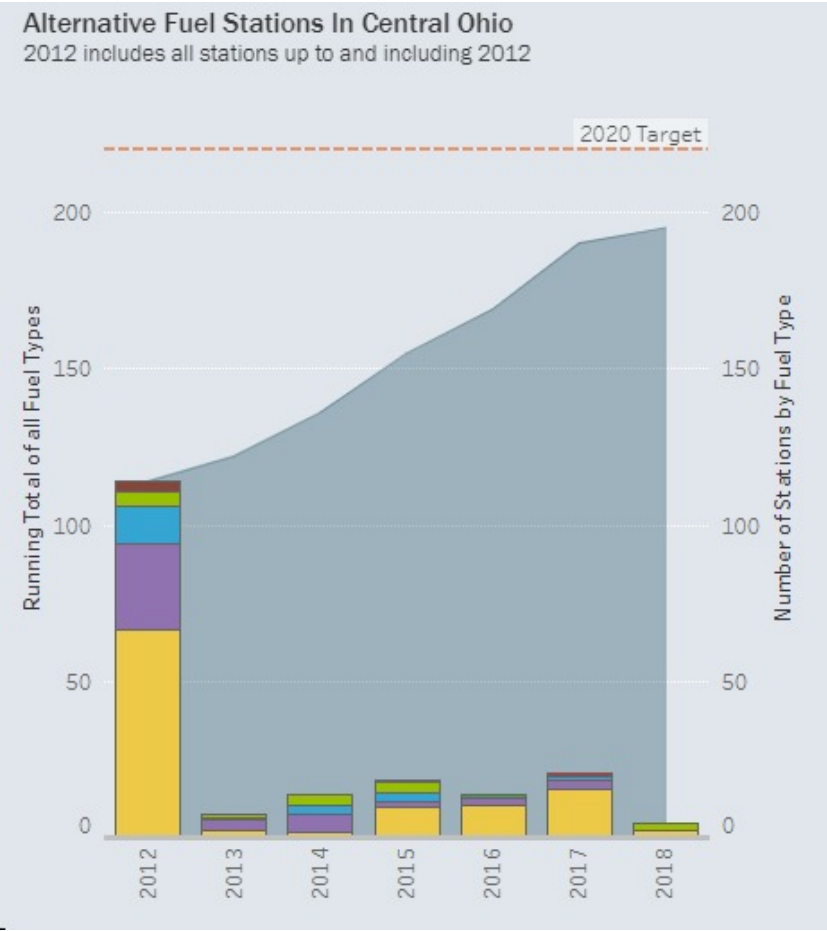
Counts of station by county by fuel type

Count number of stations in each county by fuel type



Desired output: Stacked bar chart of total number of fueling stations by year

Previous Visualizations



Suggested Text

Using alternative fuels and advanced vehicles instead of conventional fuels and vehicles helps the United States conserve fuel and lower vehicle emissions.

The number of alternative fuel stations in Ohio continues to grow. The US Department of Energy alternative fueling station dataset indicates that Ohio has 886 stations and 1,252 charging outlets. Electric vehicle charging stations currently dominate the alternative fuel mix and see the fastest growth rate among alternative fueling stations.

Webpages for more information:
 Smart Columbus Your Path to Driving Electric:
https://smart.columbus.gov/get-involved/drive-electric/?gclid=CjwKCAjw9L_tBRBXEiwAOWVVCaOjnYt9E_AS5jrZGak0hUxNUFcwPaMXC1QAgB6FoGtNznchrhD6a9RoCdPcQAvD_BwE

US DOE Alternative Fuels Data Center:
<https://afdc.energy.gov/fuels/>

US DOE Ohio Transportation Data for Alternative Fuels and Vehicles:
<https://afdc.energy.gov/states/oh>