



Energy Consumption Analysis of USA



Total U.S. energy consumption has increased, but energy consumption per capita has decreased

While total annual U.S. energy consumption has trended upward over time and the U.S. population has increased, the amount of energy consumption per capita (per person) peaked in the late 1970s. Annual per capita energy consumption was relatively flat from the late-1980s through 2000, and generally decreased each year since then. In 2020, U.S. per capita energy consumption dropped to the lowest level since 1965, mainly because of economic responses to the COVID-19 pandemic.

Factors contributing to lower U.S. per capita energy consumption since the 1980s include:

- -> Increases in efficiency of appliances, electrical equipment, and building insulation largely resulting from the establishment of energy efficiency standards and improved building energy codes
- -> Increases in the average fuel efficiency of vehicles resulting from the establishment of Corporate Average Fuel Economy (CAFE) standards
- -> Availability of financial incentives for energy efficiency investments
- -> Increases in utility-scale electricity generation with higher



Energy Consumption Analysis of USA



Total Cost

2M

Total Unit Consumed

22M

Energy type

☒ Electricity

☐ Gas

☐ Water

City

All

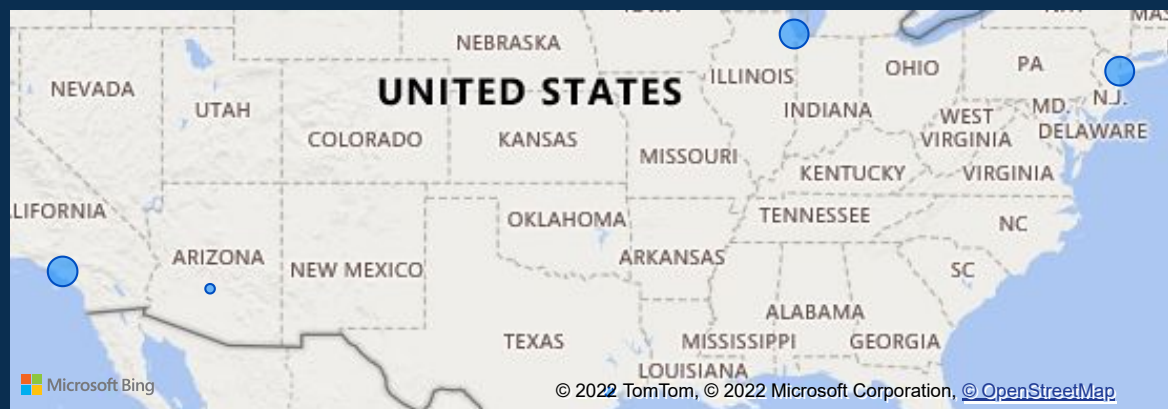
01-01-2016

01-12-2019

Building

All

Total cost and Total unit consumed by City



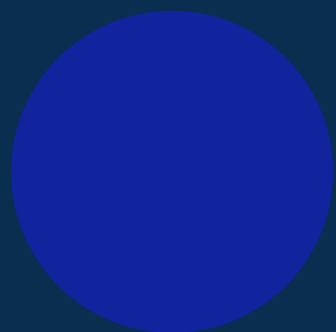
Unit consumed by Date and Energy type

Energy type — Electricity

Total unit consumed



Unit consumed by Energy type

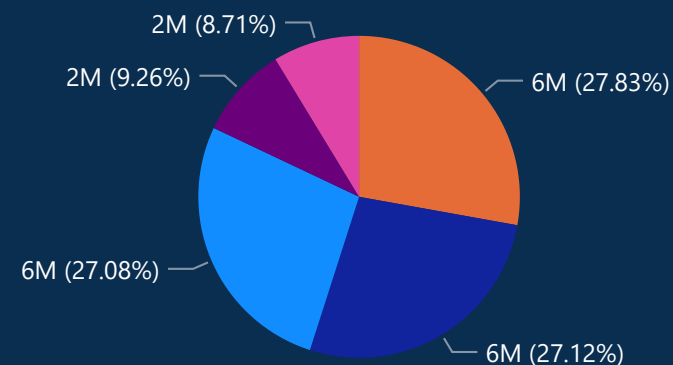


Energy type

● Electricity

22M (100%)

Unit consumed by City



City

● Los Angeles

● Chicago

● New York

● Phoenix

● Houston



Electricity Consumption Analysis of USA



Total Cost

2M

Total Unit Consumed

22M

City

All

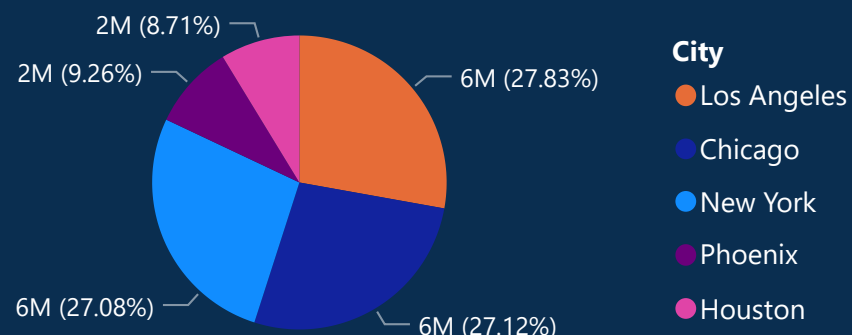
01-01-2016

01-12-2019

Building

All

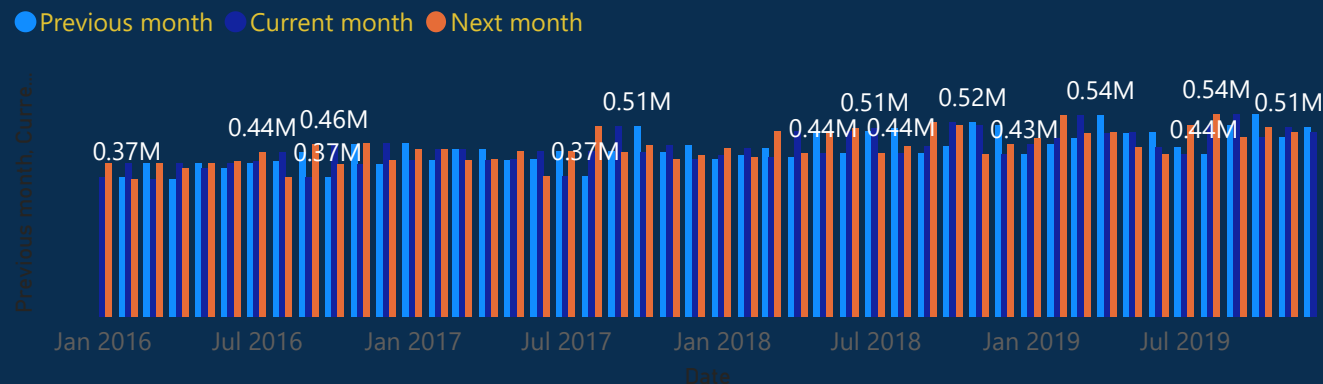
Unit consumed by City



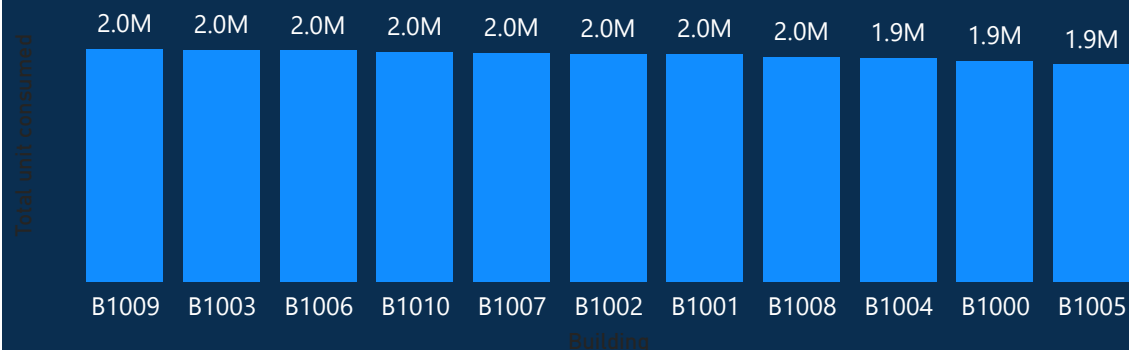
Datewise unit consumed



Previous, Current and next month unit consumption



Unit consumed by Building





Gas Consumption Analysis of USA



Total Cost

88K

Total Unit Consumed

66K

City

All

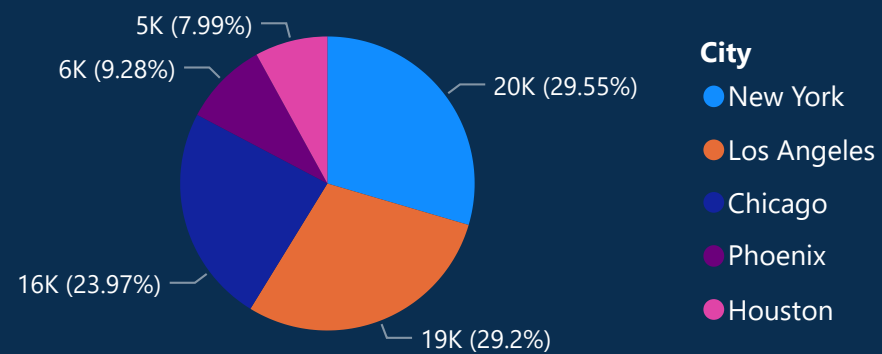
Date

01 October 2019

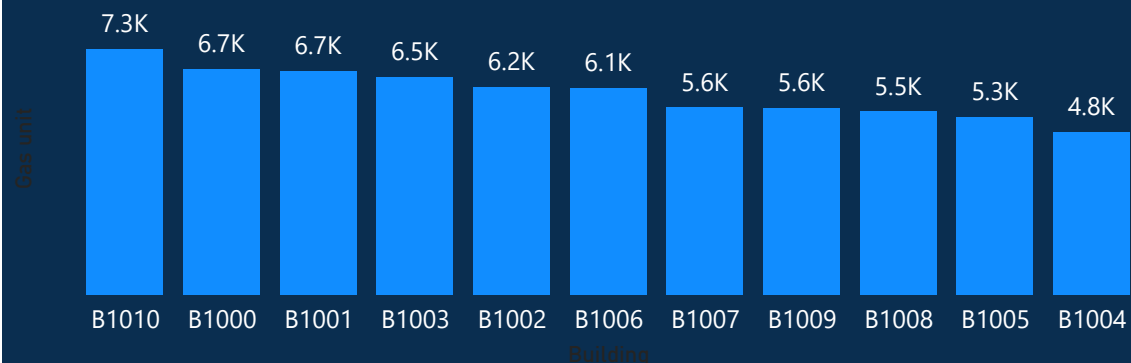
Building

All

Unit consumed by City



Unit consumed by Building



Datewise unit consumed

66K

Oct 2019

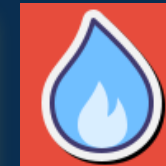
Previous, Current and next month unit consumption

Previous month gas Current month Next month gas





Water Consumption Analysis of USA



Total Cost

1M

Total Unit Consumed

17M

City

All

Date

All

Building

B1003

Unit consumed by City



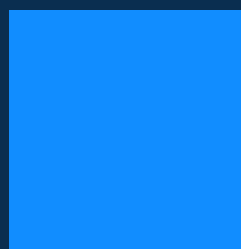
17M (100%)

City

Los Angeles

Unit consumed by Building

17M

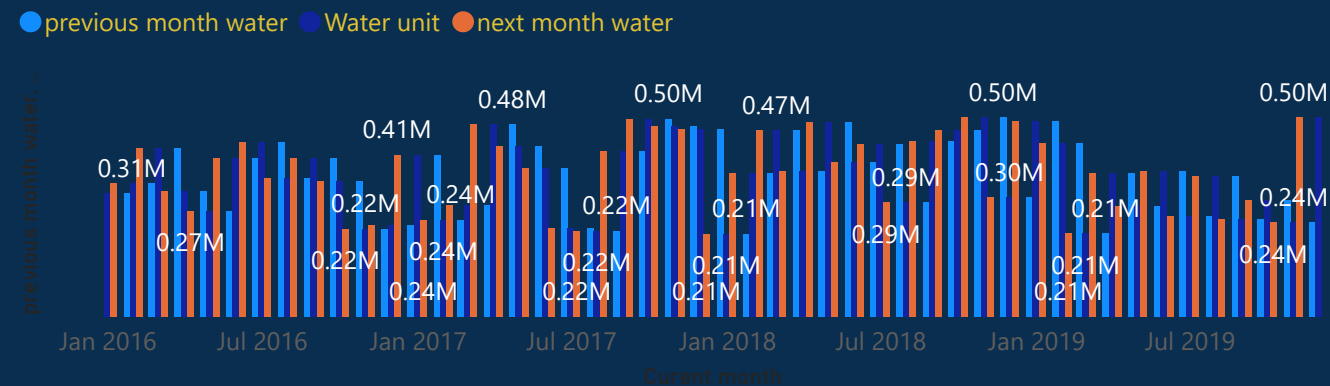


B1003
Building

Datewise unit consumed



Previous, Current and next month unit consumption





Summary data of all type of energy consumed by city and buildings in USA from 2016-2019

01-01-2016



01-12-2019



Country



USA

City



New York

Building



B1000

Energy type

