

COVID-19

Commercial and Residential Energy Usage Trends

11/5/2020

Analysis Summary

Section 1. Commercial Trends

- Comparison of Weather Normalized Commercial Sectors Electricity Consumption with Google Mobility (Workplace, Retail & Recreation and Grocery and Pharmacy) Percentage Change from Baseline.

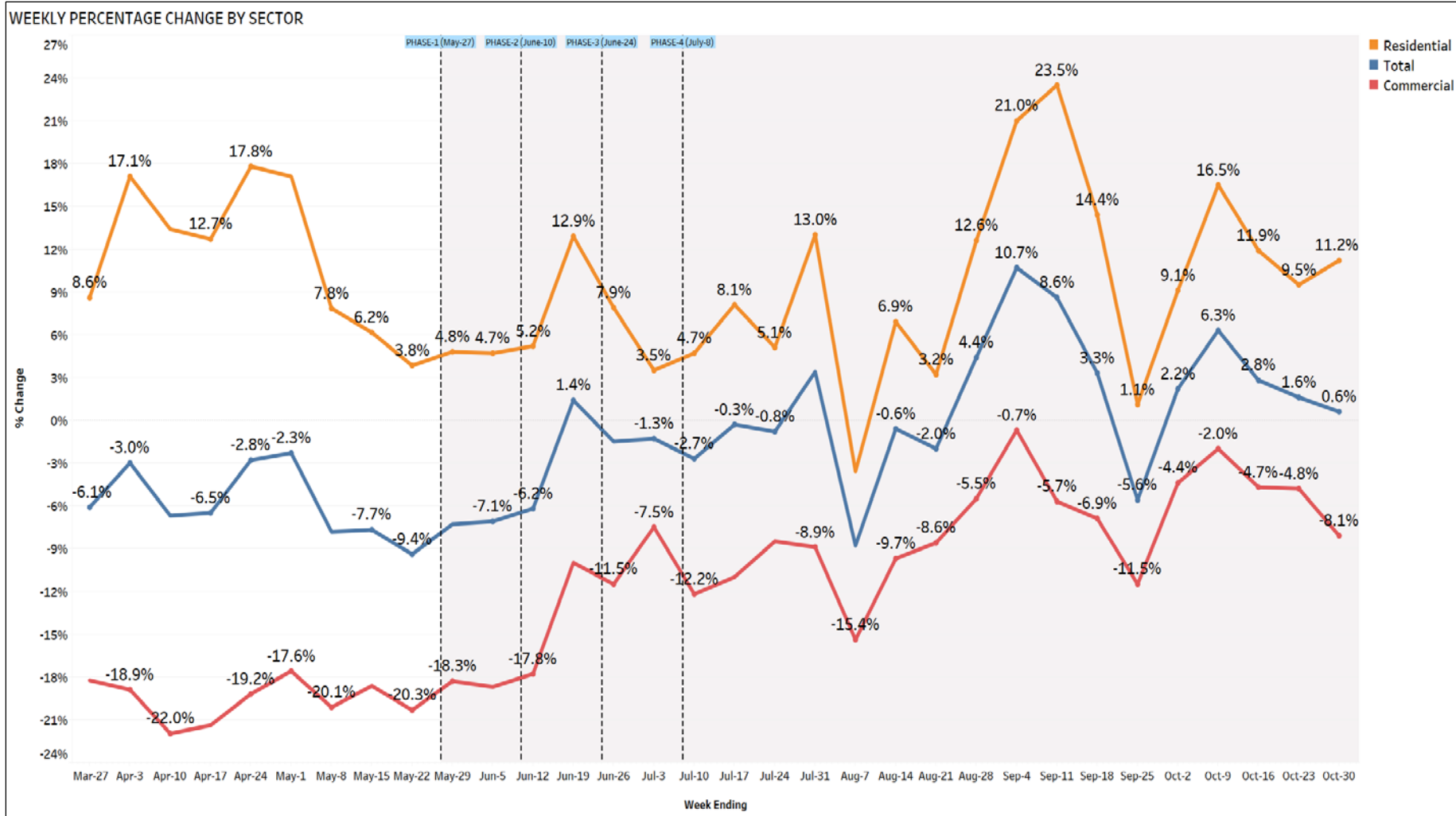
Section 2. Residential Normalized Load Profile

- Residential Monthly Load Shapes Changes Comparison to the same Month of 2019.

Note:

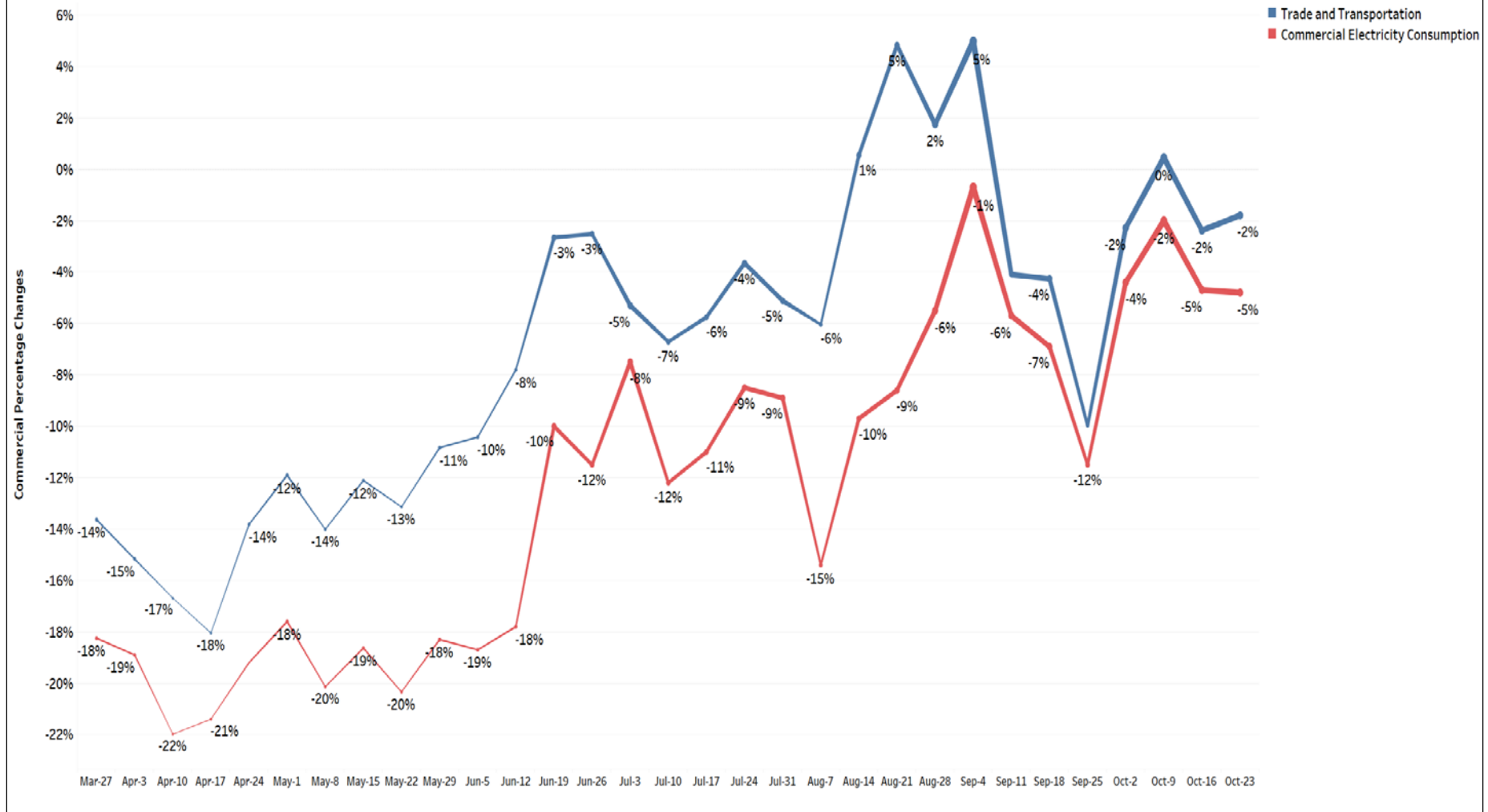
1. Weeks ending August 7th and August 14th 2020 were impacted by Tropical Storm Isaias.
2. August 22nd and 23rd, 2019 were impacted by a storm.

Residential and Commercial Electricity Consumption Compared to the same week of 2019



Commercial Electricity Consumption and Trade & Transportation Sector Weekly Weather-Normalized Changes Compared to the same week of 2019

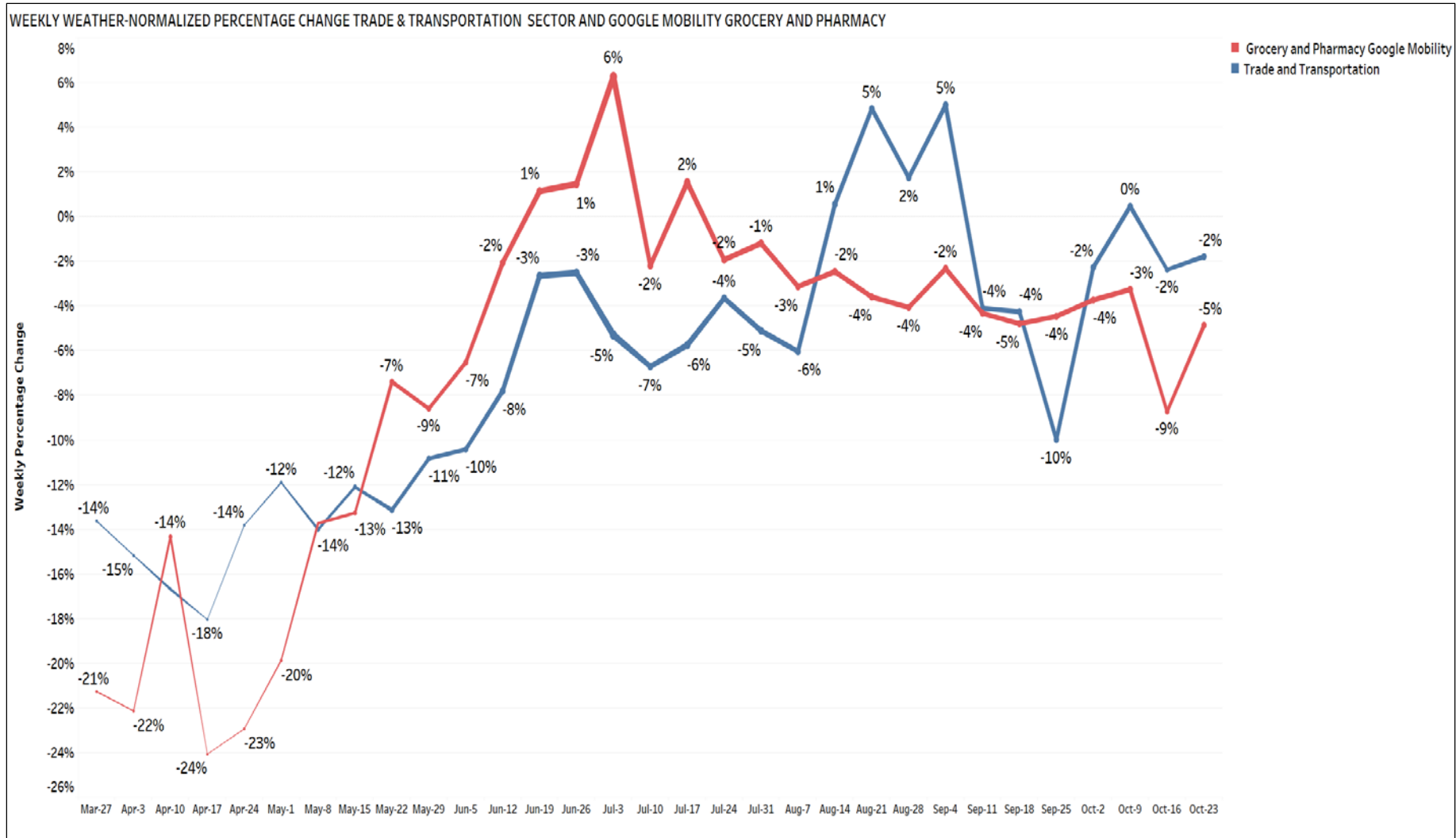
WEEKLY PERCENTAGE CHANGE COMMERCIAL ELECTRICITY CONSUMPTION AND TRADE & TRANSPORTATION SECTOR



Trade & Transportation Weekly Weather-Normalized Changes

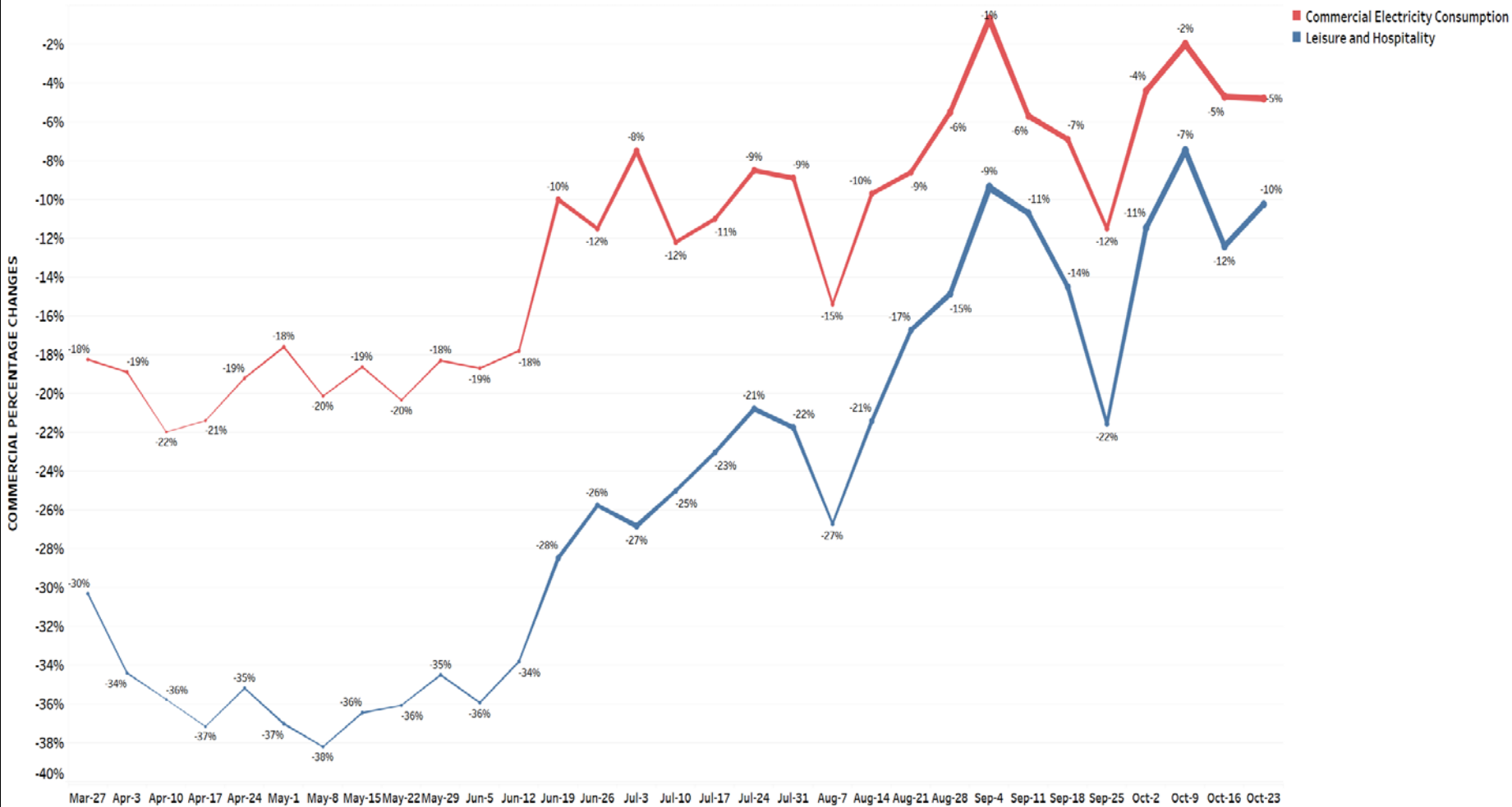
Compared to the same week of 2019 and

Grocery & Pharmacy Google Mobility Percentage Change Compared to Baseline



Commercial Electricity Consumption and Leisure & Hospitality Sector Weekly Weather-Normalized Changes Compared to the same week of 2019

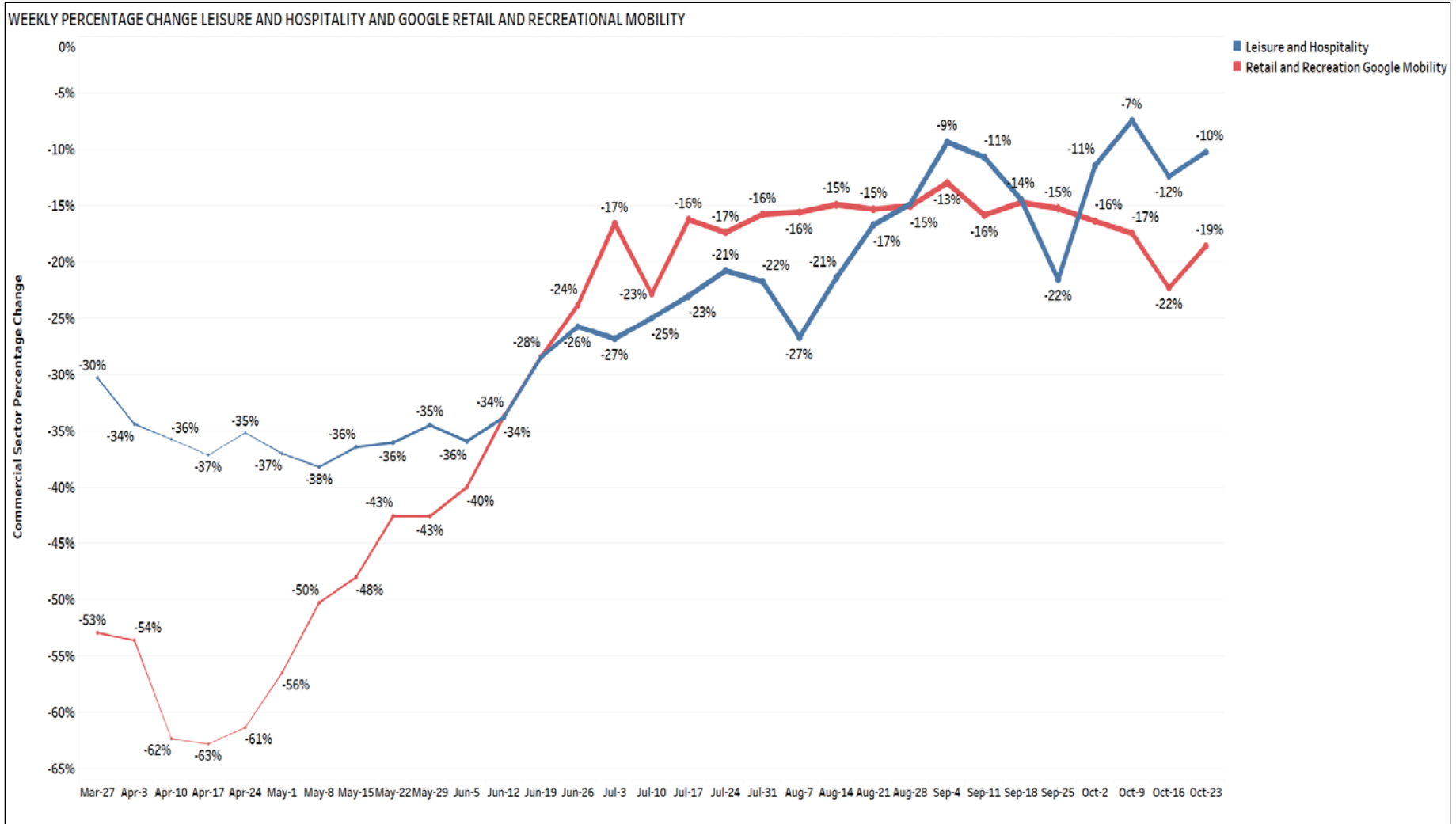
WEEKLY PERCENTAGE CHANGE COMMERCIAL ELECTRICITY CONSUMPTION AND LEISURE AND HOSPITALITY SECTOR



Trade & Transportation Weekly Weather-Normalized Changes

Compared to the same week of 2019 and

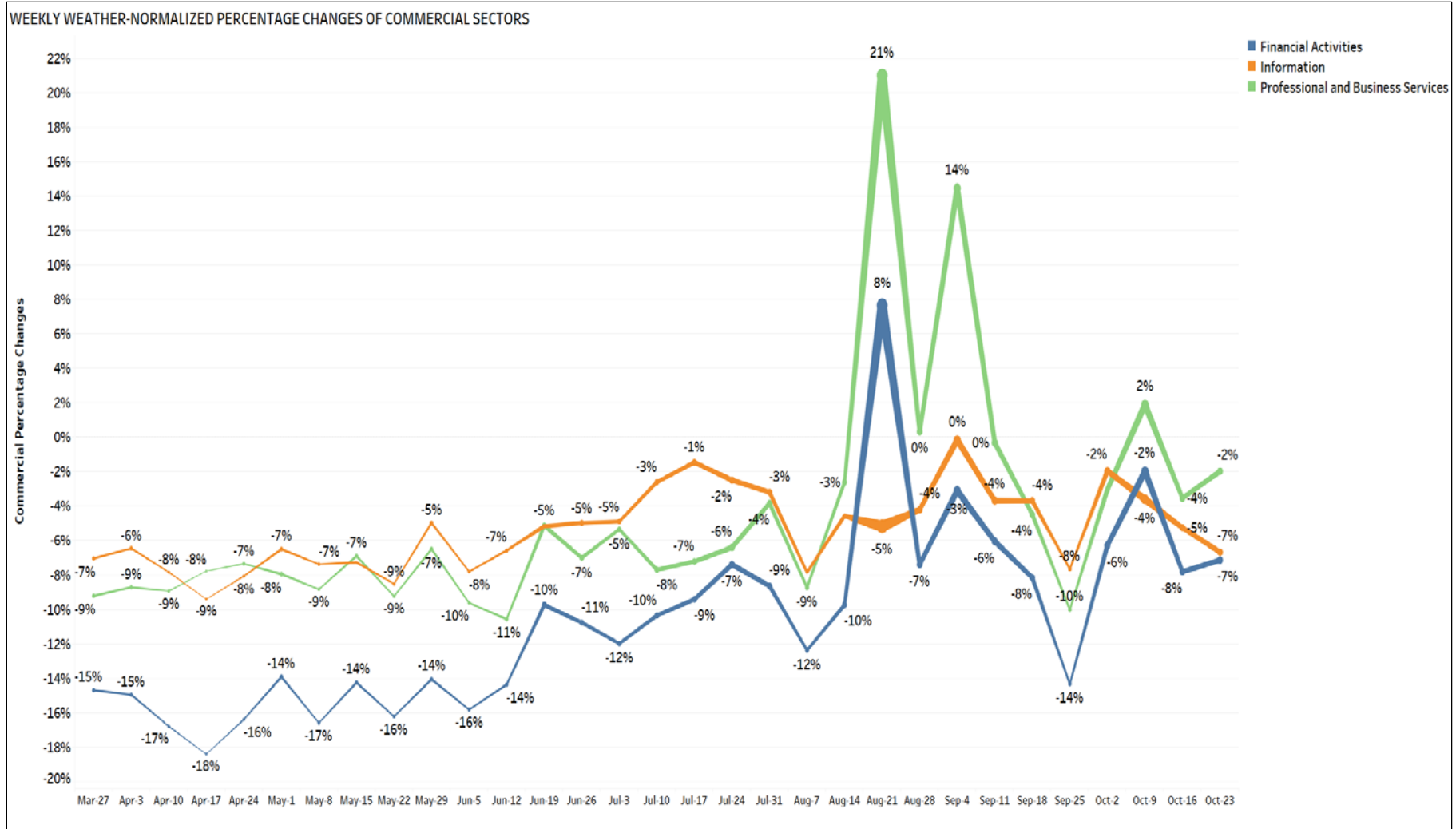
Retail & Recreation Google Mobility Percentage Changes Compared to Baseline



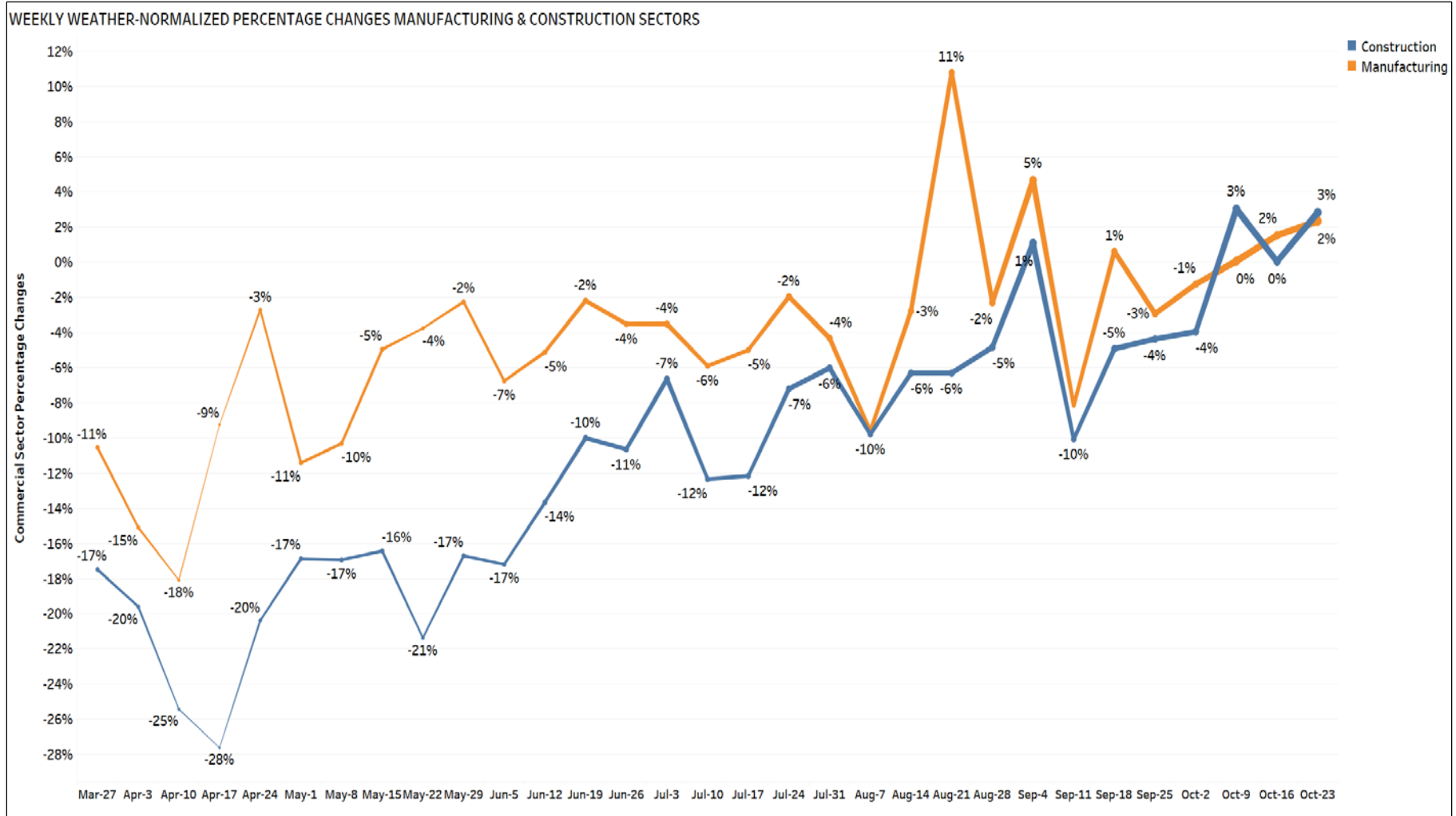
Commercial Electricity Consumption and Commercial Sectors

Weekly Weather-Normalized Changes

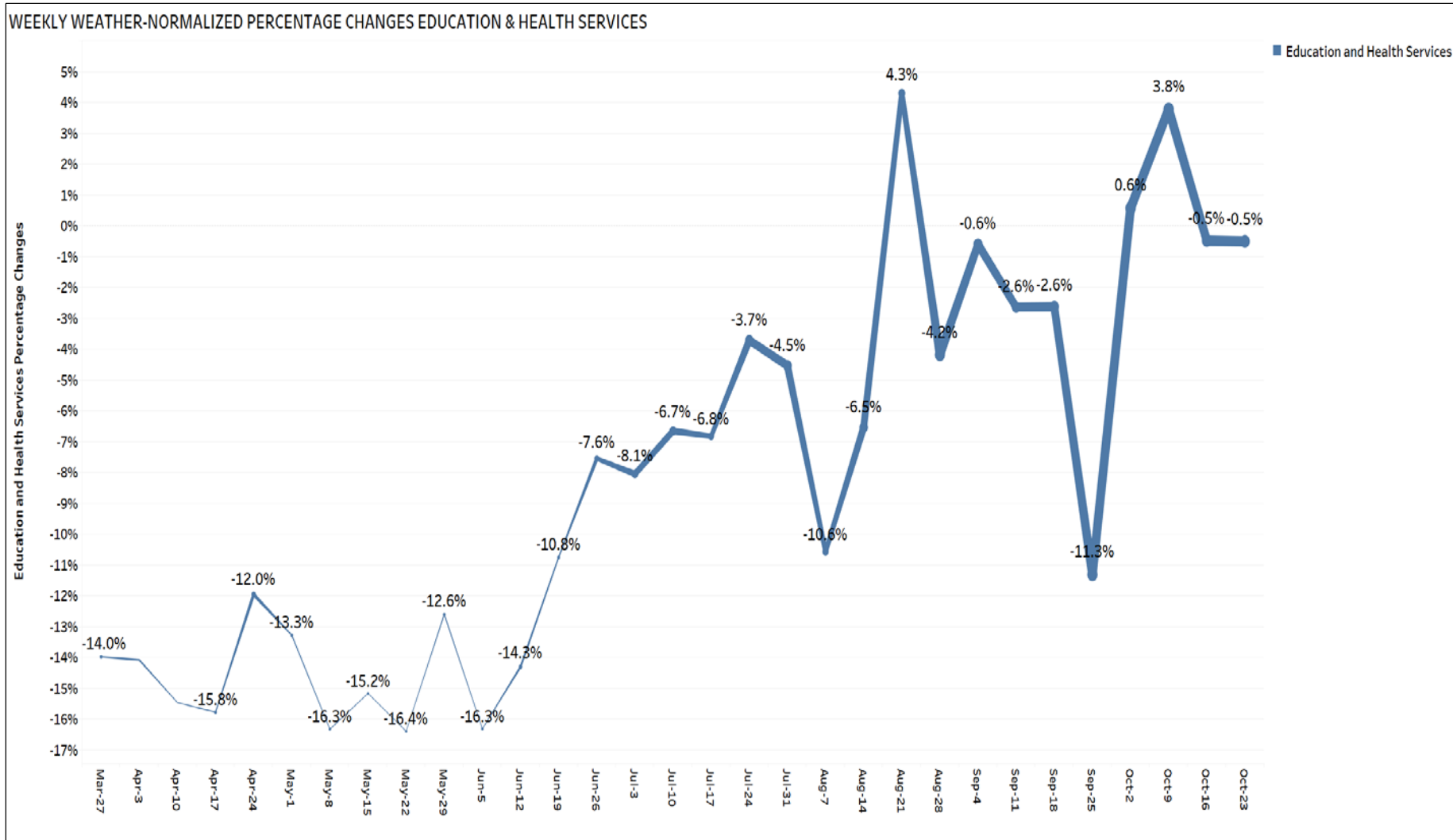
Compared to the same week of 2019



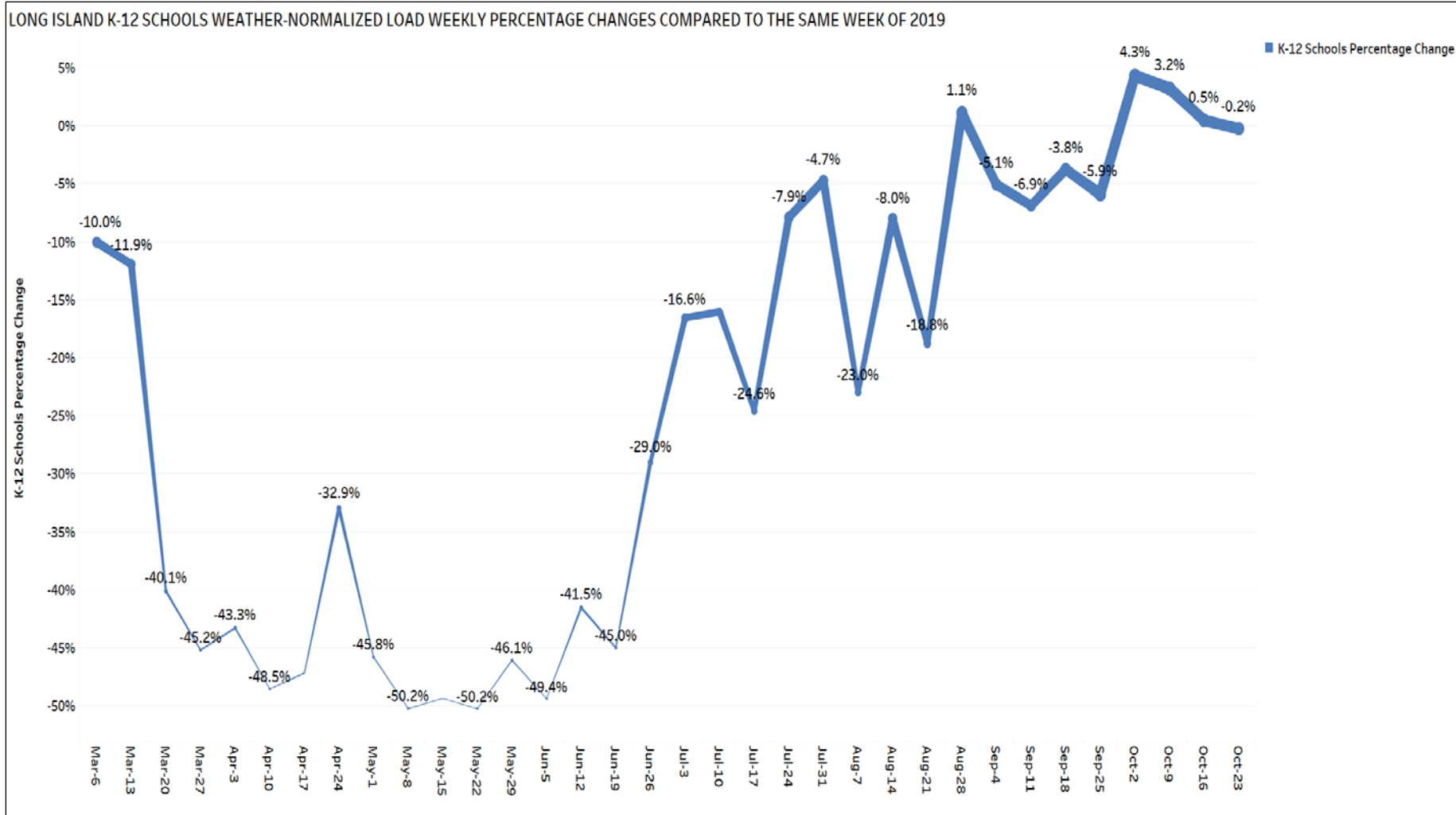
Commercial Electricity Consumption and Commercial Sectors Weekly Weather-Normalized Changes Compared to the same week of 2019



Education & Health Services Weekly Weather-Normalized Changes Compared to the same week of 2019



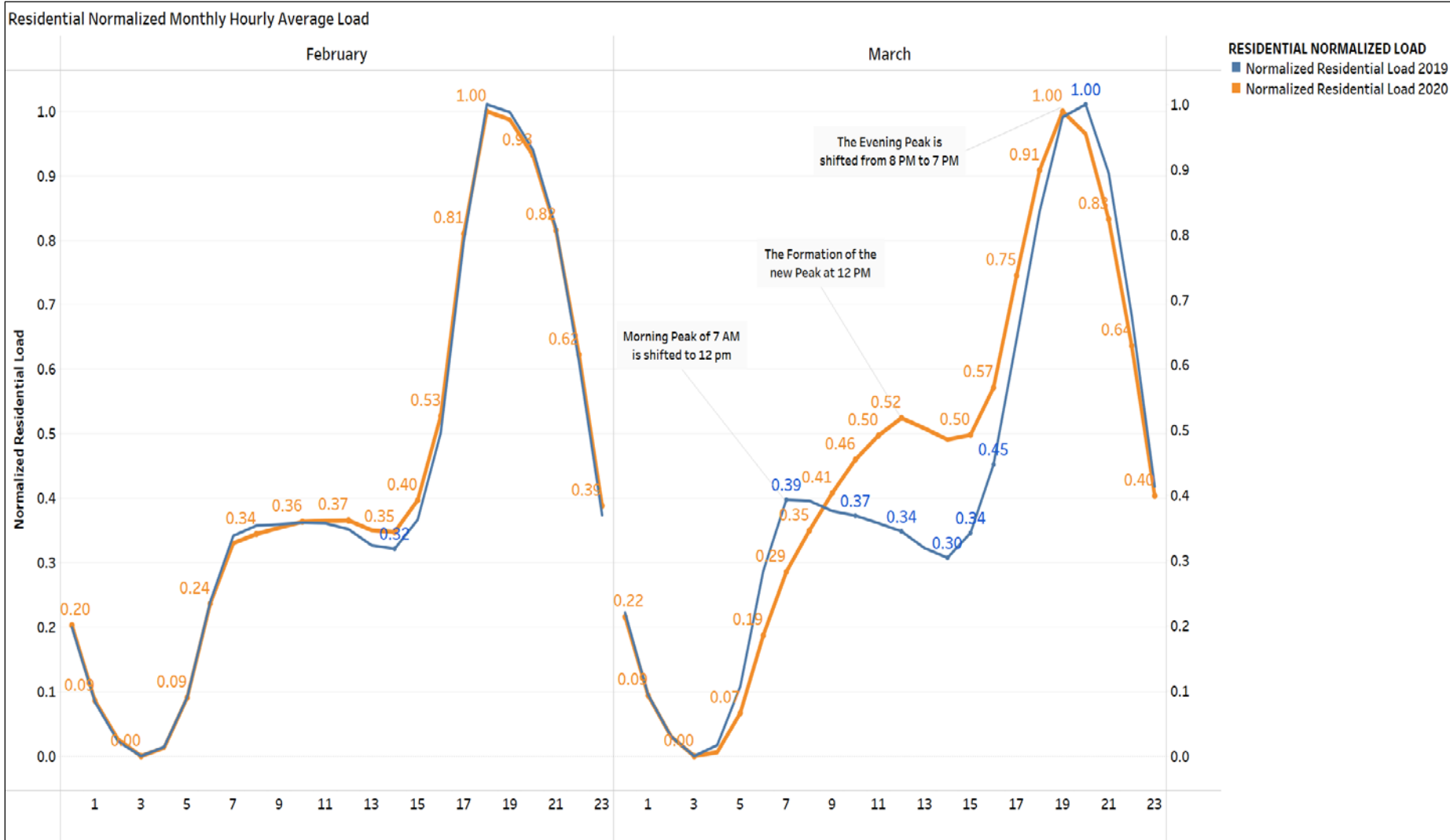
K-12 Schools Weekly Weather-Normalized Percentage Change Compared to the same week of 2019



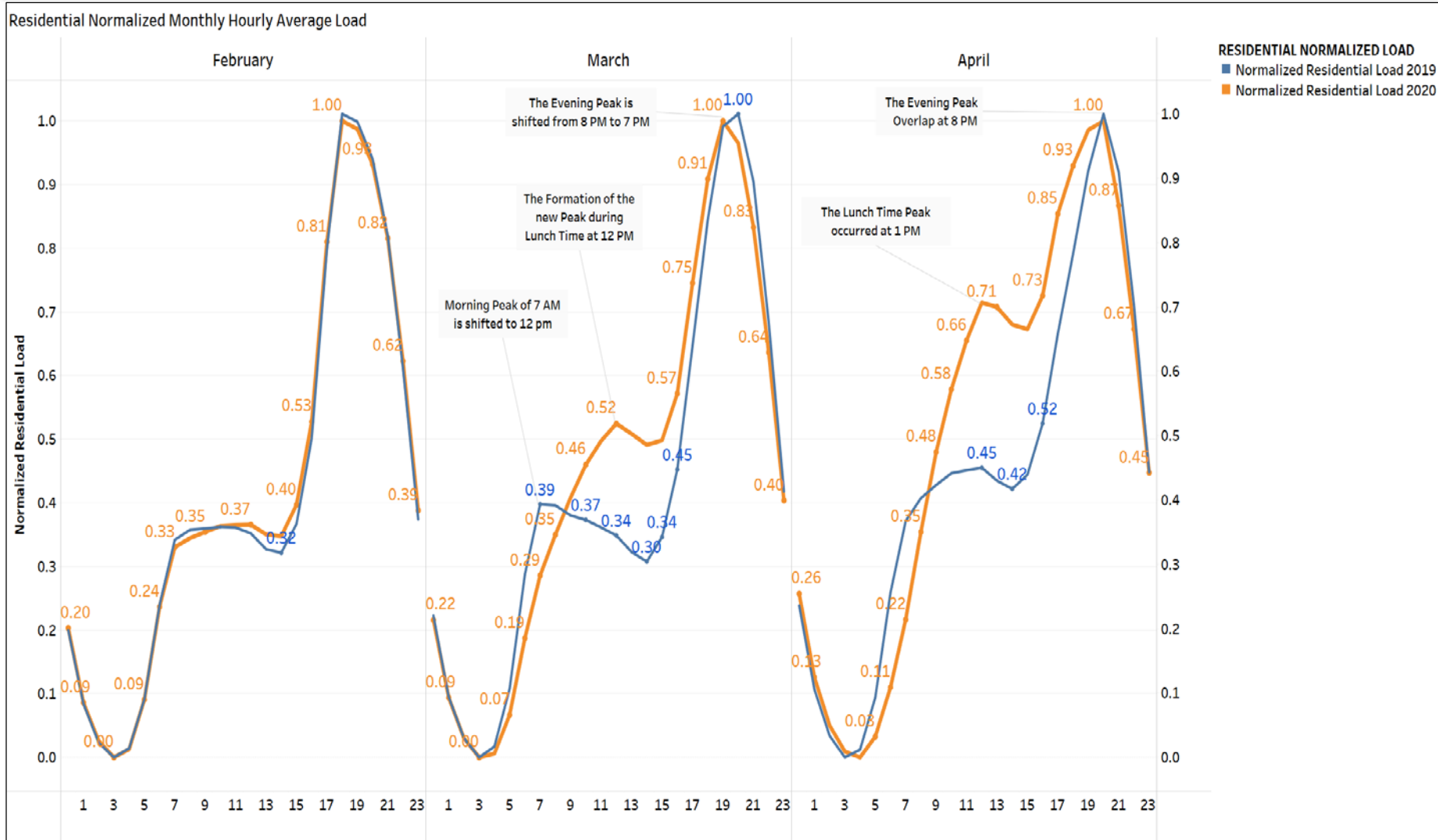
Section 2

**Residential Normalized Monthly Load Shapes
Changes Comparisons to the same Month of 2019.**

Monthly Comparisons of Hourly Residential Load

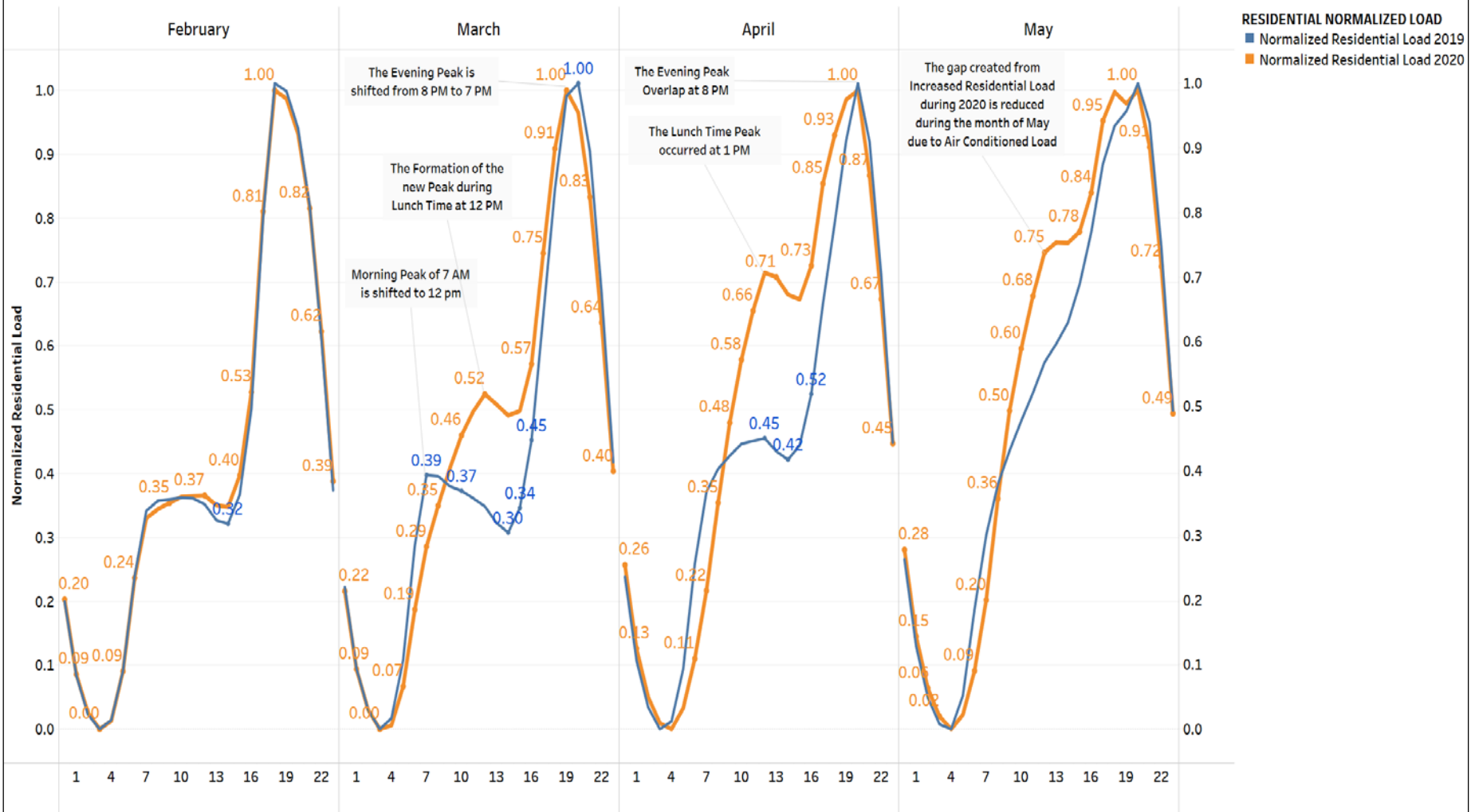


Monthly Comparisons of Hourly Residential Load

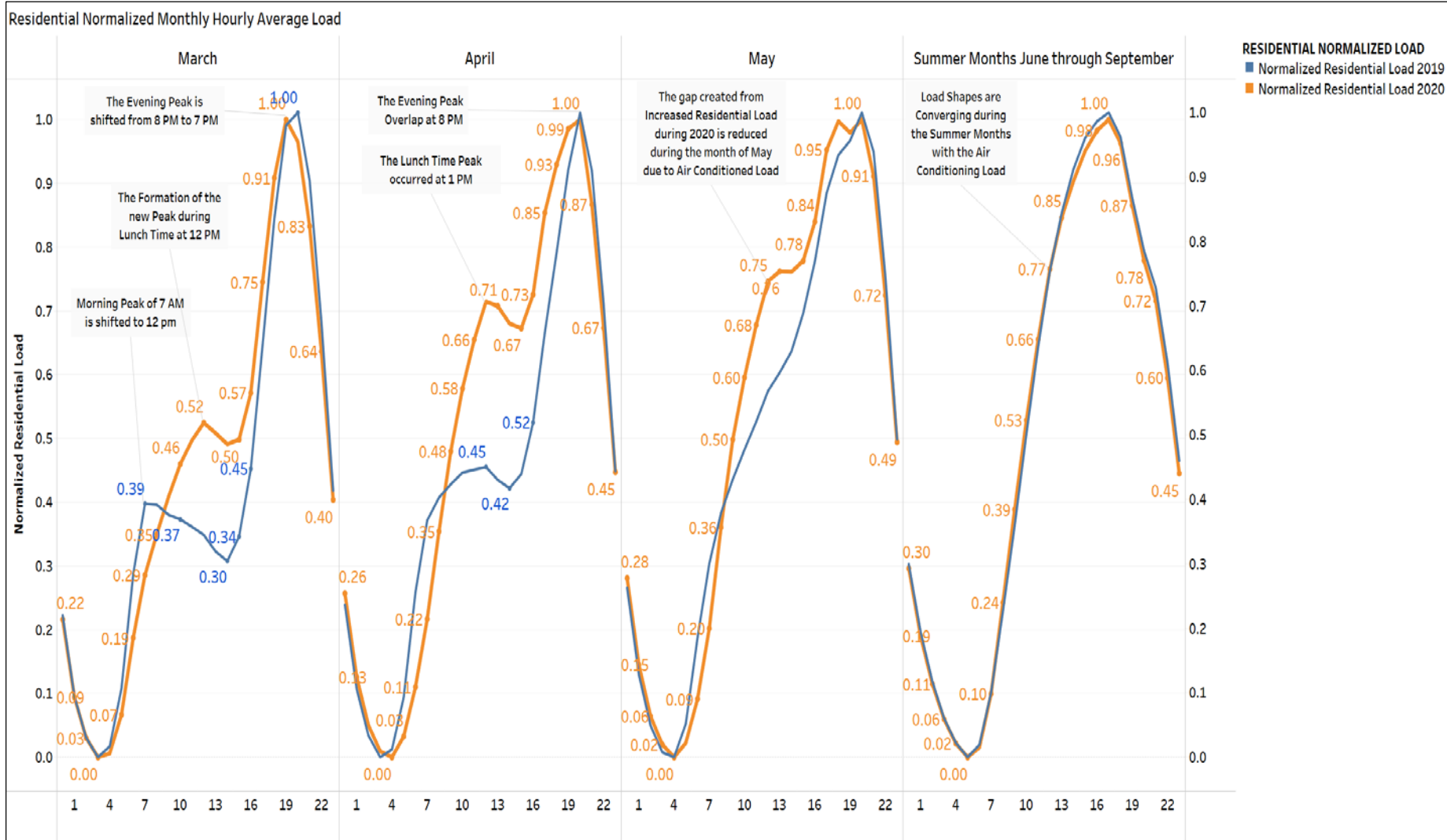


Monthly Comparisons of Hourly Residential Load

Residential Normalized Monthly Hourly Average Load



Monthly Comparisons of Hourly Residential Load



Monthly Comparisons of Hourly Residential Load

Residential Normalized Monthly Average Load

