

# New York May 16, 2020

# Mobility changes

This dataset is intended to help remediate the impact of COVID-19. It shouldn't be used for medical diagnostic, prognostic, or treatment purposes. It also isn't intended to be used for guidance on personal travel plans.

Each Community Mobility Report dataset is presented by location and highlights the percent change in visits to places like grocery stores and parks within a geographic area. How to use this report.

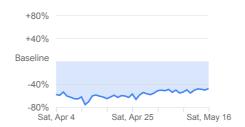
Location accuracy and the understanding of categorized places varies from region to region, so we don't recommend using this data to compare changes between countries, or between regions with different characteristics (e.g. rural versus urban areas).

We'll leave a region out of the report if we don't have statistically significant levels of data. To learn how we calculate these trends and preserve privacy, read About this data.

Retail & recreation

-47%

compared to baseline

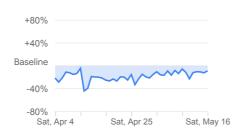


Mobility trends for places like restaurants, cafes, shopping centers, theme parks, museums, libraries, and movie theaters.

Grocery & pharmacy

-9%

compared to baseline

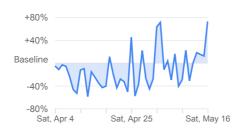


Mobility trends for places like grocery markets, food warehouses, farmers markets, specialty food shops, drug stores, and pharmacies.

**Parks** 

+73%

compared to baseline

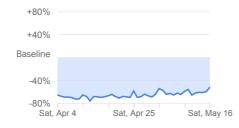


Mobility trends for places like national parks, public beaches, marinas, dog parks, plazas, and public gardens.

Transit stations

-52%

compared to baseline



Mobility trends for places like public transport hubs such as subway, bus, and train stations.

Workplaces

-33%

compared to baseline

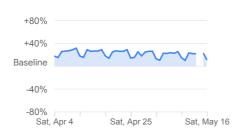


Mobility trends for places of work.

Residential

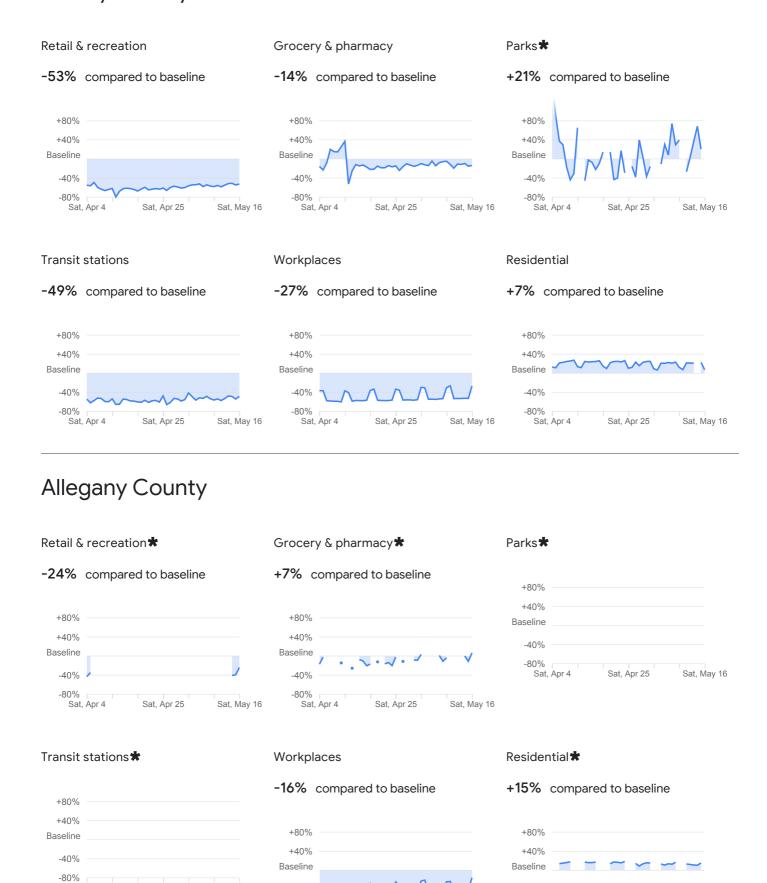
+11%

compared to baseline



Mobility trends for places of residence.

# **Albany County**



Sat. Apr 25

-40%

Sat Apr 4

Sat Apr 25

Sat. May 16

Sat, May 16

Sat, Apr 25

Sat. Apr 4

Sat, May 16

-40%

Sat Apr 4

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Bronx County**

# Retail & recreation -43% compared to baseline

+40%

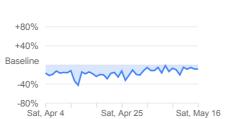
-40%

-80%

Baseline

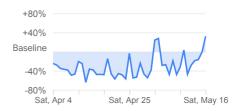


Grocery & pharmacy



#### **Parks**

+33% compared to baseline





Sat. Apr 4

-31% compared to baseline



Sat, Apr 25

Sat. May 16

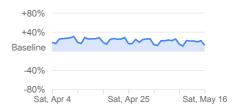
#### Workplaces

-35% compared to baseline



#### Residential

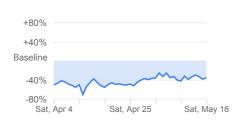
+12% compared to baseline



# **Broome County**

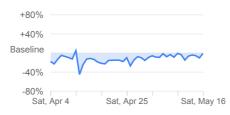
Retail & recreation

-35% compared to baseline



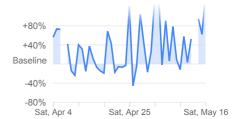
#### Grocery & pharmacy

-1% compared to baseline



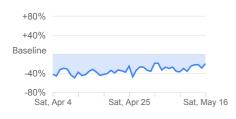
**Parks** 

+154% compared to baseline



Transit stations

-20% compared to baseline



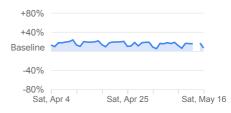
#### Workplaces

-25% compared to baseline

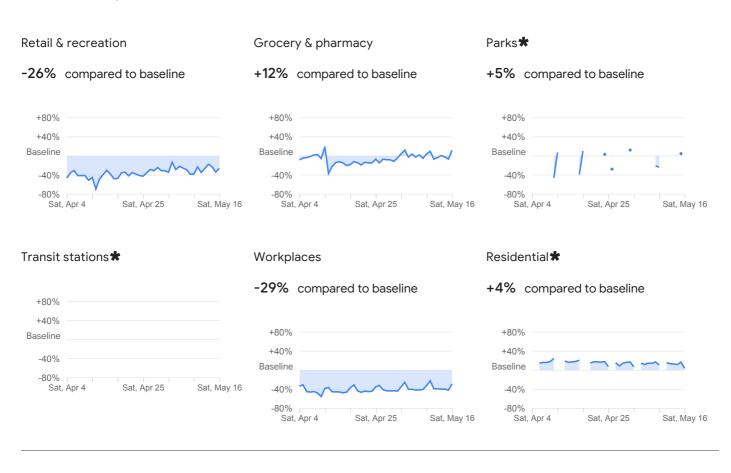


Residential

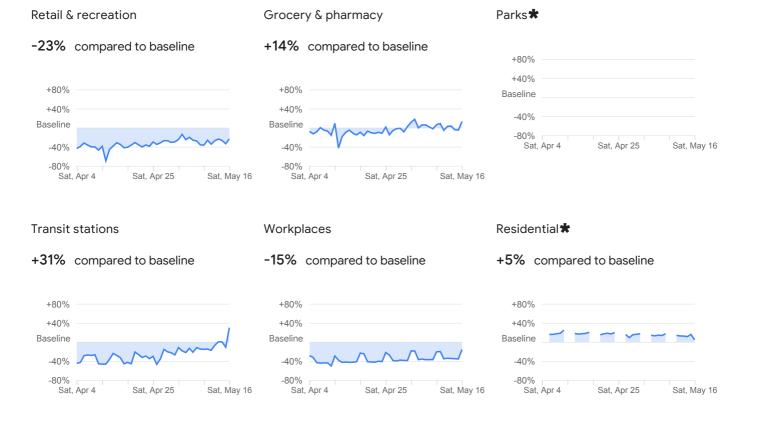
+7% compared to baseline



# Cattaraugus County



# Cayuga County



<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

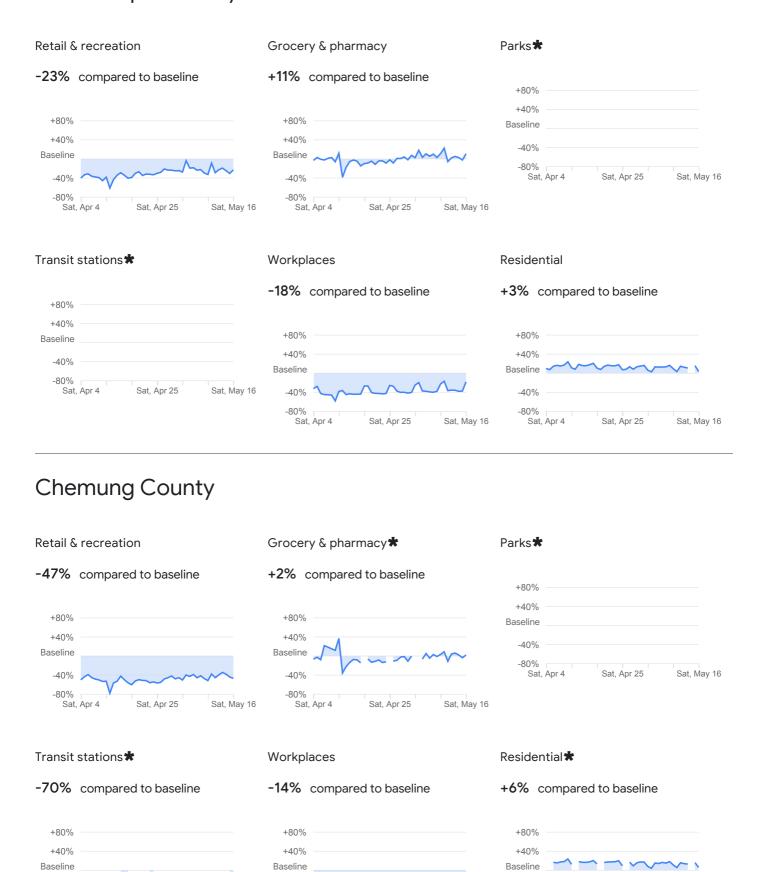
# Chautauqua County

-40%

-80%

Sat Apr 4

Sat. Apr 25



Sat. Apr 25

-40%

Sat Apr 4

Sat. May 16

Sat, May 16

Sat. Apr 25

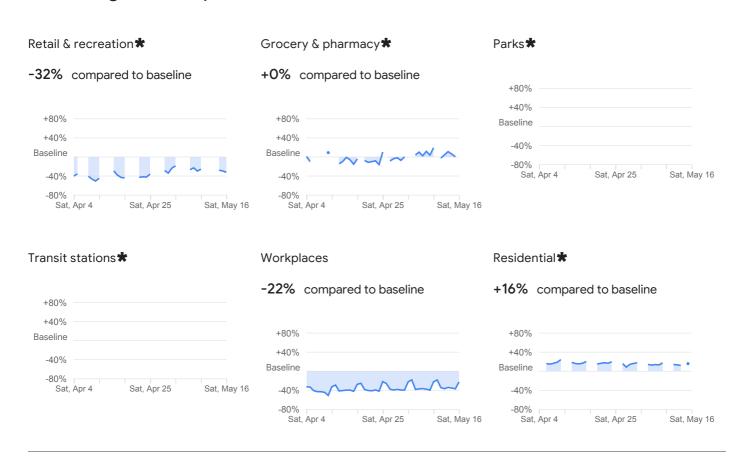
-40%

Sat. Apr 4

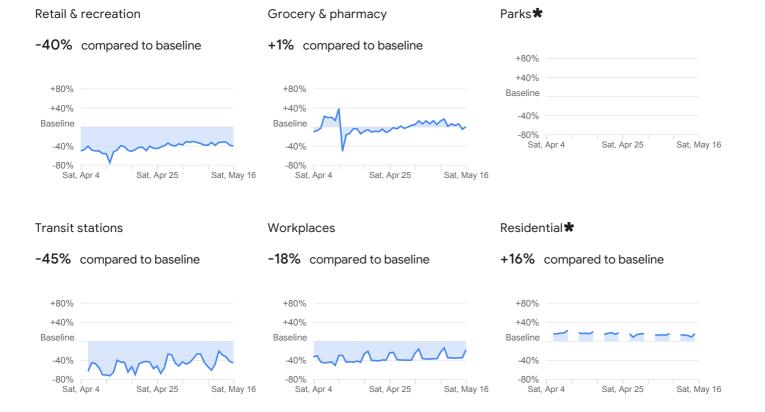
Sat. May 16

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Chenango County

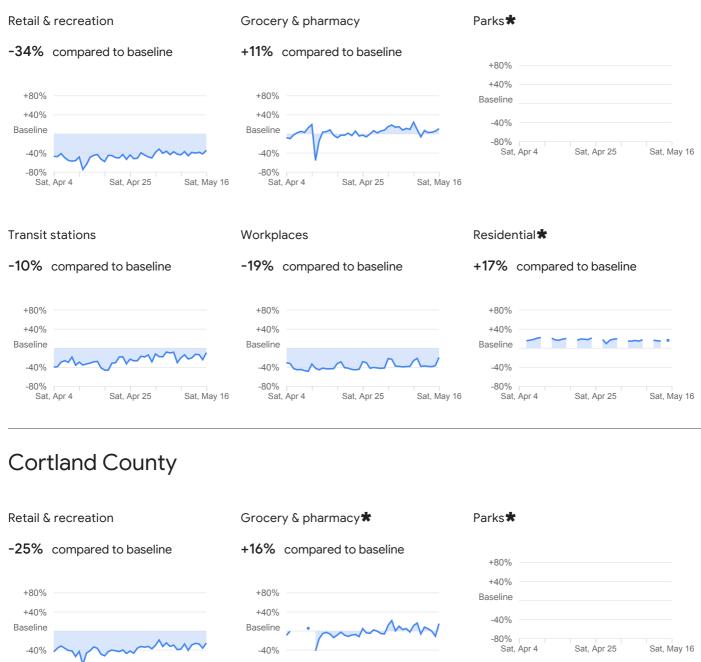


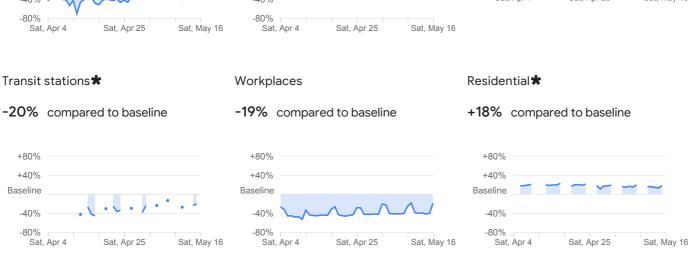
# **Clinton County**



<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

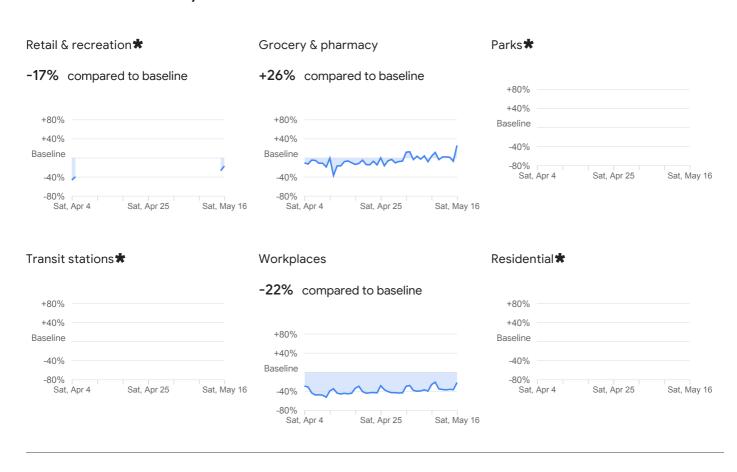
# Columbia County



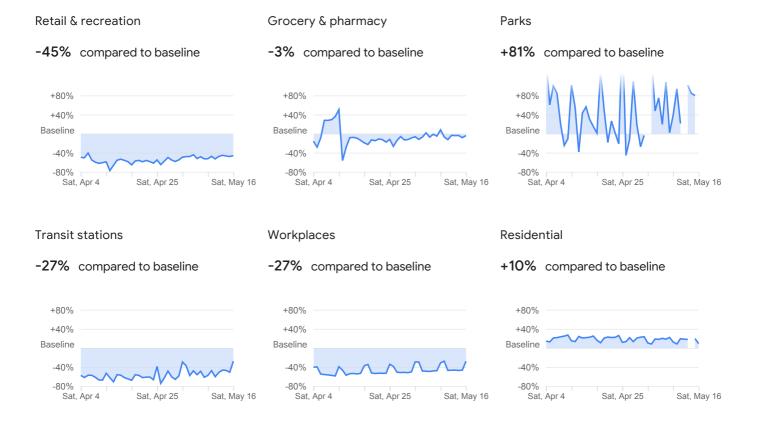


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Delaware County**

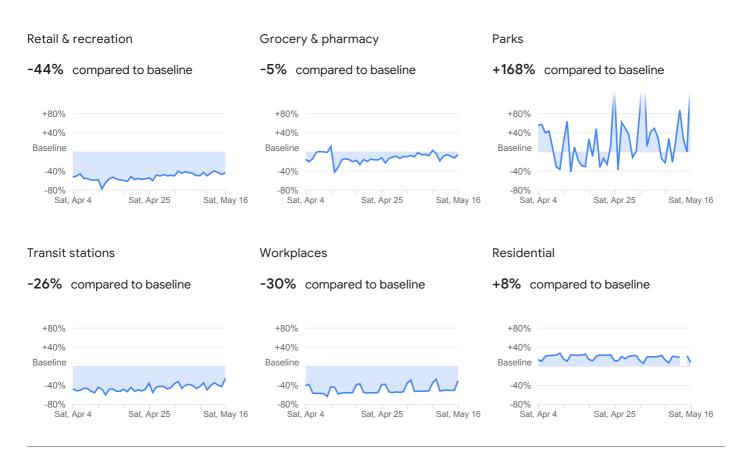


# **Dutchess County**

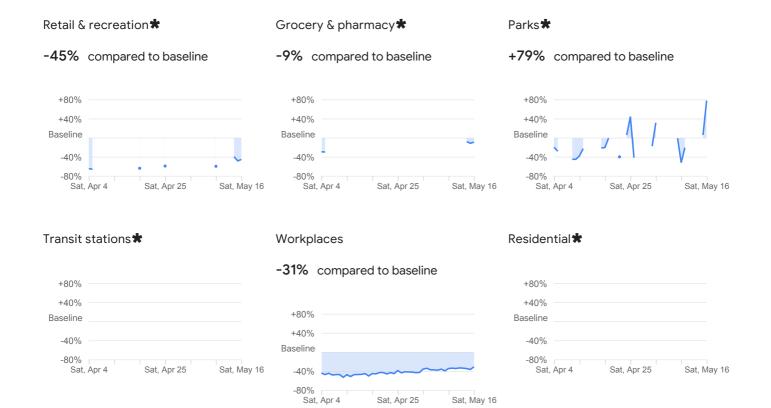


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Erie County**



# **Essex County**



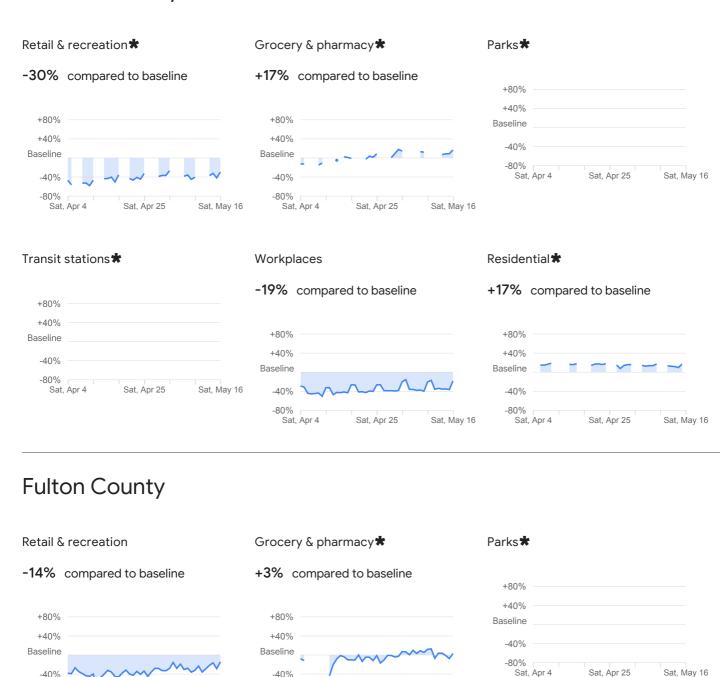
<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Franklin County

-80%

Sat. Apr 4

Sat. Apr 25





Sat, Apr 25

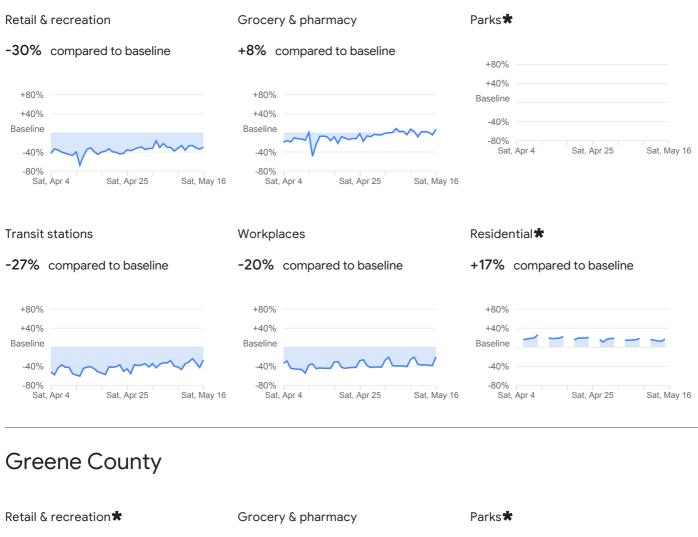
Sat, May 16

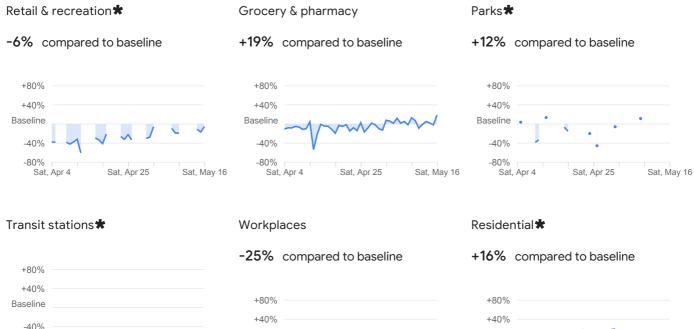
-80% Sat, Apr 4

Sat. May 16

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Genesee County





Sat, Apr 25

Baseline

Sat. May 16

-40%

Sat. Apr 4

Sat, May 16

Sat. Apr 25

Baseline

-40%

Sat Apr 4

Sat, May 16

-80%

Sat. Apr 4

Sat, Apr 25

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

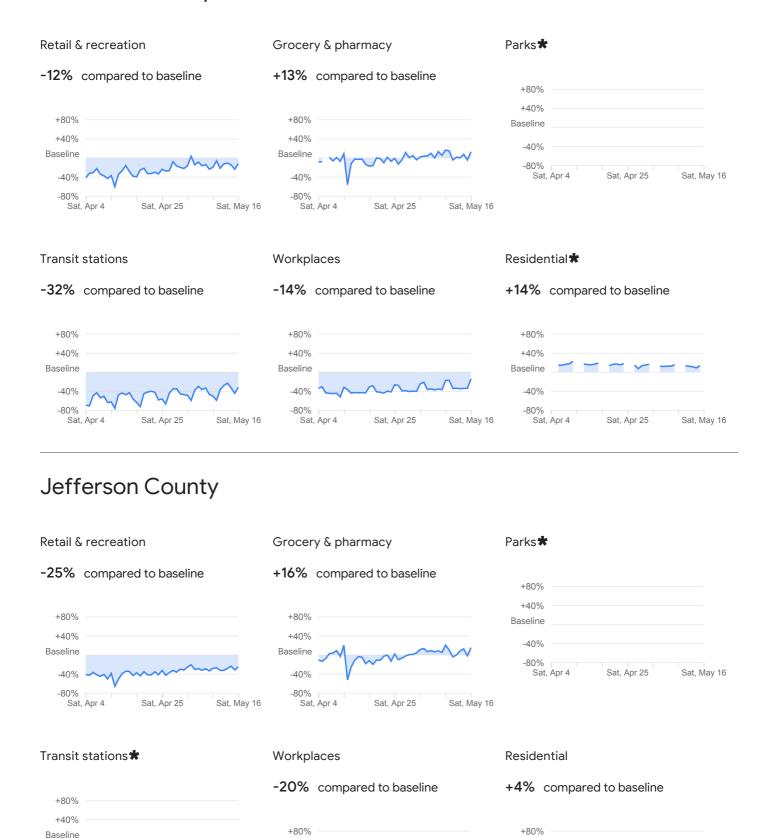
# Herkimer County

-40%

-80%

Sat. Apr 4

Sat, Apr 25



Sat. Apr 25

+40%

-40%

Sat Apr 4

Sat, Apr 25

Sat, May 16

Baseline

Sat. May 16

+40%

-40%

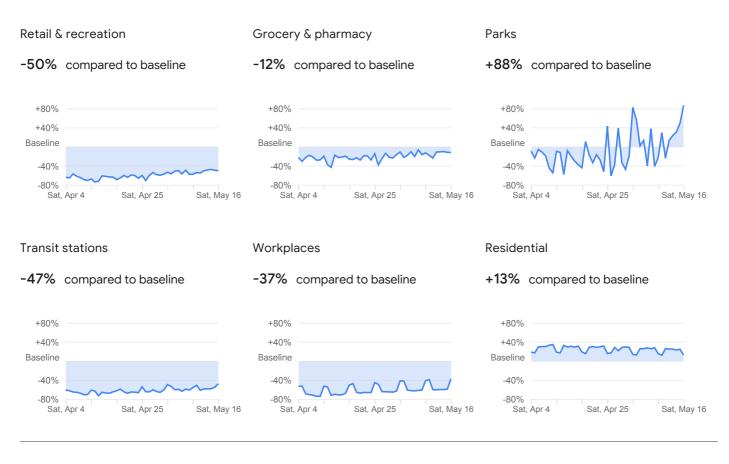
Sat Apr 4

Baseline

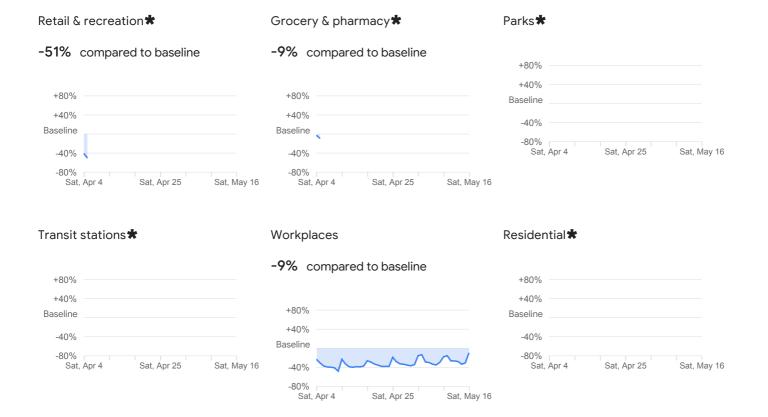
Sat, May 16

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Kings County



# **Lewis County**



<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Livingston County**

+80%

+40%

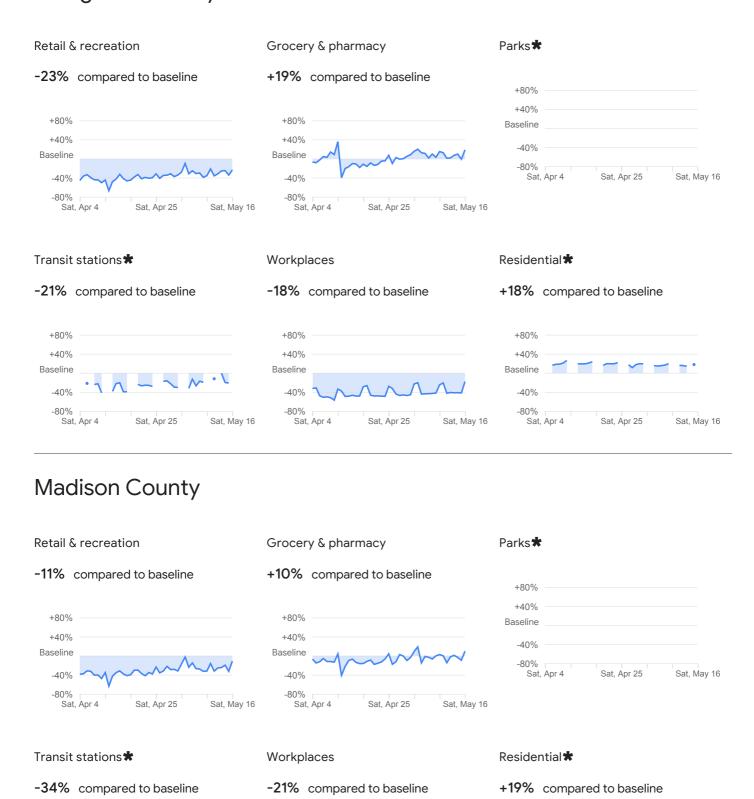
-40%

-80%

Sat Apr 4

Sat Apr 25

Baseline



Sat. Apr 25

+80%

+40% Baseline

-40%

-80%

Sat Apr 4

Sat. May 16

Sat, May 16

Sat. Apr 25

+80%

+40%

-40%

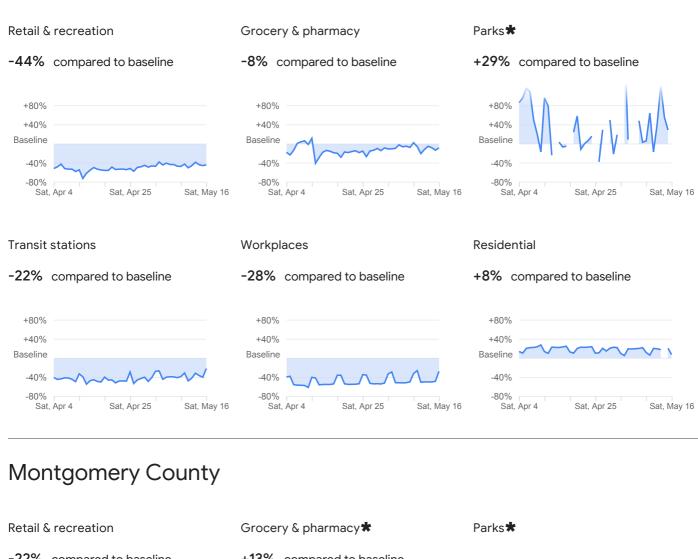
Sat Apr 4

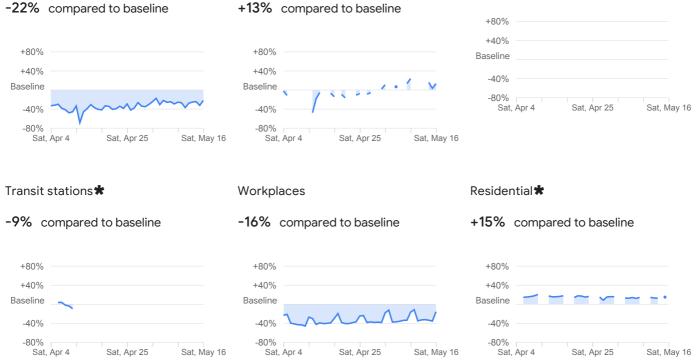
Baseline

Sat. May 16

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Monroe County





<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Nassau County

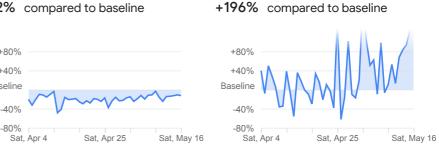
-80%

Sat. Apr 4

# Retail & recreation -51% compared to baseline -80% +40% Baseline -40% Grocery & pharmacy -12% compared to baseline +80% +40% Baseline -40%

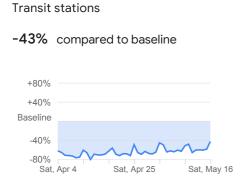
Sat. May 16

Workplaces



Residential

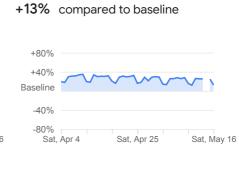
**Parks** 



Sat, Apr 25

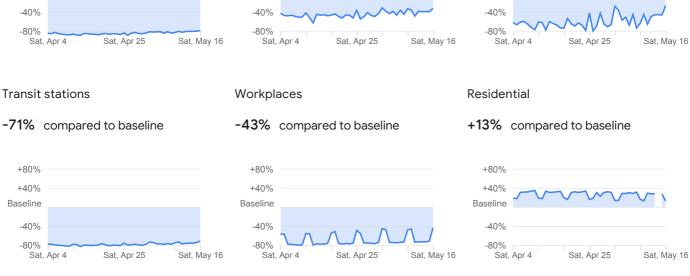


-33% compared to baseline

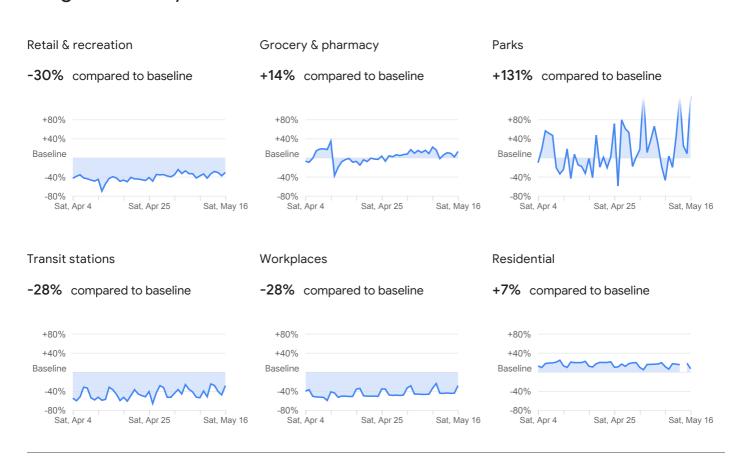


# **New York County**

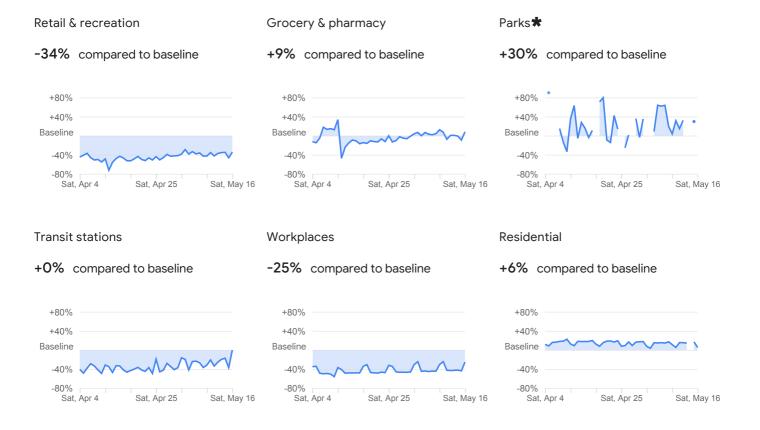




# Niagara County

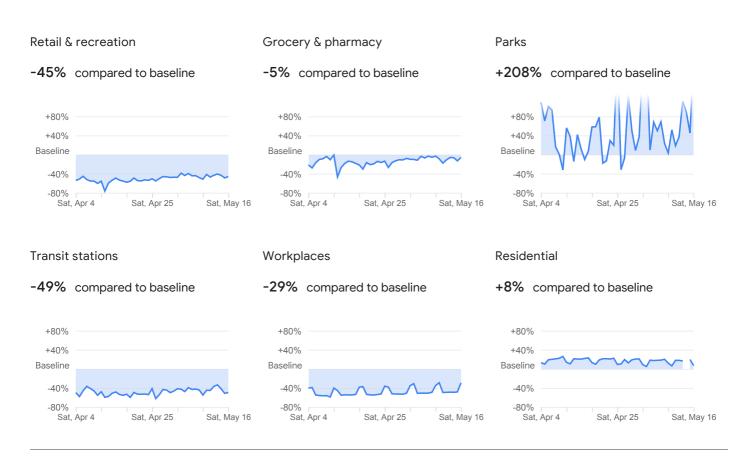


# **Oneida County**

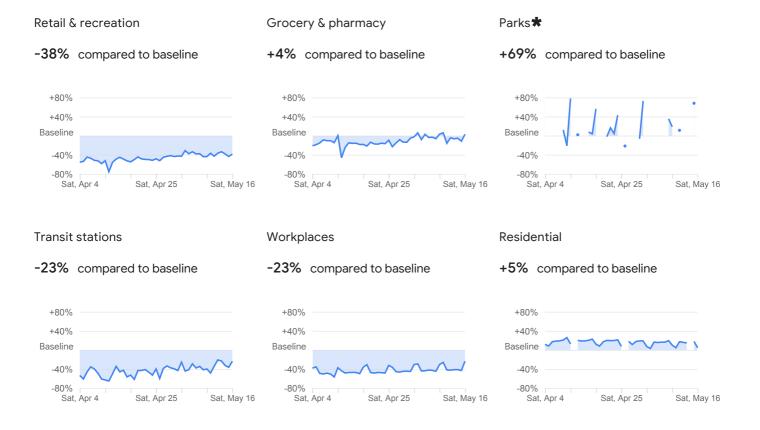


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Onondaga County

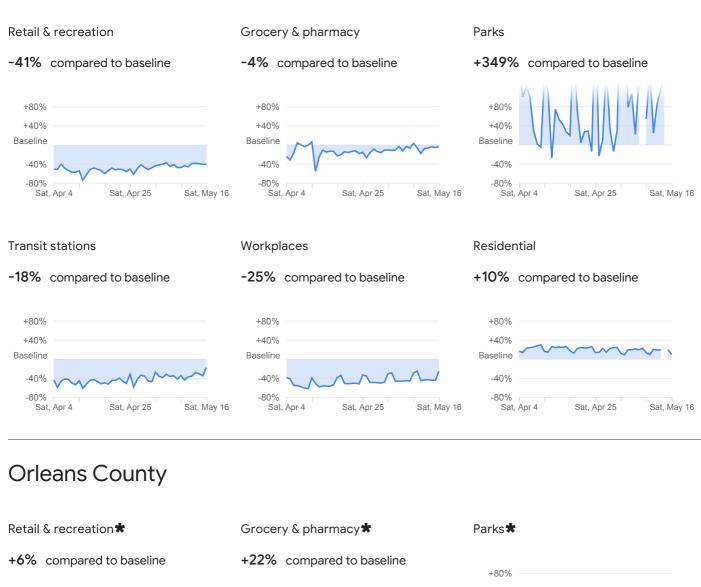


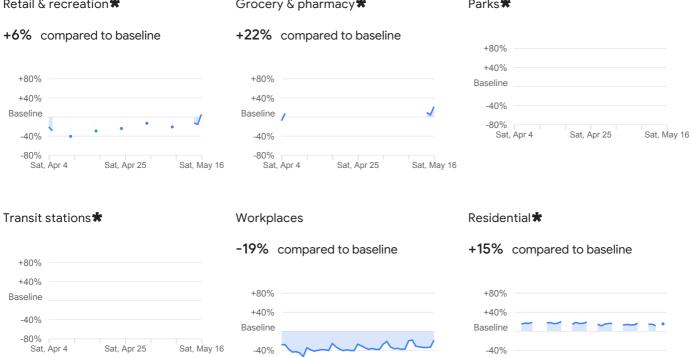
# **Ontario County**



<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Orange County**





Sat. Apr 25

Sat. May 16

Sat Apr 4

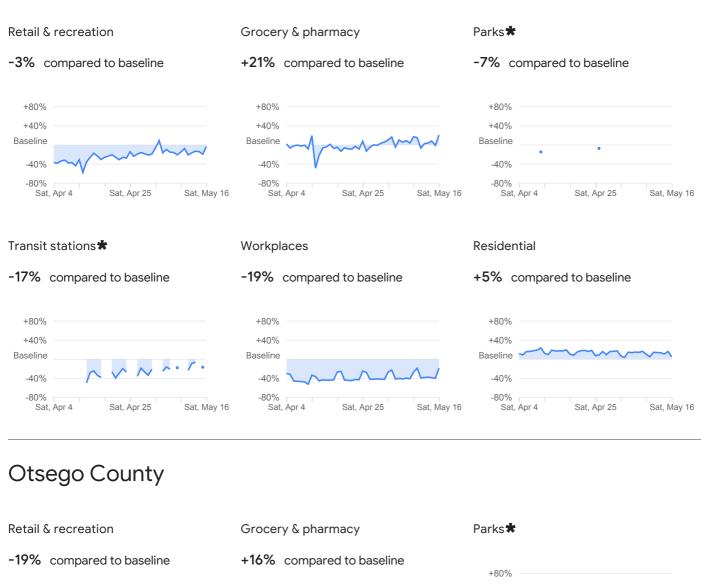
Sat Apr 4

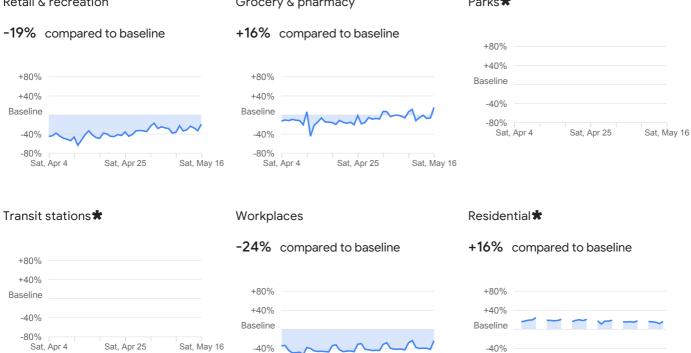
Sat, May 16

Sat. Apr 25

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Oswego County





Sat. Apr 25

Sat Apr 4

-80%

Sat Apr 4

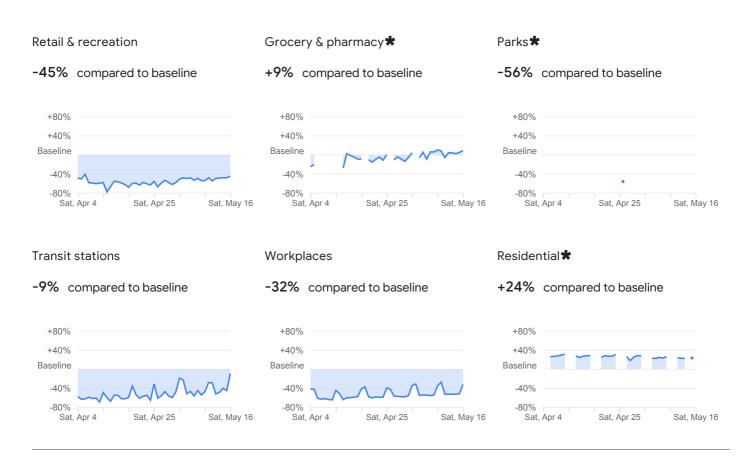
Sat Apr 25

Sat. May 16

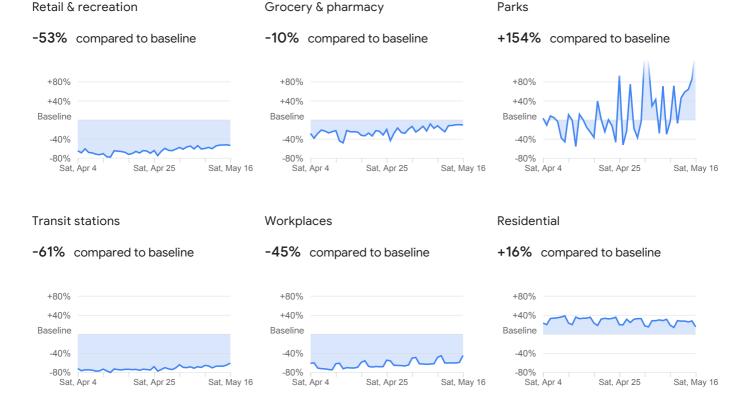
Sat, May 16

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Putnam County**



# **Queens County**



<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Rensselaer County

# Retail & recreation -26% compared to baseline +80% +40%

# Grocery & pharmacy

### -25% compared to baseline



#### Parks

#### +35% compared to baseline



#### Transit stations

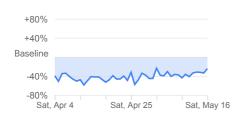
Sat. Apr 4

Baseline

-40%

-80%

-24% compared to baseline



Sat, Apr 25

#### Workplaces

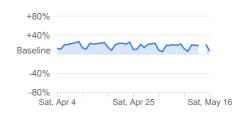
Sat. May 16

-24% compared to baseline



#### Residential

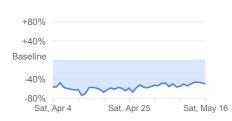
#### +6% compared to baseline



# **Richmond County**

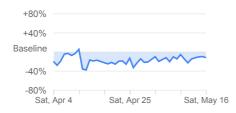
Retail & recreation

-50% compared to baseline



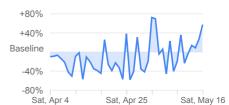
#### Grocery & pharmacy

-12% compared to baseline



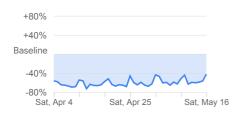
**Parks** 

+58% compared to baseline



#### Transit stations

-42% compared to baseline



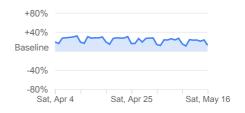
#### Workplaces

-31% compared to baseline



#### Residential

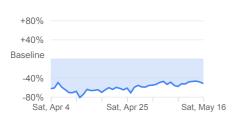
+12% compared to baseline



# **Rockland County**

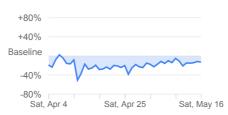
#### Retail & recreation

#### -52% compared to baseline



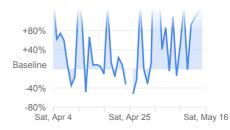
#### Grocery & pharmacy

#### -13% compared to baseline



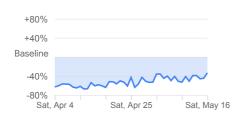
#### Parks

#### +133% compared to baseline



#### Transit stations

#### -33% compared to baseline



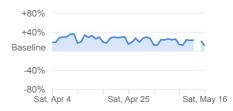
#### Workplaces

#### -32% compared to baseline



#### Residential

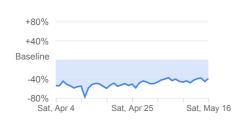
#### +11% compared to baseline



# Saratoga County

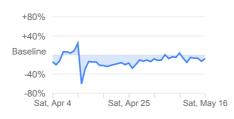
Retail & recreation

#### -39% compared to baseline



Grocery & pharmacy

#### -8% compared to baseline



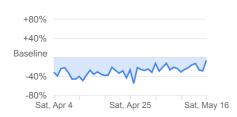
**Parks** 

#### +190% compared to baseline



#### Transit stations

#### -7% compared to baseline



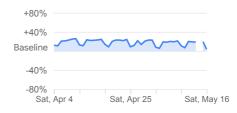
#### Workplaces

#### -27% compared to baseline

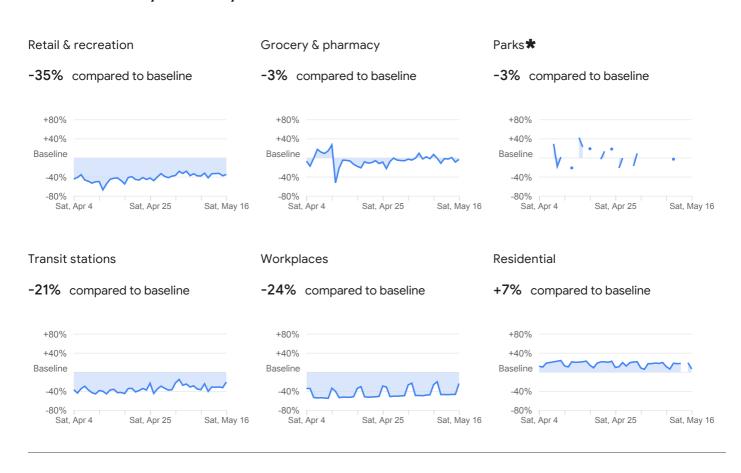


#### Residential

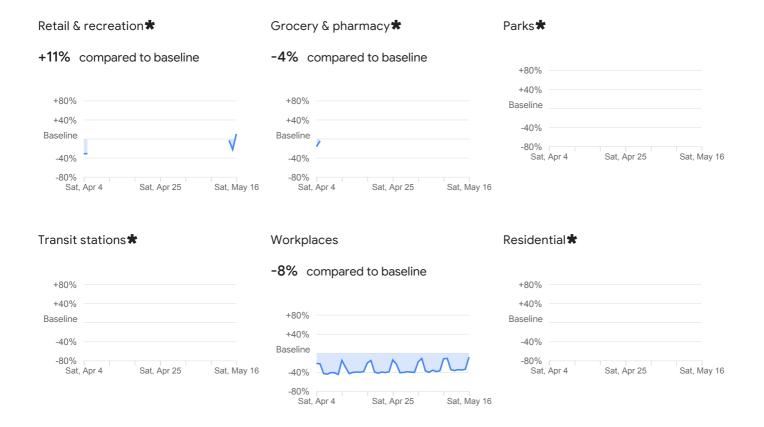
#### +4% compared to baseline



# Schenectady County



# Schoharie County



<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Schuyler County**

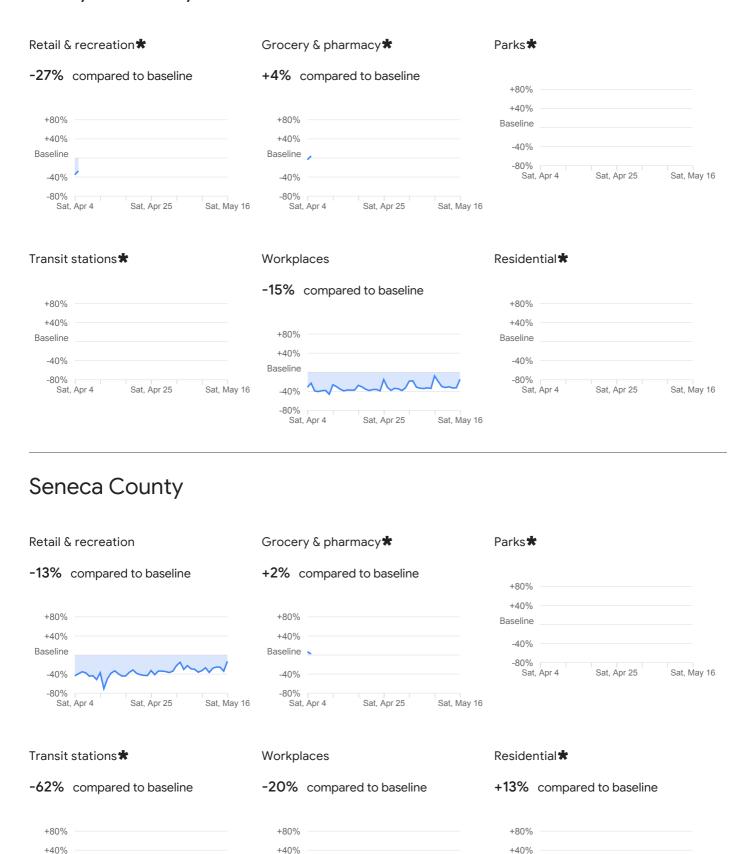
Baseline

-40%

-80%

Sat Apr 4

Sat, Apr 25



Sat. Apr 25

Baseline

Sat. May 16

-40%

Sat. Apr 4

Sat, Apr 25

Sat, May 16

Baseline

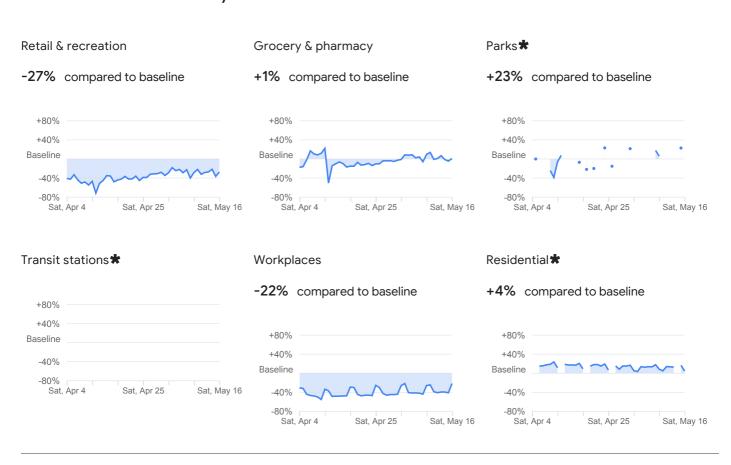
Sat, May 16

-40%

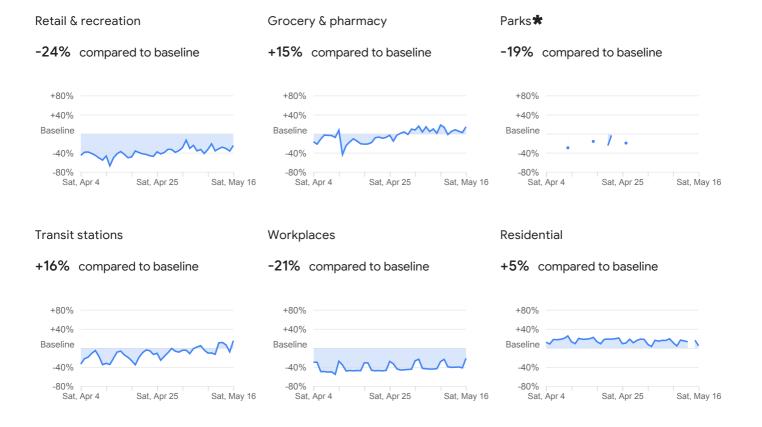
Sat. Apr 4

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# St. Lawrence County

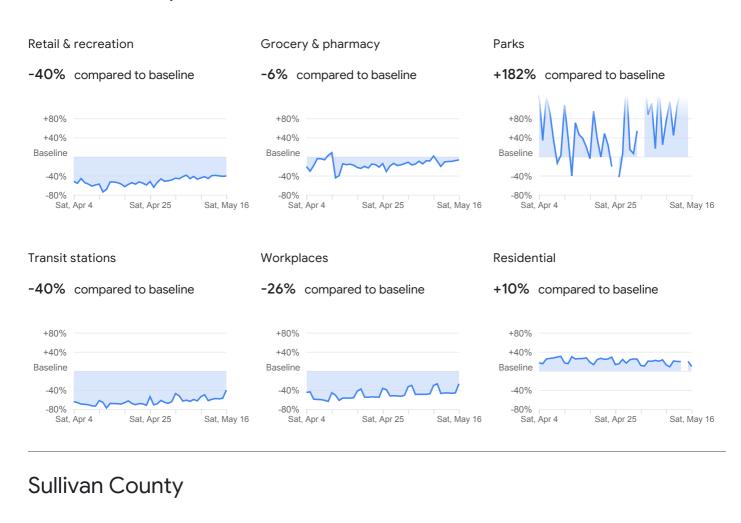


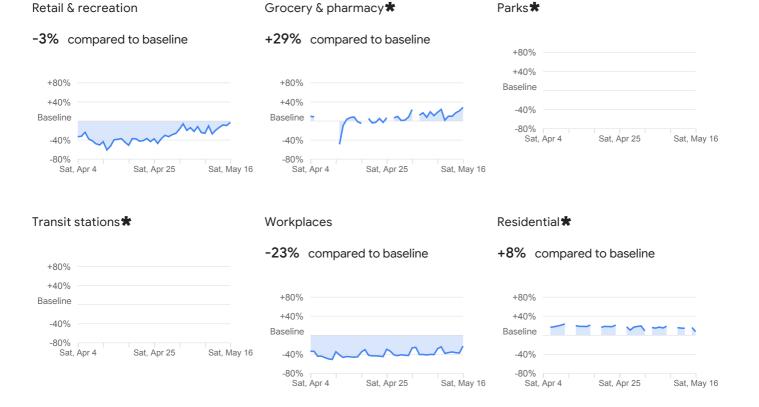
# Steuben County



<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

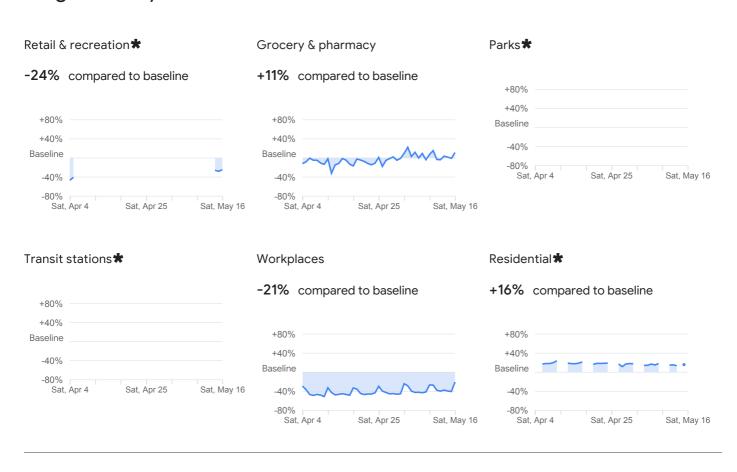
# Suffolk County



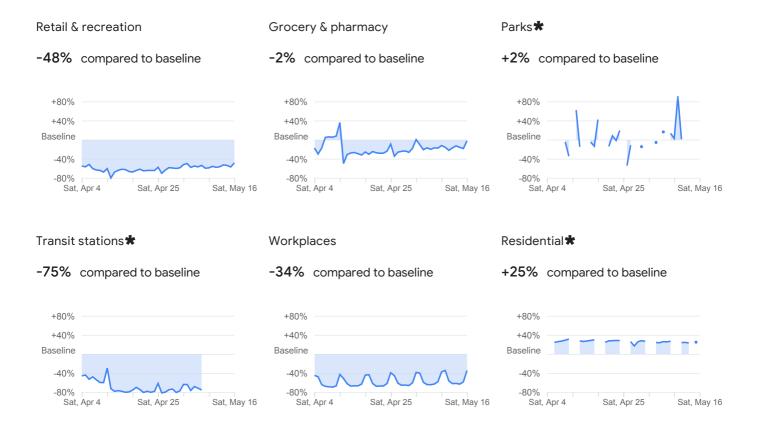


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Tioga County**

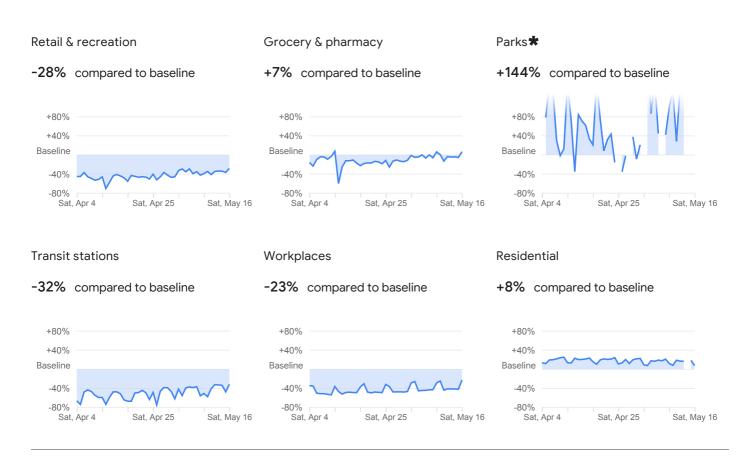


# **Tompkins County**

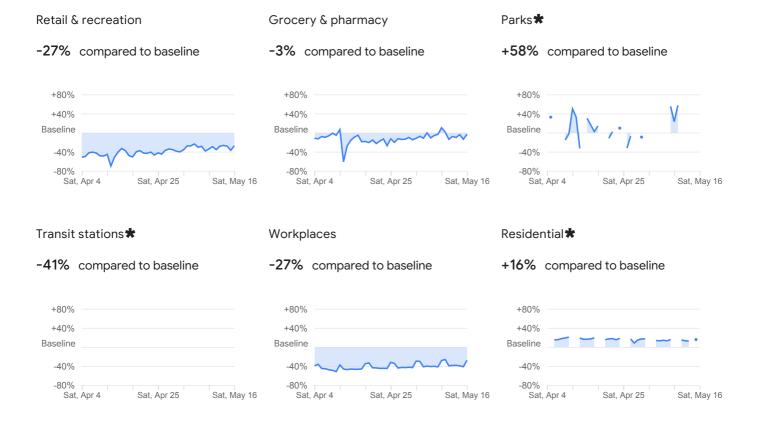


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Ulster County**



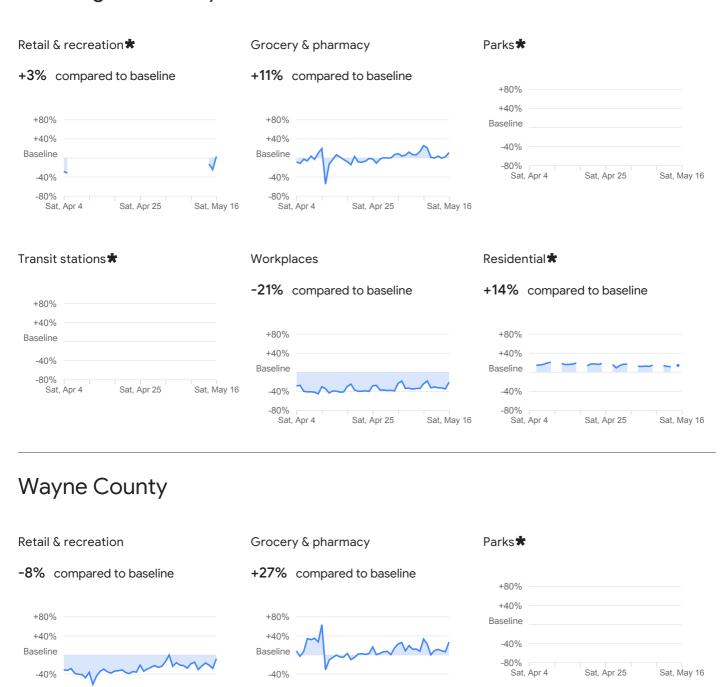
# Warren County

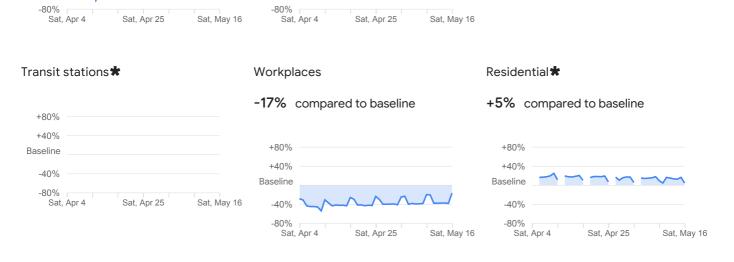


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Washington County

-80%





<sup>\*</sup> Not enough data for this date: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

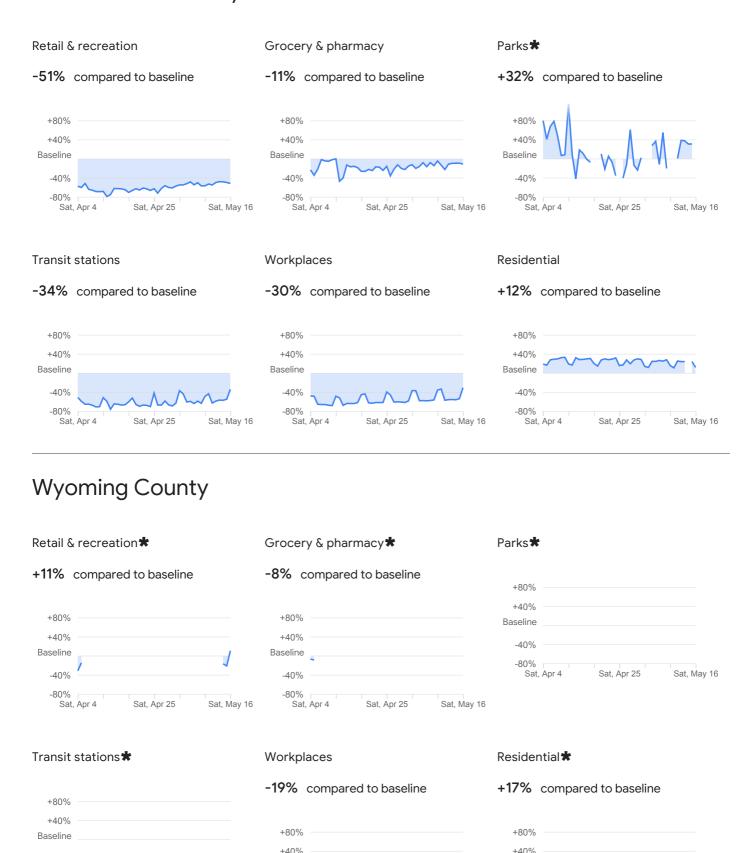
# Westchester County

-40%

-80%

Sat. Apr 4

Sat, Apr 25



Sat, Apr 25

Baseline

Sat. May 16

-40% -80%

Sat Apr 4

Sat Apr 25

Sat, May 16

Baseline

-40%

Sat Apr 4

Sat, May 16

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# Yates County

#### Retail & recreation\*

#### -17% compared to baseline



#### Grocery & pharmacy★

#### +12% compared to baseline



#### Parks\*



#### Transit stations\*



#### Workplaces

#### -11% compared to baseline



#### Residential\*



#### About this data

These reports show how visits and length of stay at different places change compared to a baseline. We calculate these changes using the same kind of aggregated and anonymized data used to show popular times for places in Google Maps.

Changes for each day are compared to a baseline value for that day of the week:

- The baseline is the *median* value, for the corresponding day of the week, during the 5-week period Jan 3-Feb 6, 2020.
- The reports show trends over several weeks with the most recent data representing approximately 2-3 days ago—this is how long it takes to produce the reports.

What data is included in the calculation depends on user settings, connectivity, and whether it meets our privacy threshold. If the privacy threshold isn't met (when somewhere isn't busy enough to ensure anonymity) we don't show a change for the day.

We include categories that are useful to social distancing efforts as well as access to essential services.

We calculate these insights based on data from users who have opted-in to Location History for their Google Account, so the data represents a sample of our users. As with all samples, this may or may not represent the exact behavior of a wider population.

# Preserving privacy

These reports were developed to be helpful while adhering to our stringent privacy protocols and protecting people's privacy. No personally identifiable information, like an individual's location, contacts or movement, is made available at any point.

Insights in these reports are created with aggregated, anonymized sets of data from users who have turned on the Location History setting, which is off by default. People who have Location History turned on can choose to turn it off at any time from their Google Account and can always delete Location History data directly from their Timeline.

These reports are powered by the same world-class anonymization technology that we use in our products every day and that keep your activity data private and secure. These reports use differential privacy, which adds artificial noise to our datasets enabling high quality results without identifying any individual person. These privacy-preserving protections also ensure that the absolute number of visits isn't shared.

## Further resources

To learn how you can best use this report in your work, visit Mobility Reports Help.

To get the latest report, visit google.com/covid19/mobility