

# California 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

compared to baseline



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

Grocery & pharmacy

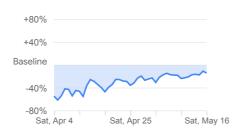
compared to baseline



Baseline -40% -80% Sat, Apr 4 Sat, Apr 25 Sat, May 16 Mobility trends for places like grocery markets, food warehouses, farmers markets, specialty food shops, drug stores, and pharmacies.

**Parks** 

compared to baseline

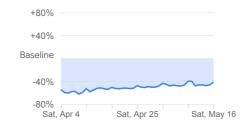


Mobility trends for places like national parks, public beaches, marinas, dog parks, plazas, and public gardens.

Transit stations

-41%

compared to baseline



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

Workplaces

-27%

compared to baseline

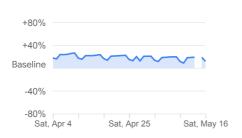


Mobility trends for places of work.

Residential

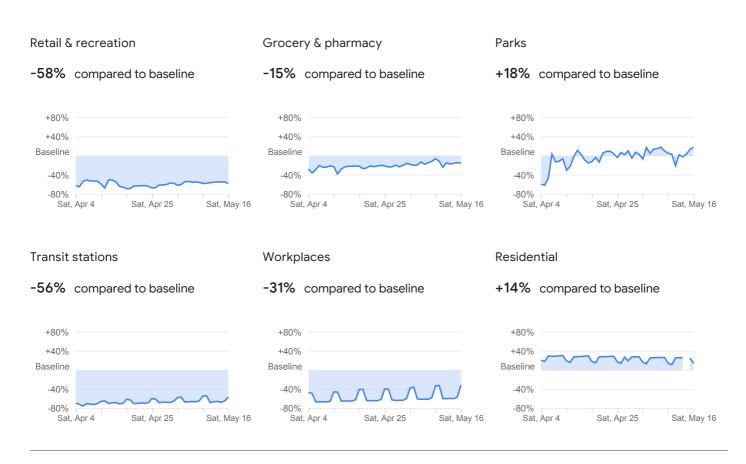
+12%

compared to baseline

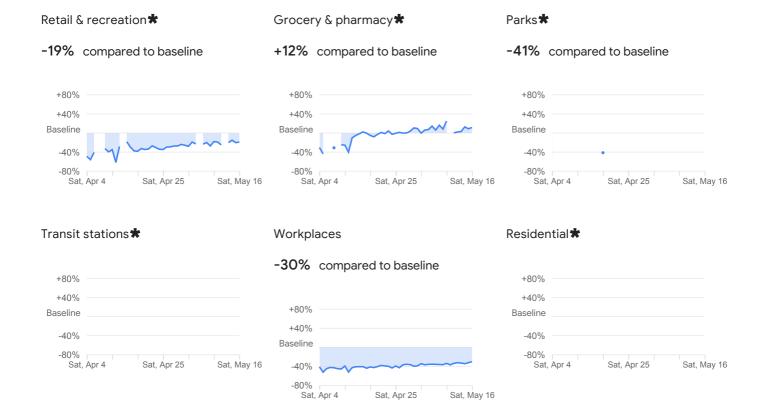


Mobility trends for places of residence.

## Alameda County

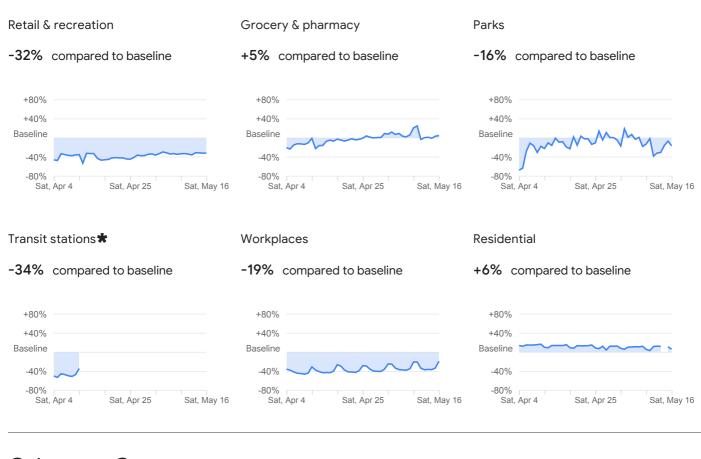


## **Amador County**

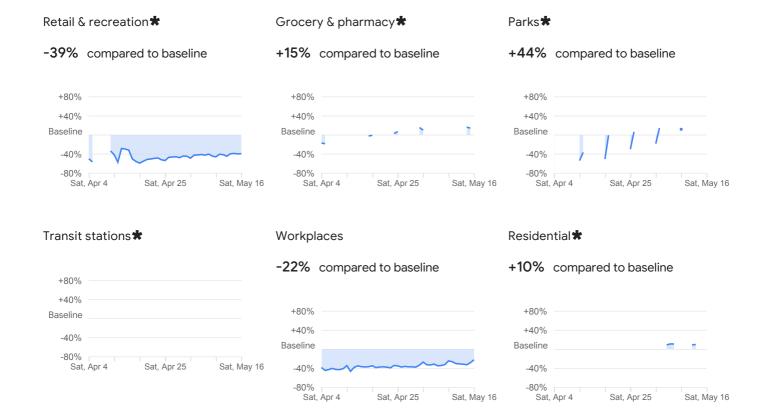


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

#### **Butte County**

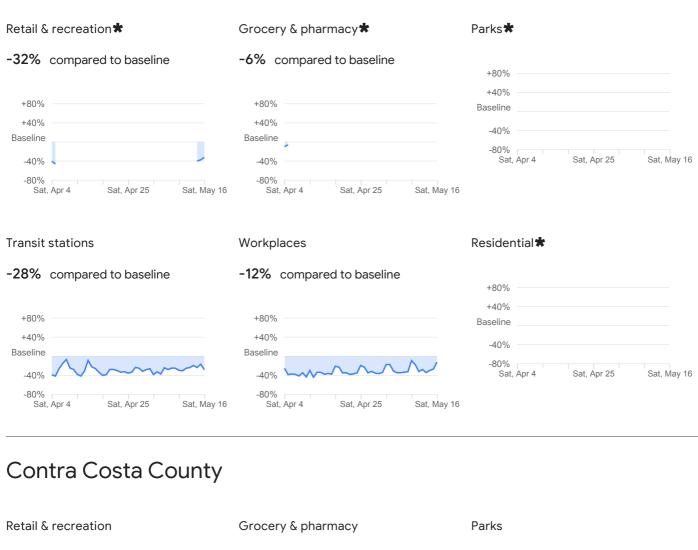


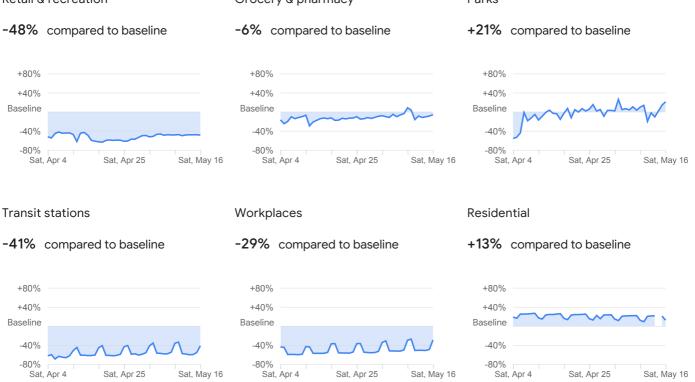
#### Calaveras County



<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.

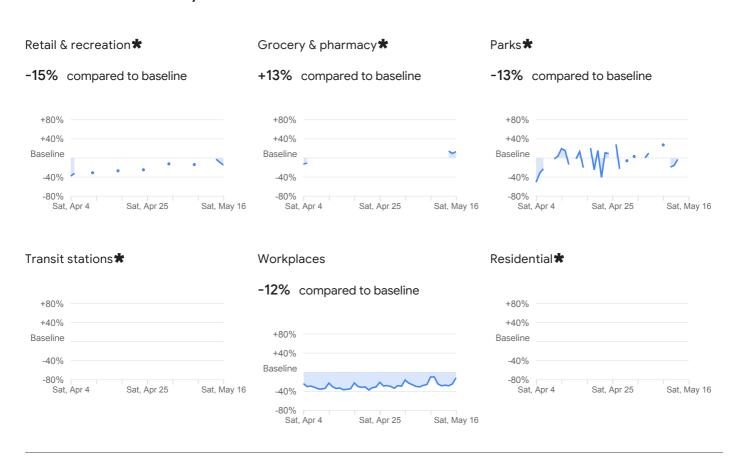
## Colusa County



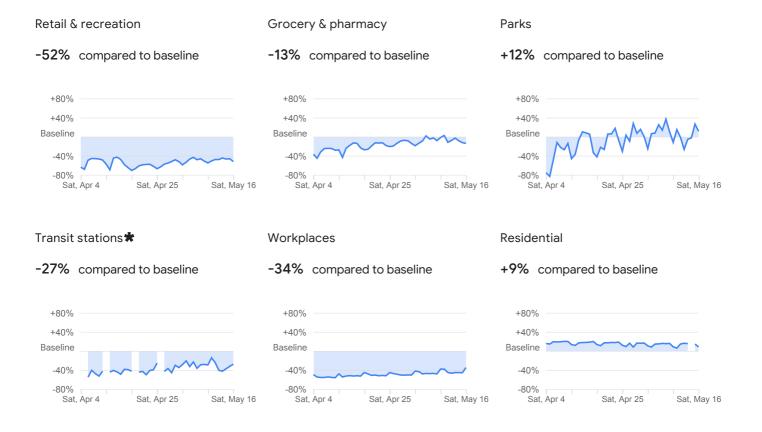


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

#### **Del Norte County**

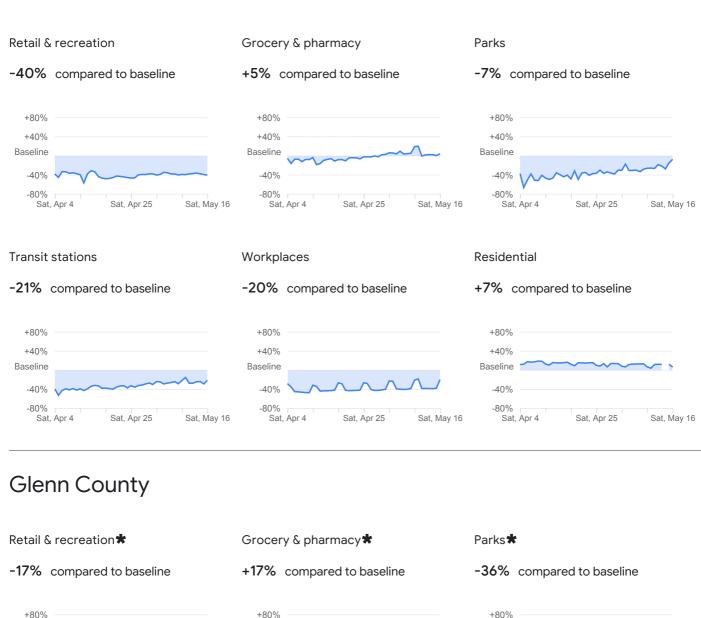


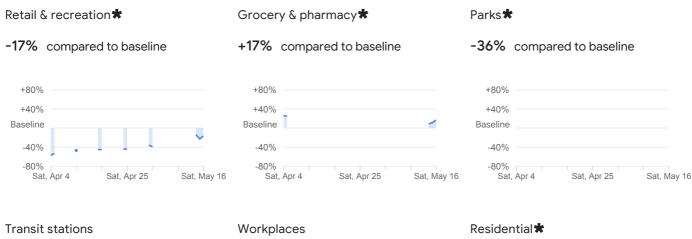
## El Dorado County

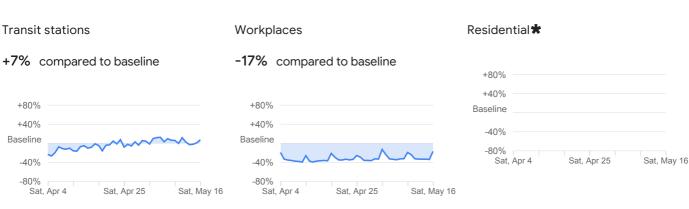


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

## Fresno County

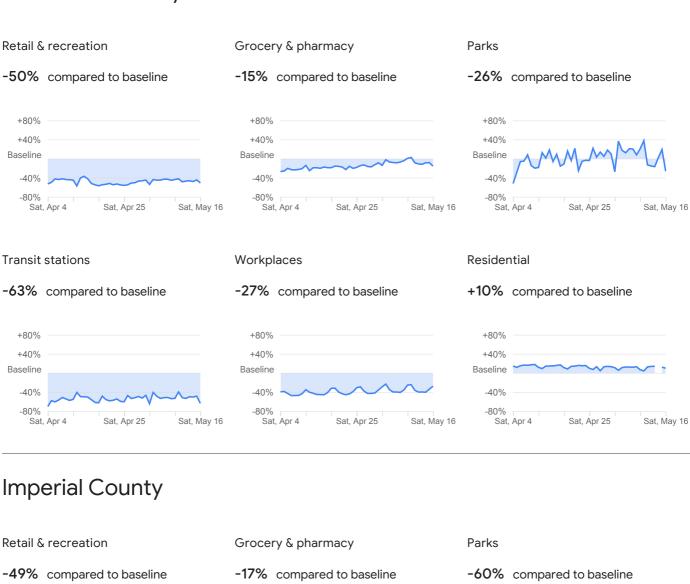






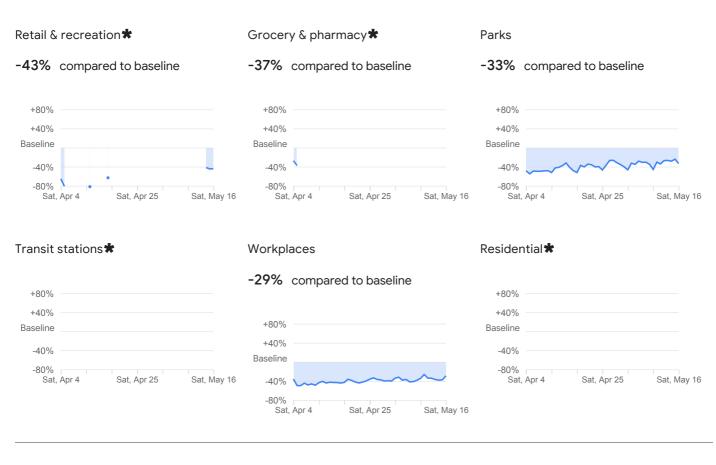
<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

# **Humboldt County**

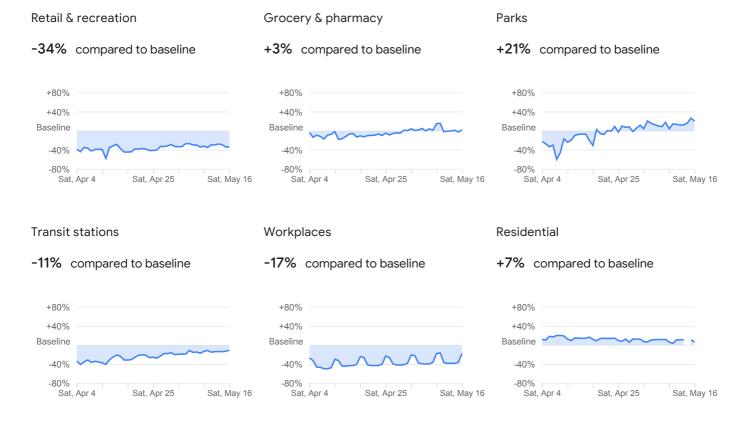




#### Inyo County



#### Kern 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.

#### **Kings County**

+80%

+40%

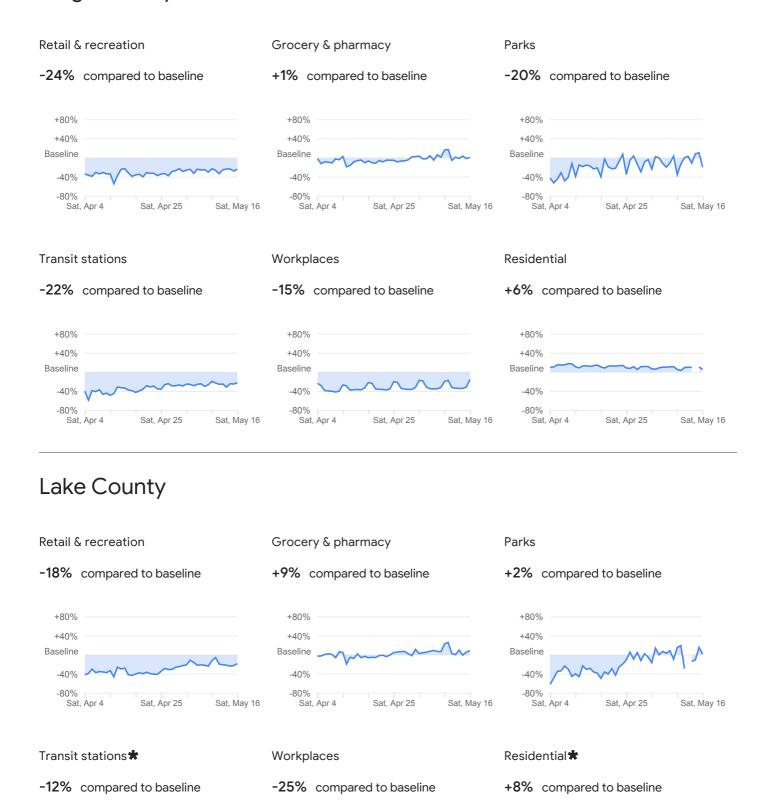
-40%

-80%

Sat Apr 4

Sat Apr 25

Baseline



Sat. Apr 25

+80%

+40%

-40%

-80%

Sat Apr 4

Sat. May 16

Sat, May 16

Sat. Apr 25

Baseline

+80%

+40%

40%

-80% Sat, Apr 4

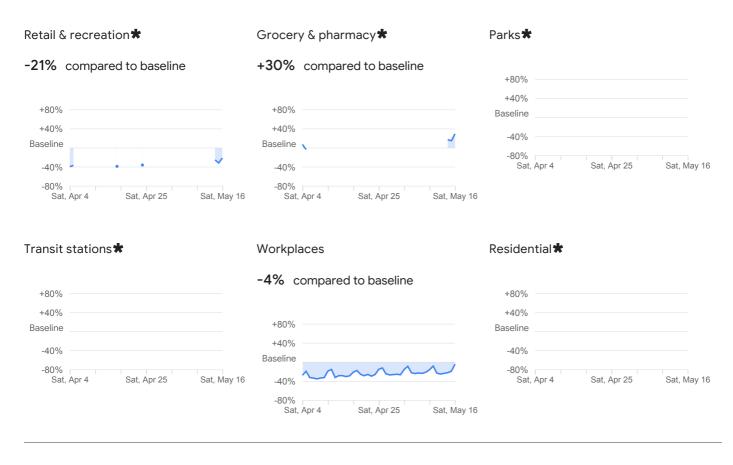
needs a significant volume of data to generate an aggregated and anonymous view of trends.

Baseline

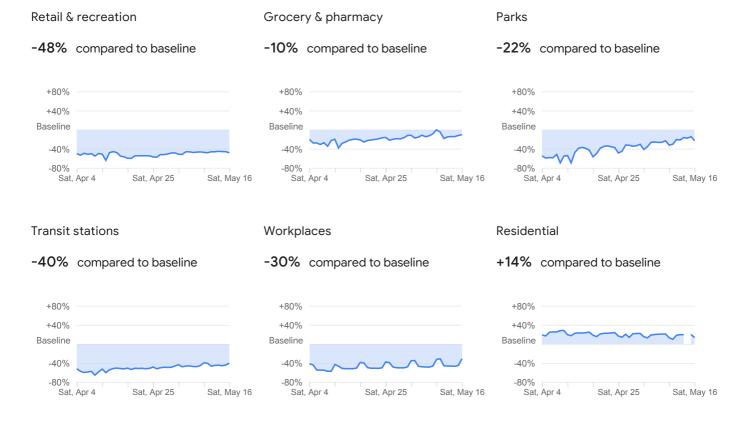
Sat. May 16

<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google

#### Lassen County

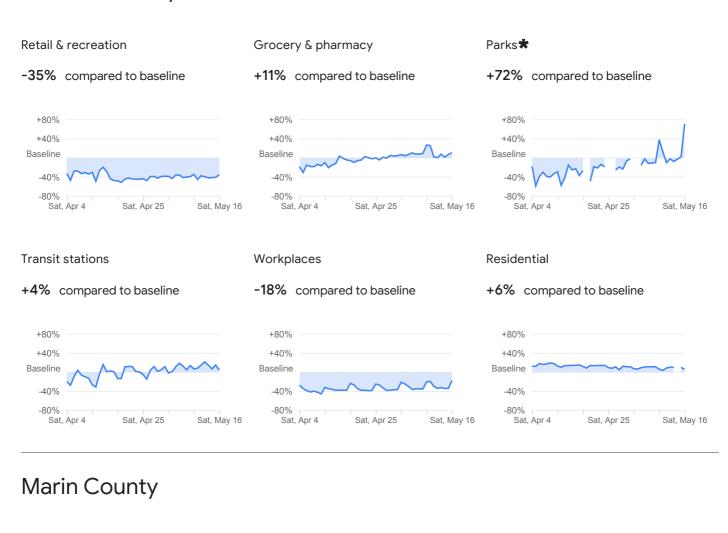


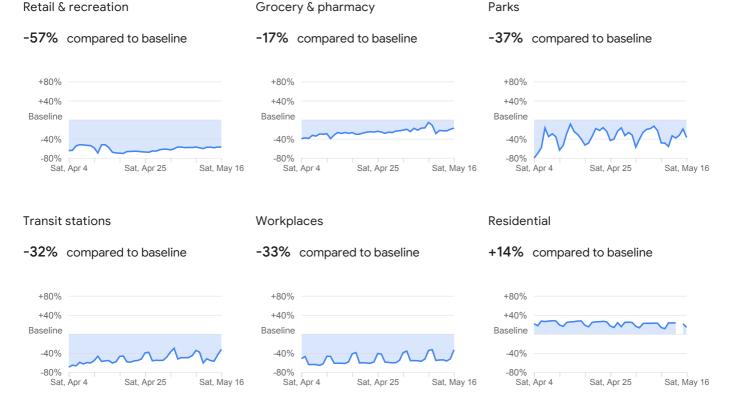
## Los Angeles County



<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.

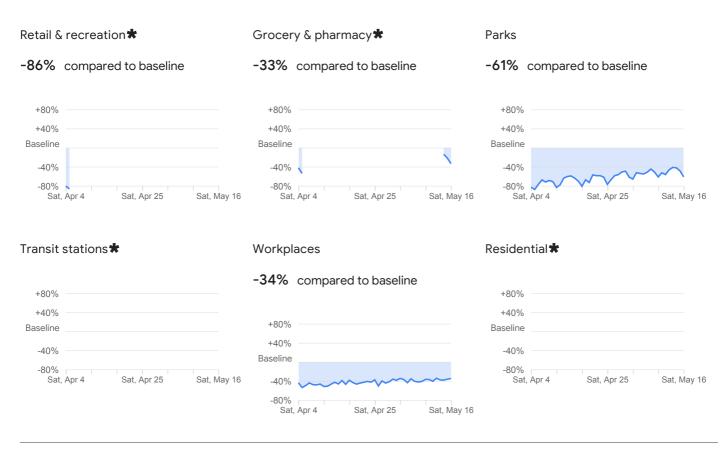
## Madera County



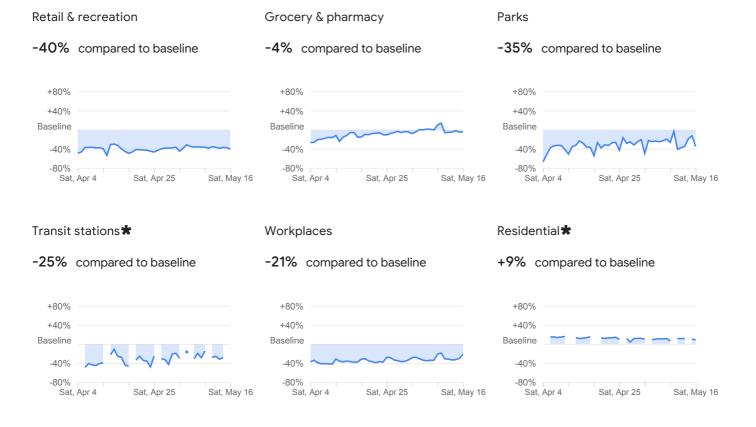


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

## Mariposa County

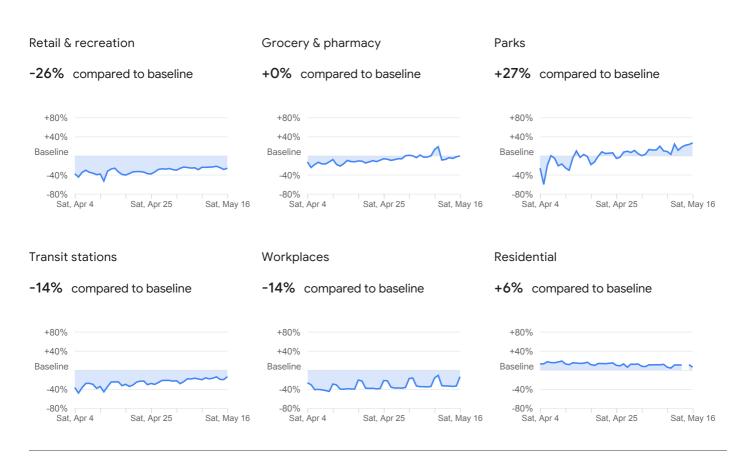


## Mendocino County

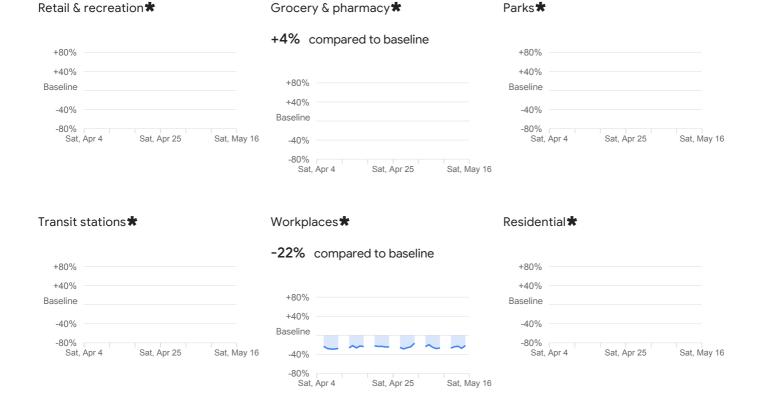


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## **Merced County**

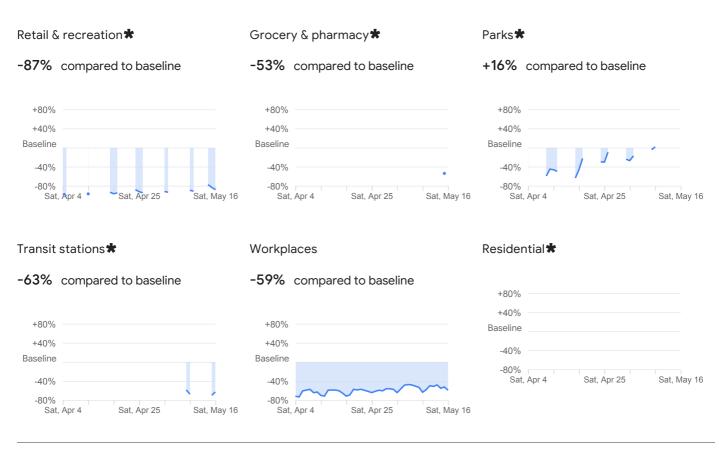


## **Modoc County**

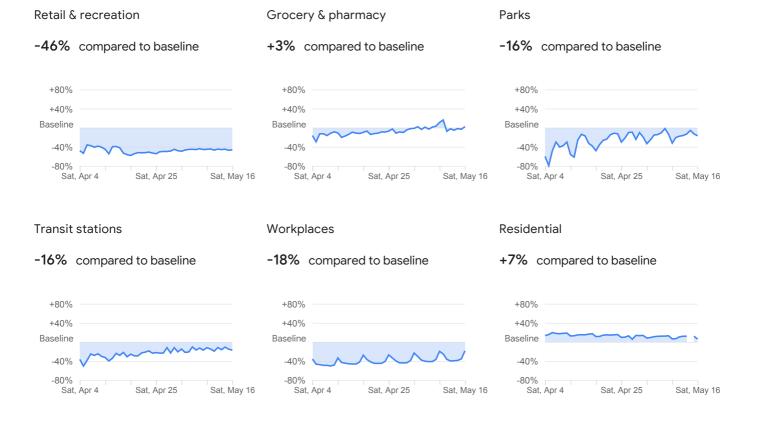


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

#### Mono County

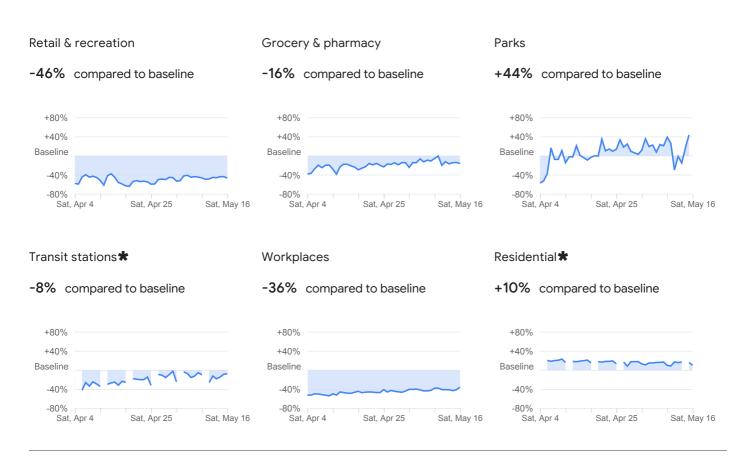


## **Monterey County**

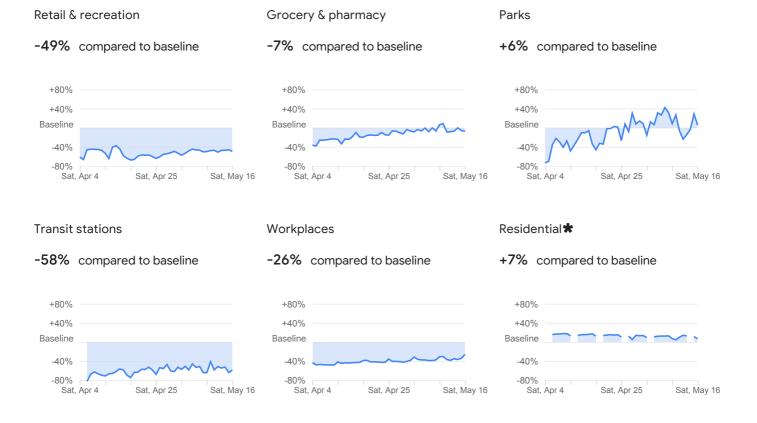


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

#### Napa County

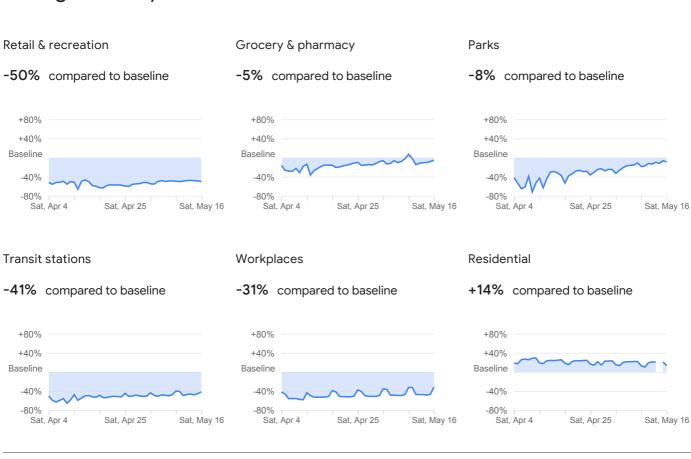


#### Nevada County

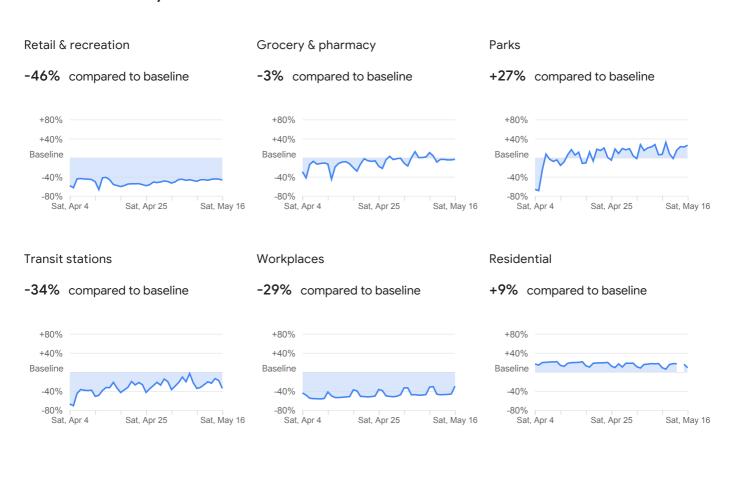


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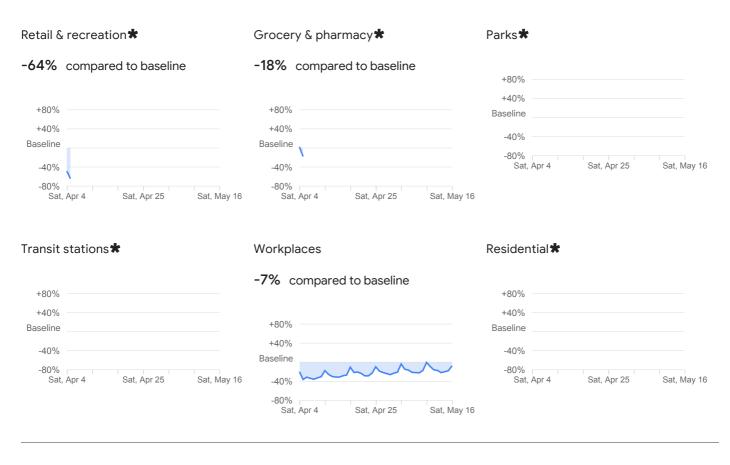
## **Orange County**



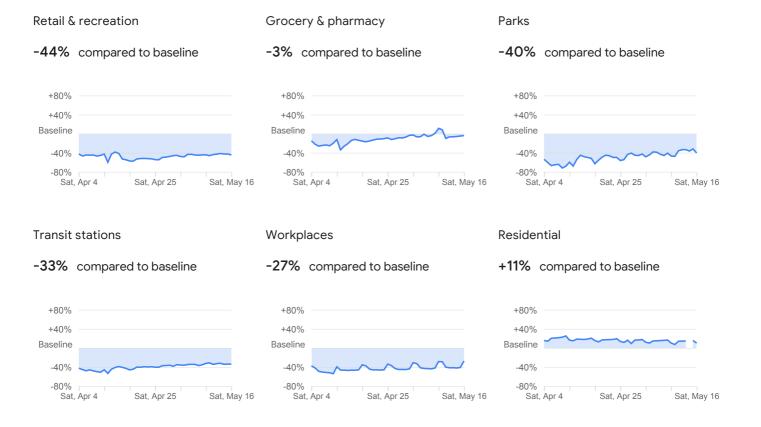
## **Placer County**



## Plumas County

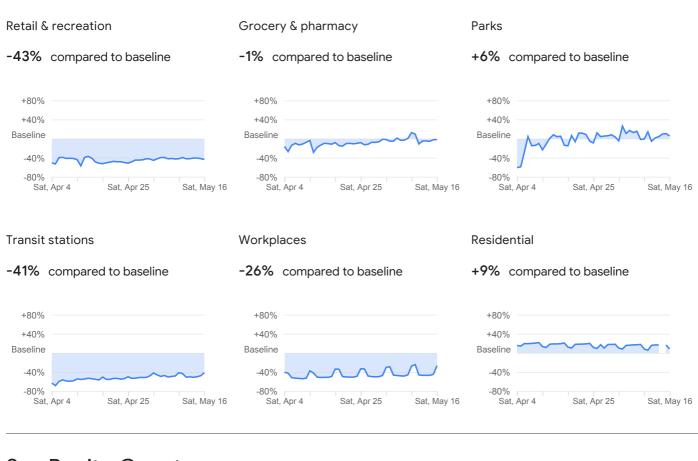


## Riverside County

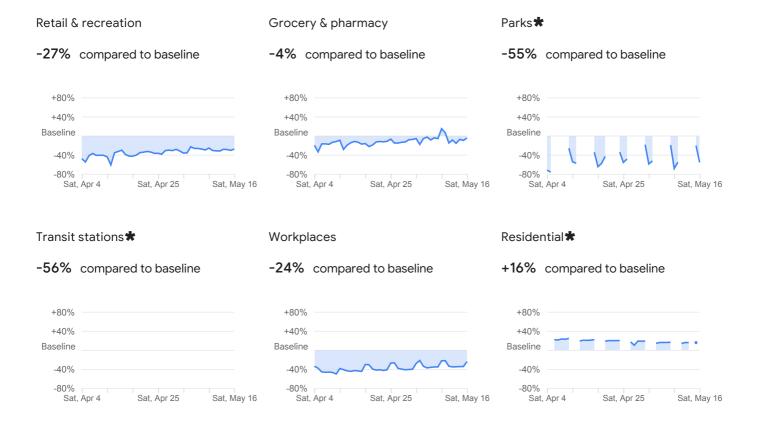


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#### Sacramento County

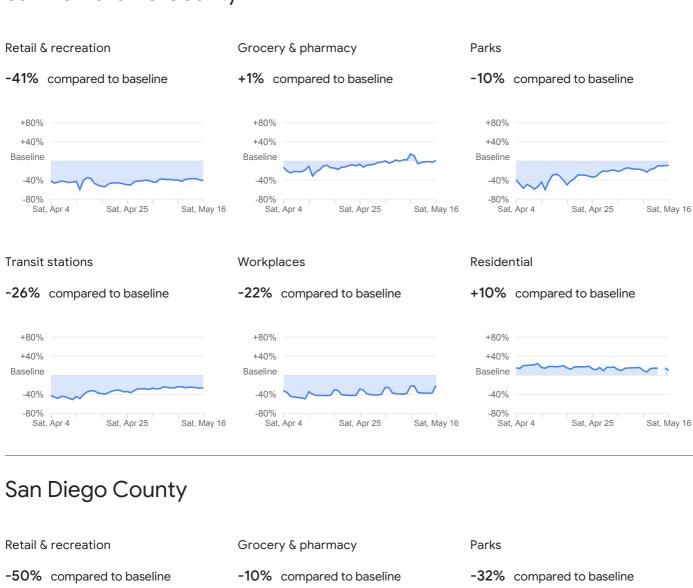


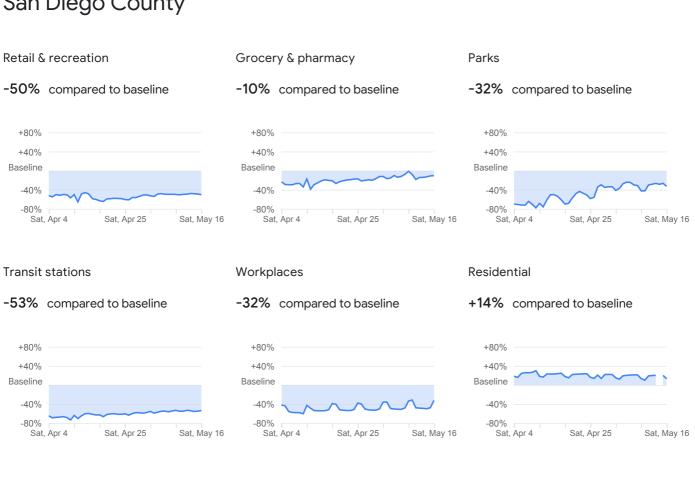
#### San Benito County



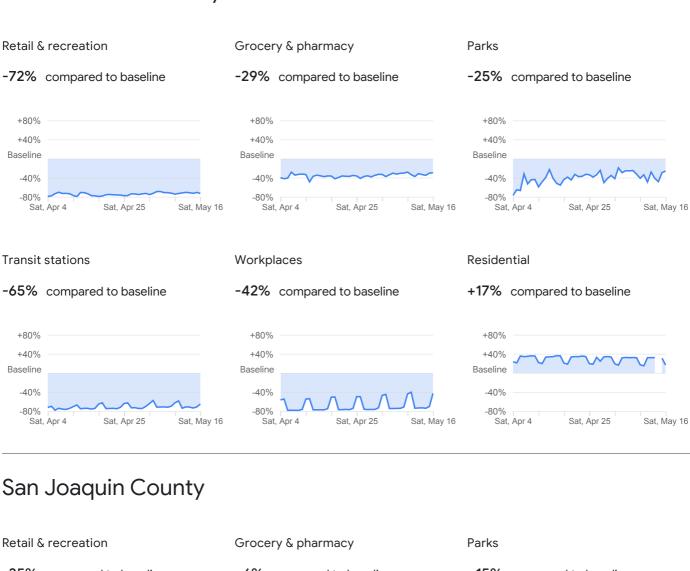
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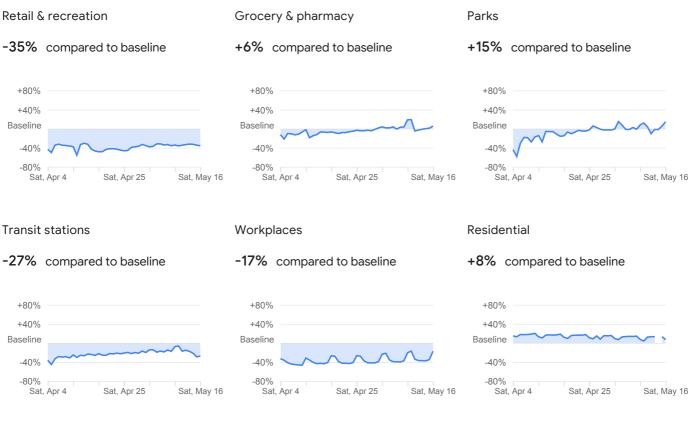
## San Bernardino County



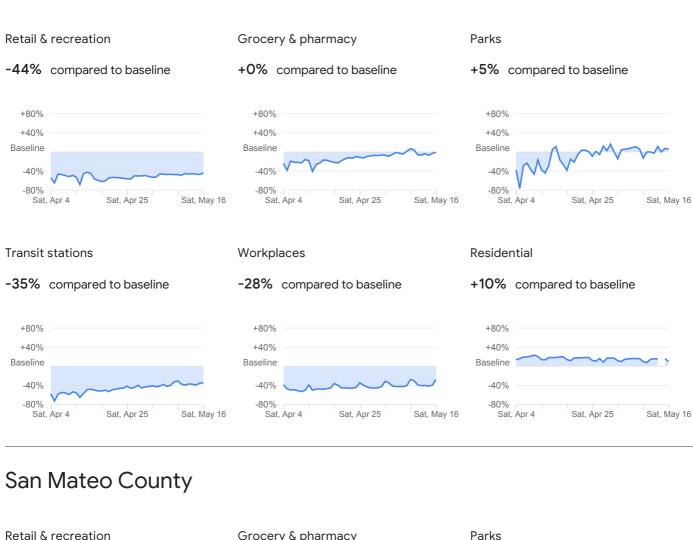


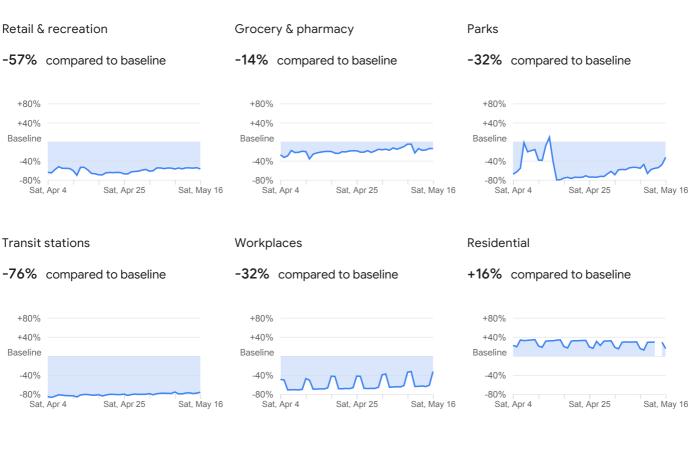
## San Francisco County





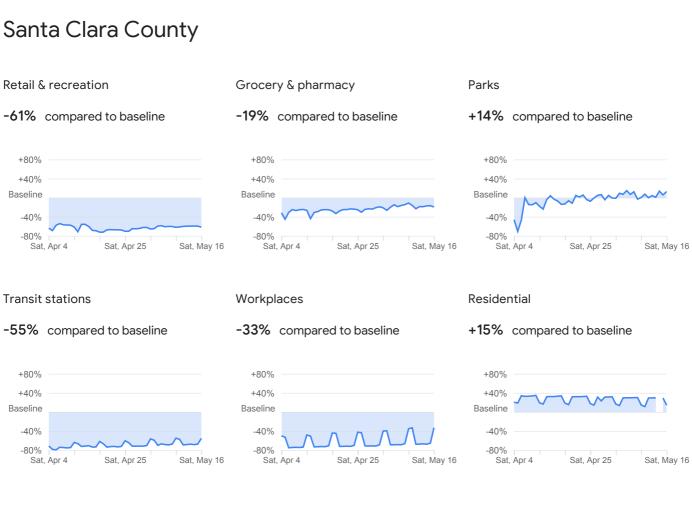
## San Luis Obispo County



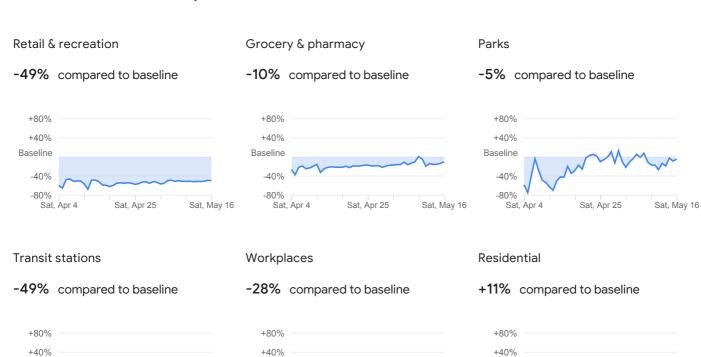


## Santa Barbara County





## Santa Cruz County



Baseline

-40%

-80%

Sat, Apr 4

Sat, May 16

# Shasta County

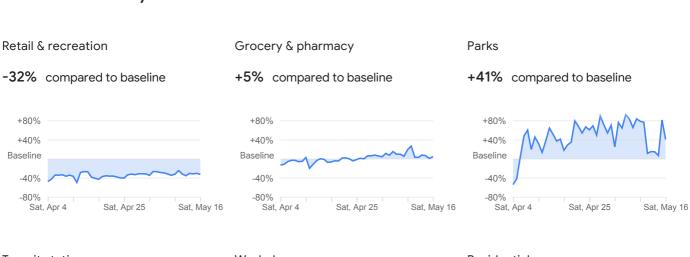
Sat, Apr 25

Baseline

-40%

-80%

Sat, Apr 4



Sat, Apr 25

Baseline

-40%

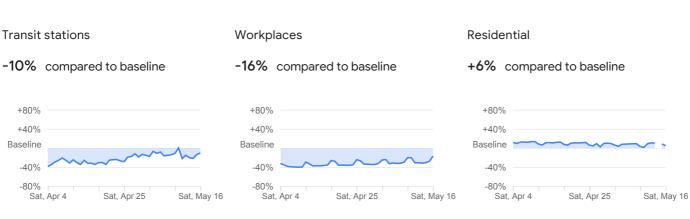
-80%

Sat, Apr 4

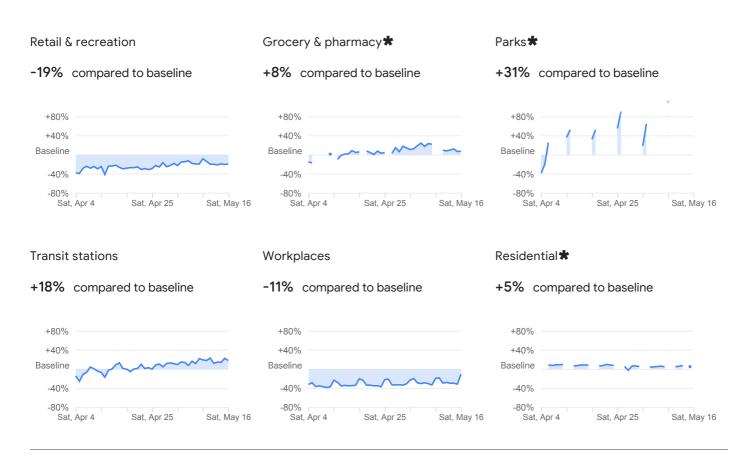
Sat, Apr 25

Sat, May 16

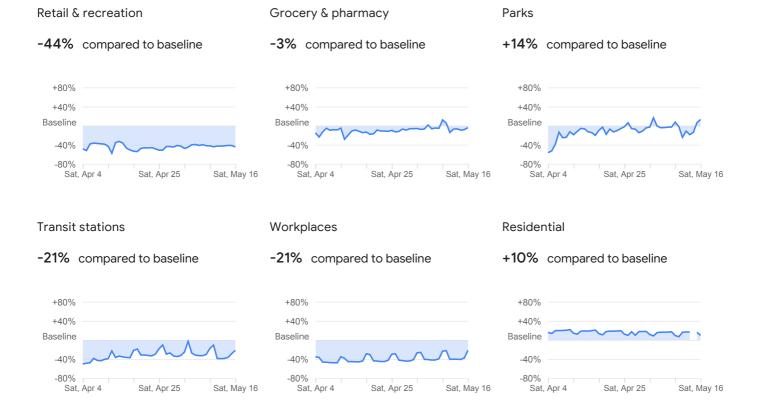
Sat, May 16



## Siskiyou County

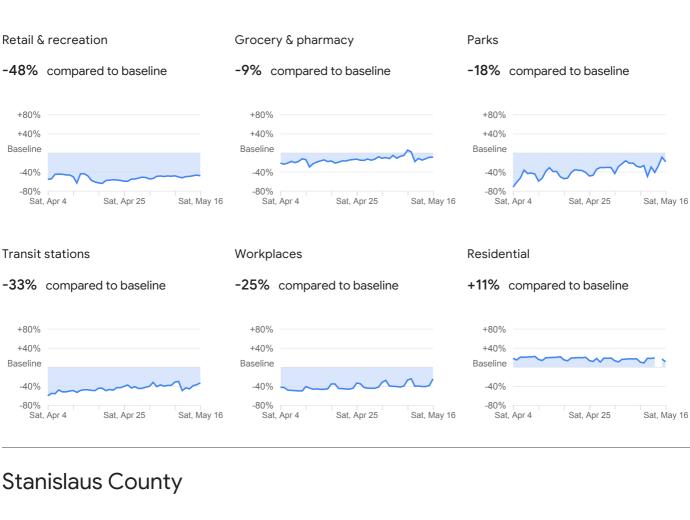


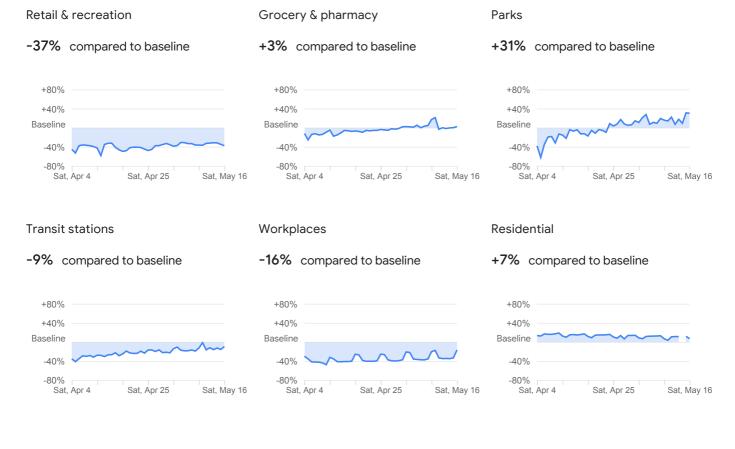
#### Solano County



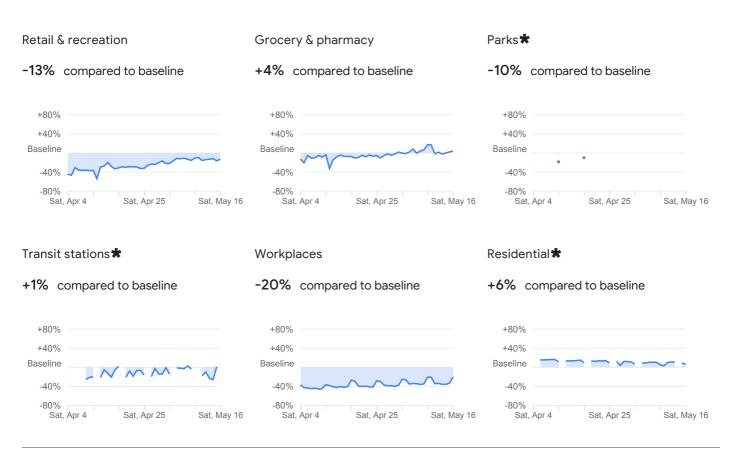
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## Sonoma County

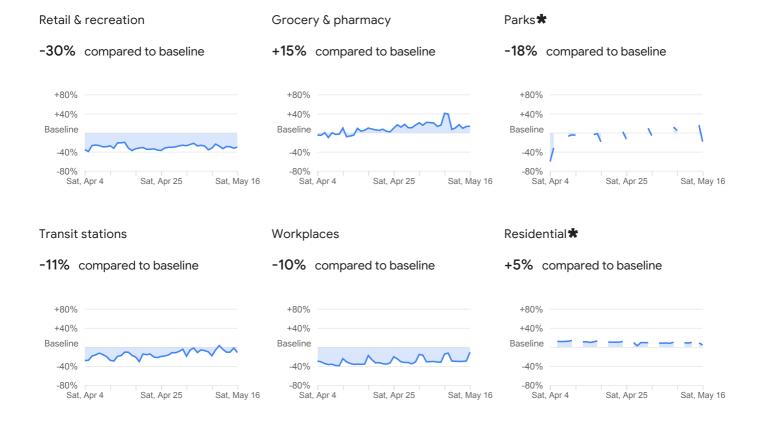




## **Sutter County**

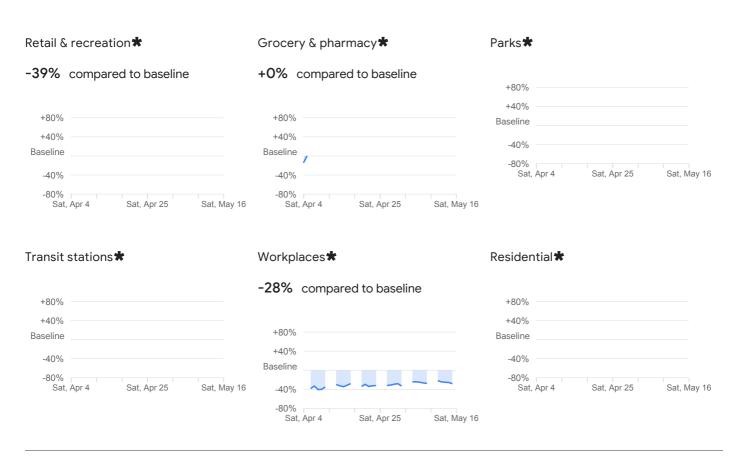


#### **Tehama County**

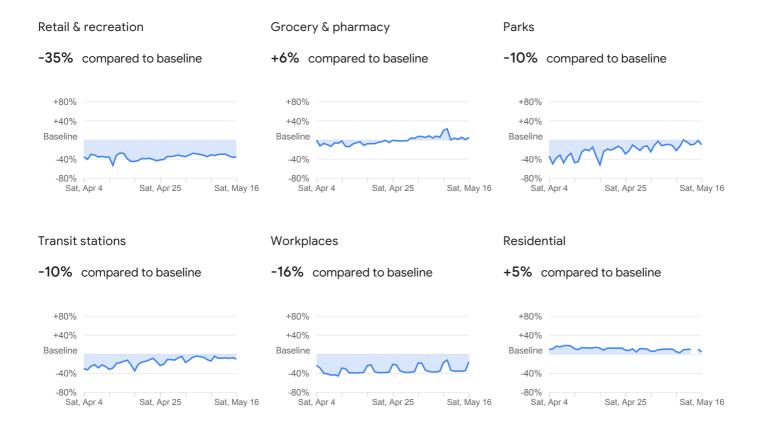


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## **Trinity County**

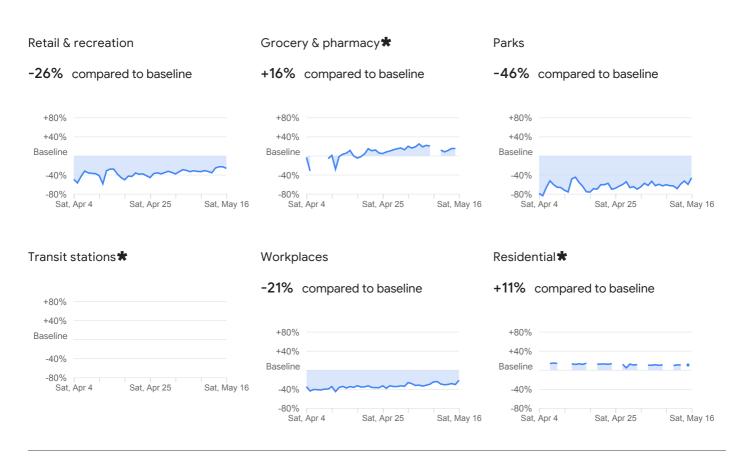


#### **Tulare County**

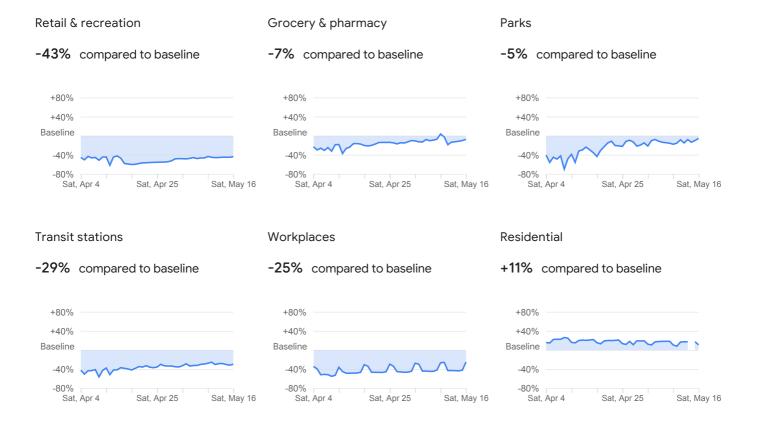


<sup>\*</sup> **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

## **Tuolumne County**

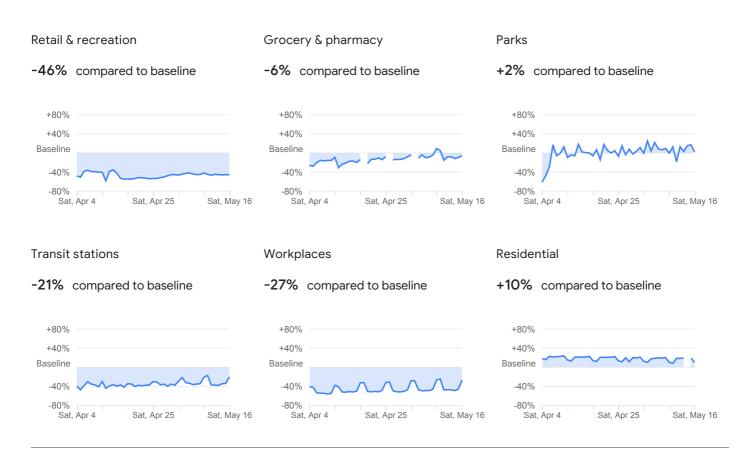


#### Ventura County

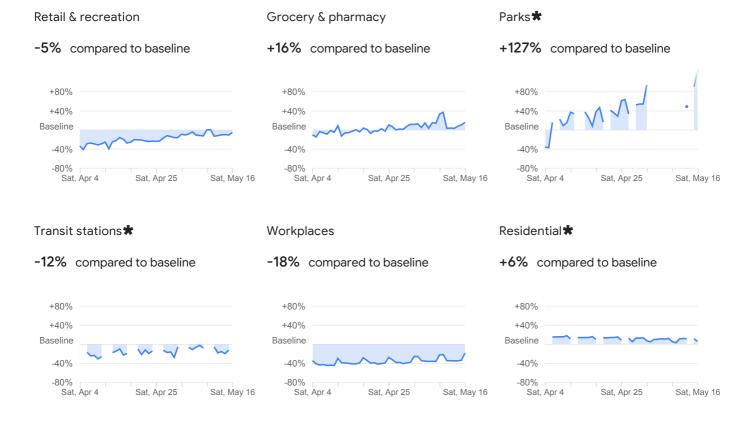


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## Yolo County



#### Yuba 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.

#### 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