

California September 6, 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.

The data shows how visits to places, such as grocery stores and parks, are changing in each geographic region. Learn how you can use this report in your work by visiting Community Mobility Reports Help.

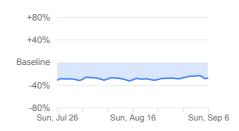
Location accuracy and the understanding of categorized places varies from region to region, so we don't recommend using this data to compare changes between countries, or between regions with different characteristics (e.g. rural versus urban areas).

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

-27%

compared to baseline

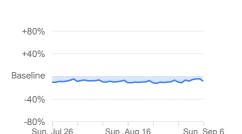


Mobility trends for places like restaurants, cafes, shopping centers, theme parks, museums, libraries, and movie theaters.

Grocery & pharmacy

-9%

compared to baseline

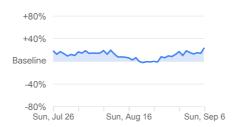


Mobility trends for places like grocery markets, food warehouses, farmers markets, specialty food shops, drug stores, and pharmacies.

Parks

+24%

compared to baseline

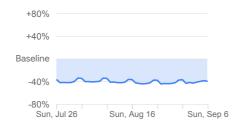


Mobility trends for places like national parks, public beaches, marinas, dog parks, plazas, and public gardens.

Transit stations

-39%

compared to baseline

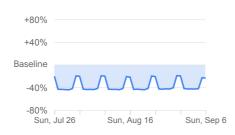


Mobility trends for places like public transport hubs such as subway, bus, and train stations.

Workplaces

-23%

compared to baseline

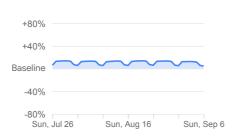


Mobility trends for places of work.

Residential

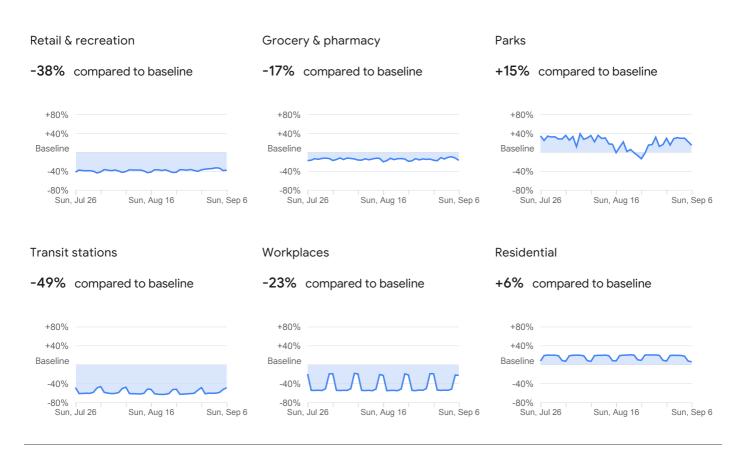
+5%

compared to baseline

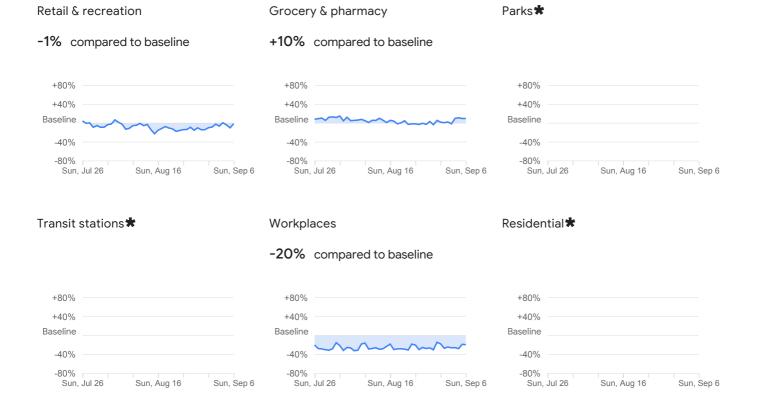


Mobility trends for places of residence.

Alameda County

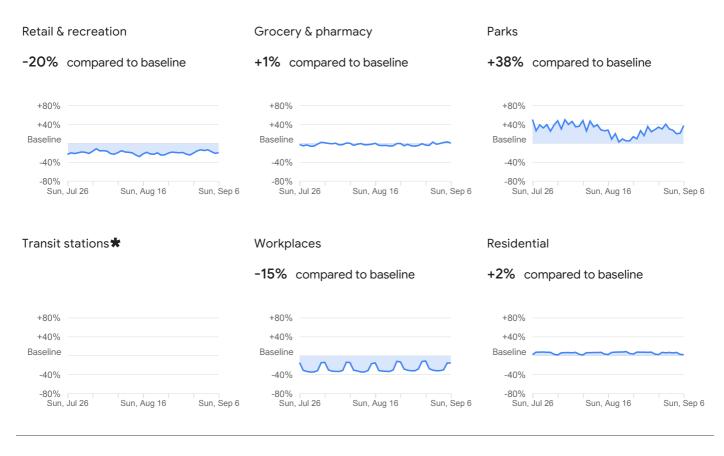


Amador County

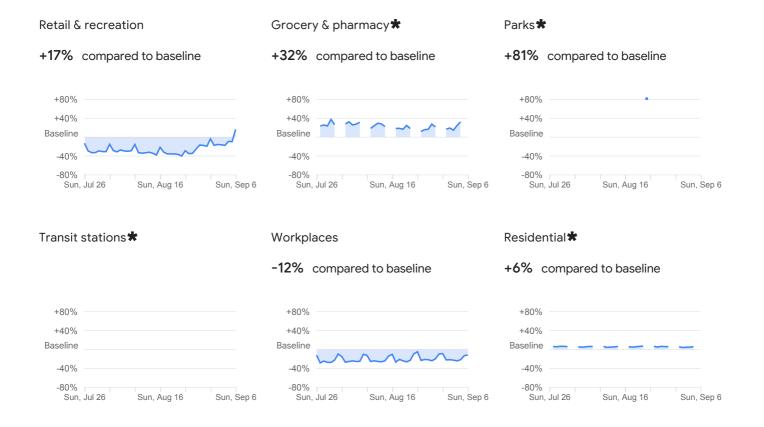


^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Butte County

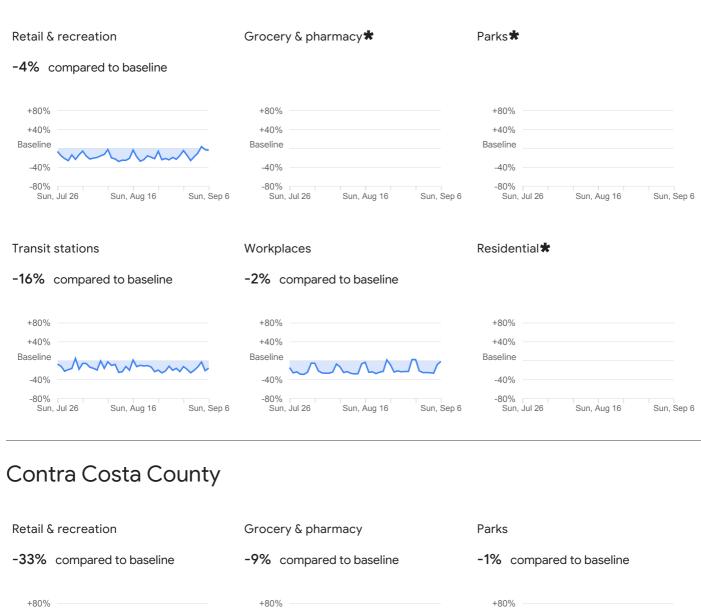


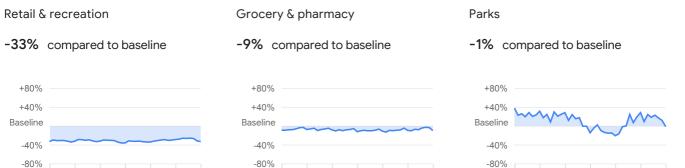
Calaveras County

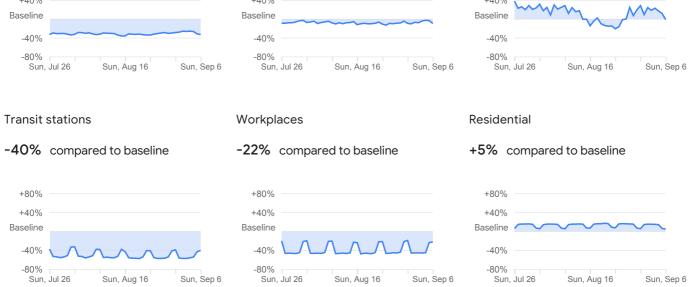


^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Colusa County

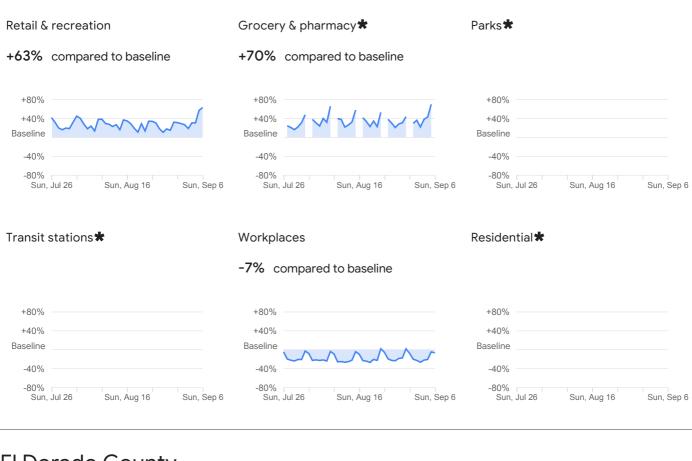




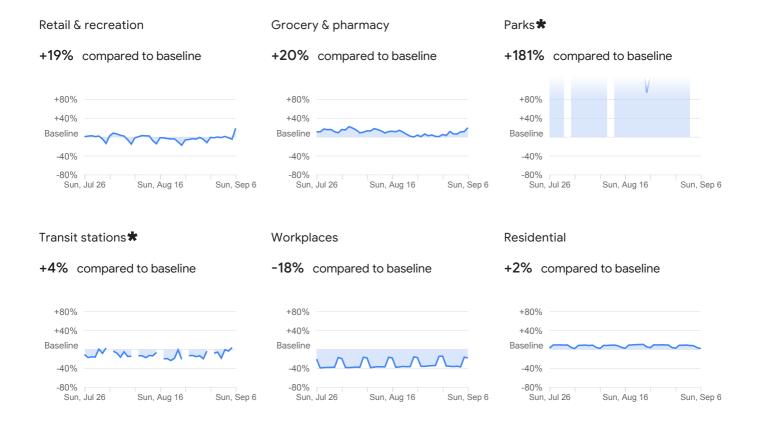


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Del Norte County

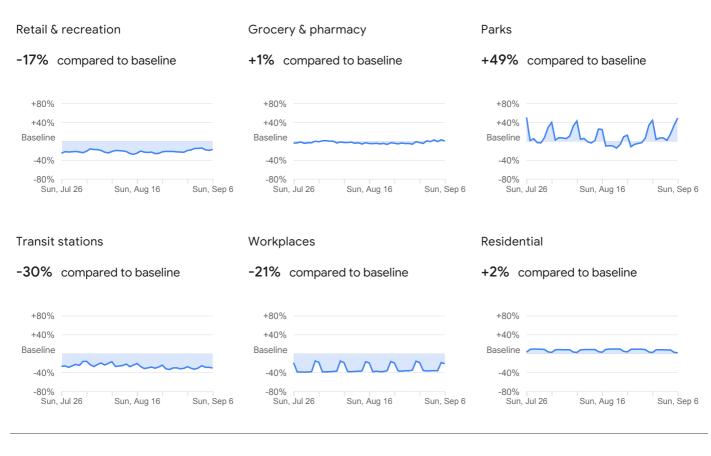


El Dorado County

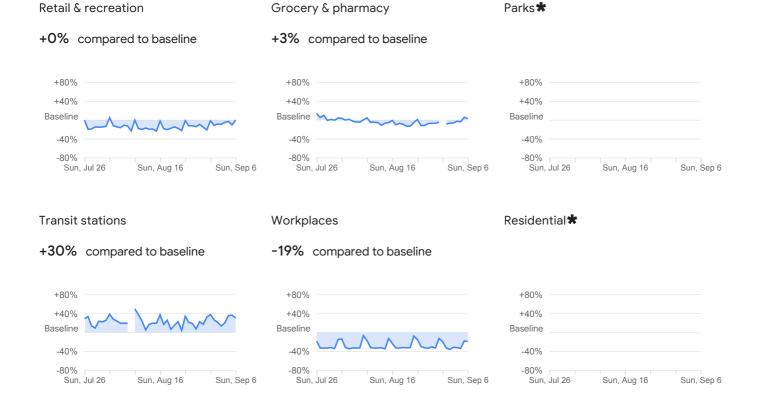


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Fresno County

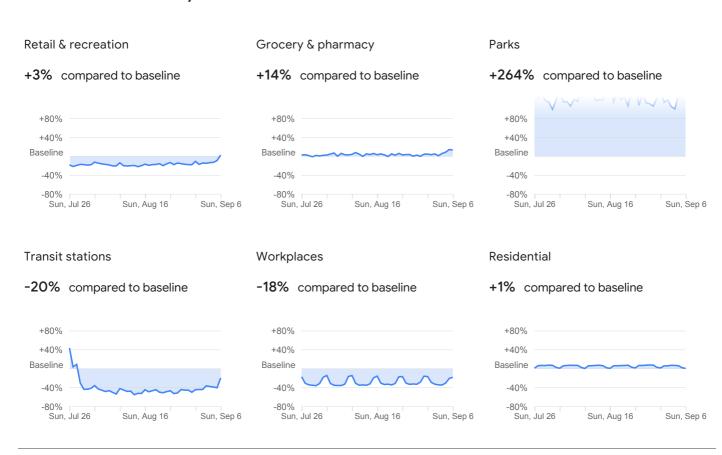


Glenn County

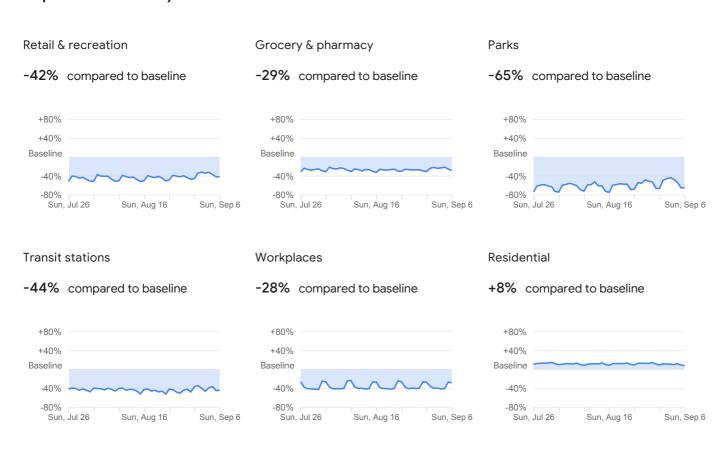


^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Humboldt County



Imperial County



Inyo County

+80%

+40%

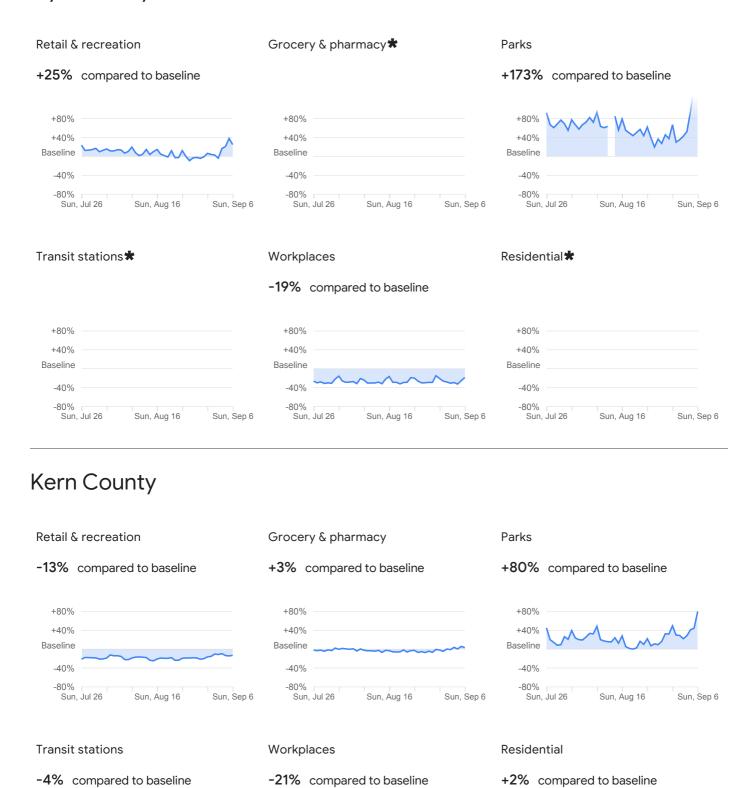
-40%

-80%

Sun, Jul 26

Sun, Aug 16

Baseline



Sun. Sep 6

+80%

+40%

-40%

-80%

Sun, Jul 26

Sun, Aug 16

Baseline

+80%

+40%

-40%

-80%

Sun. Sep 6

Sun, Jul 26

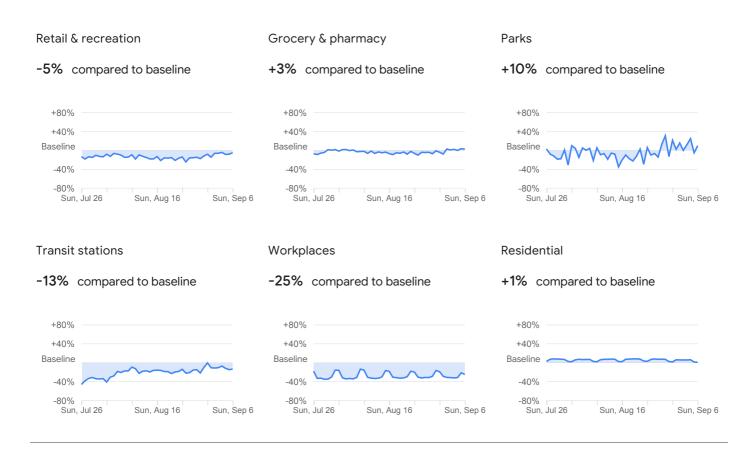
Sun, Sep 6

Sun. Aug 16

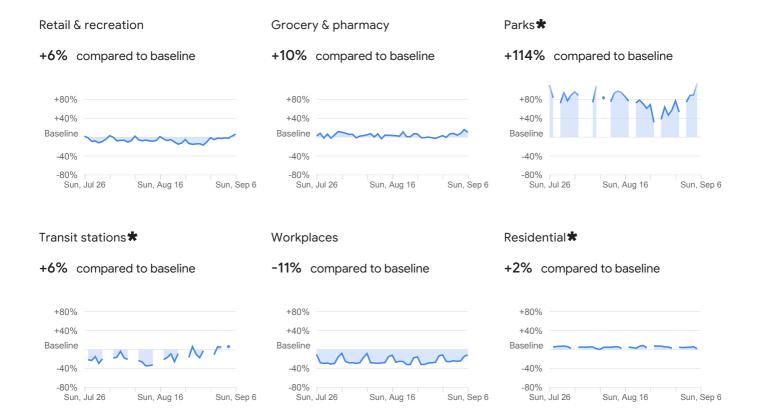
Baseline

^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Kings County

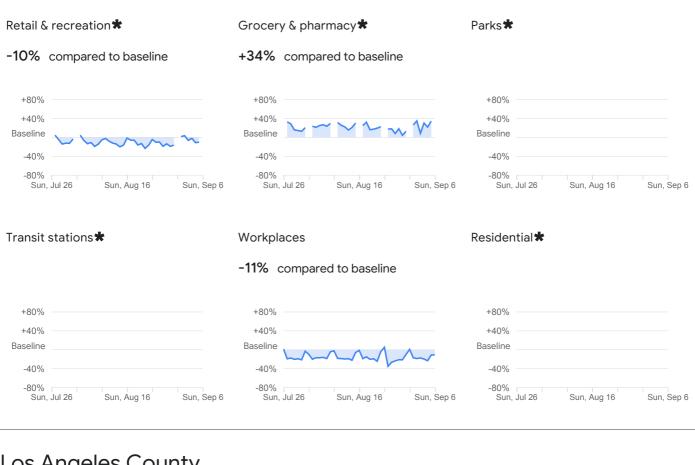


Lake County

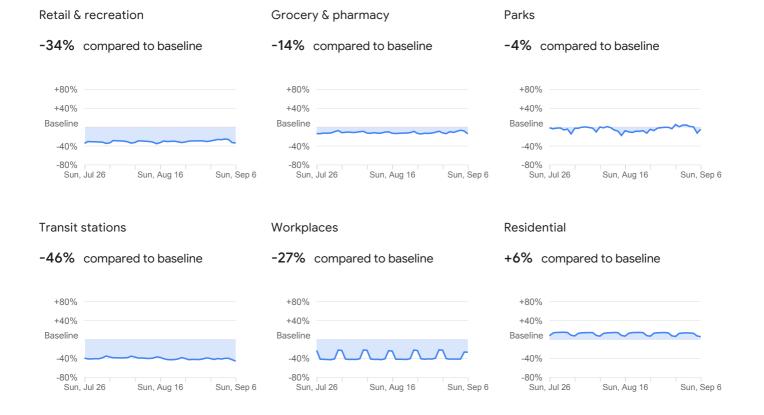


^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Lassen County



Los Angeles County

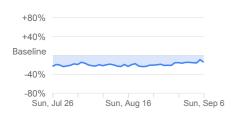


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Madera County

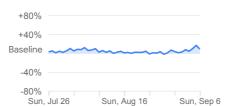
Retail & recreation

-15% compared to baseline



Grocery & pharmacy

+9% compared to baseline



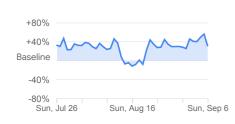
Parks

+92% compared to baseline



Transit stations

+31% compared to baseline



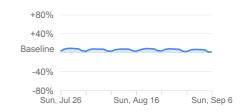
Workplaces

-21% compared to baseline



Residential

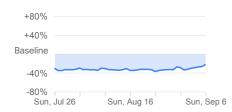
+1% compared to baseline



Marin County

Retail & recreation

-22% compared to baseline



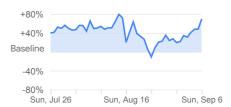
Grocery & pharmacy

-4% compared to baseline



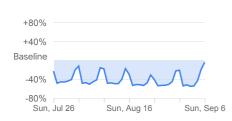
Parks

+70% compared to baseline



Transit stations

-4% compared to baseline



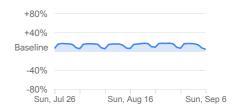
Workplaces

-19% compared to baseline

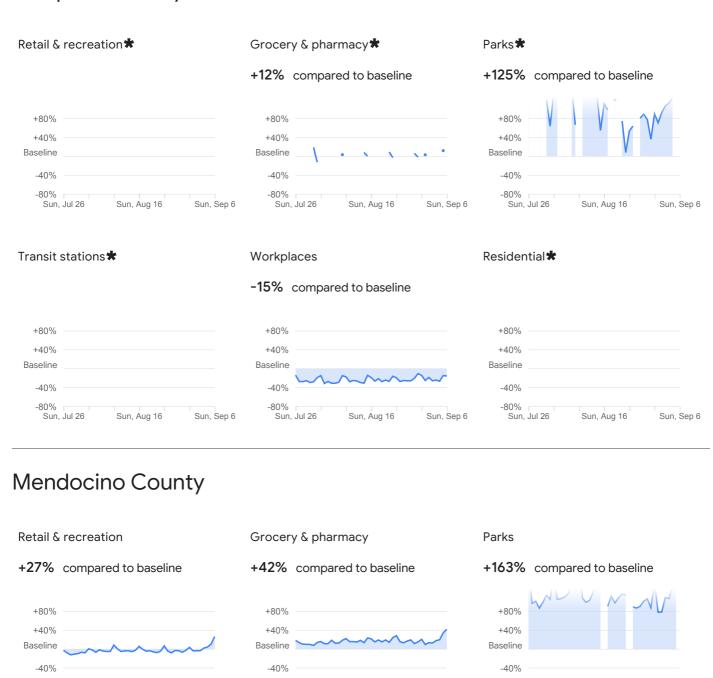


Residential

+5% compared to baseline



Mariposa County

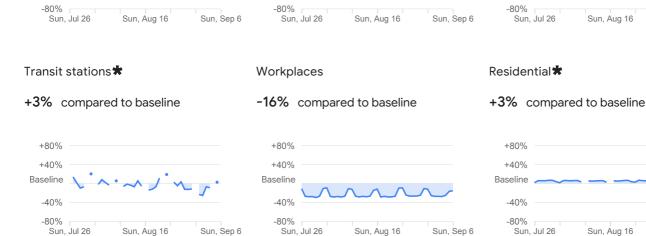


Sun, Aug 16

Sun. Aug 16

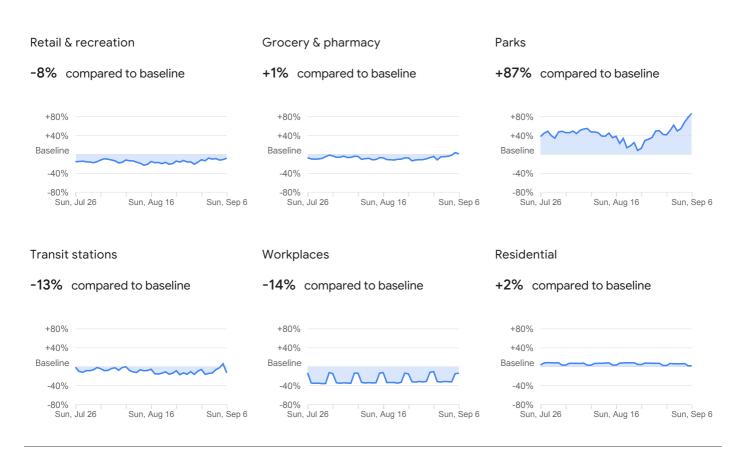
Sun. Sep 6

Sun. Sep 6

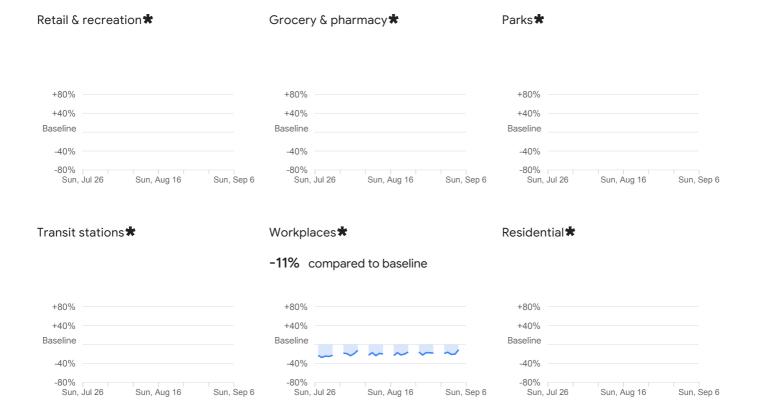


^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Merced County

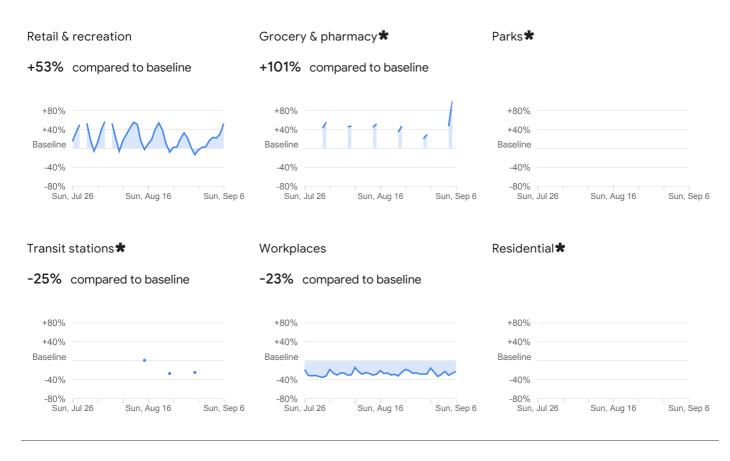


Modoc County

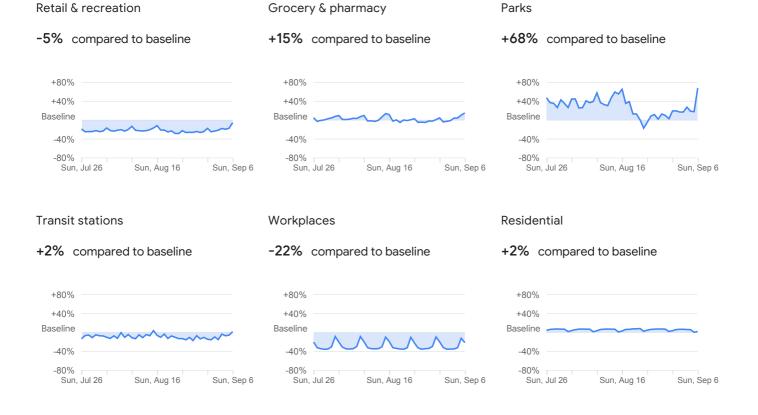


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Mono County

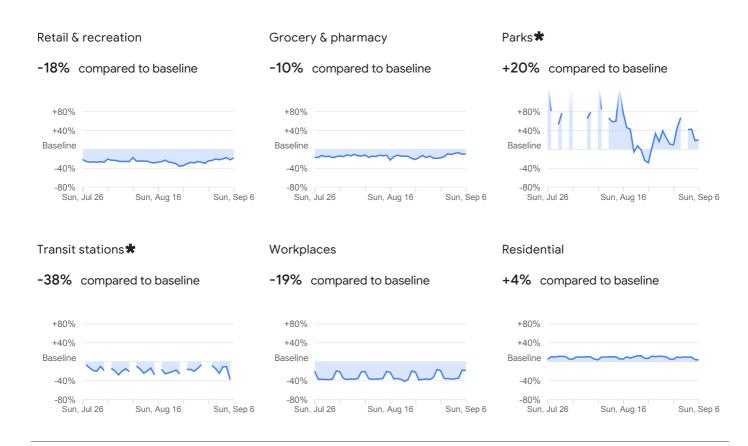


Monterey County

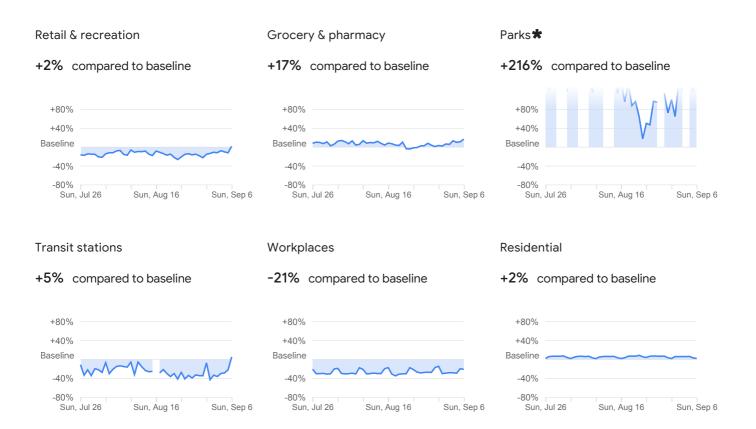


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Napa County

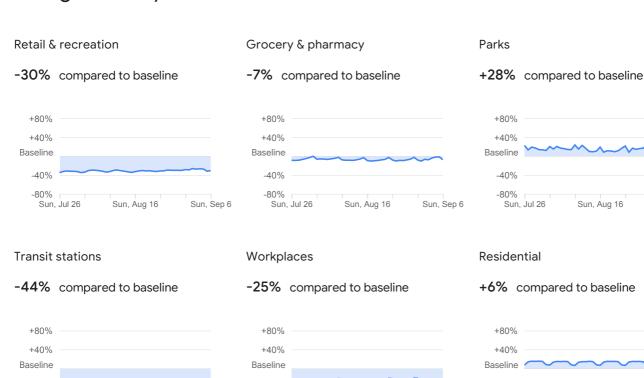


Nevada County



^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Orange County



-40%

-80%

Sun, Jul 26

Sun, Sep 6

Sun, Sep 6

Sun, Sep 6

-40%

-80%

Sun, Jul 26

Sun, Aug 16

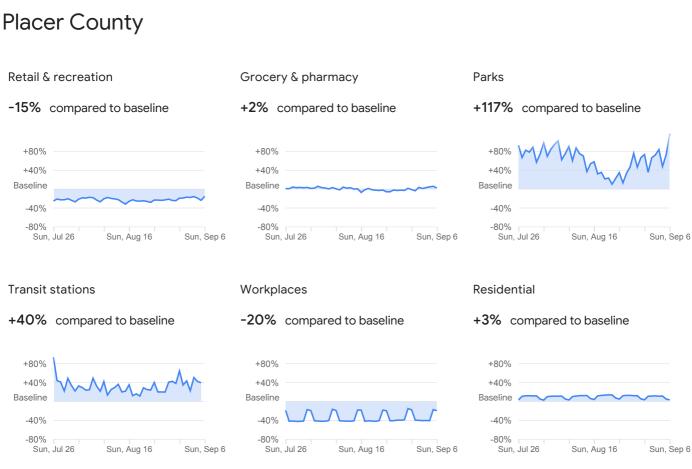
Sun, Sep 6

Sun, Aug 16

-40%

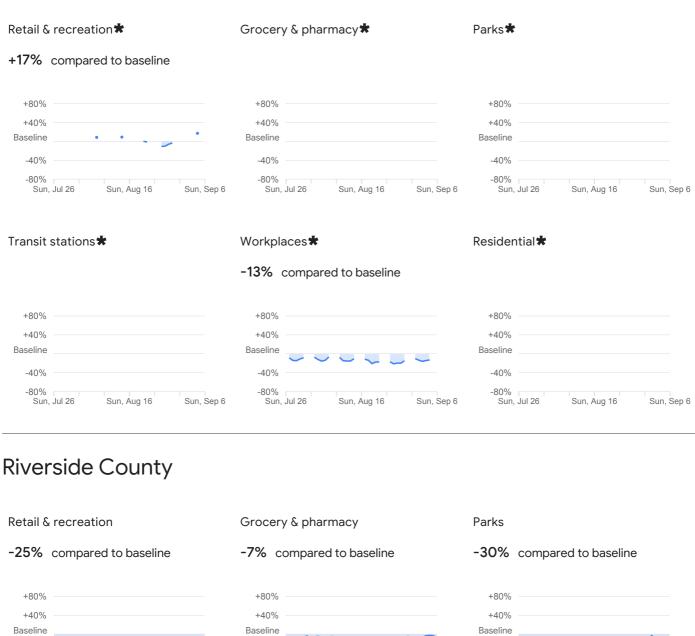
-80%

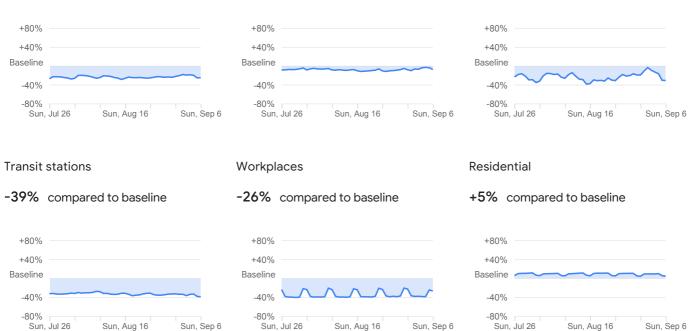
Sun, Jul 26



Sun, Aug 16

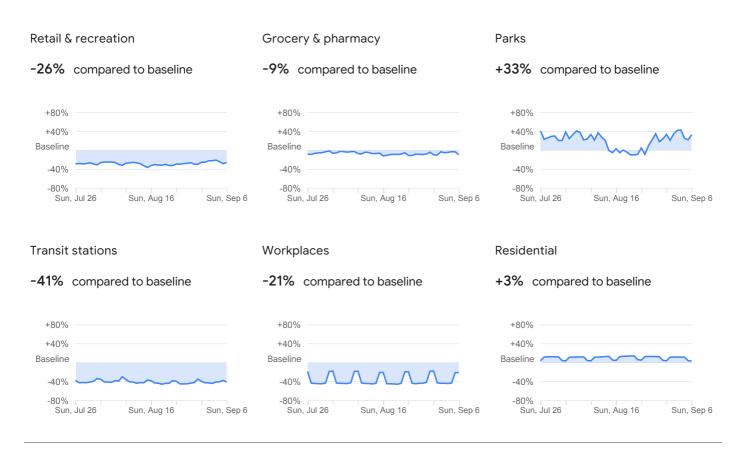
Plumas County



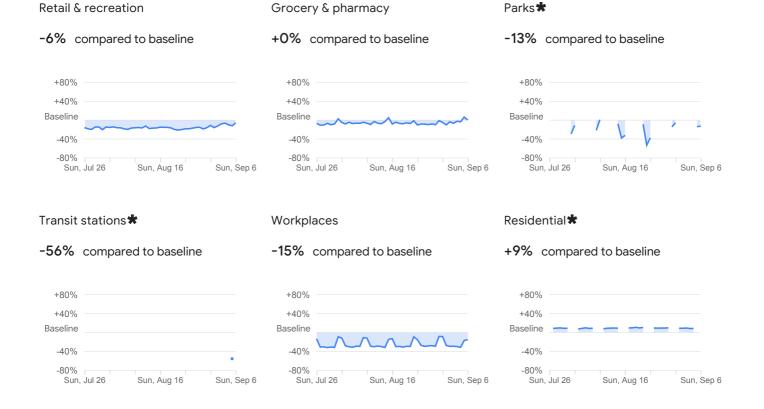


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Sacramento County

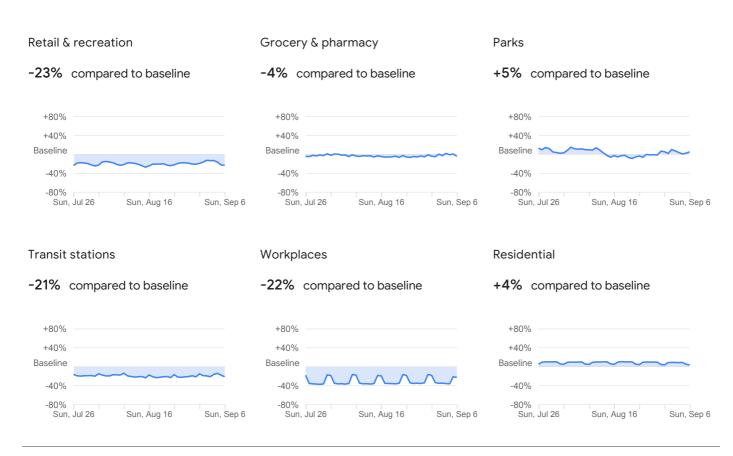


San Benito County

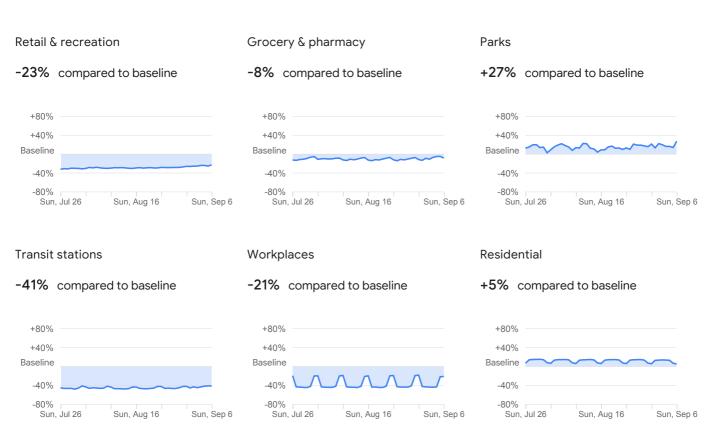


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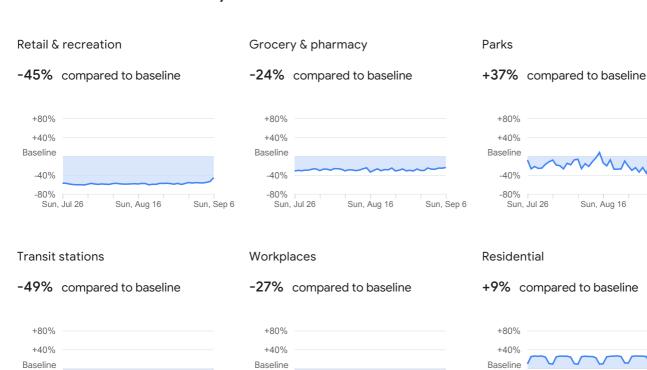
San Bernardino County



San Diego County



San Francisco County



-40%

-80%

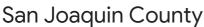
Workplaces

Sun, Jul 26

Sun, Sep 6

Sun, Sep 6

Sun, Sep 6



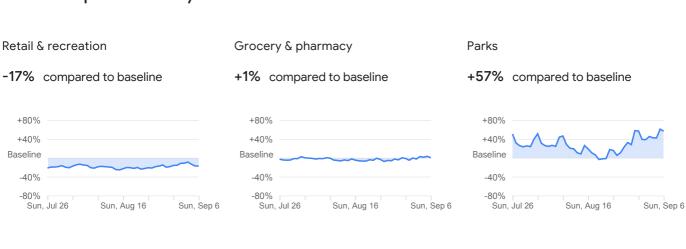
Sun, Aug 16

-80%

Sun, Jul 26

Transit stations

-16% compared to baseline



Sun, Aug 16

-40%

-80%

Residential

+80%

Baseline

-40%

-80%

Sun, Jul 26

+2% compared to baseline

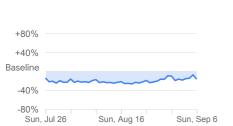
Sun. Aug 16

Sun. Sep 6

Sun, Jul 26

Sun, Aug 16

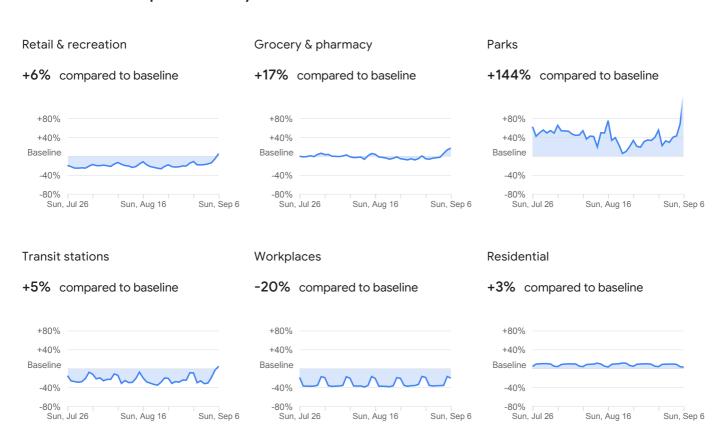
Sun, Sep 6

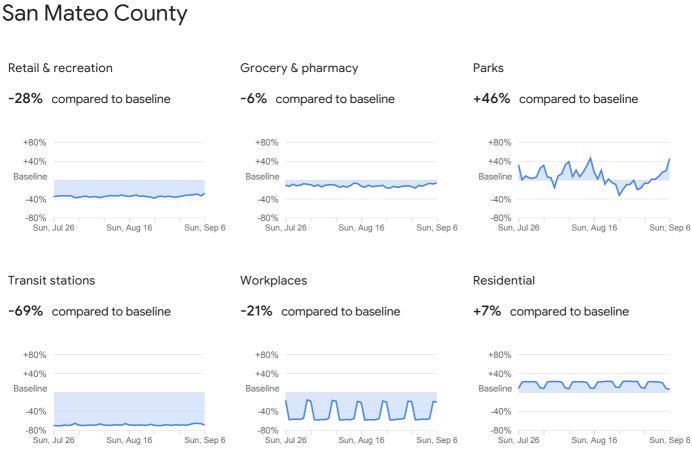




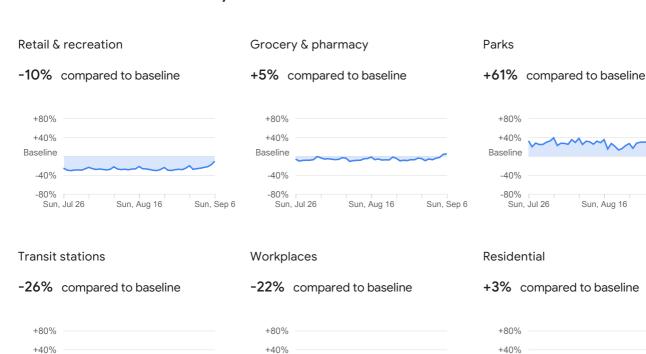
-19% compared to baseline

San Luis Obispo County





Santa Barbara County



Baseline

-40%

-80%

-40%

-80%

Sun. Sep 6

Sun, Jul 26

Sun, Jul 26

Sun, Sep 6

Sun, Sep 6

Sun, Sep 6

-40%

-80%

-40%

-80%

Sun. Sep 6

Sun, Jul 26

Sun. Aug 16

Sun. Sep 6

Sun, Jul 26

Sun, Aug 16

Sun, Sep 6

Santa Clara County

Sun, Aug 16

Baseline

-40%

-80%

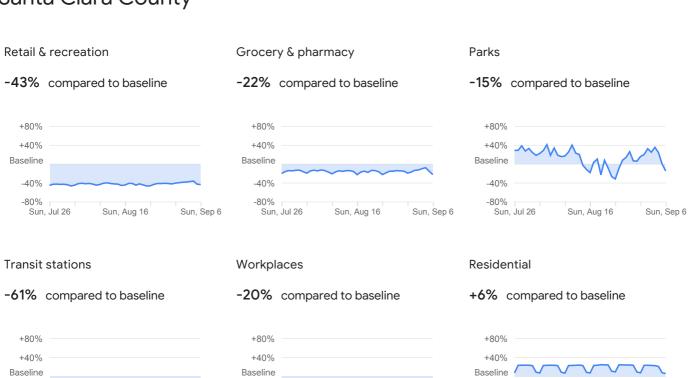
-40%

-80%

Sun, Jul 26

Sun, Aug 16

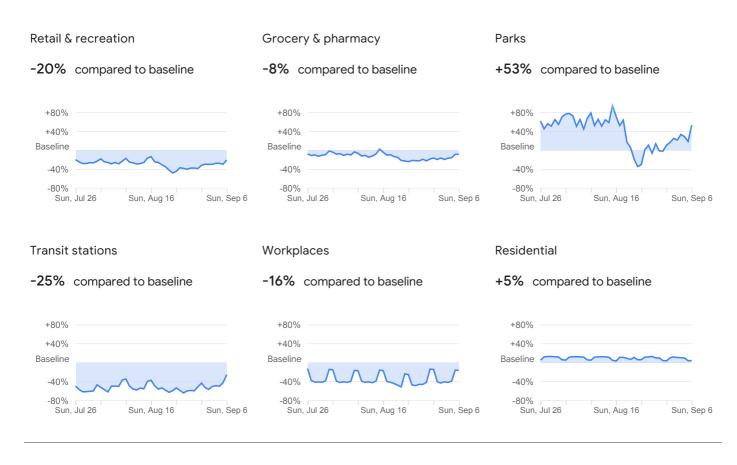
Sun, Jul 26



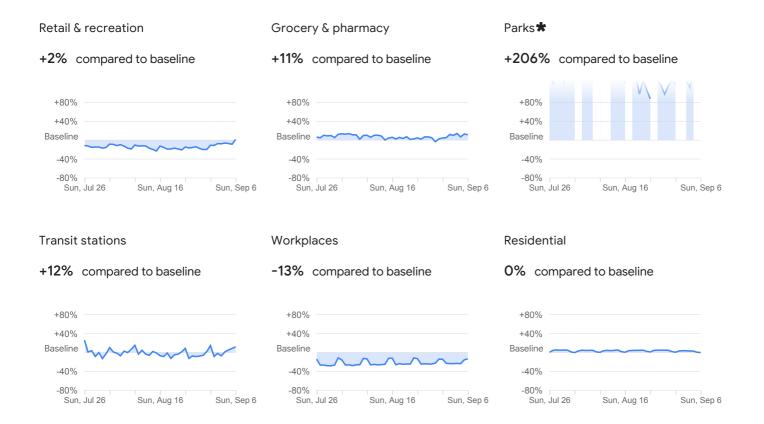
Sun, Aug 16

Sun, Aug 16

Santa Cruz County

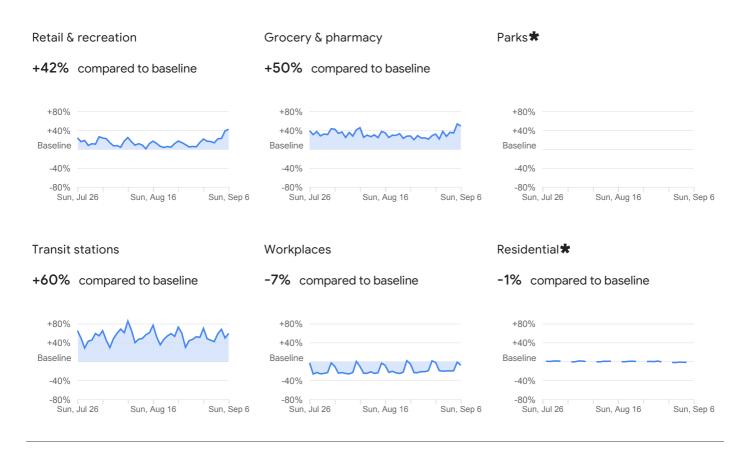


Shasta County

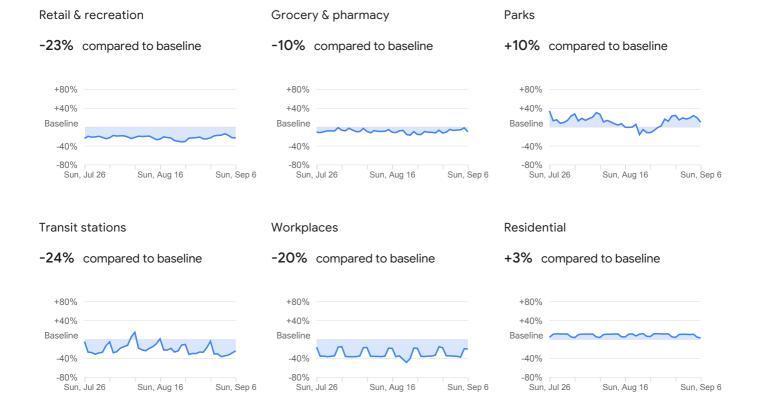


^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Siskiyou County

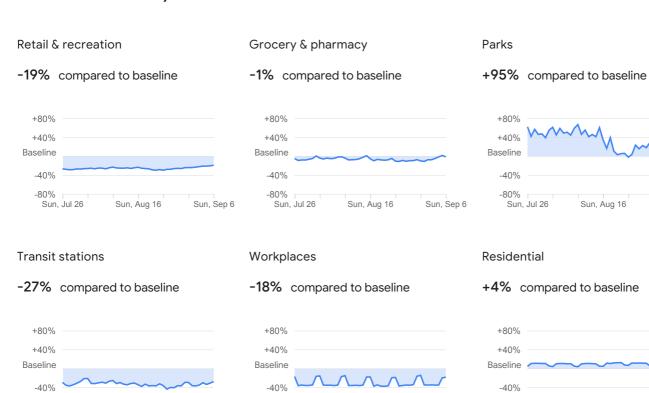


Solano County



^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Sonoma County



-80%

Sun, Jul 26

Sun, Sep 6

Sun, Sep 6

Sun, Sep 6

-80%

Sun, Jul 26

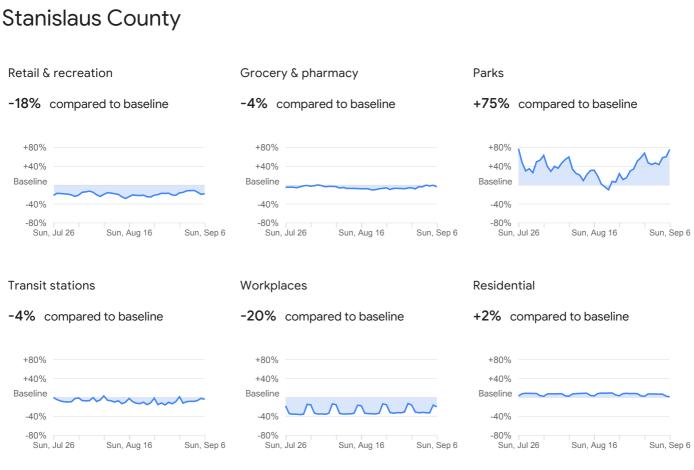
Sun, Aug 16

Sun, Sep 6

Sun, Aug 16

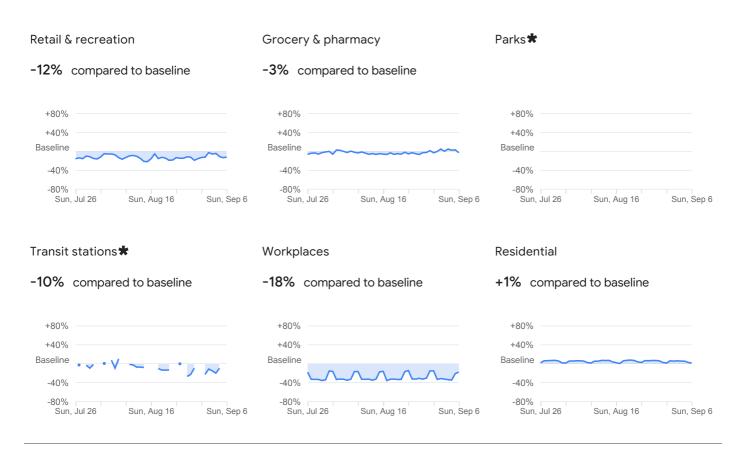
-80%

Sun, Jul 26

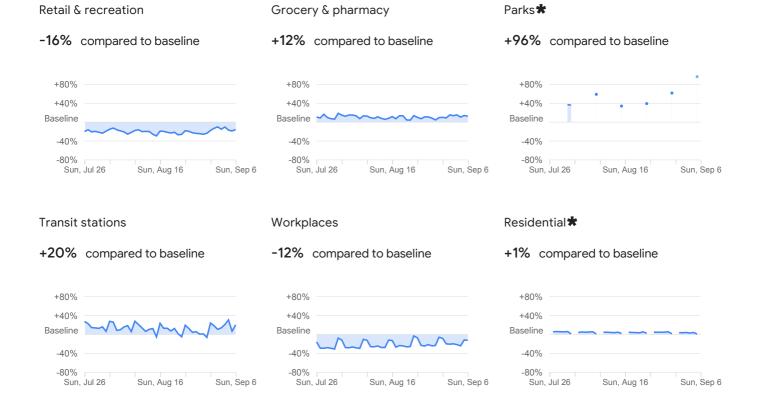


Sun, Aug 16

Sutter County

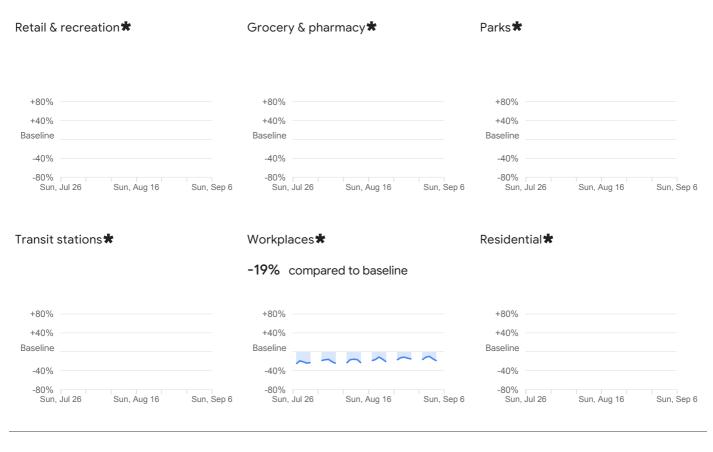


Tehama County

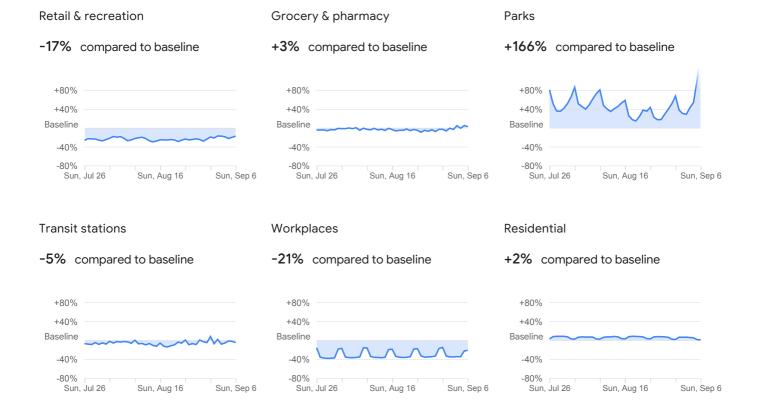


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Trinity County

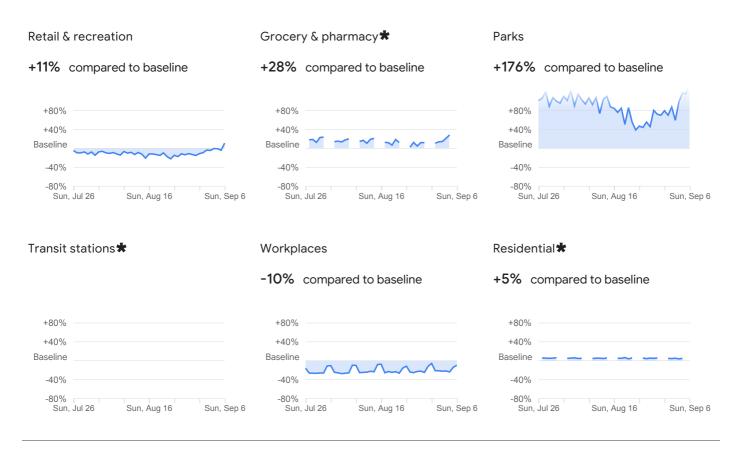


Tulare County

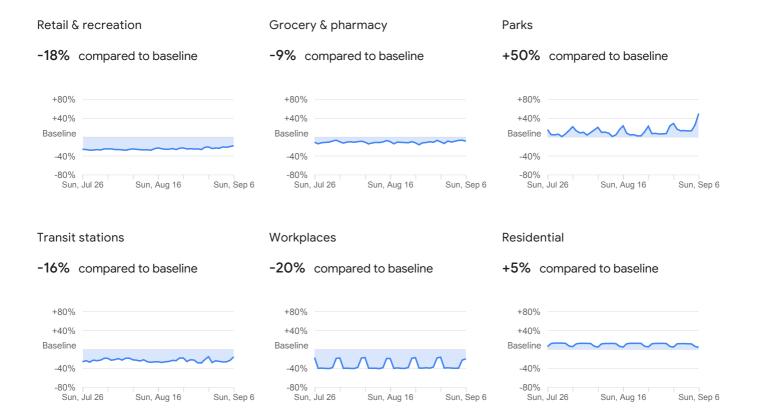


^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Tuolumne County

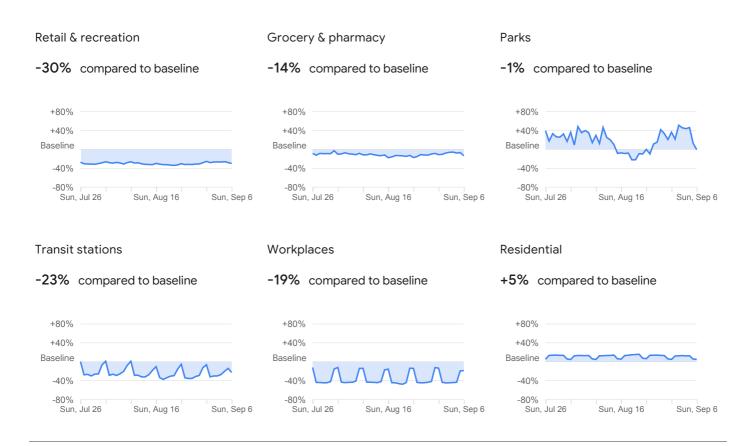


Ventura County

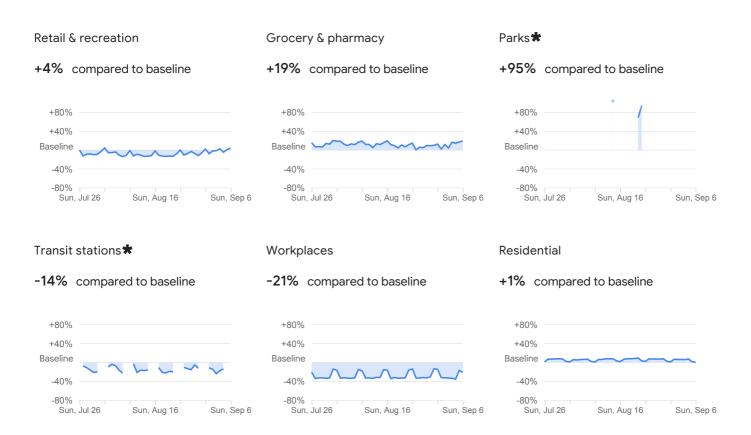


^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

Yolo County



Yuba County



^{*} The data doesn't meet quality and privacy thresholds for every day in the chart.

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.

We continue to improve our reports as places close and reopen. We updated the way we calculate changes for *Groceries & pharmacy*, *Retail & recreation*, *Transit stations*, and *Parks* categories. For regions published before May 2020, the data may contain a consistent shift either up or down that starts between April 11–18, 2020.

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 worldclass 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