

Michigan June 12, 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.

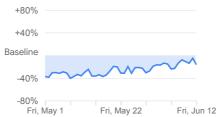
Location accuracy and the understanding of categorized places varies from region to region, so we don't recommend using this data to compare changes between countries, or between regions with different characteristics (e.g. rural versus urban areas).

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

-16%

compared to baseline



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

Grocery & pharmacy

-3%

compared to baseline



Baseline

-40%

-80%

Fri. May 1

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

Parks

+173%

compared to baseline



Fri. May 22

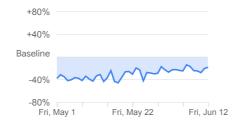
Fri. Jun 12

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

Transit stations

-18%

compared to baseline



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

Workplaces

-37%

compared to baseline



Mobility trends for places of work.

Residential

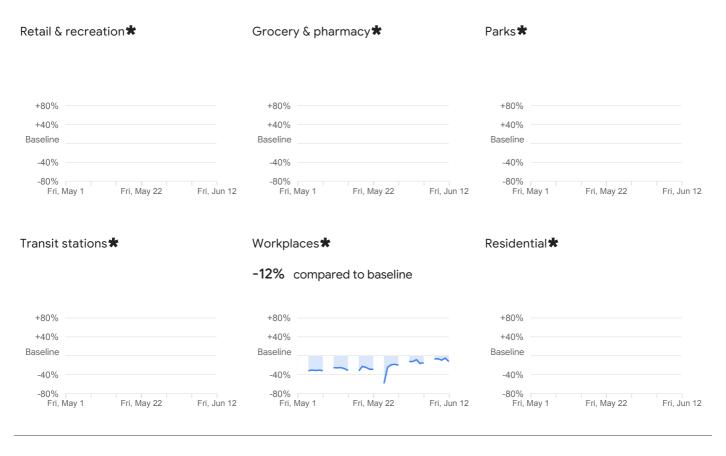
+11%

compared to baseline

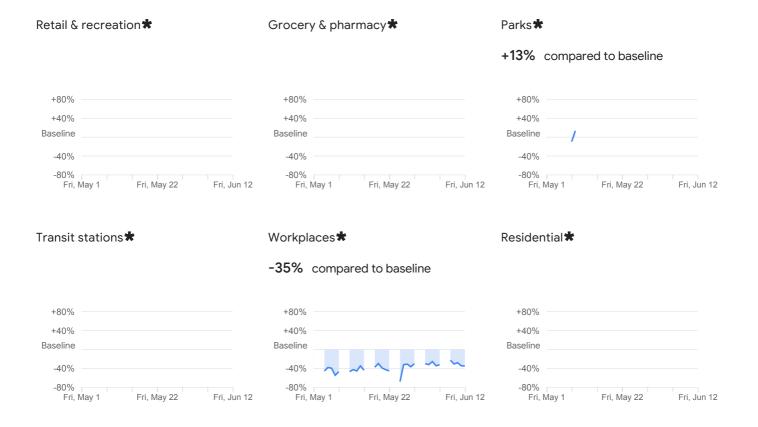


Mobility trends for places of residence.

Alcona County

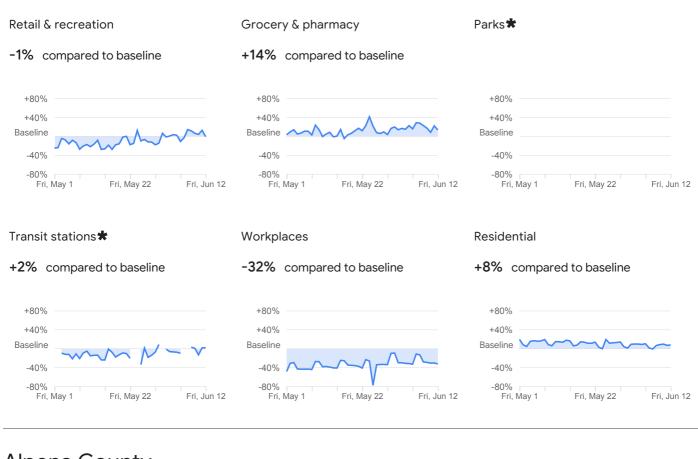


Alger County

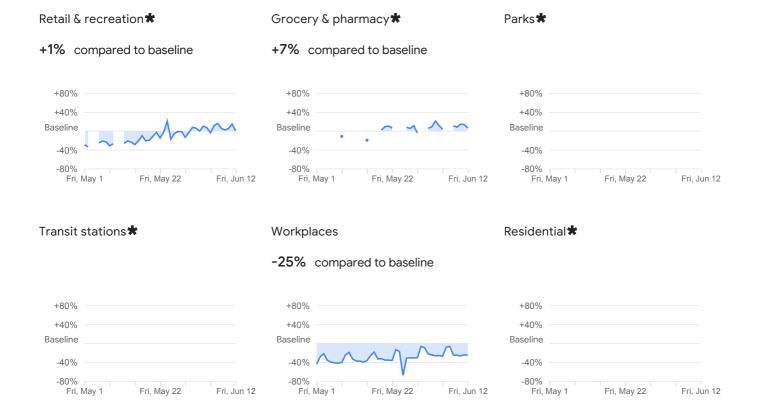


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Allegan County

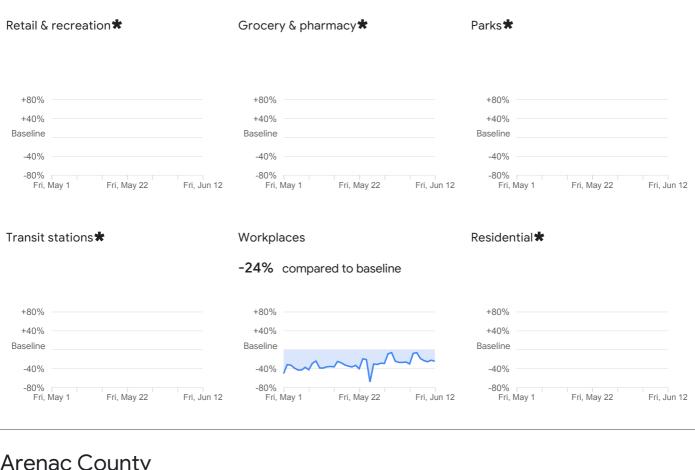


Alpena County

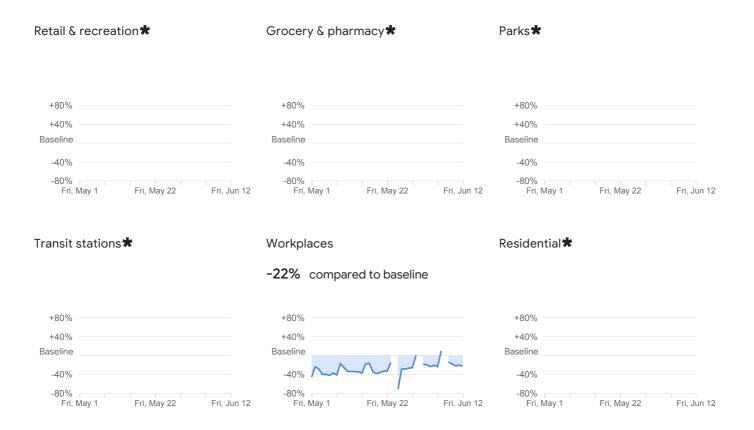


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Antrim County

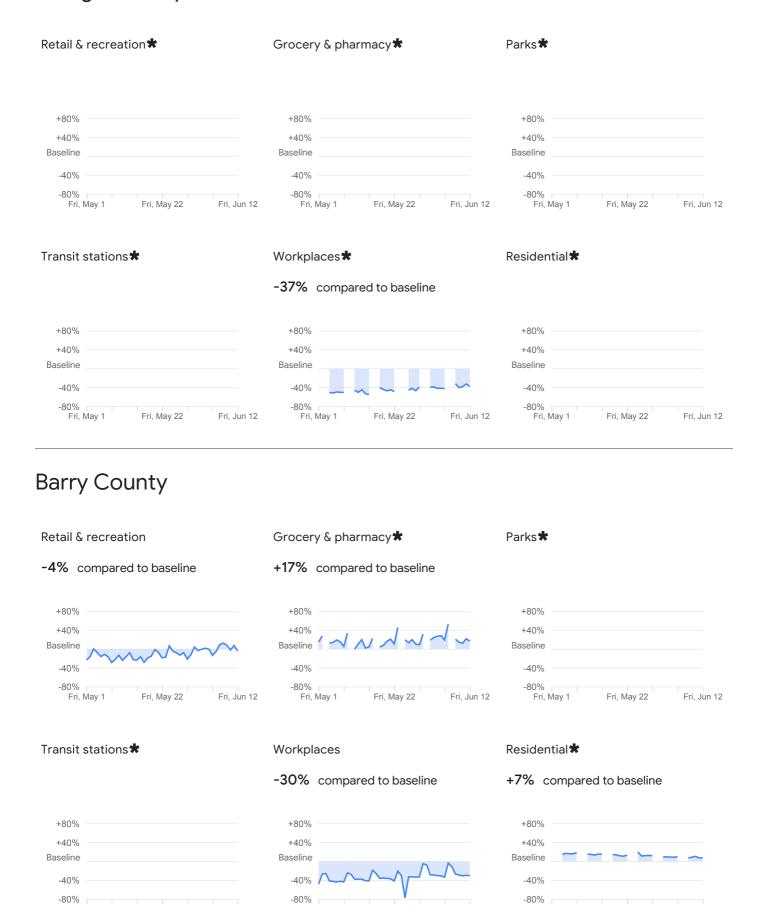


Arenac County



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Baraga County



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Fri, May 22

Fri. Jun 12

Fri, May 1

Fri, May 22

Fri. May 1

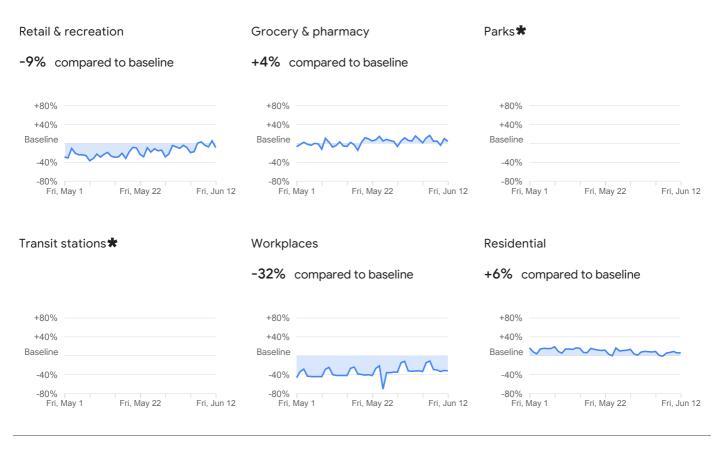
Fri, Jun 12

Fri, May 22

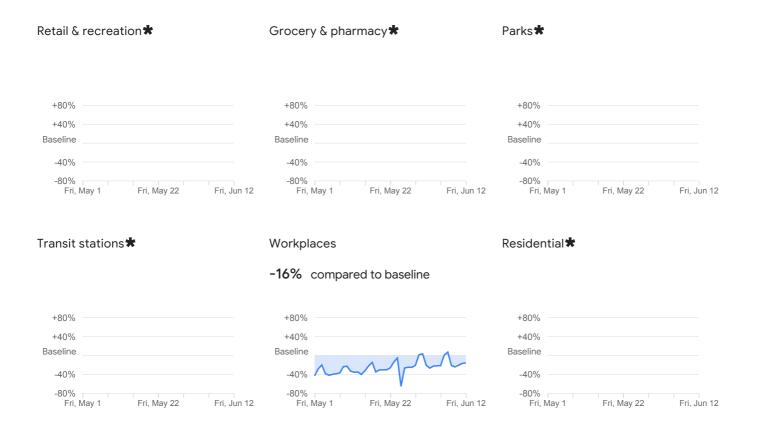
Fri. May 1

Fri, Jun 12

Bay County

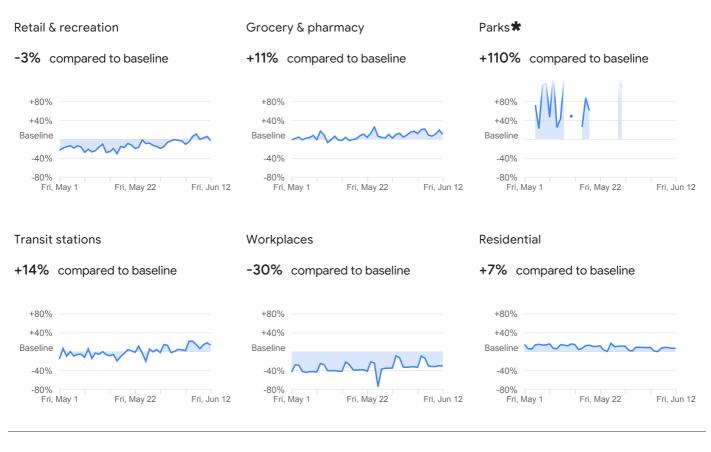


Benzie County

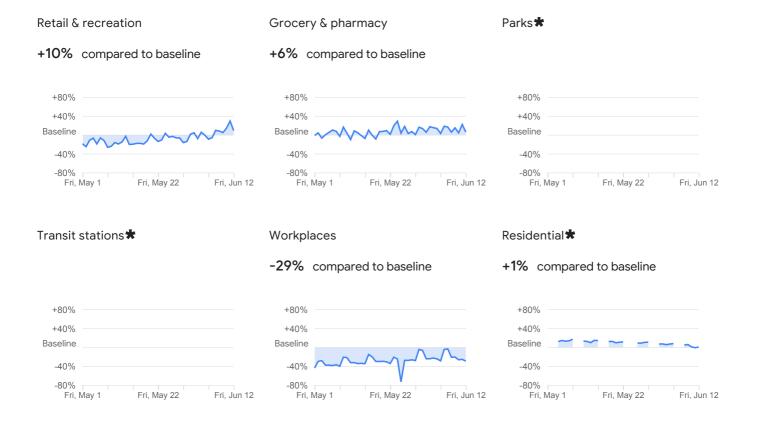


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Berrien County

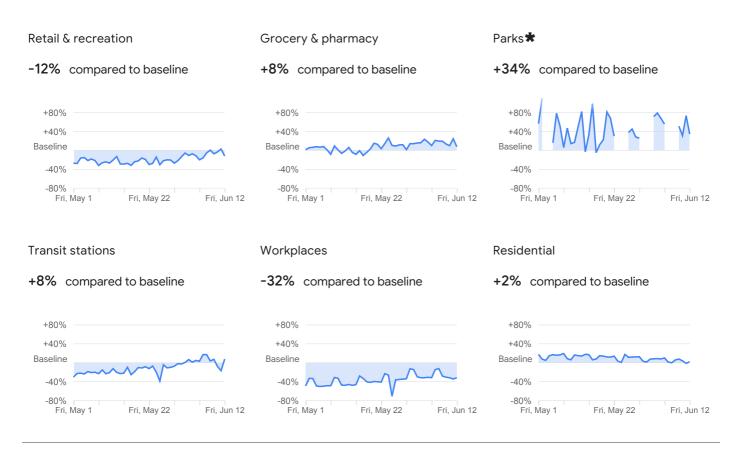


Branch County

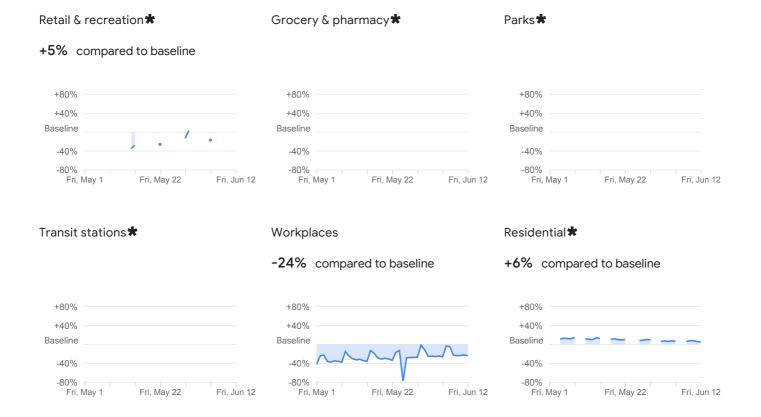


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Calhoun County

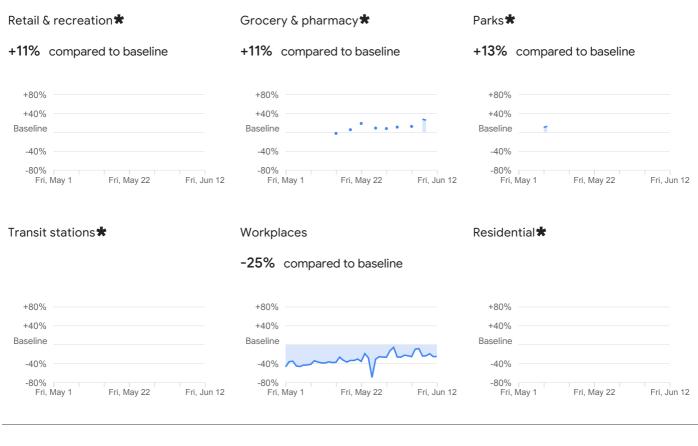


Cass County

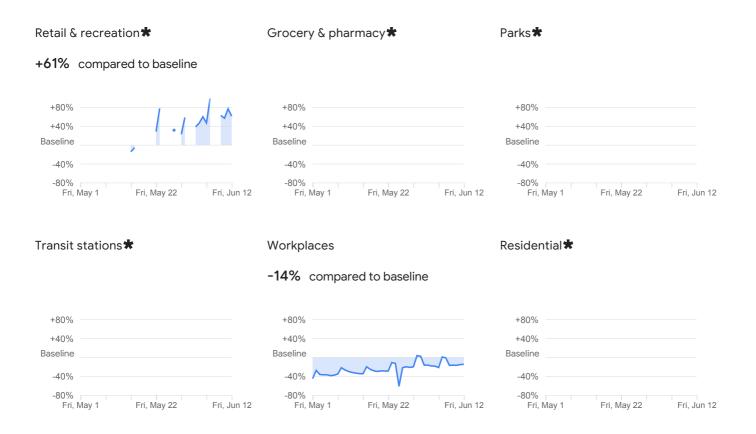


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Charlevoix County

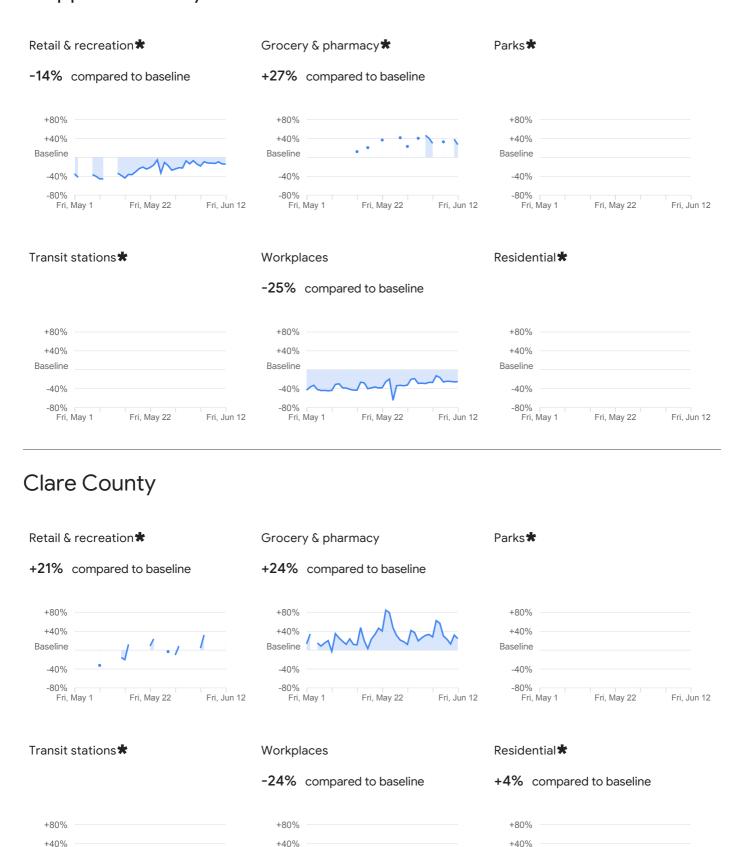


Cheboygan County



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Chippewa County



Fri. May 22

Baseline

-40%

-80%

Fri. Jun 12

Fri, May 1

Fri, May 22

Fri, Jun 12

Baseline

-40%

-80%

Fri, May 1

Fri, Jun 12

Baseline

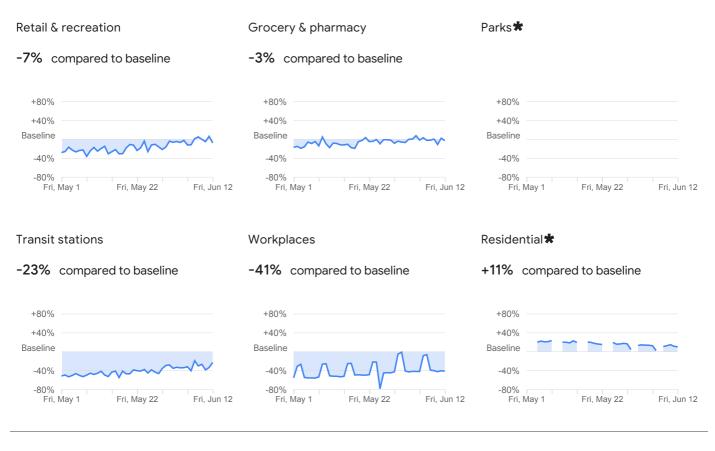
-40% -80%

Fri. May 1

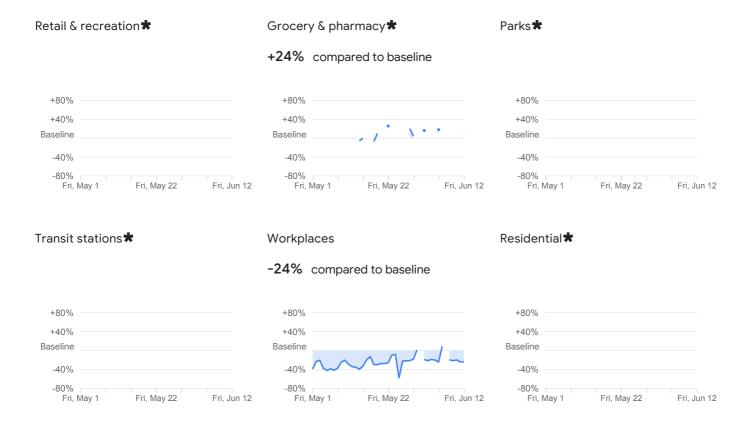
Fri, May 22

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Clinton County

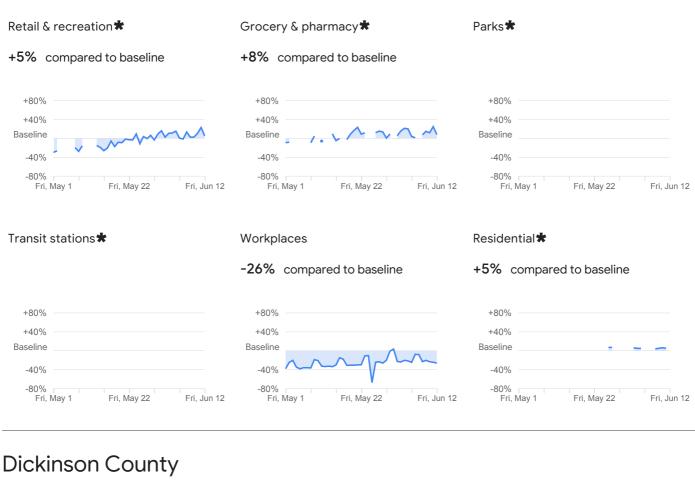


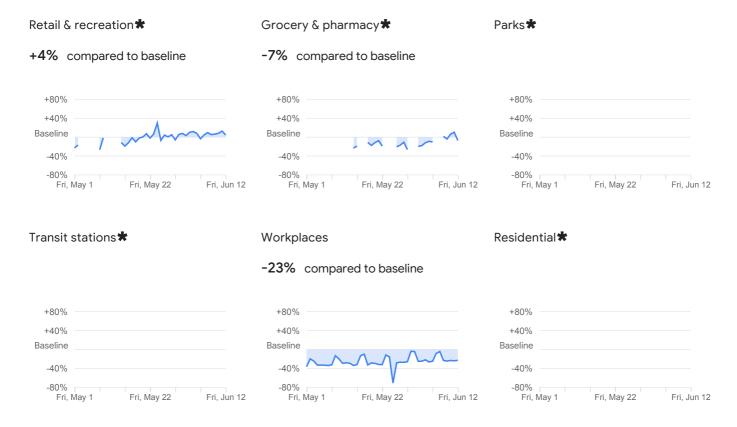
Crawford County



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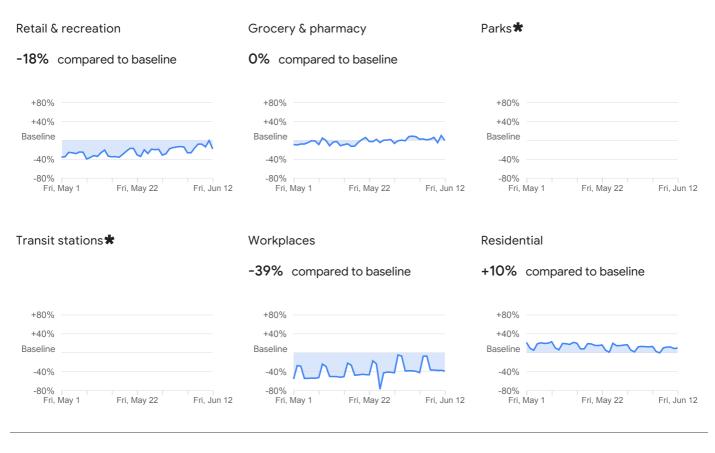
Delta County



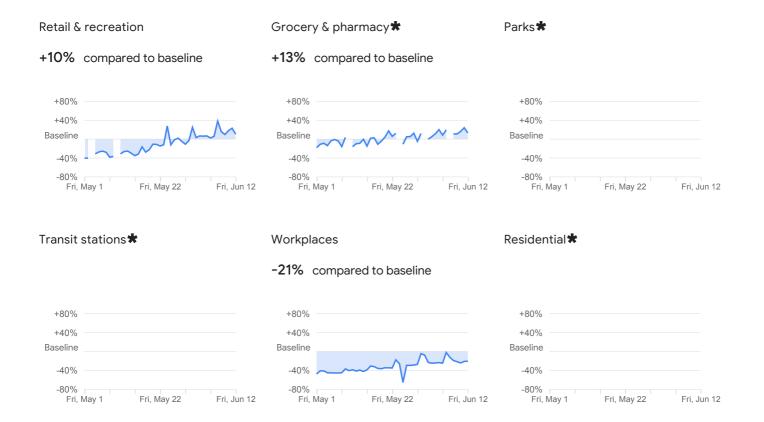


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Eaton County

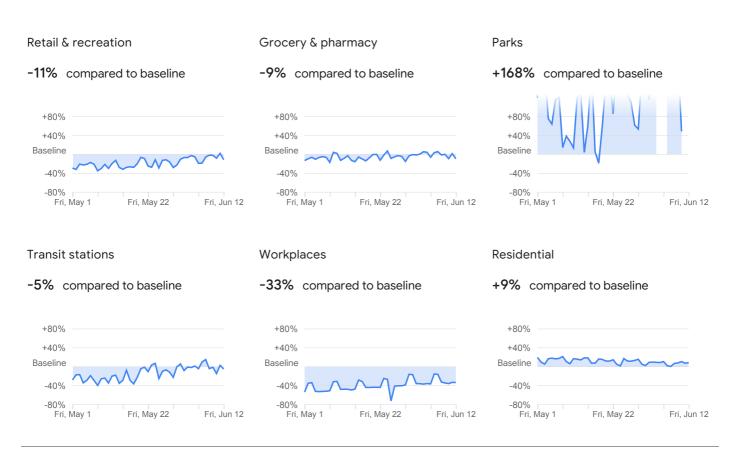


Emmet County

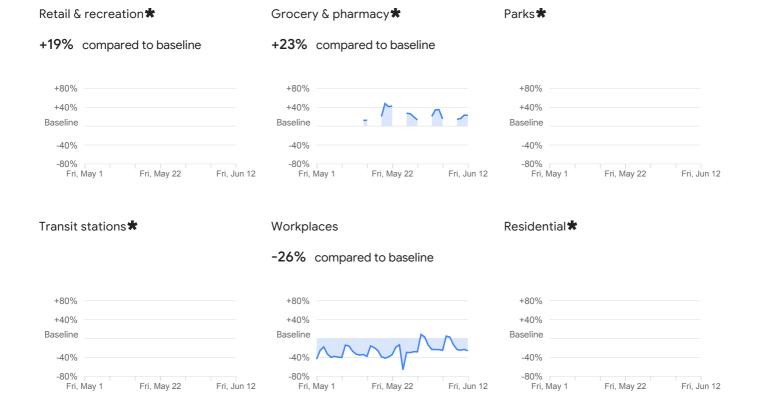


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Genesee County

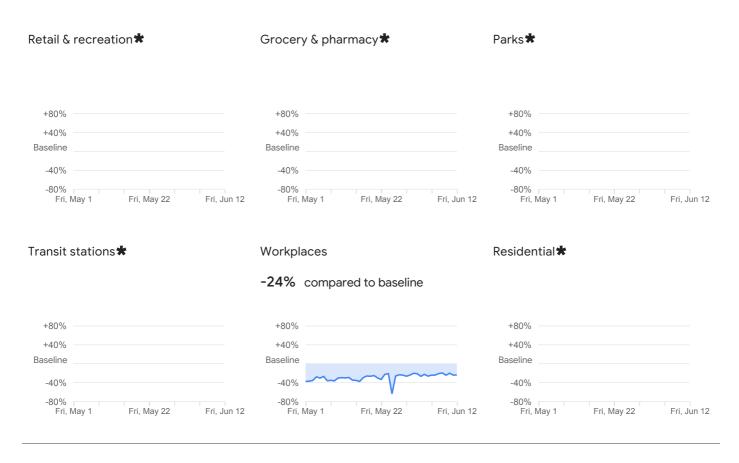


Gladwin County

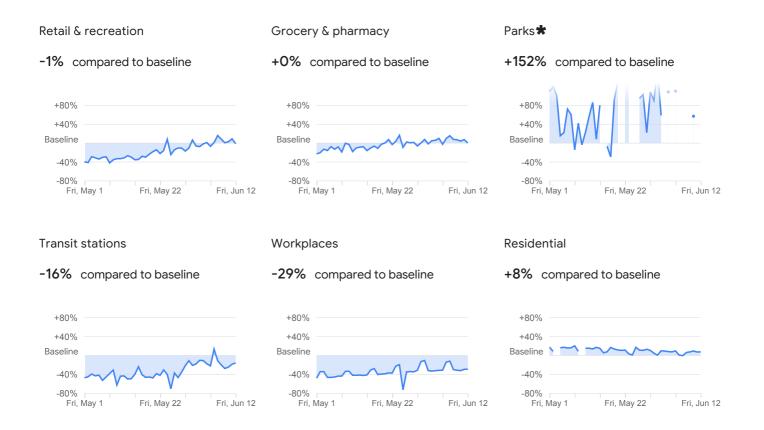


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Gogebic County

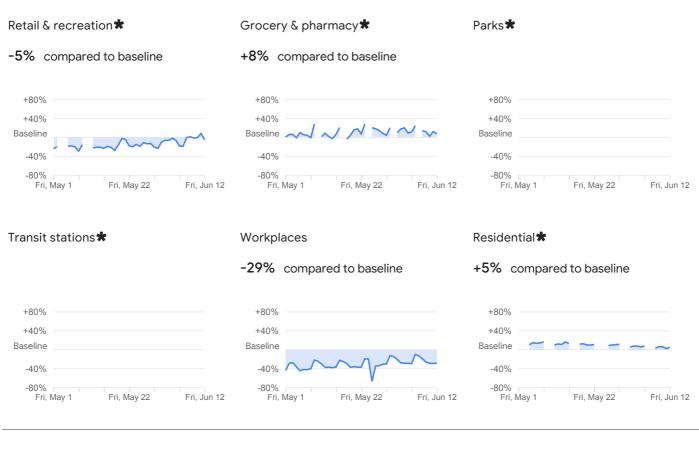


Grand Traverse County

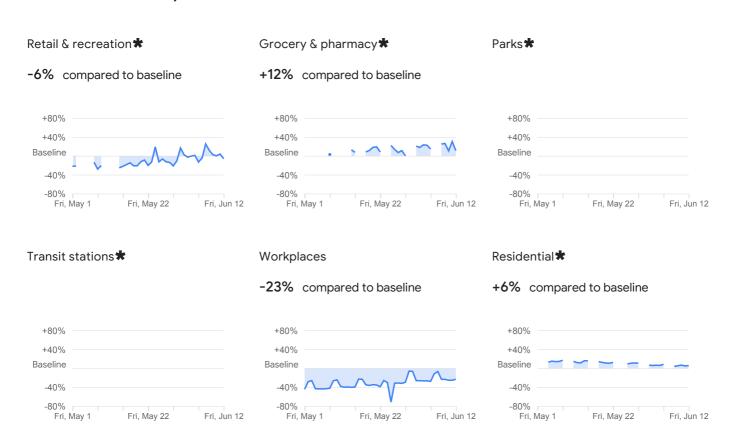


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Gratiot County

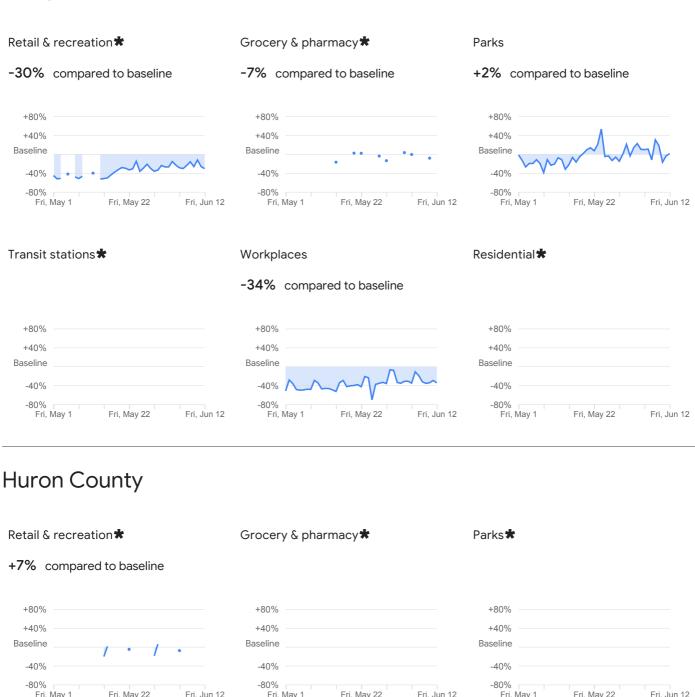


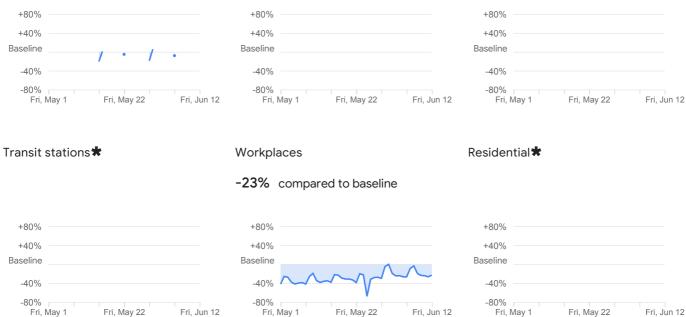
Hillsdale County



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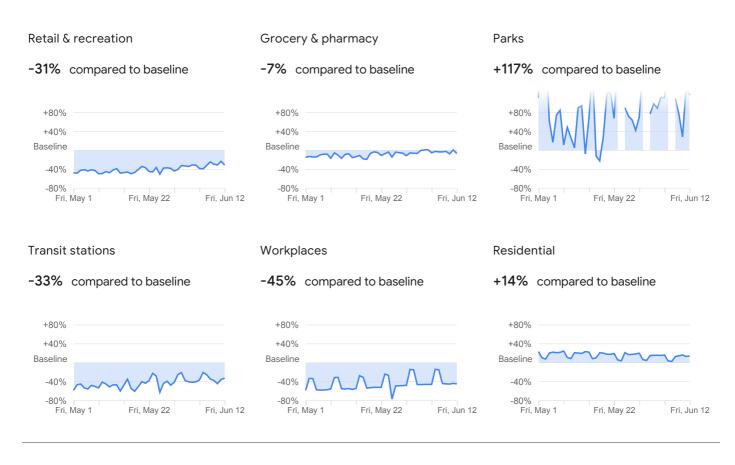
Houghton County



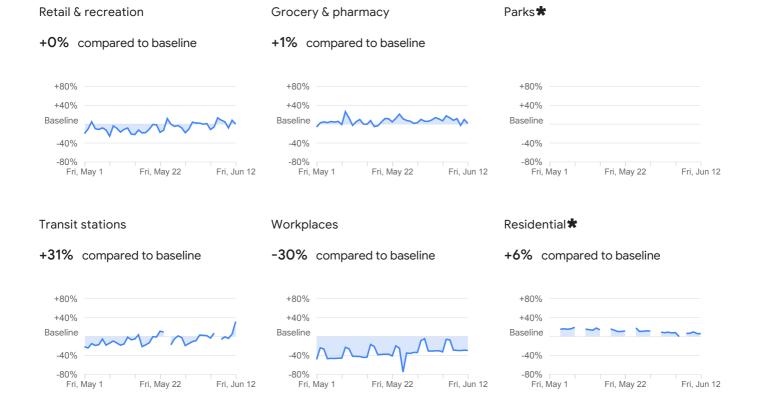


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Ingham County



Ionia County



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losco County

Fri, May 1

Transit stations*

+80%

+40%

Fri, May 22

Fri, Jun 12

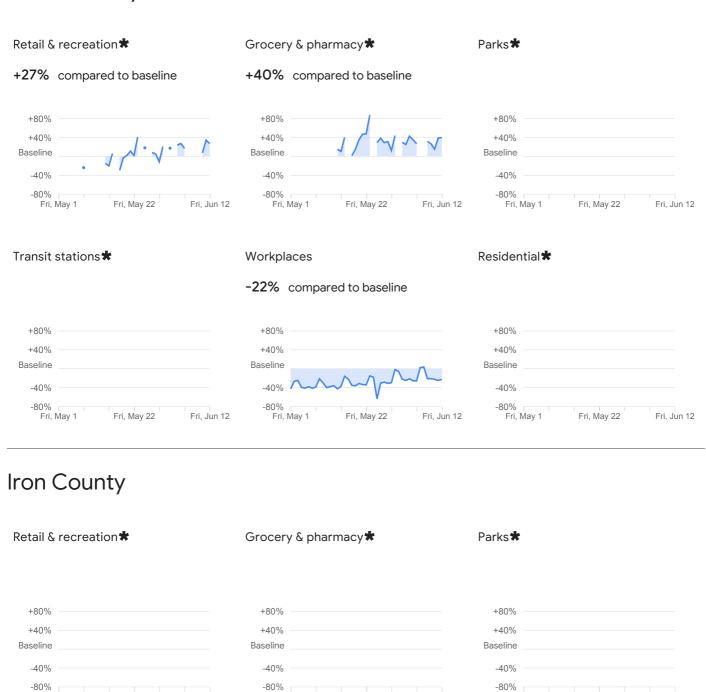
Fri, May 1

Workplaces*

+80%

+40%

-20% compared to baseline





Fri. May 22

Fri. Jun 12

Fri. May 1

Residential*

+80%

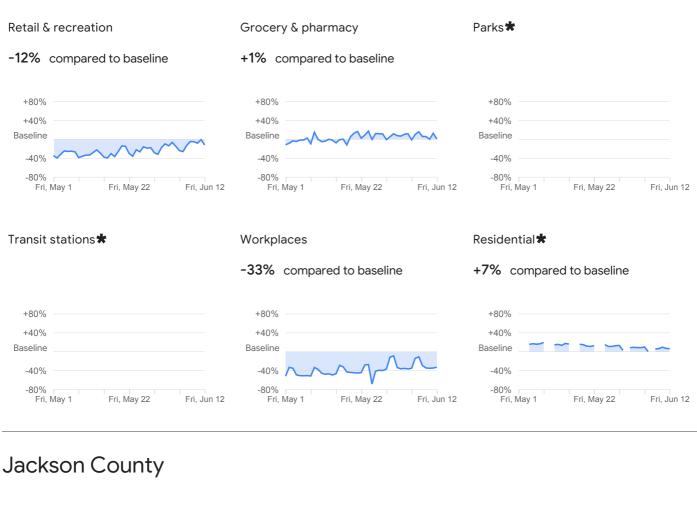
+40%

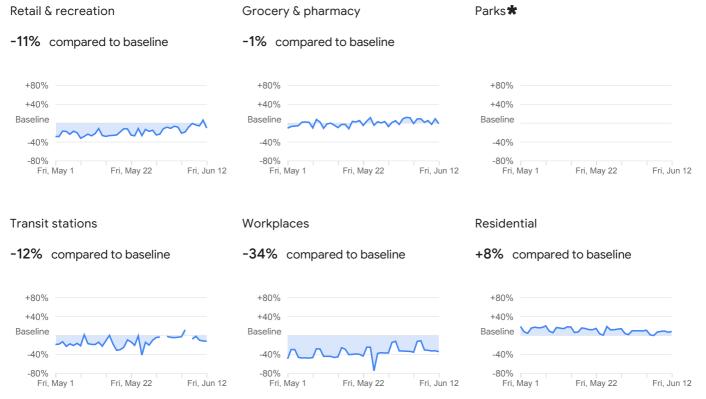
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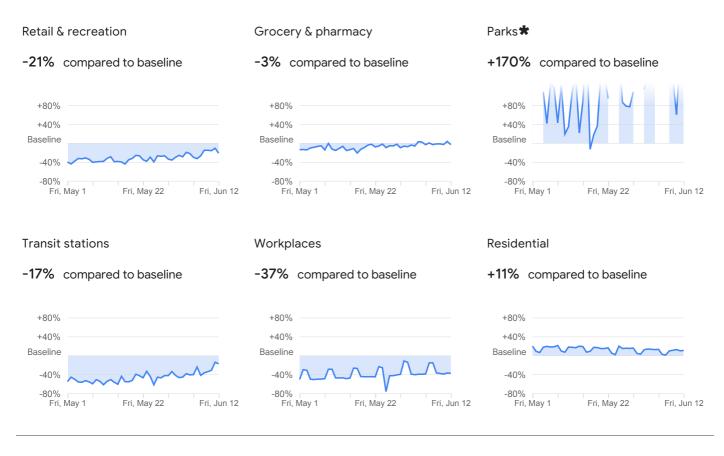
Isabella County



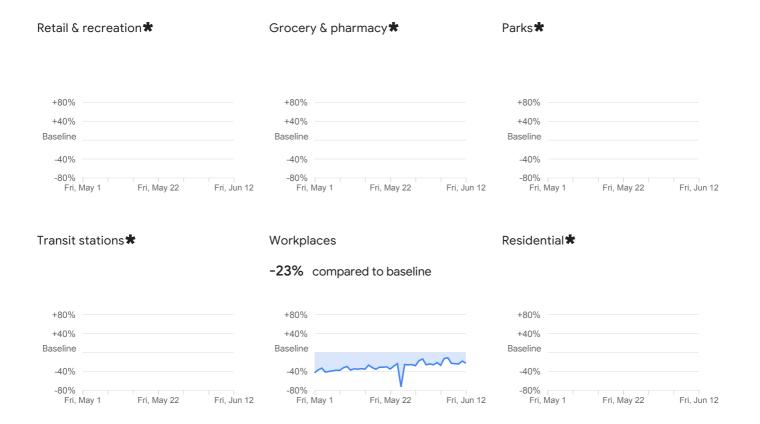


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Kalamazoo County

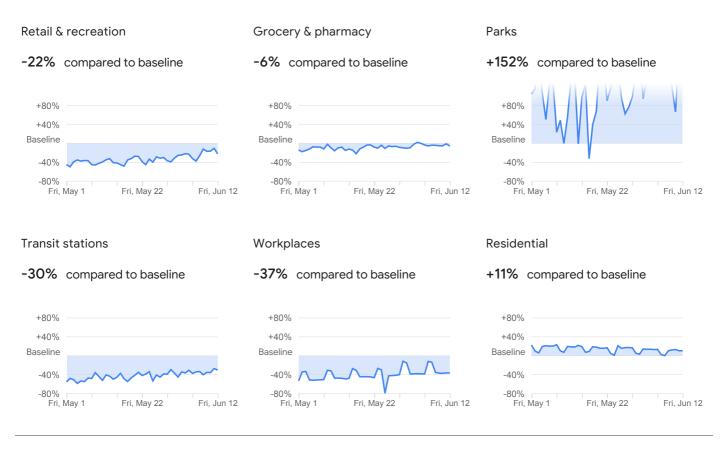


Kalkaska County

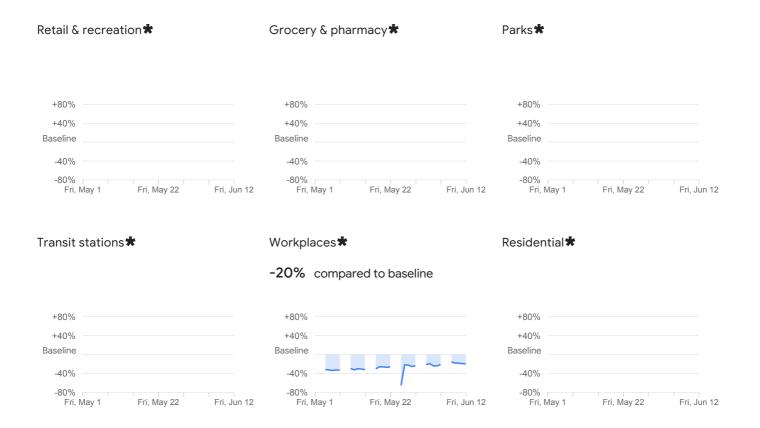


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Kent County

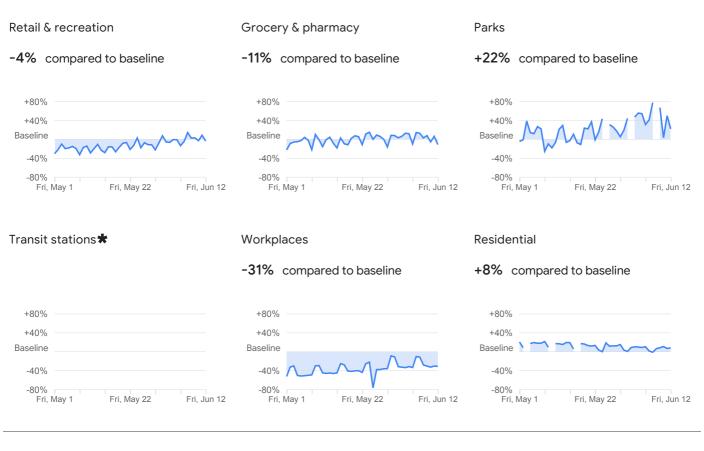


Lake County

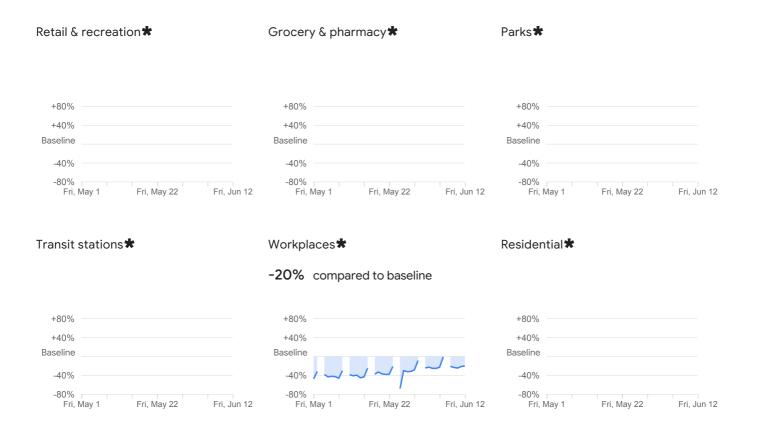


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Lapeer County

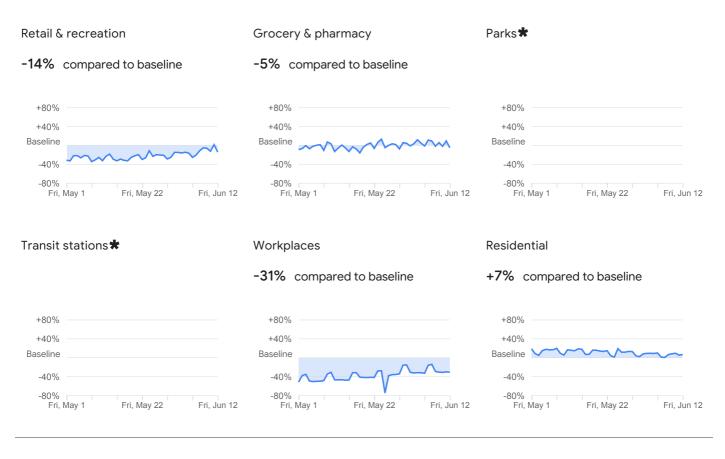


Leelanau County

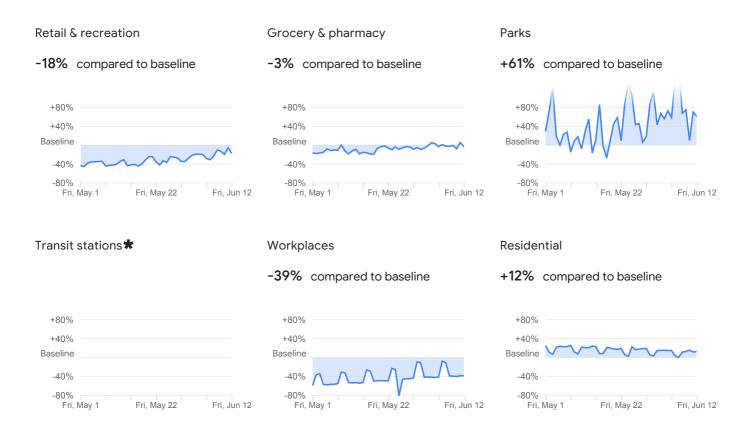


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Lenawee County

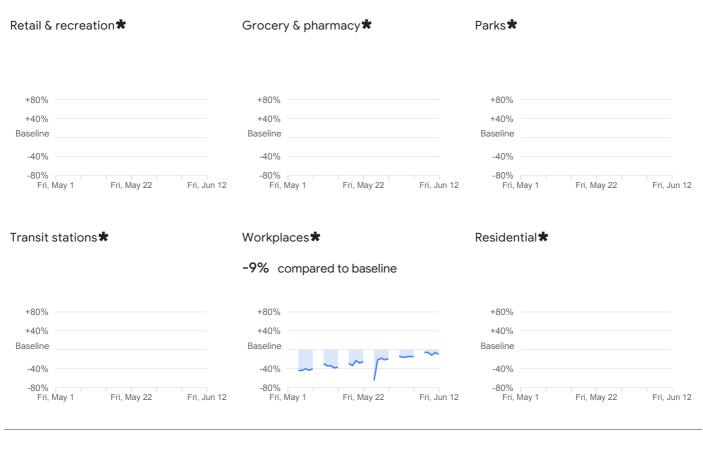


Livingston County

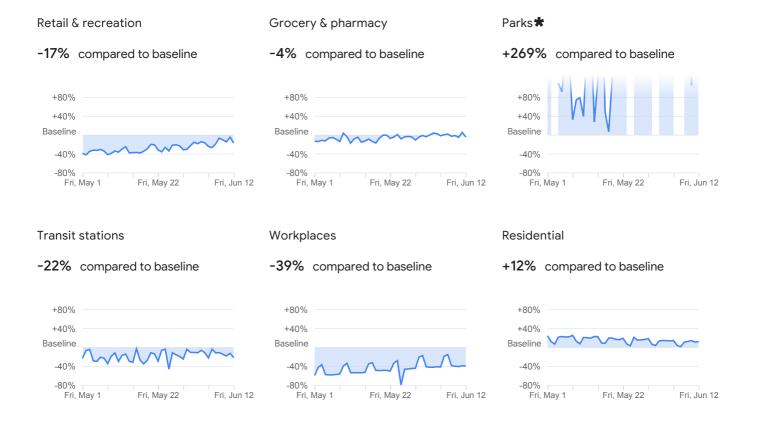


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Mackinac County



Macomb County



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Manistee County

+40%

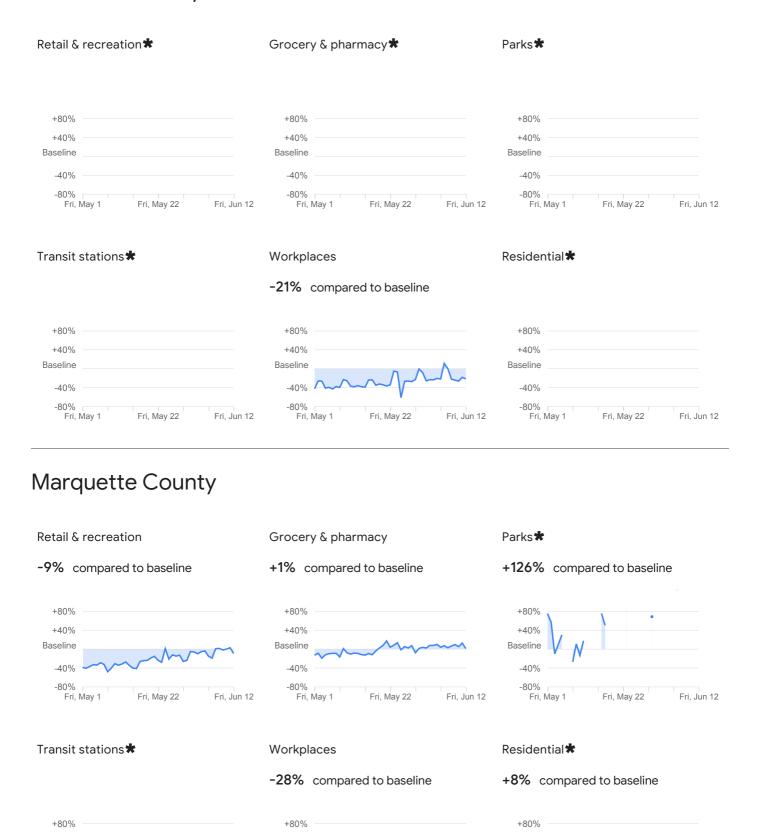
-40%

-80%

Fri. May 1

Fri, May 22

Baseline



Fri, May 22

+40% Baseline

-40%

-80%

Fri. May 1

Fri. Jun 12

Fri, May 22

Fri, Jun 12

+40%

-40%

-80%

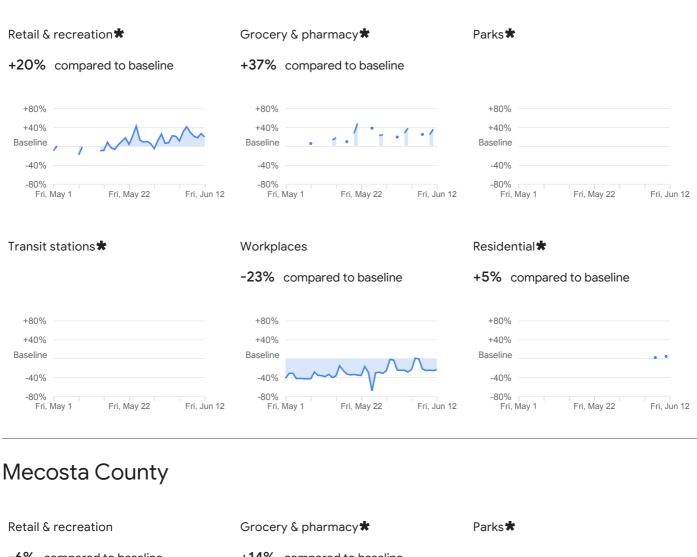
Fri. May 1

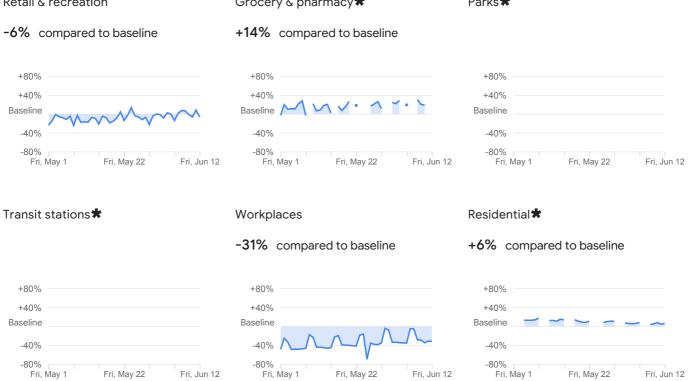
Fri. Jun 12

Baseline

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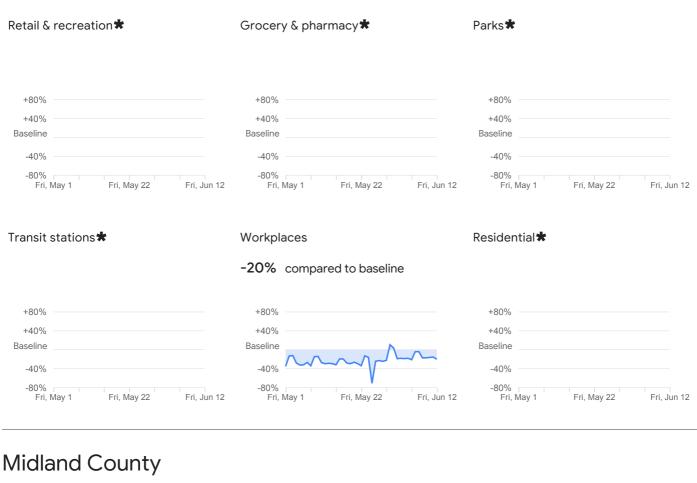
Mason County

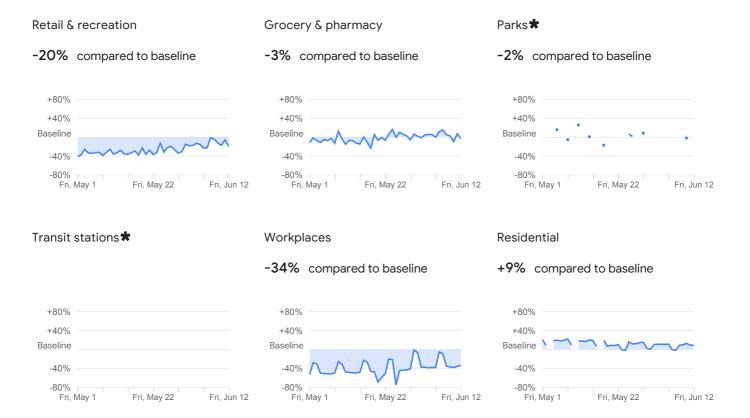




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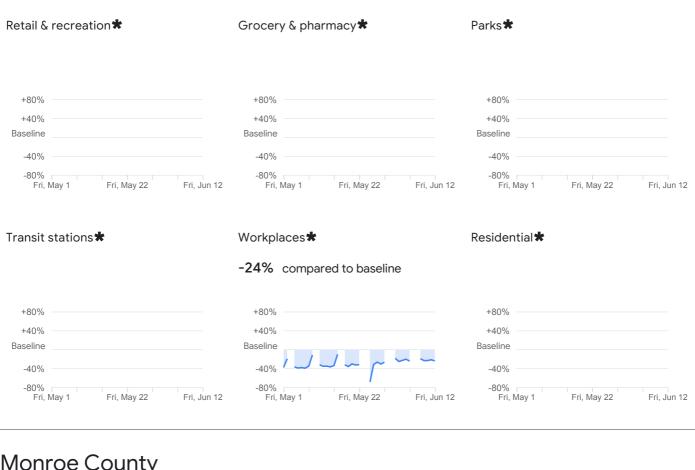
Menominee County



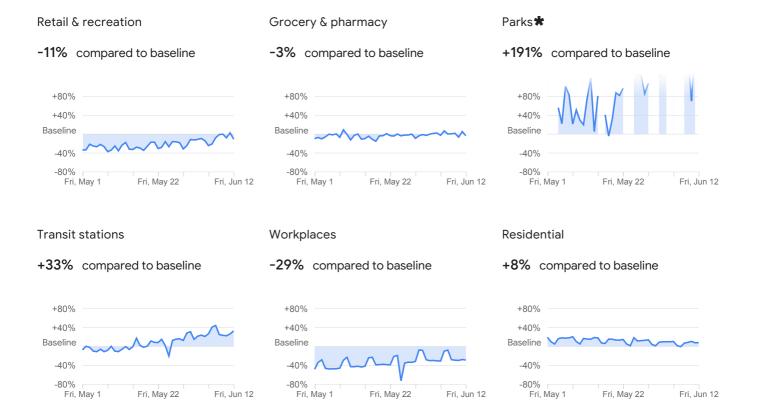


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Missaukee County

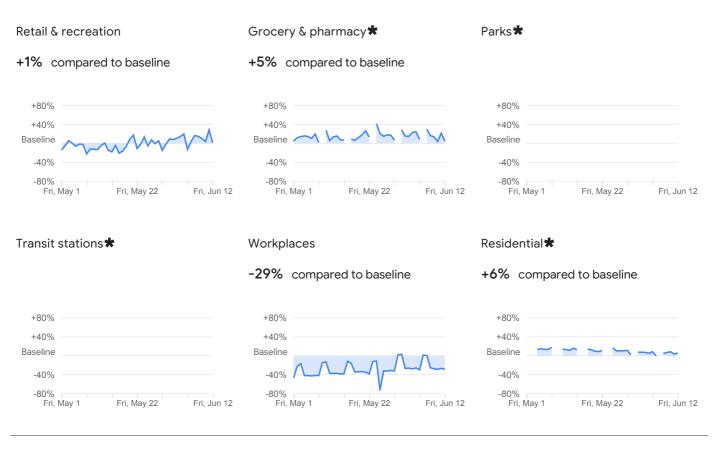


Monroe County

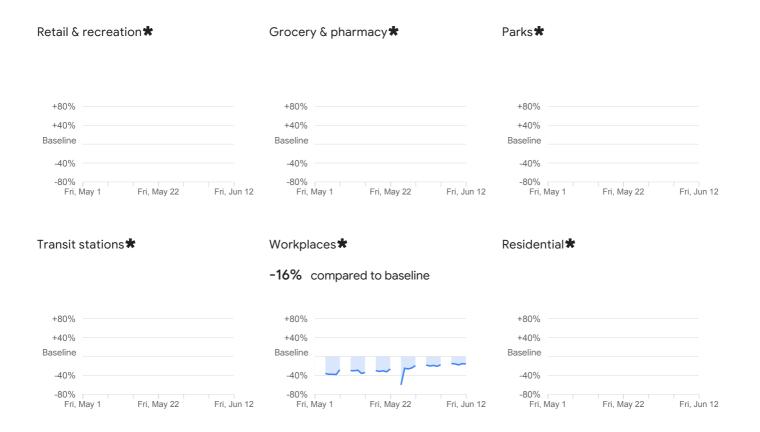


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Montcalm County

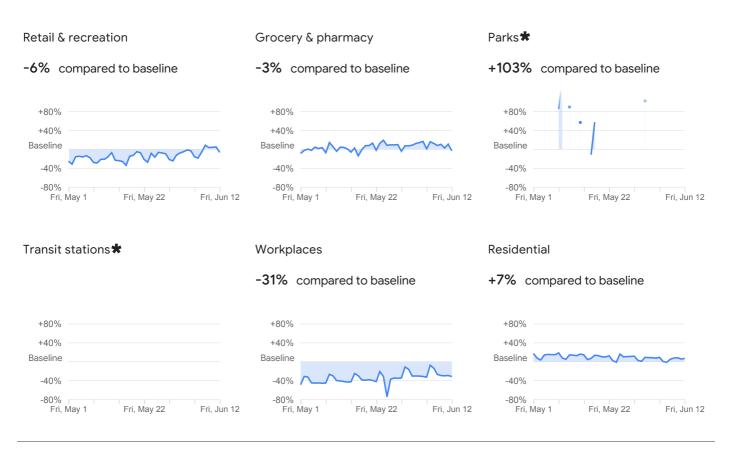


Montmorency County

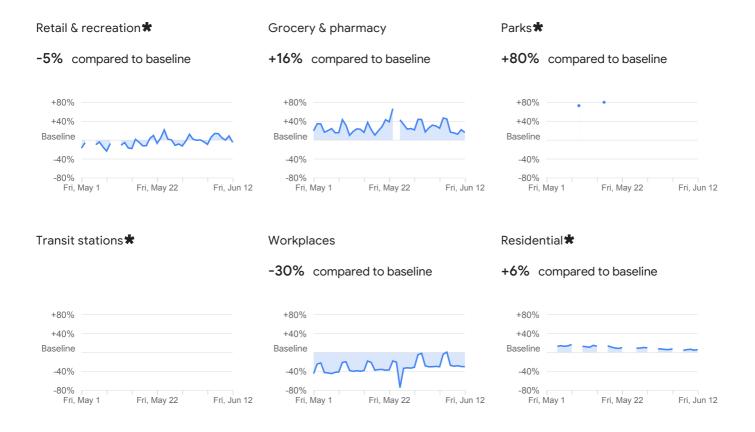


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Muskegon County

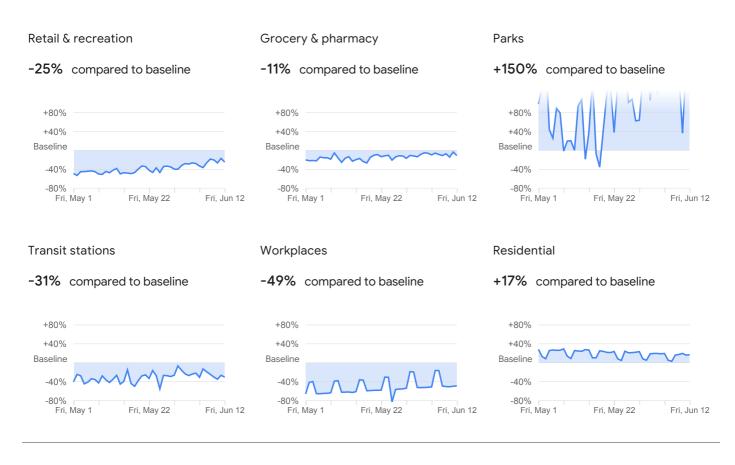


Newaygo County

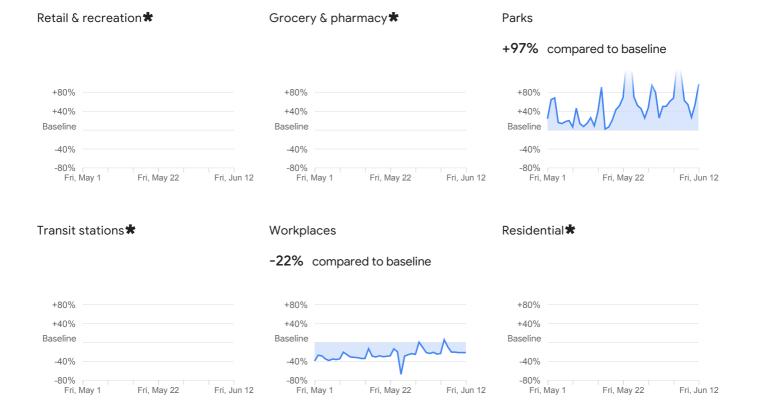


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Oakland County

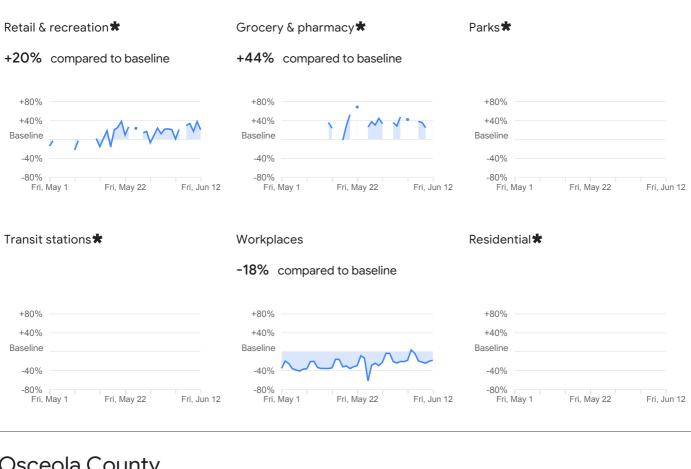


Oceana County

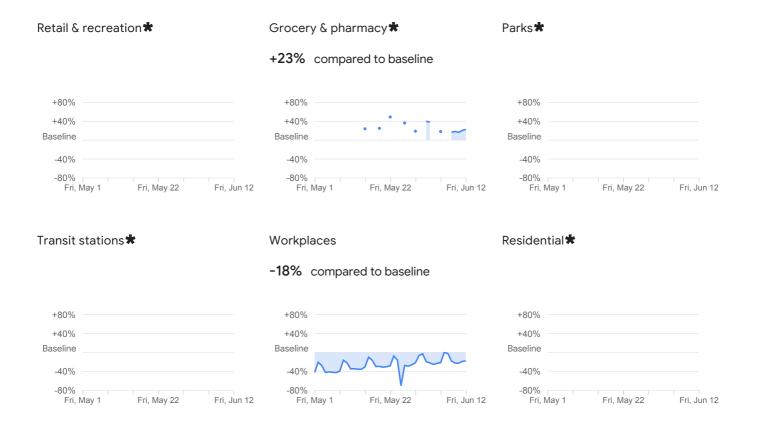


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Ogemaw County



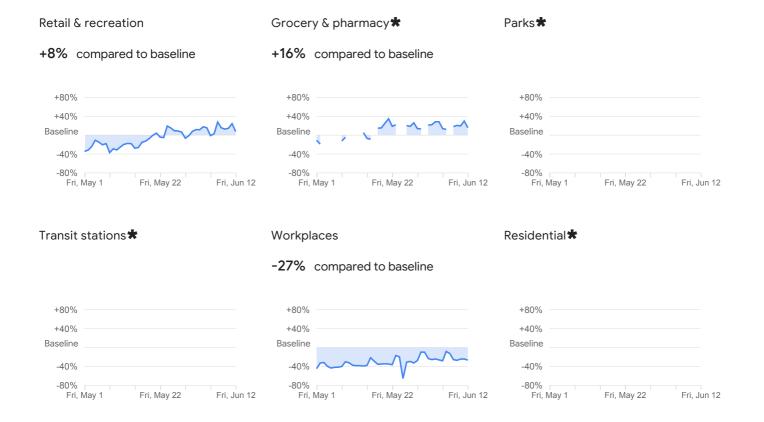
Osceola County



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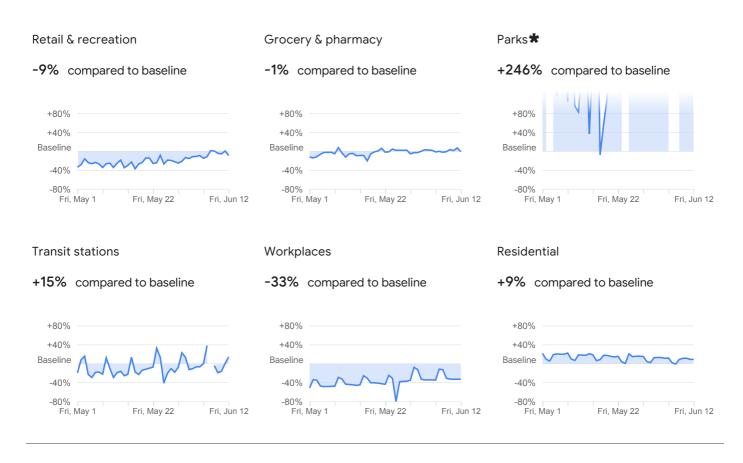
Oscoda County



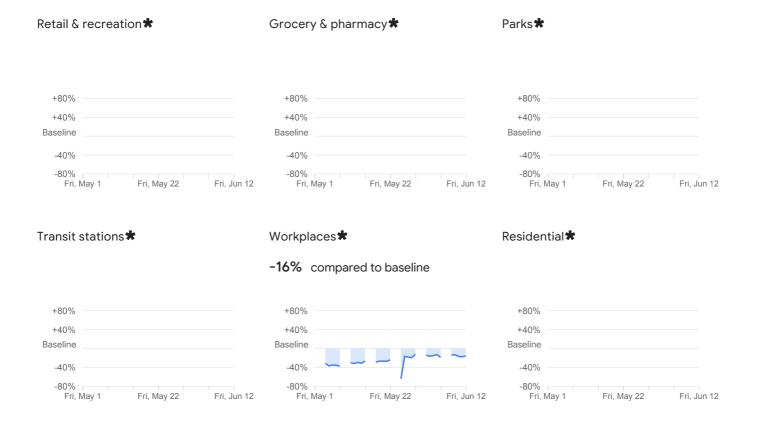


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Ottawa County

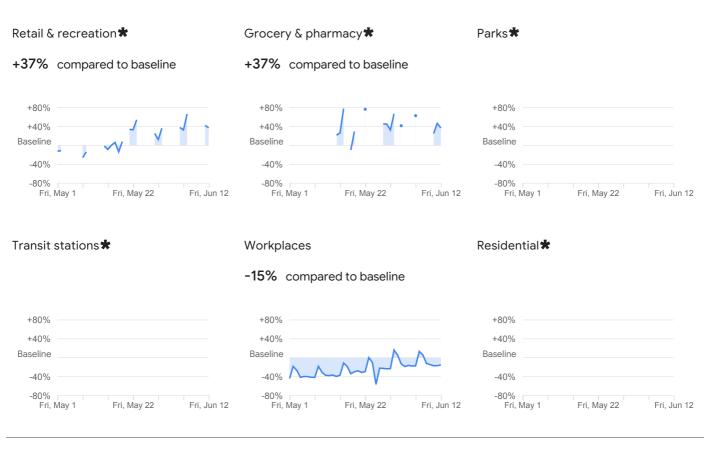


Presque Isle County

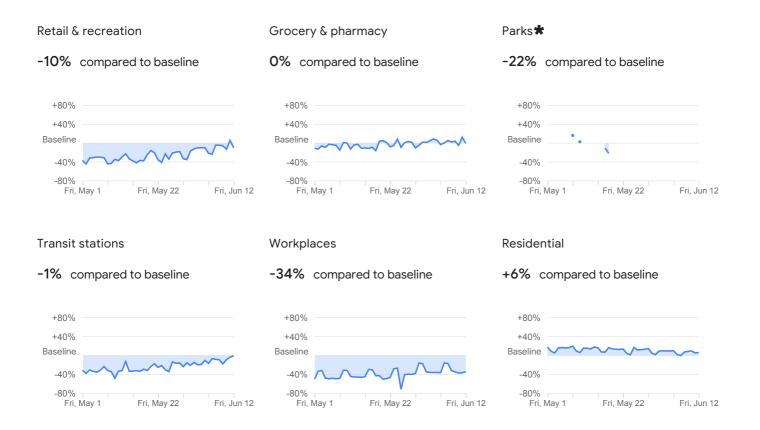


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Roscommon County

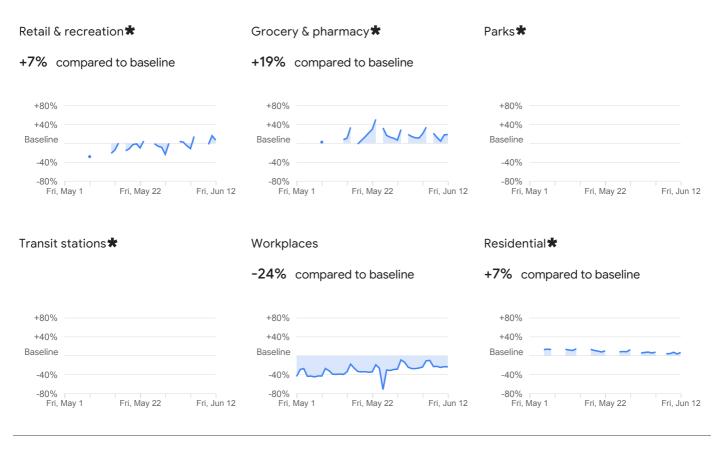


Saginaw County

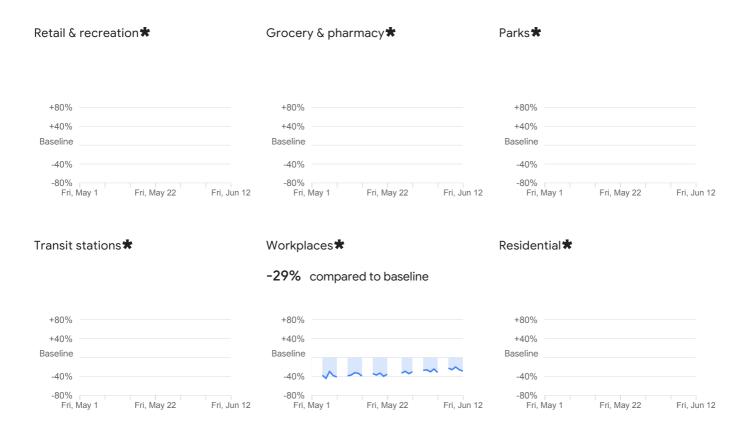


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Sanilac County

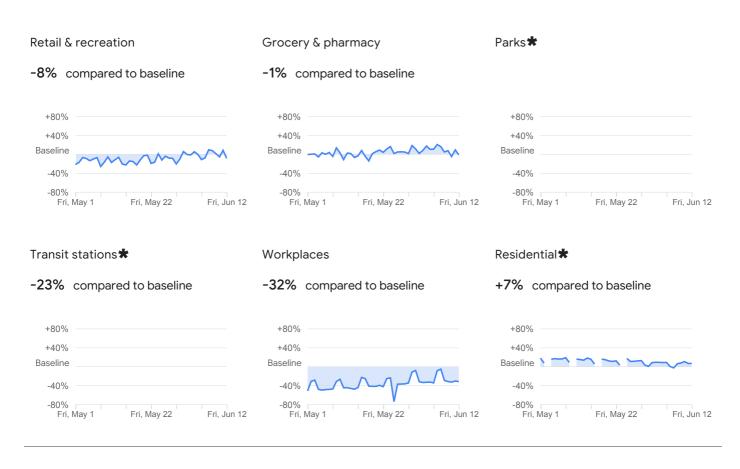


Schoolcraft County

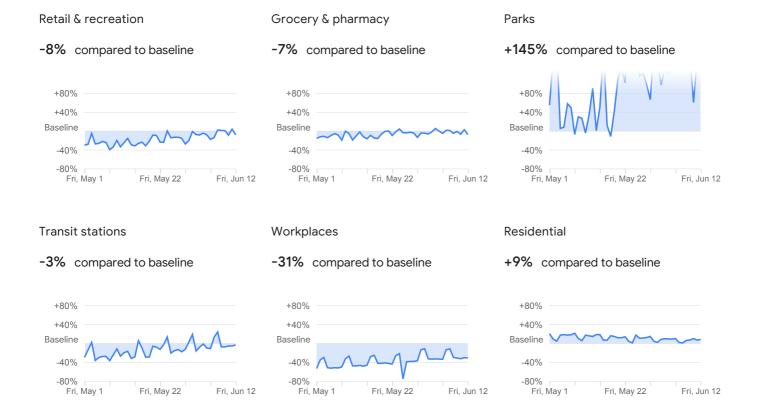


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Shiawassee County

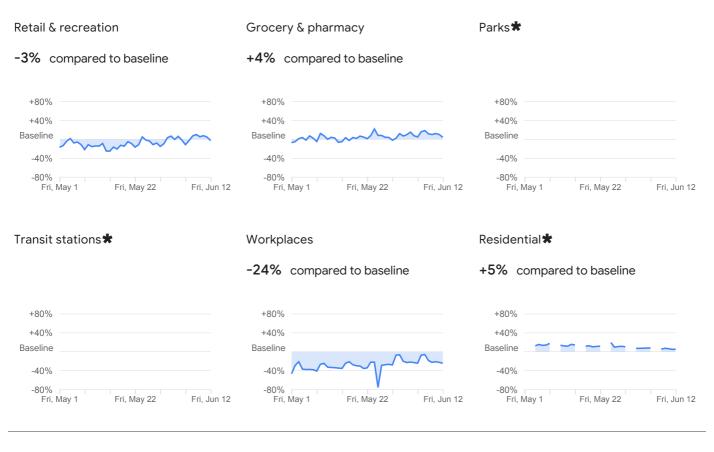


St. Clair County

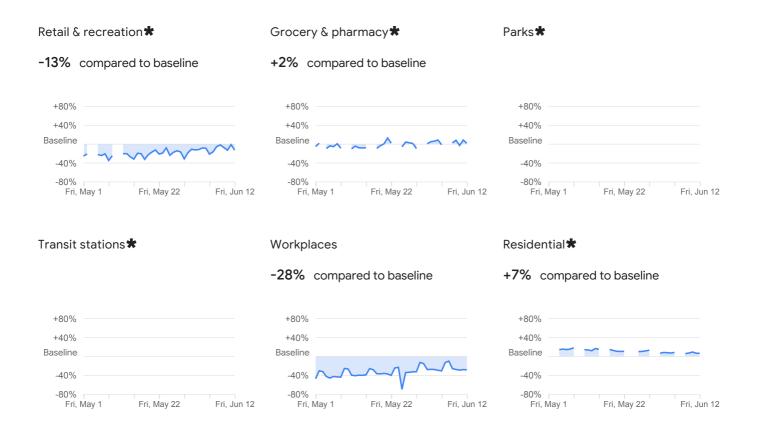


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St. Joseph County

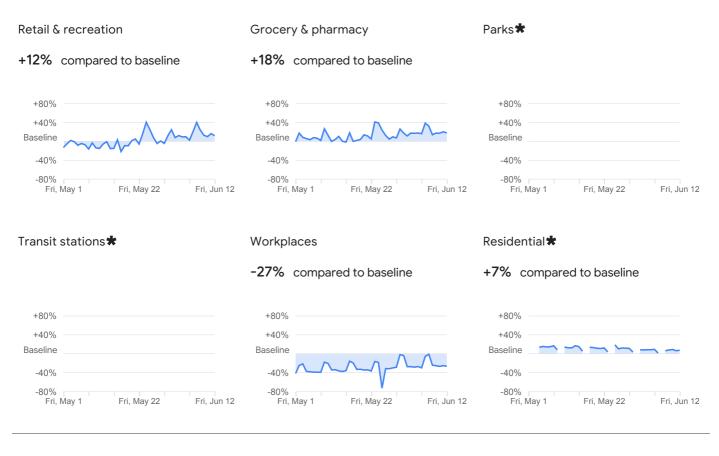


Tuscola County

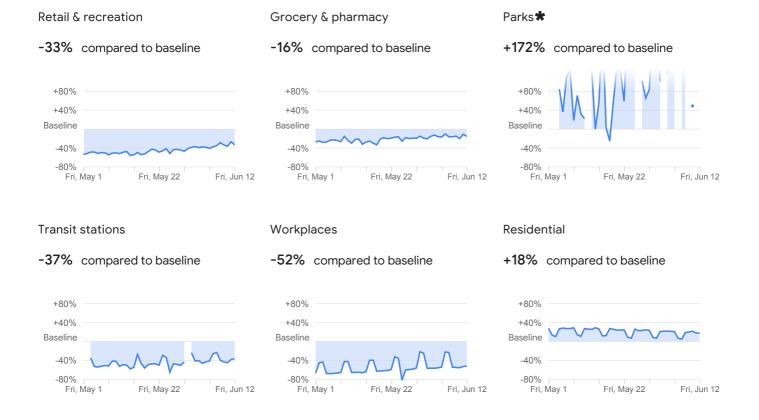


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Van Buren County

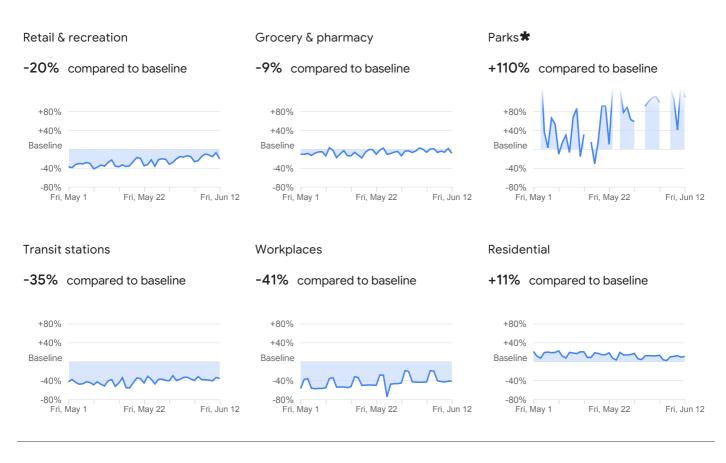


Washtenaw County

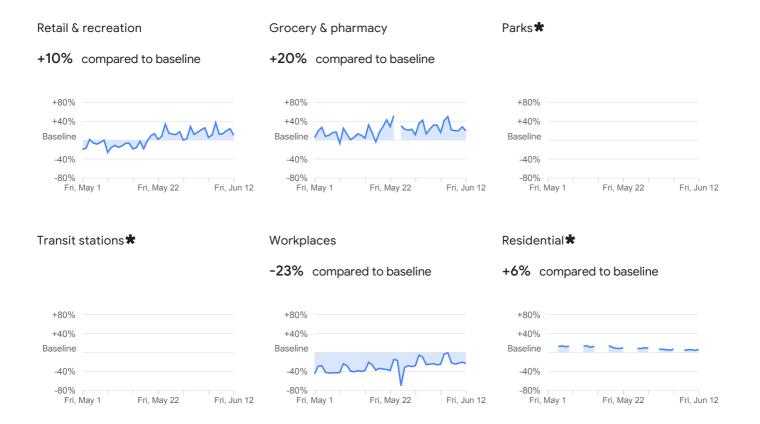


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Wayne County



Wexford County



^{*} **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