

Iowa March 29, 2020

Mobility changes

Google prepared this report to help you and public health officials understand responses to social distancing guidance related to COVID-19. This report 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.

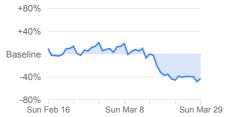
Location accuracy and the understanding of categorized places varies from region to region, so we don't recommend using this data to compare changes between countries, or between regions with different characteristics (e.g. rural versus urban areas).

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

-43%

compared to baseline

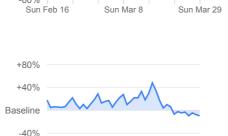


Mobility trends for places like restaurants, cafes, shopping centers, theme parks, museums, libraries, and movie theaters.

Grocery & pharmacy

-10%

compared to baseline

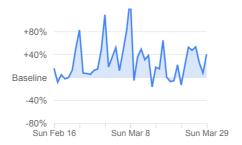


-80% Sun Feb 16 Mobility trends for places like grocery markets, food warehouses, farmers markets, specialty food shops, drug stores, and pharmacies.

Parks

+41%

compared to baseline



Sun Mar 8

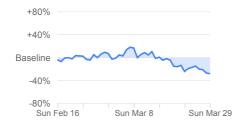
Sun Mar 29

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

Transit stations

-28%

compared to baseline

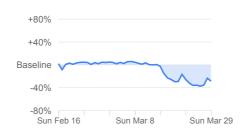


Mobility trends for places like public transport hubs such as subway, bus, and train stations.

Workplaces

-29%

compared to baseline

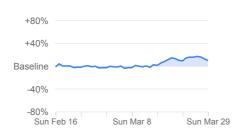


Mobility trends for places of work.

Residential

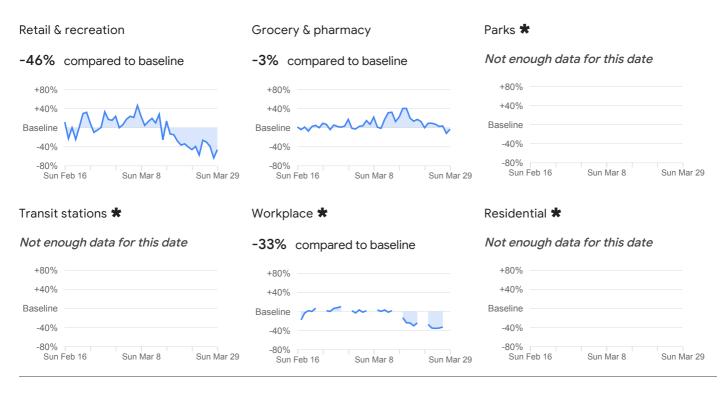
+10%

compared to baseline

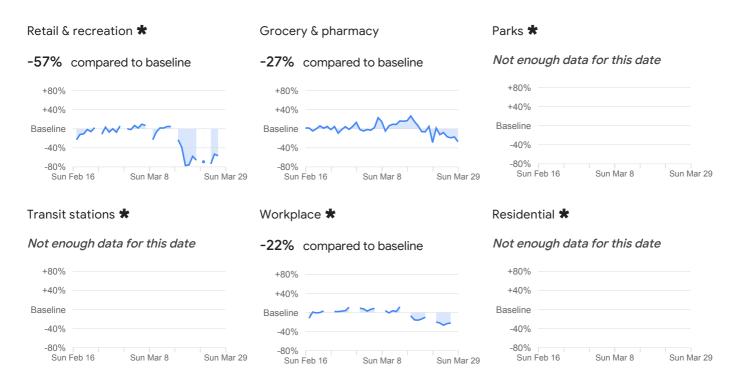


Mobility trends for places of residence.

Adair County

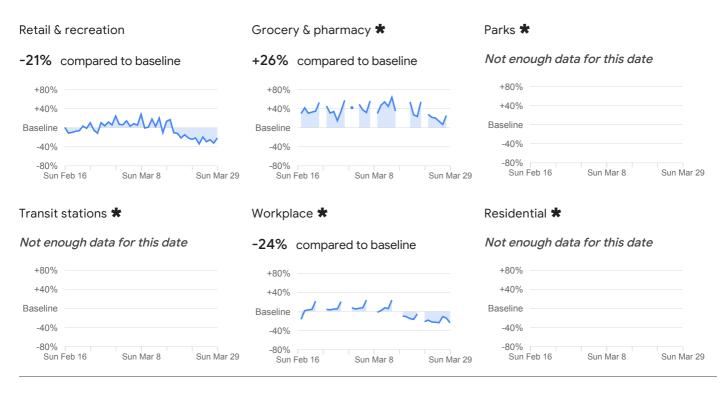


Allamakee County

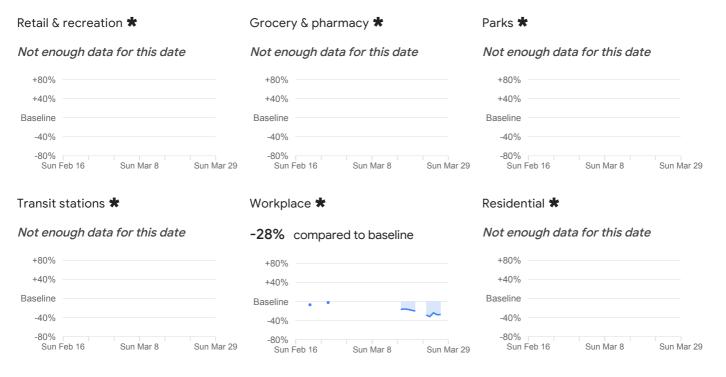


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Appanoose County

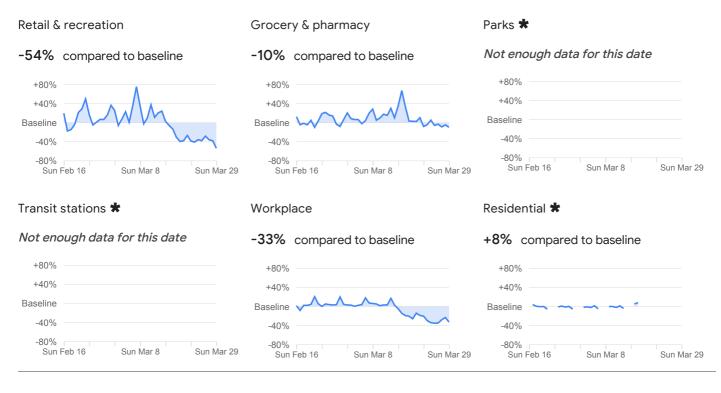


Audubon County

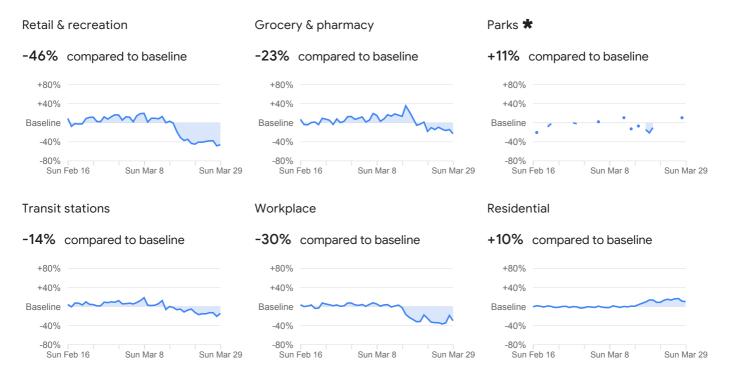


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Benton County

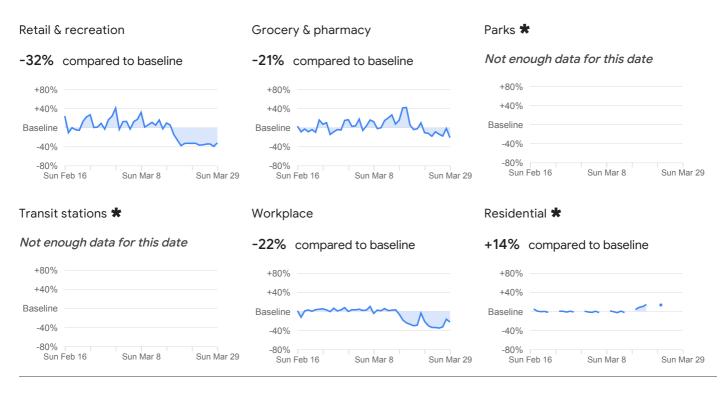


Black Hawk County

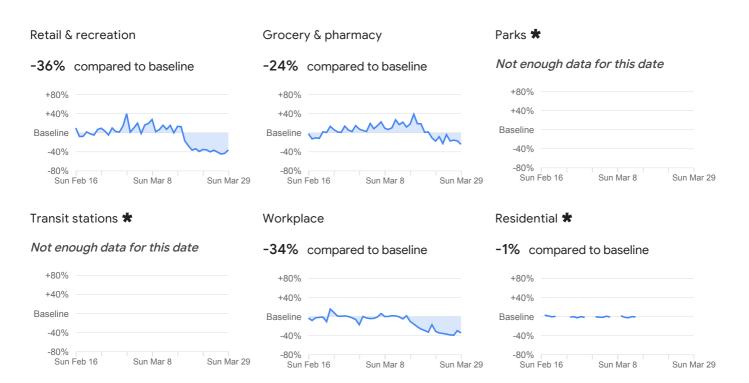


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Boone County

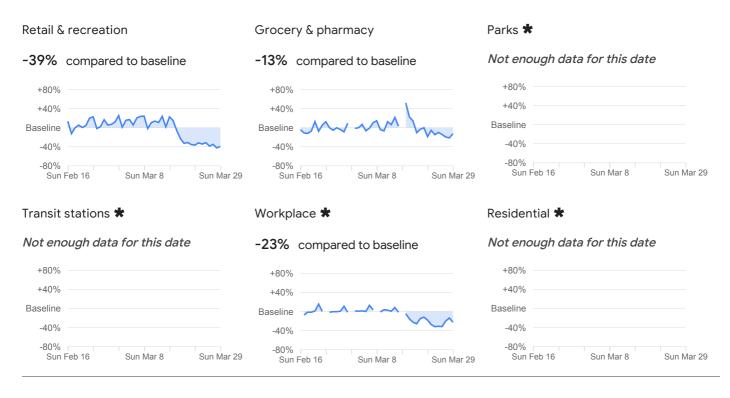


Bremer County

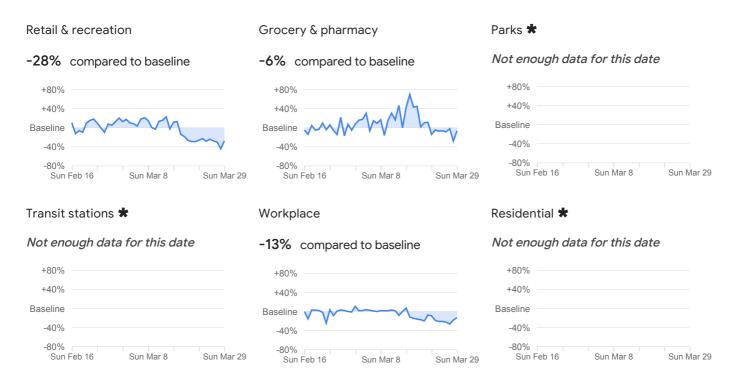


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Buchanan County

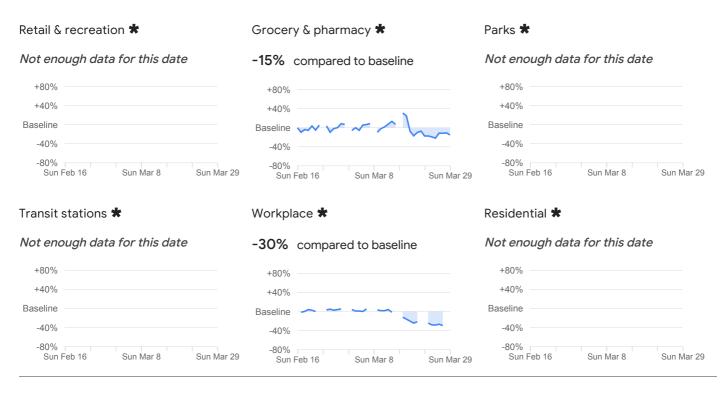


Buena Vista County

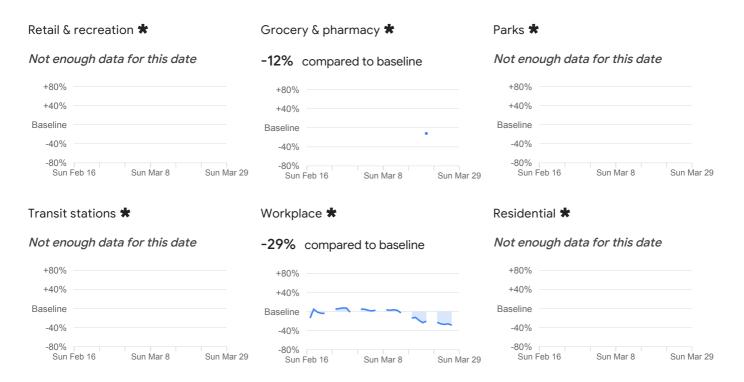


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Butler County

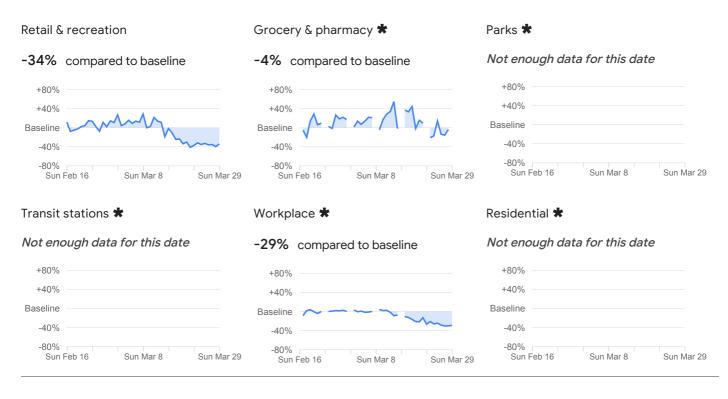


Calhoun County

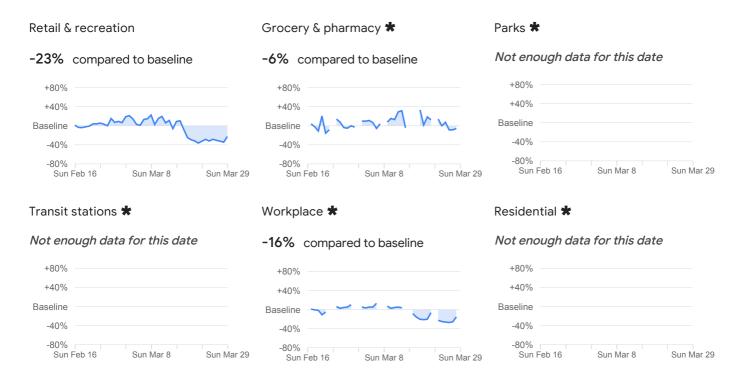


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Carroll County

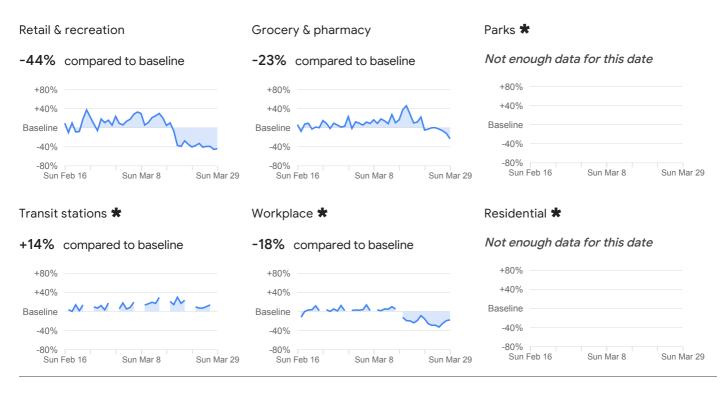


Cass County

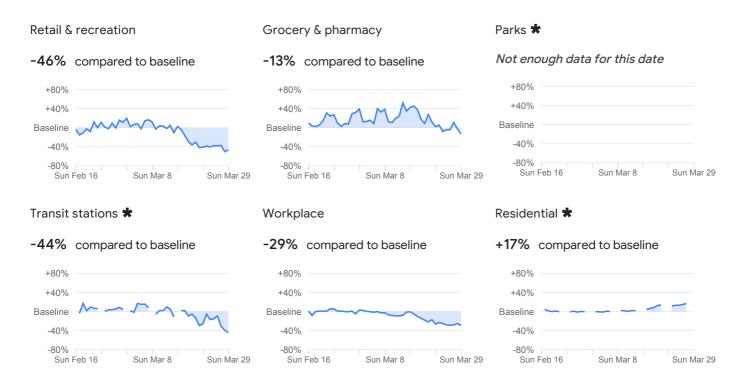


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Cedar County

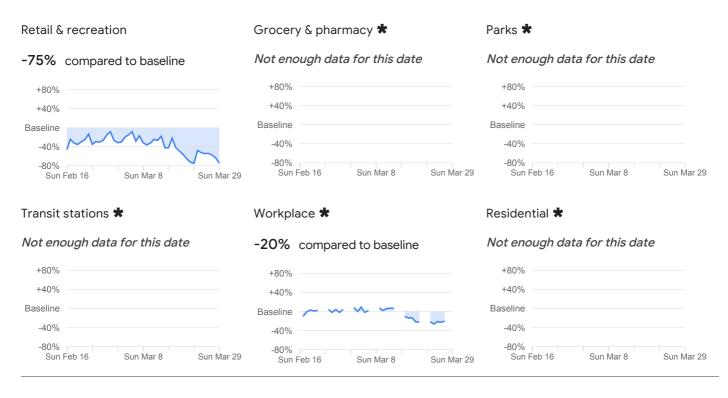


Cerro Gordo County

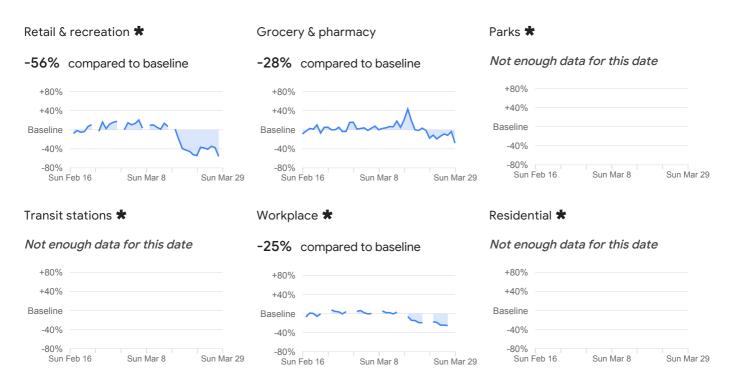


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Cherokee County

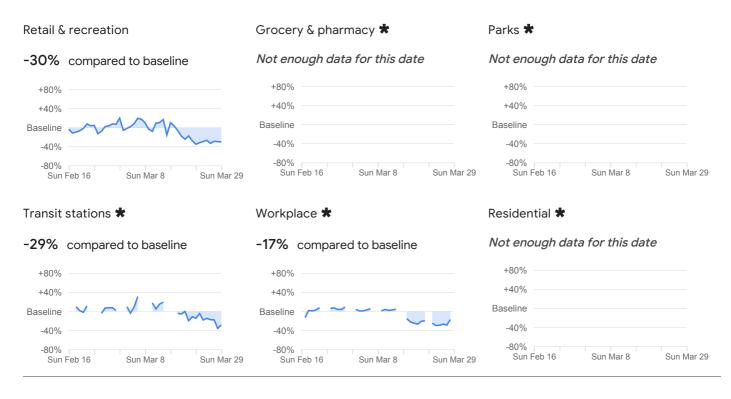


Chickasaw County

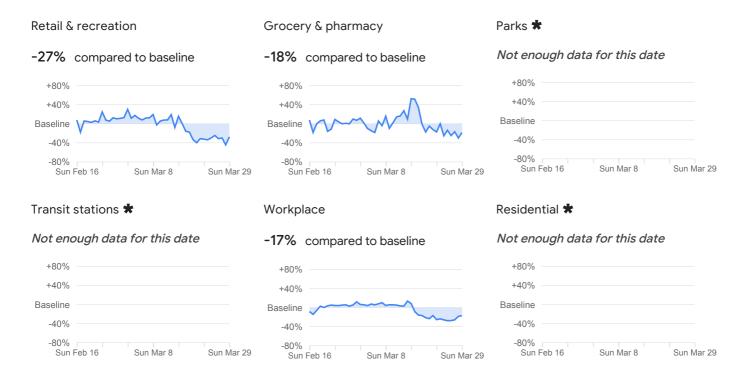


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Clarke County

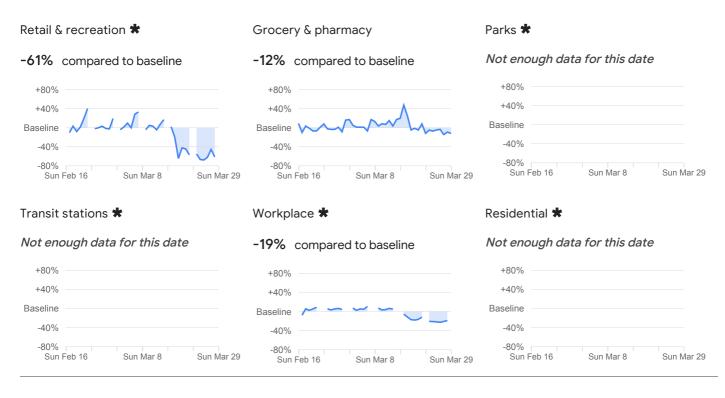


Clay County

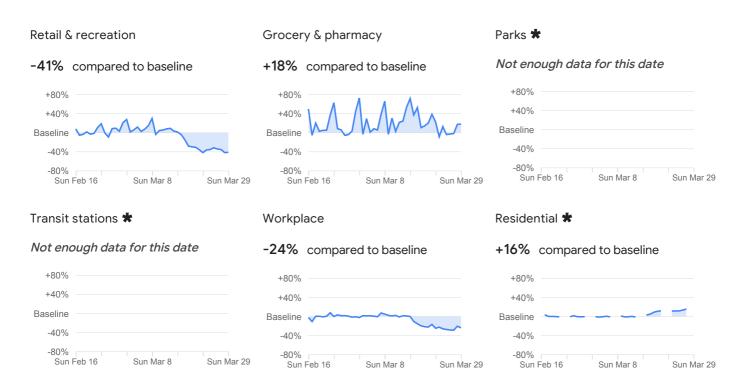


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Clayton County

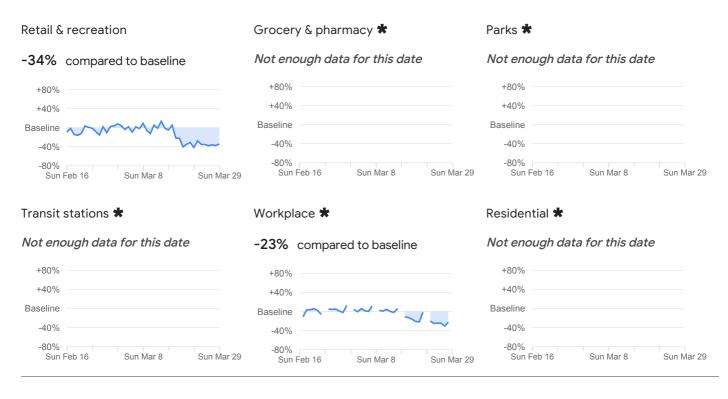


Clinton County

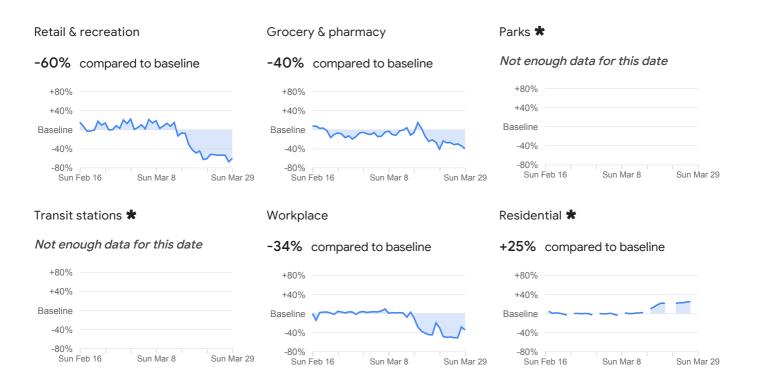


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Crawford County

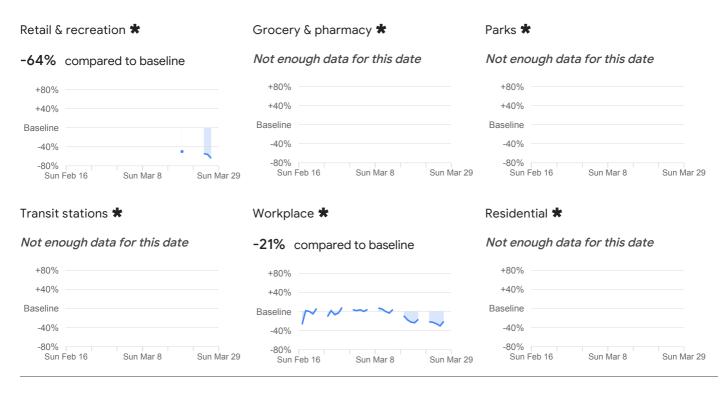


Dallas County

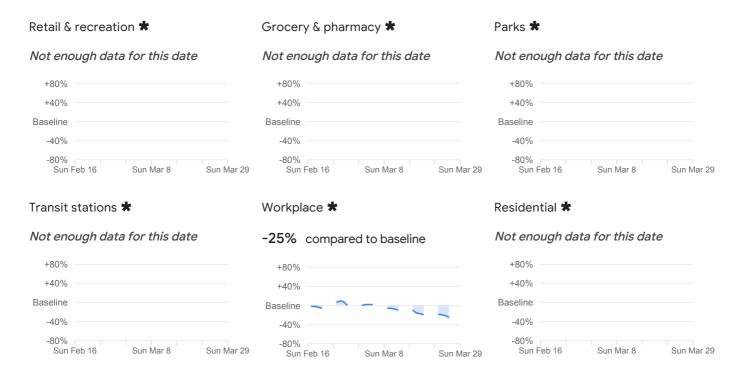


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Davis County

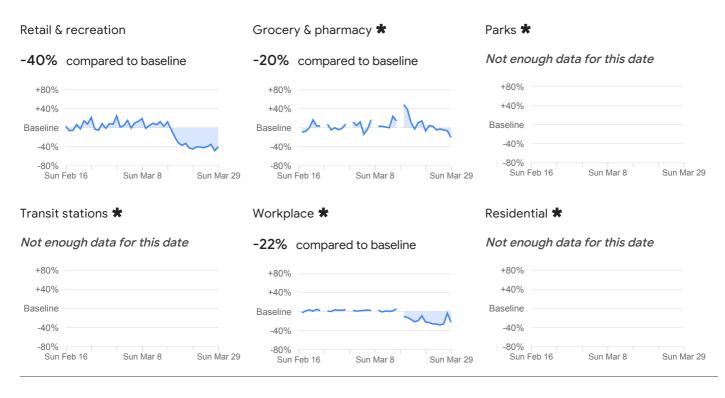


Decatur County

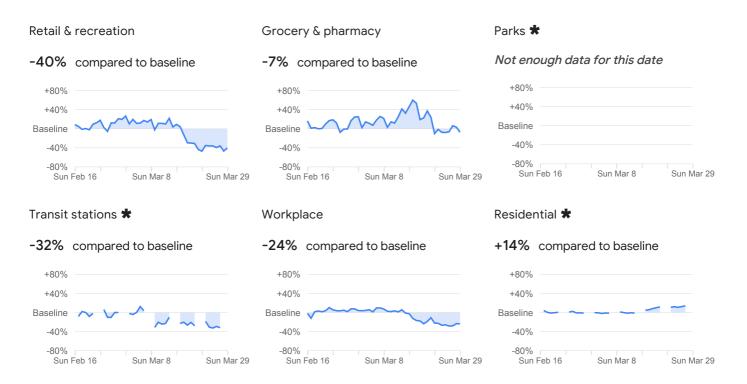


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Delaware County



Des Moines County

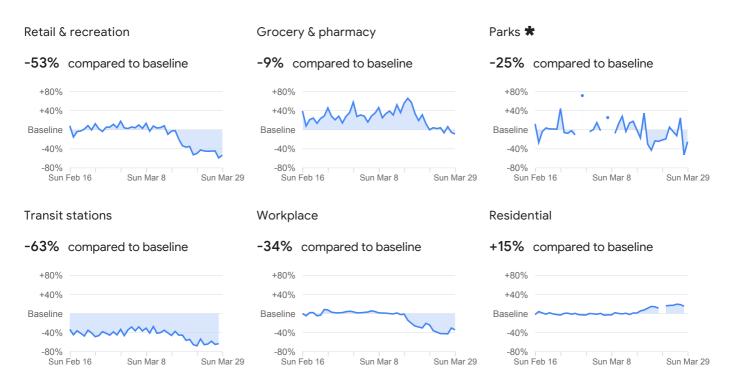


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Dickinson County

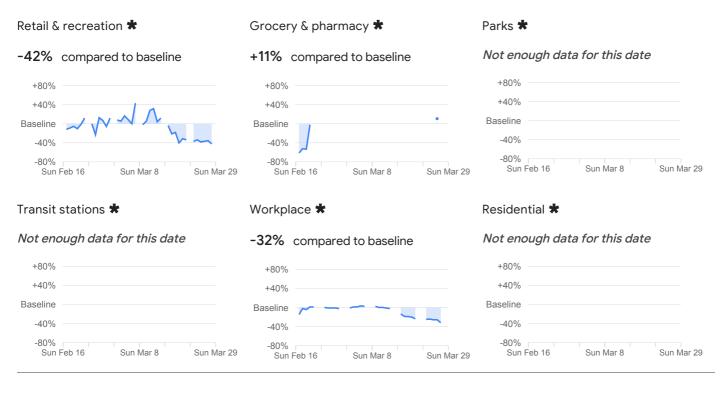


Dubuque County

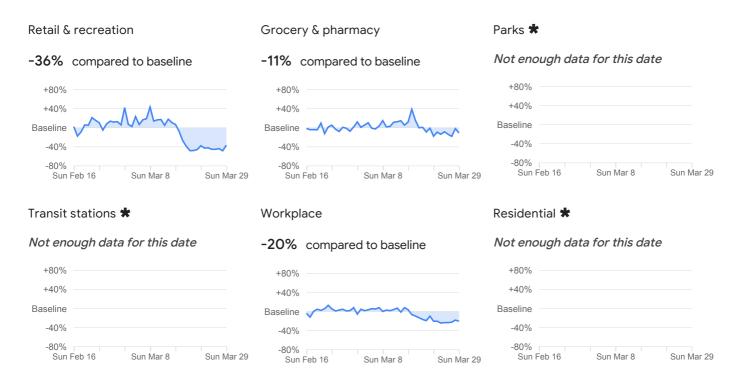


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Emmet County

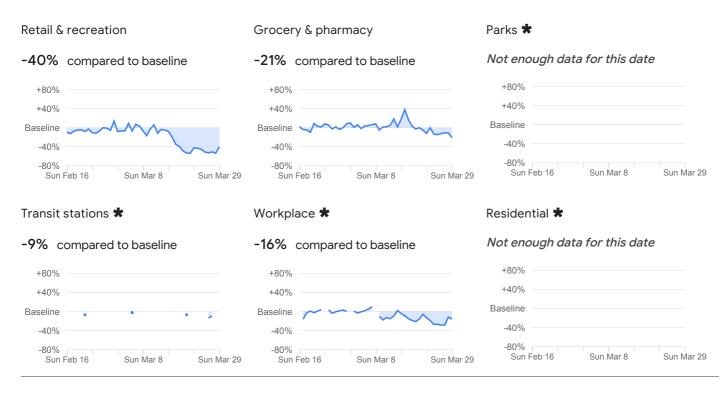


Fayette County

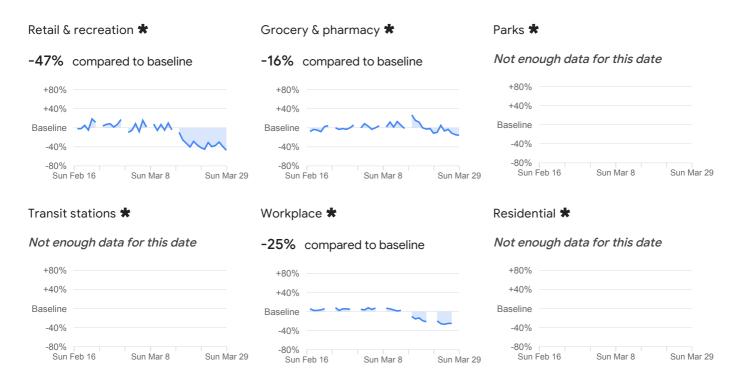


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Floyd County

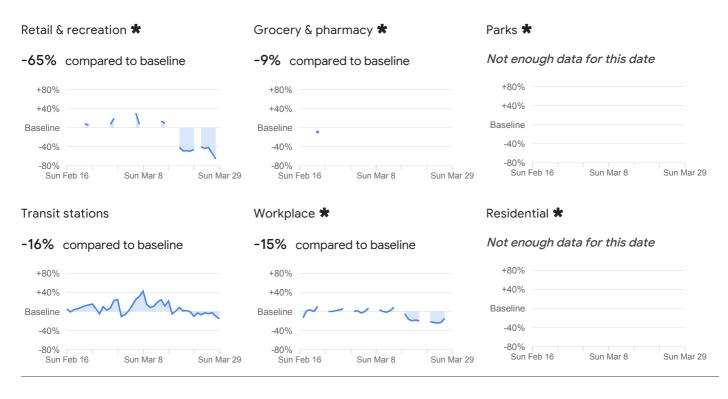


Franklin County

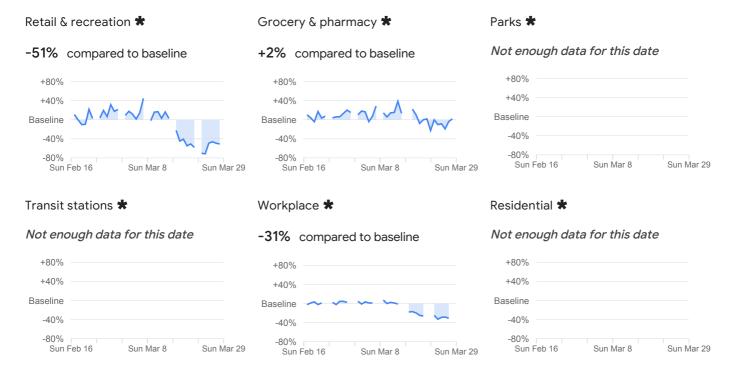


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Fremont County

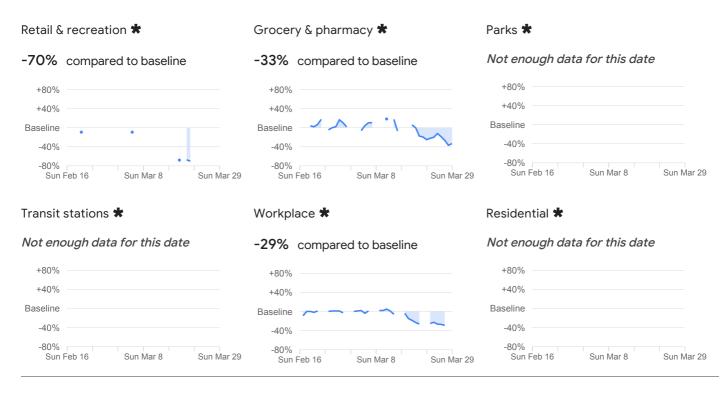


Greene County

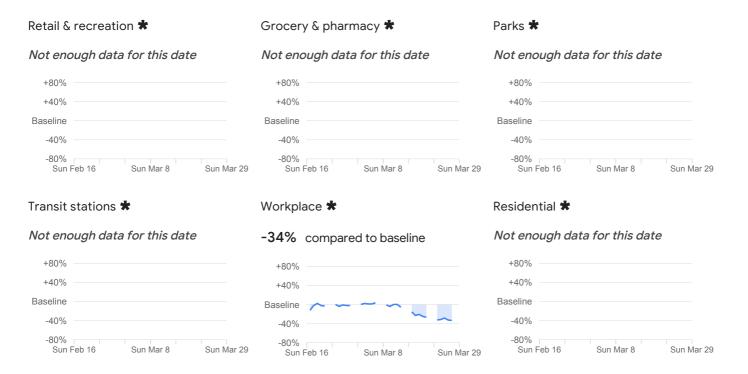


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Grundy County

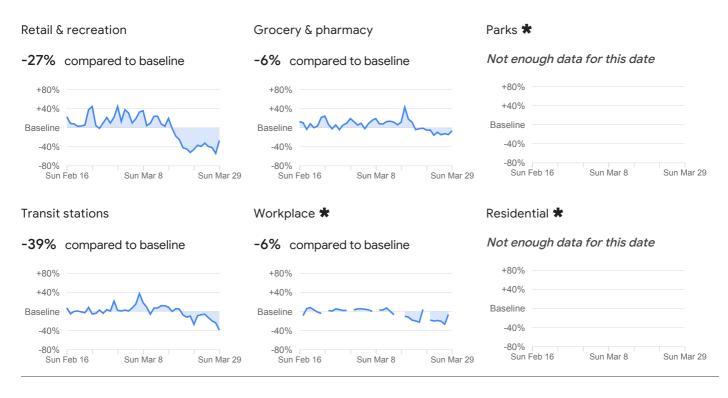


Guthrie County

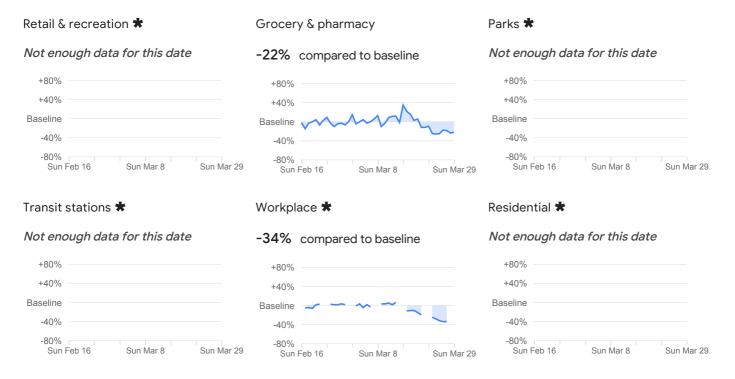


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Hamilton County

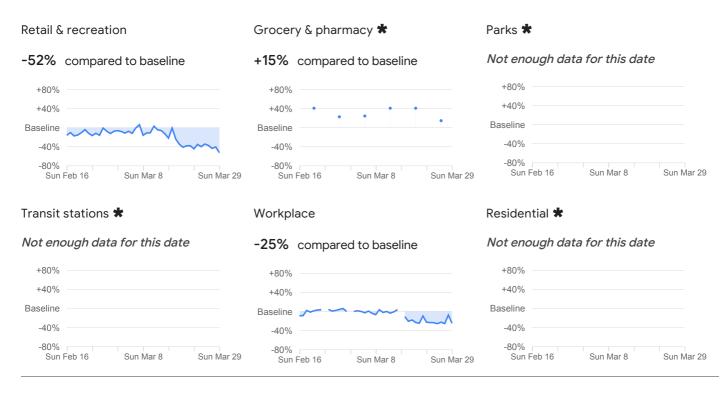


Hancock County

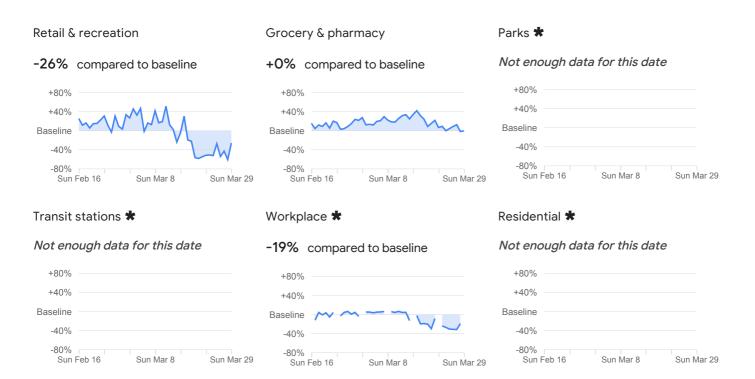


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Hardin County

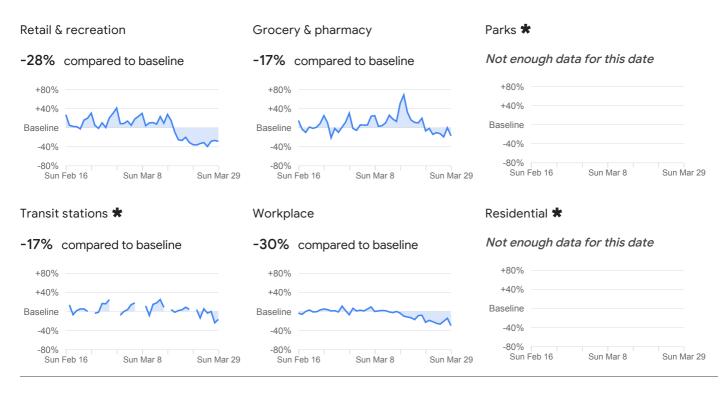


Harrison County

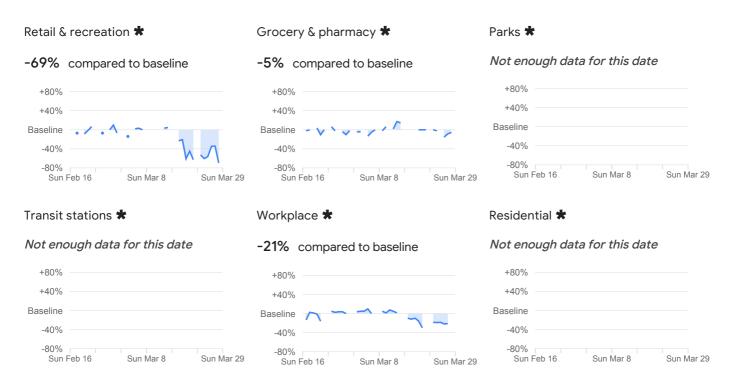


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Henry County

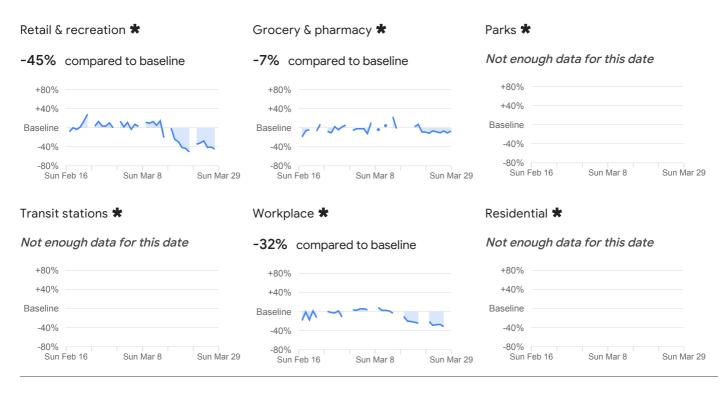


Howard County

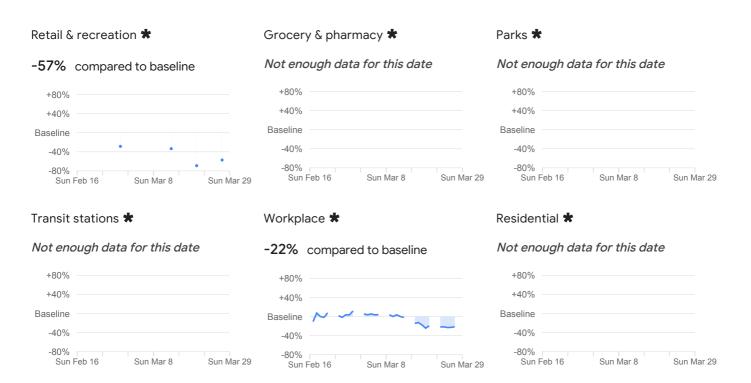


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Humboldt County

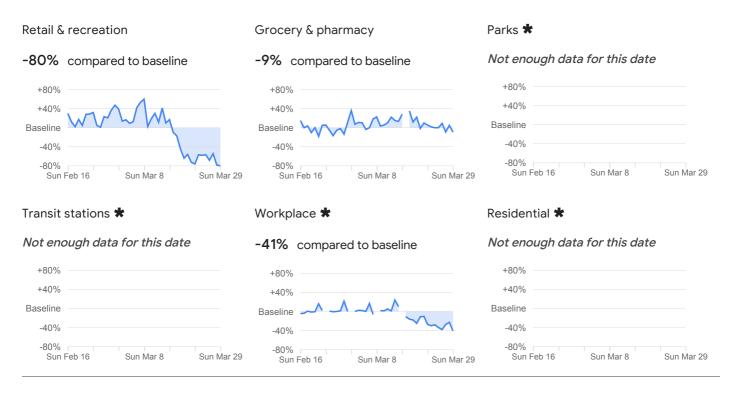


Ida County

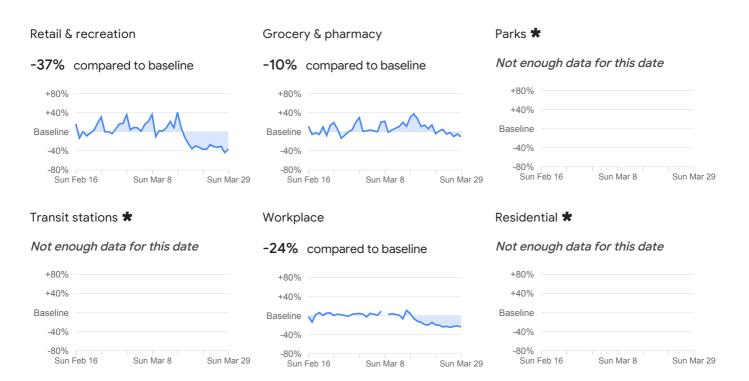


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Iowa County

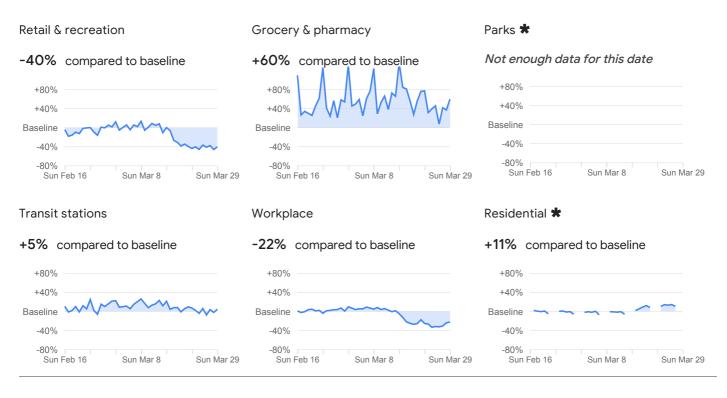


Jackson County

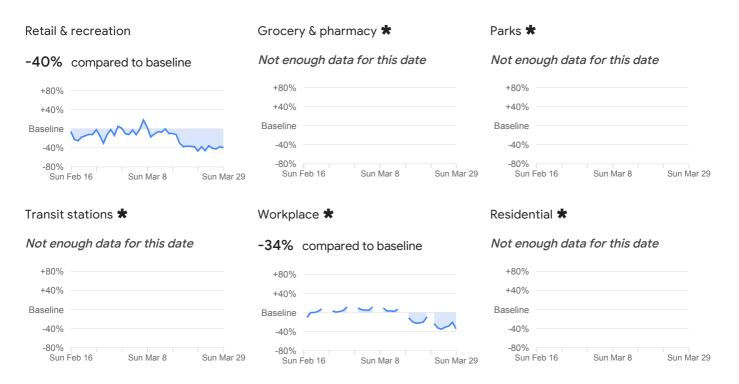


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Jasper County

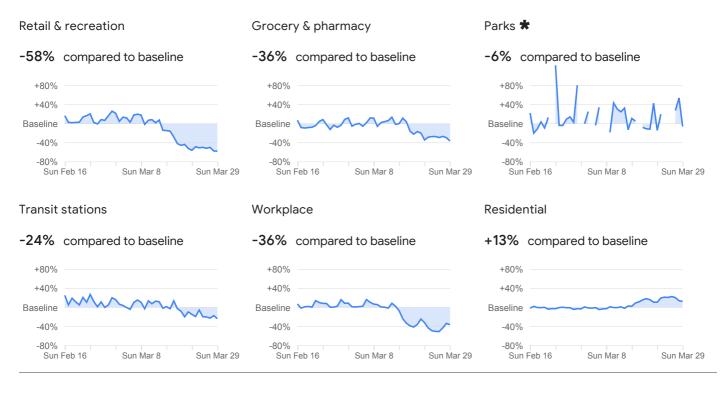


Jefferson County

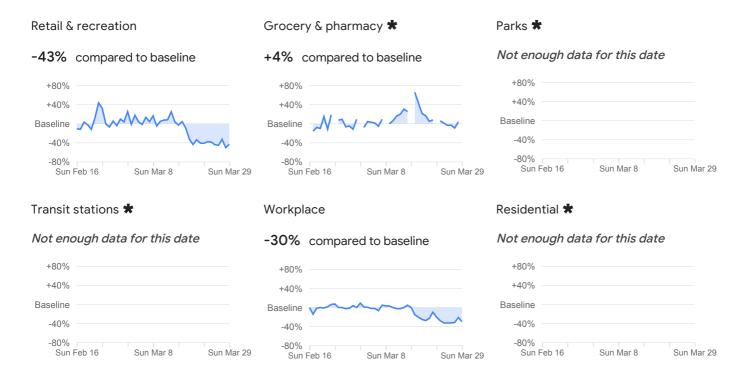


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Johnson County

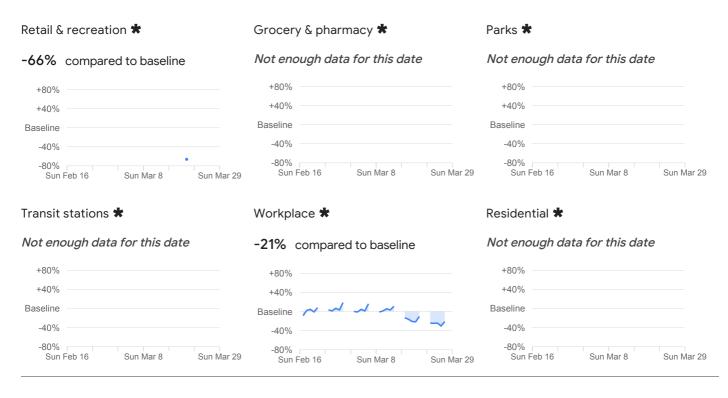


Jones County

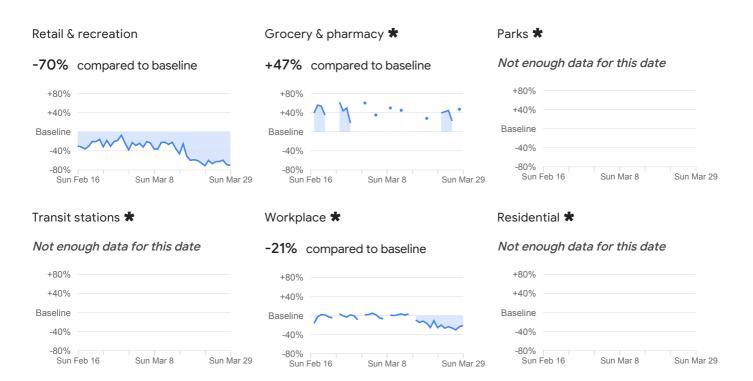


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Keokuk County

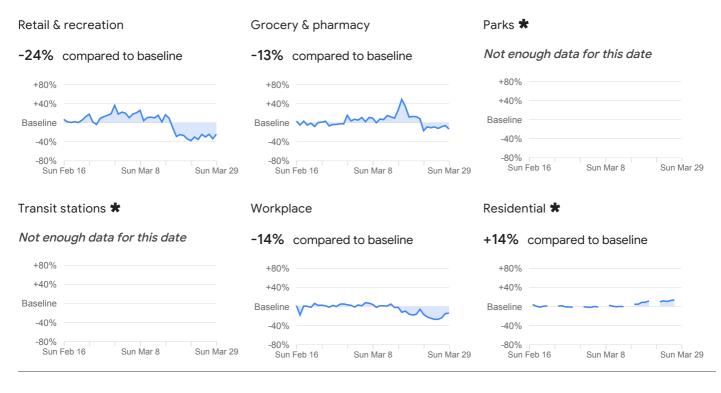


Kossuth County

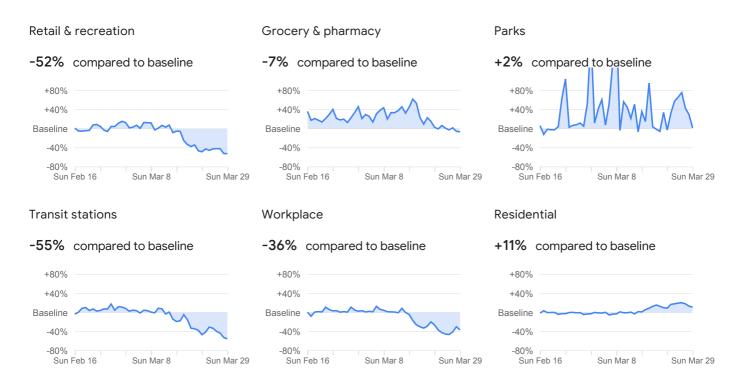


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Lee County

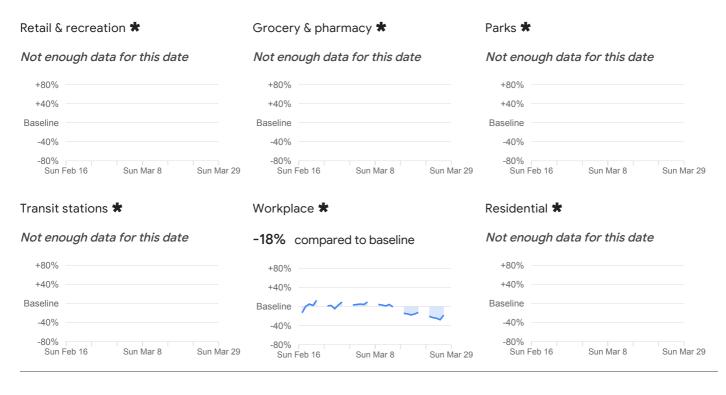


Linn County

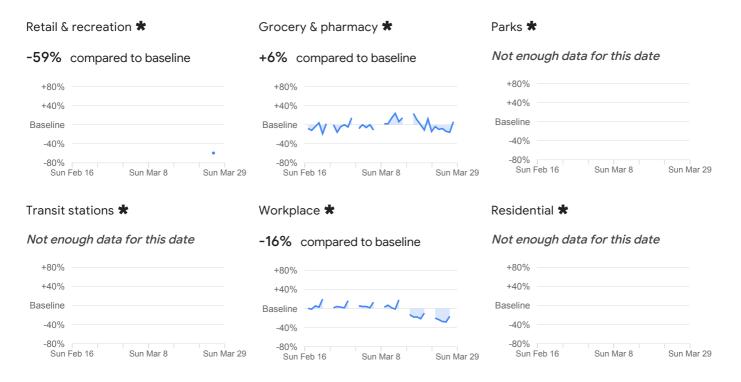


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Louisa County

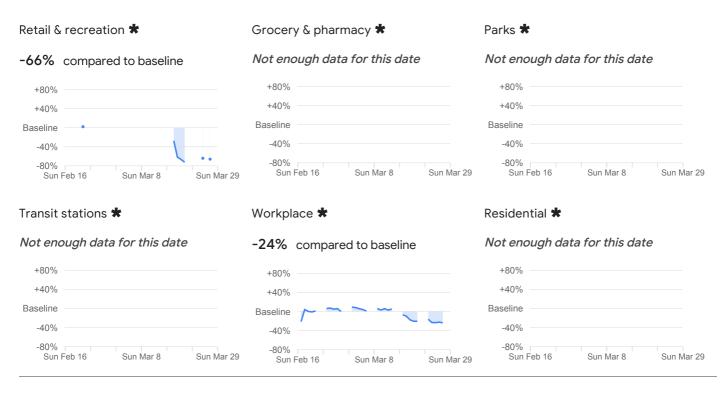


Lucas County

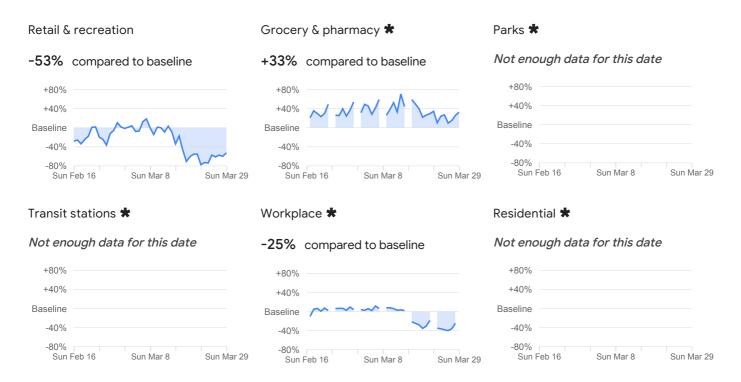


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Lyon County

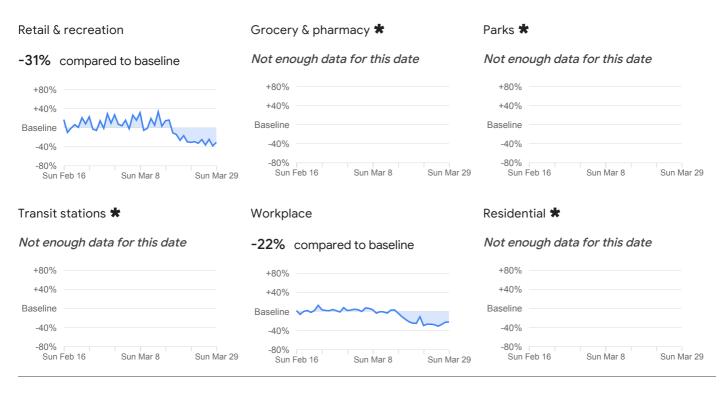


Madison County

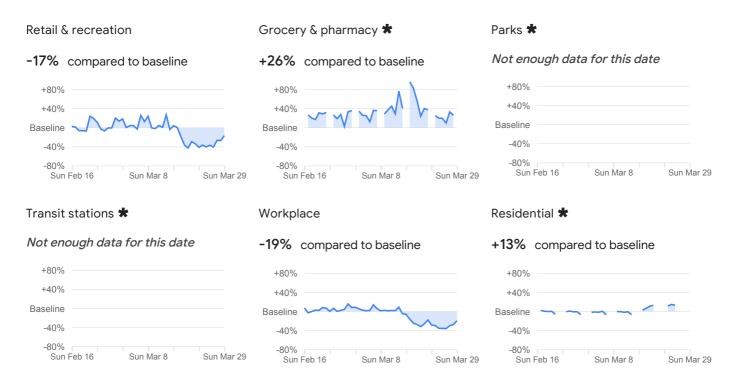


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Mahaska County

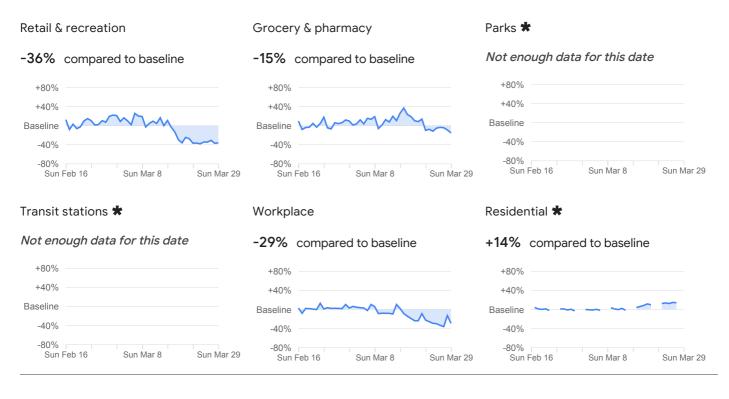


Marion County

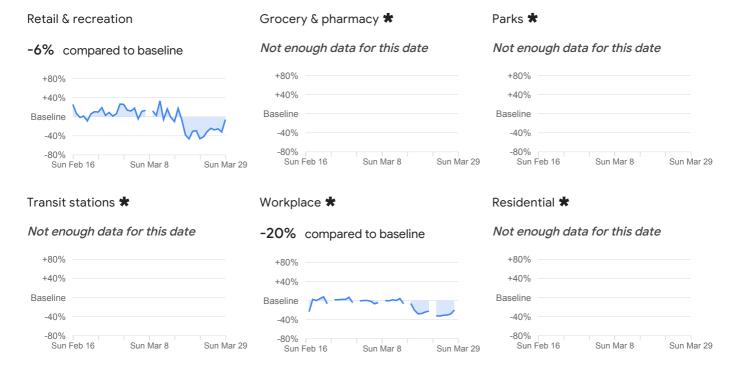


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Marshall County

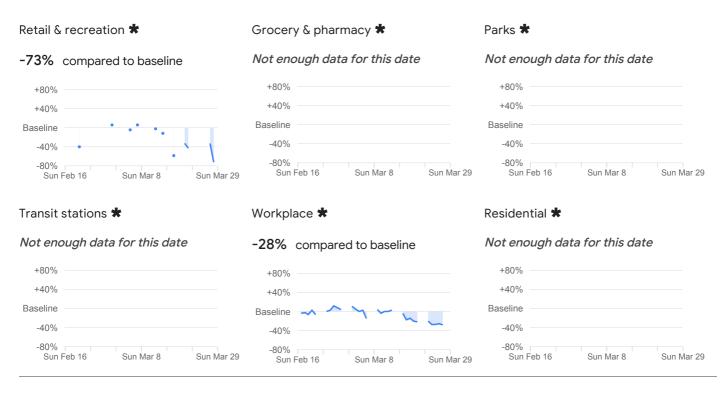


Mills County

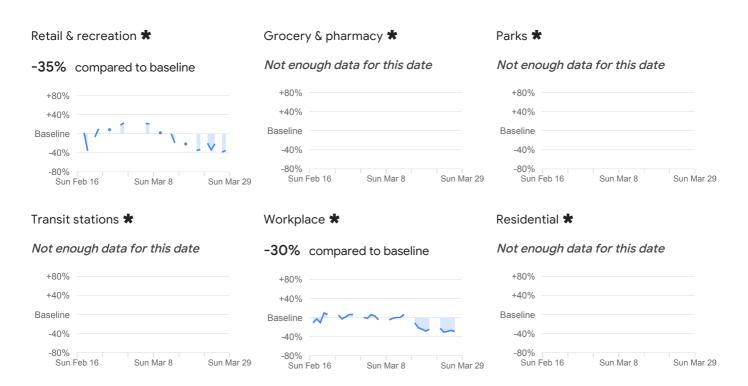


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Mitchell County

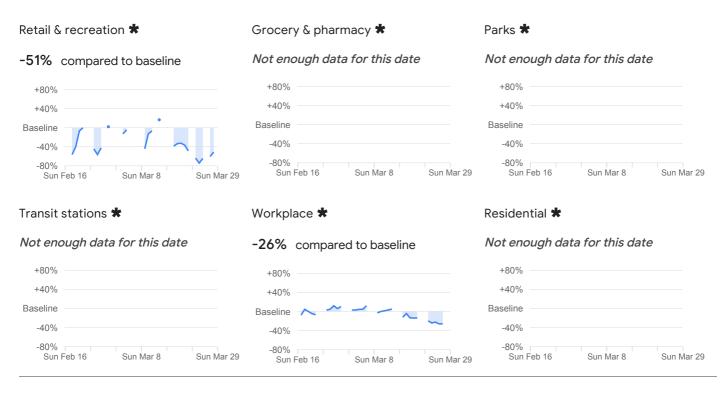


Monona County

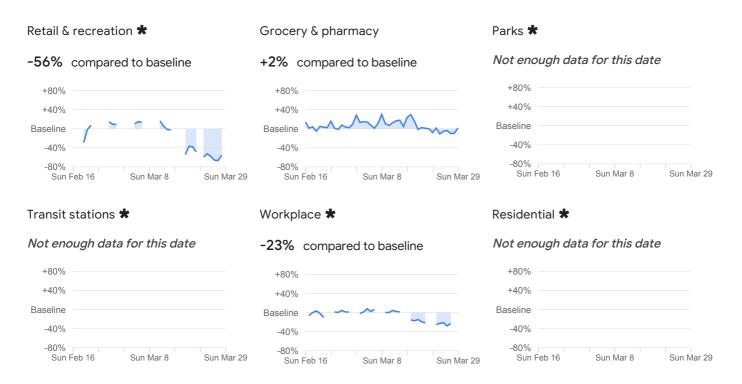


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Monroe County

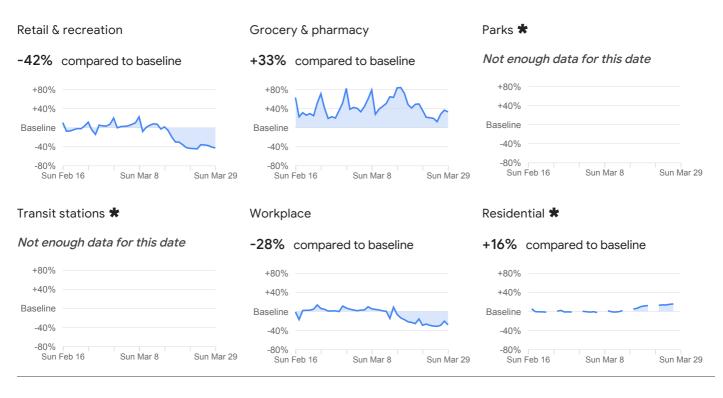


Montgomery County

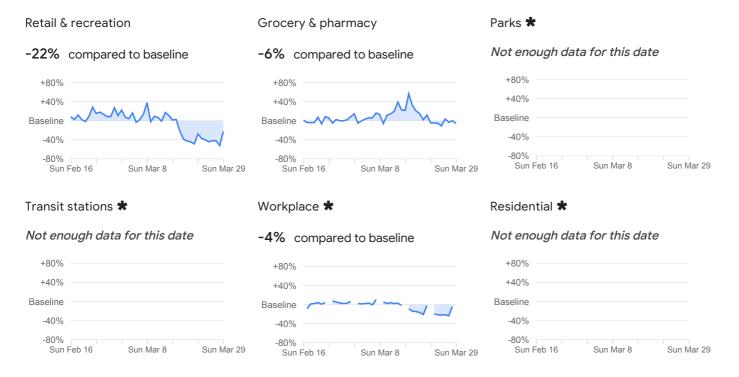


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Muscatine County

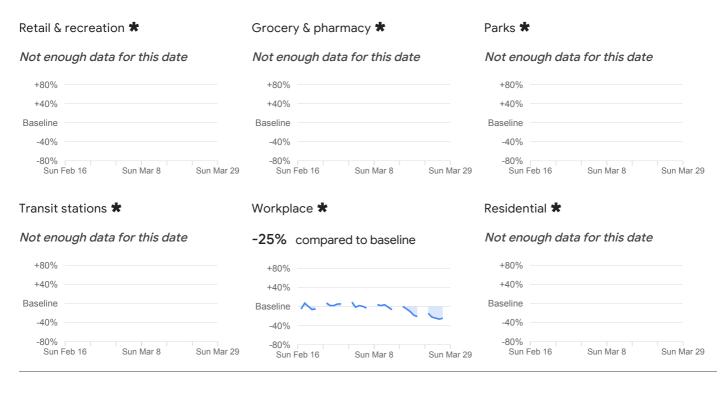


O'Brien County

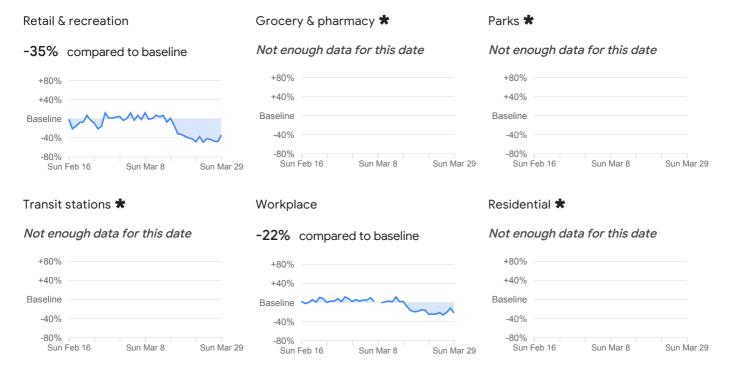


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Osceola County

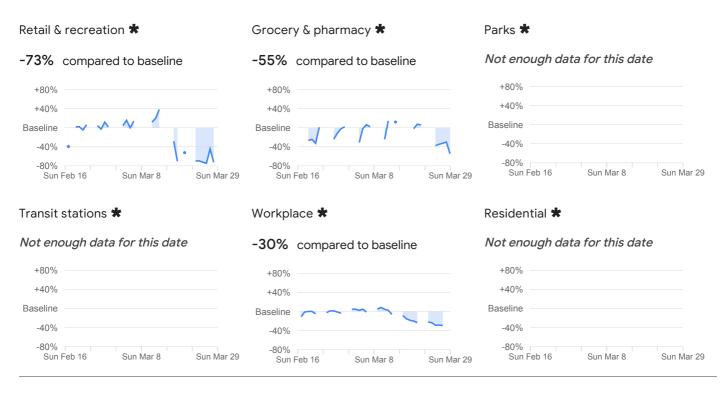


Page County

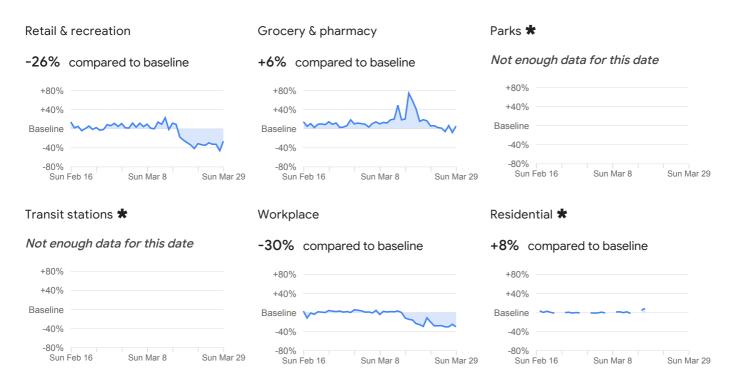


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Palo Alto County

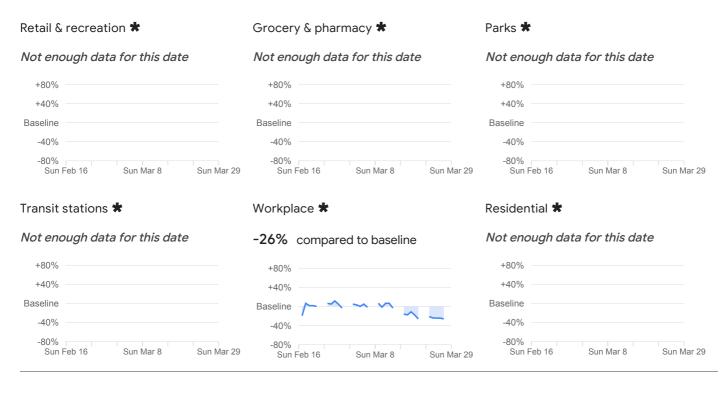


Plymouth County

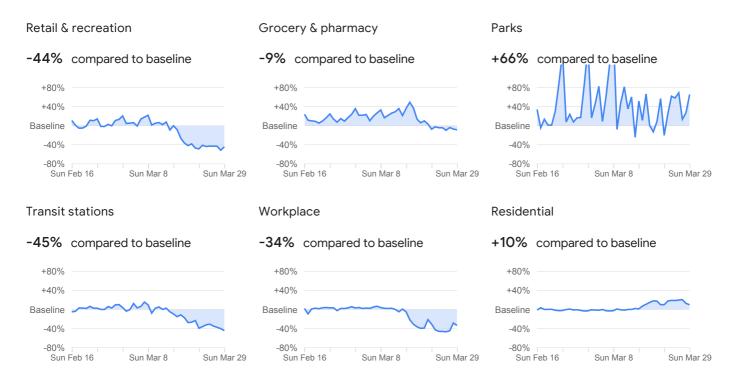


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Pocahontas County

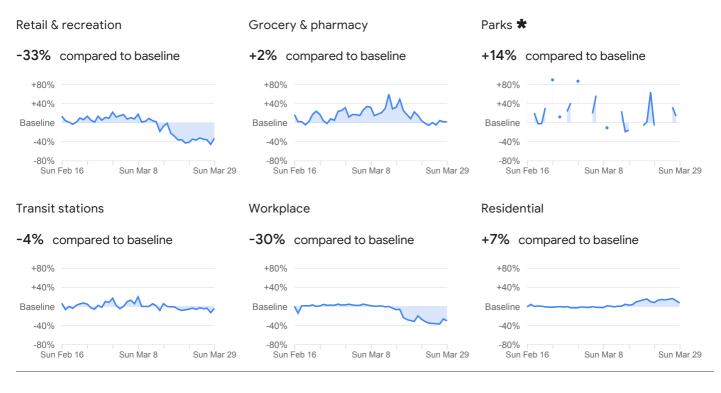


Polk County

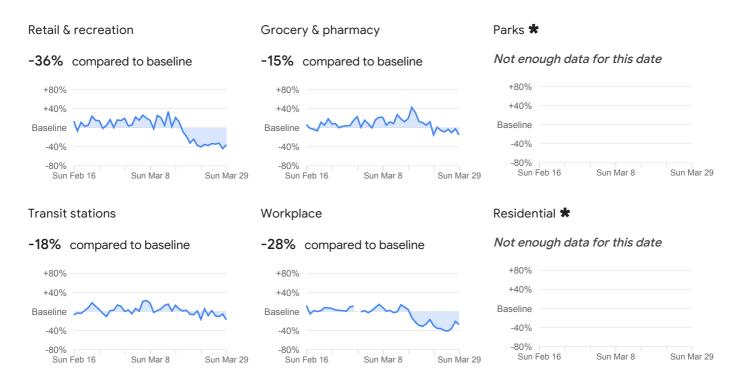


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Pottawattamie County

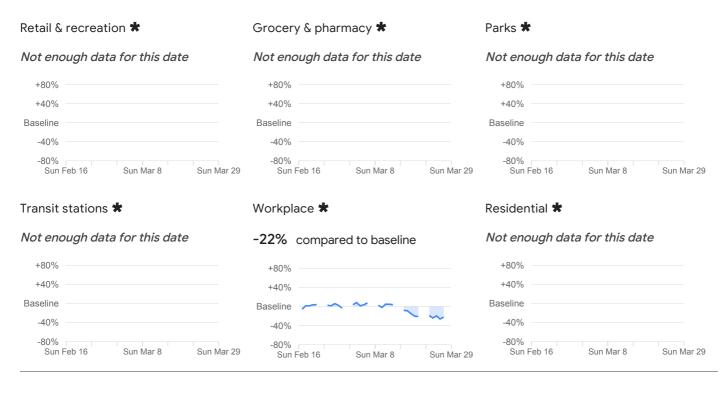


Poweshiek County

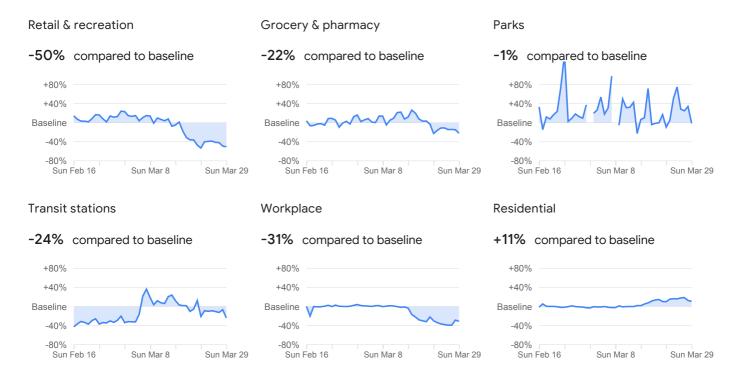


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Sac County

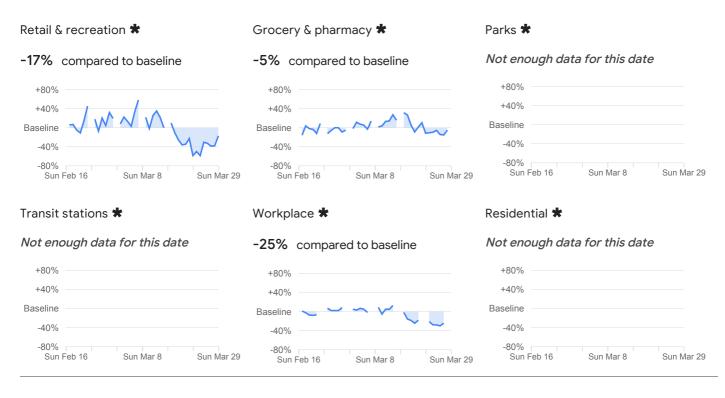


Scott County

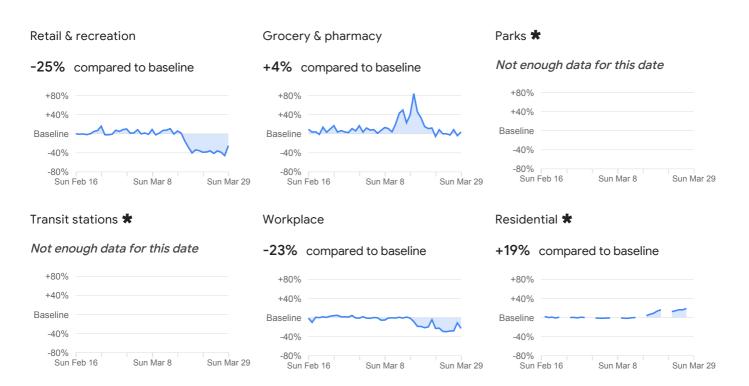


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Shelby County

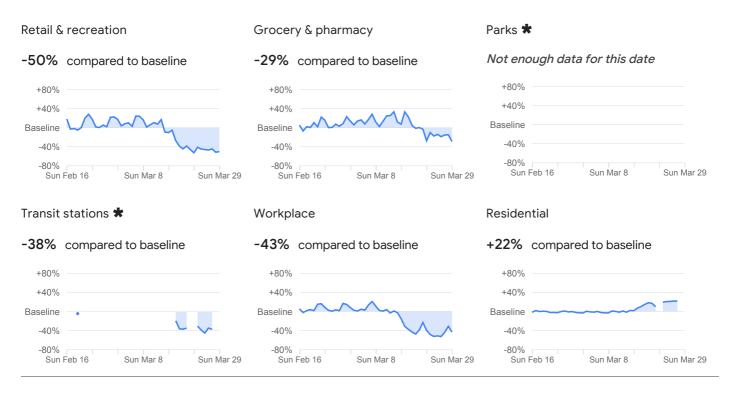


Sioux County

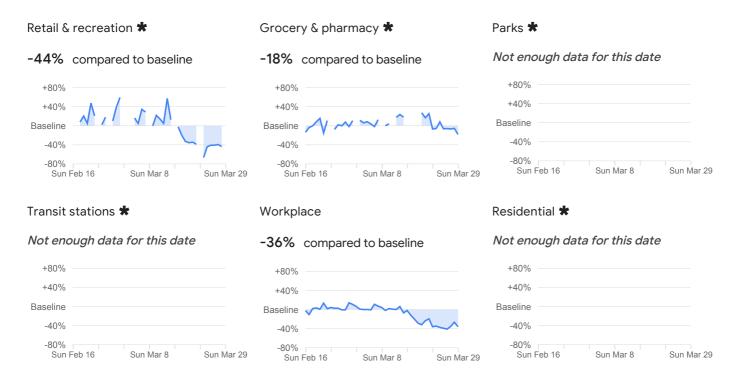


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Story County

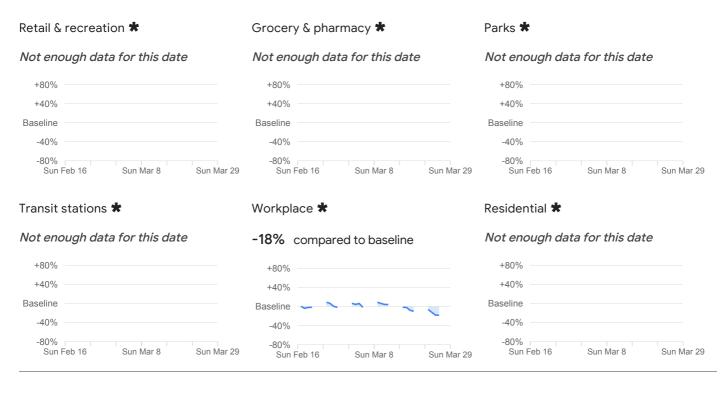


Tama County

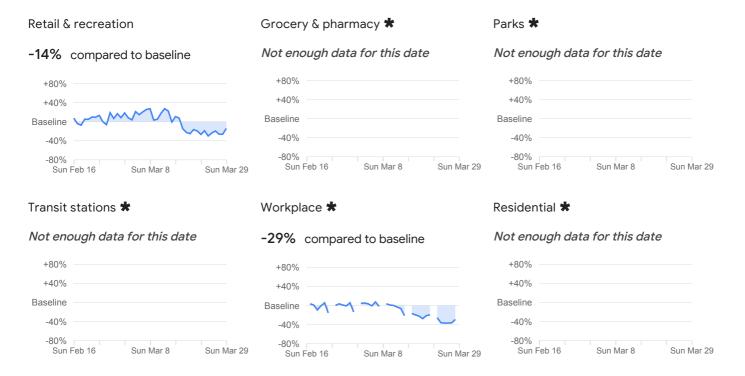


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Taylor County

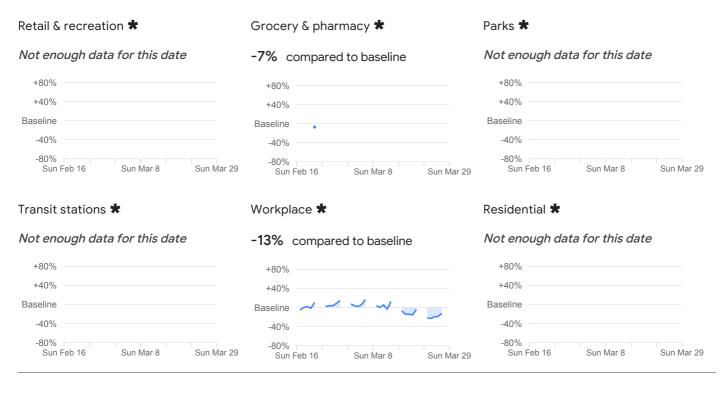


Union County

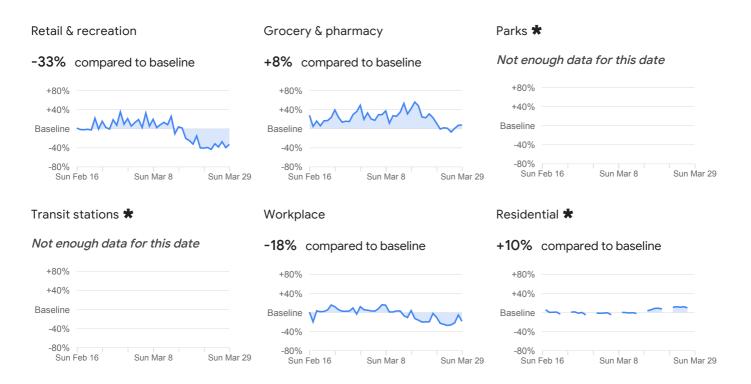


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Van Buren County



Wapello County

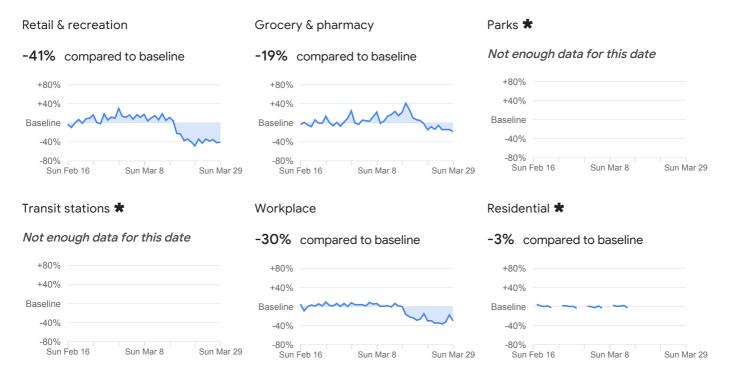


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Warren County

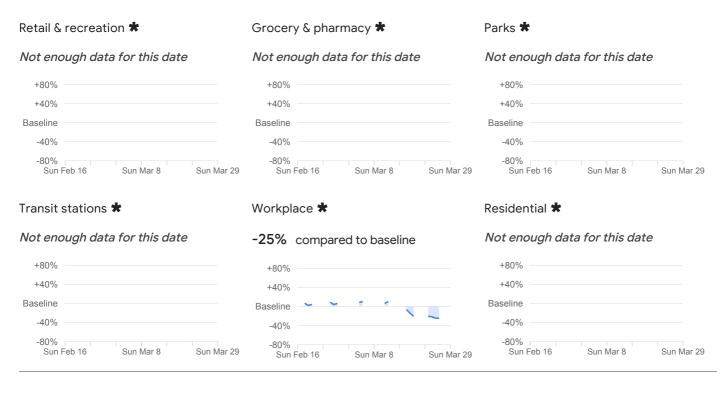


Washington County

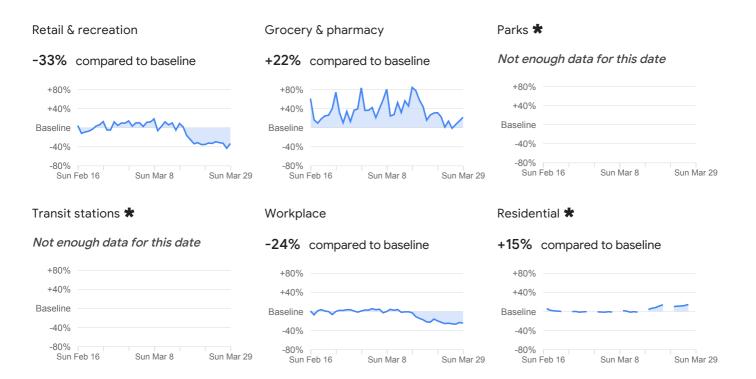


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Wayne County

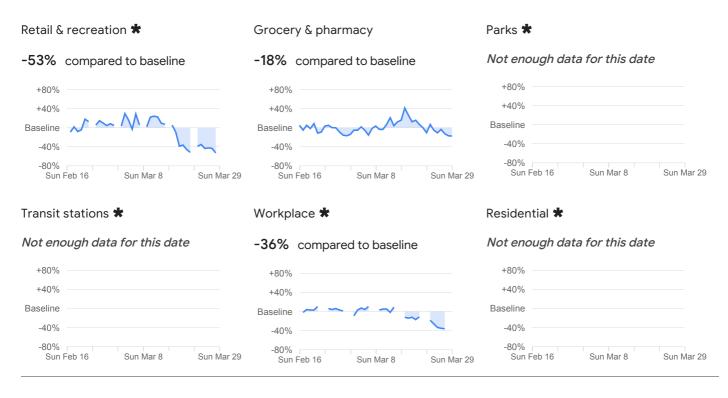


Webster County

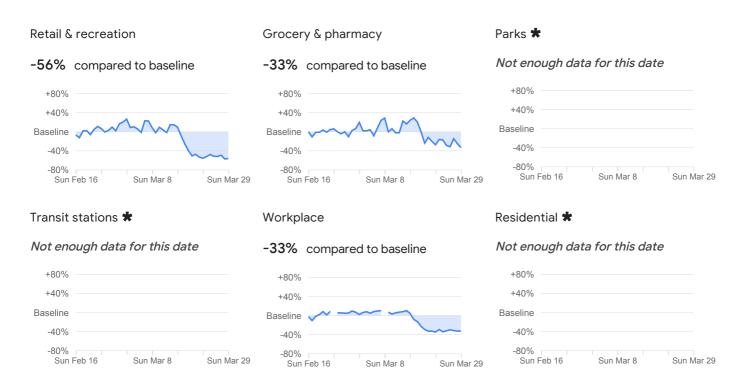


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Winnebago County

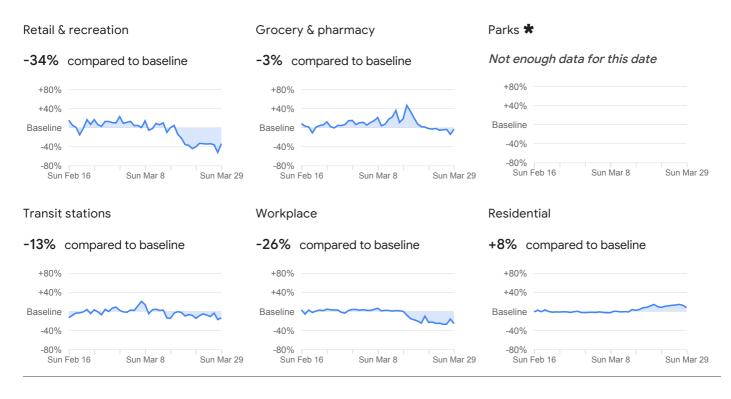


Winneshiek County

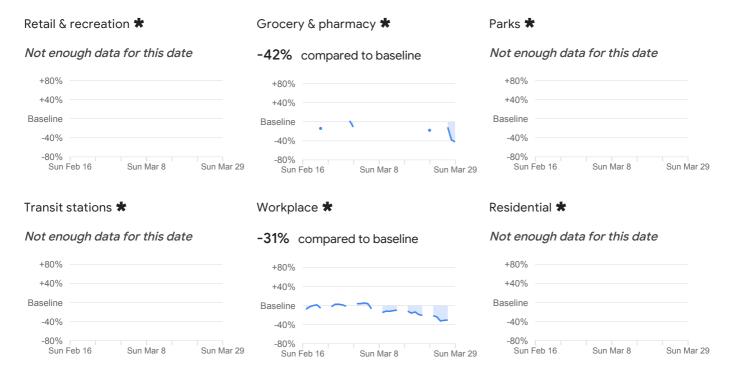


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Woodbury County



Worth 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.

Wright County

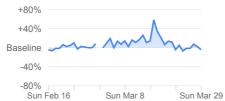
Retail & recreation *

-57% compared to baseline



Grocery & pharmacy

-4% compared to baseline



Parks *

Not enough data for this date



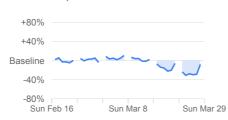
Transit stations *

Not enough data for this date



Workplace *

-8% compared to baseline



Residential *

Not enough data for this date



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.

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