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

-26% compared to baseline

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

Grocery & pharmacy

-5% compared to baseline

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

Parks

+1% compared to baseline

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

-32%
compared to baseline

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

Workplaces

-33%
compared to baseline

Mobility trends for places of work.

Residential

+14%
compared to baseline

Mobility trends for places of residence.
Alcona County

Retail & recreation: 
-80% compared to baseline
-40% compared to baseline
-20% compared to baseline

Grocery & pharmacy: 
+80% compared to baseline
+40% compared to baseline

Parks: 
+80% compared to baseline
+40% compared to baseline

Transit stations: 
-17% compared to baseline

Workplaces: 

Residential: 

Alger County

Retail & recreation: 
-39% compared to baseline
-29% compared to baseline

Grocery & pharmacy: 

Parks: 

Transit stations: 

Workplaces: 

Residential: 

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Allegan County

Retail & recreation
-24% compared to baseline

Grocery & pharmacy
-1% compared to baseline

Parks
-1% compared to baseline

Transit stations
-1% compared to baseline

Workplaces
-30% compared to baseline

Residential
+13% compared to baseline

Alpena County

Retail & recreation
-17% compared to baseline

Grocery & pharmacy
-5% compared to baseline

Parks

Transit stations
-25% compared to baseline

Workplaces
+11% compared to baseline

Residential

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Antrim County

Retail & recreation

Grocery & pharmacy

Parks

Transit stations

Workplaces

Residential

-19% compared to baseline

-23% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Baraga County

Retail & recreation

-80% compared to baseline
-40% compared to baseline
+40% compared to baseline
+80% compared to baseline

Grocery & pharmacy

Baseline

Parks

Baseline

Transit stations

Baseline

Workplaces

Baseline

Residential

Baseline

Barry County

Retail & recreation

-24% compared to baseline

Grocery & pharmacy

+12% compared to baseline

Parks

Baseline

Transit stations

Baseline

Workplaces

Baseline

Residential

Baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Bay County

Retail & recreation
-22% compared to baseline

Grocery & pharmacy
-4% compared to baseline

Parks
-9% compared to baseline

Transit stations
-29% compared to baseline

Workplaces

Residential
+13% compared to baseline

Benzie County

Retail & recreation

Grocery & pharmacy

Parks

Transit stations

Workplaces

Residential

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Berrien County

Retail & recreation
-17% compared to baseline

Grocery & pharmacy
+2% compared to baseline

Parks
+18% compared to baseline

Transit stations
+0% compared to baseline

Workplaces
-26% compared to baseline

Residential
+10% compared to baseline

Branch County

Retail & recreation
-20% compared to baseline

Grocery & pharmacy
-4% compared to baseline

Parks
+18% compared to baseline

Transit stations
-20% compared to baseline

Workplaces
+10% compared to baseline

Residential
+10% compared to baseline

* The data doesn't meet quality and privacy thresholds for every day in the chart.
Calhoun County

Retail & recreation
-25% compared to baseline

Grocery & pharmacy
-4% compared to baseline

Parks
-8% compared to baseline

Transit stations
-3% compared to baseline

Workplaces
-27% compared to baseline

Residential
+11% compared to baseline

Cass County

Retail & recreation
-31% compared to baseline

Grocery & pharmacy

Parks

Transit stations

Workplaces
-20% compared to baseline

Residential
+8% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Charlevoix County

Retail & recreation: -12% compared to baseline
Grocery & pharmacy: -1% compared to baseline
Parks: +5% compared to baseline
Transit stations: -22% compared to baseline
Workplaces: -22% compared to baseline
Residential: +12% compared to baseline

Cheboygan County

Retail & recreation: -28% compared to baseline
Grocery & pharmacy: -22% compared to baseline
Parks: +10% compared to baseline
Transit stations: -23% compared to baseline
Workplaces: +10% compared to baseline
Residential: +10% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Chippewa County

Retail & recreation
-27% compared to baseline

Grocery & pharmacy
+18% compared to baseline

Parks
-42% compared to baseline

Transit stations

Workplaces
-26% compared to baseline

Residential
+11% compared to baseline

Clare County

Retail & recreation
-28% compared to baseline

Grocery & pharmacy
-3% compared to baseline

Parks

Transit stations
-22% compared to baseline

Workplaces

Residential
+10% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Clinton County

Retail & recreation: -16% compared to baseline

Grocery & pharmacy: +4% compared to baseline

Parks: +80%

Transit stations: +28%

Workplaces: -39% compared to baseline

Residential: +17%

Crawford County

Retail & recreation: -4%

Grocery & pharmacy: +40%

Parks: +80%

Transit stations: +28%

Workplaces: -14%

Residential: +17%

* The data doesn't meet quality and privacy thresholds for every day in the chart.
Delta County

Retail & recreation
-16% compared to baseline

Grocery & pharmacy
+0% compared to baseline

Parks

Transit stations

Workplaces
-18% compared to baseline

Residential
+11% compared to baseline

Dickinson County

Retail & recreation
-33% compared to baseline

Grocery & pharmacy
+54% compared to baseline

Parks

Transit stations

Workplaces
-19% compared to baseline

Residential
+10% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Eaton County

Retail & recreation
-17% compared to baseline

Grocery & pharmacy
-4% compared to baseline

Parks

Transit stations
-33% compared to baseline

Workplaces

Residential
+16% compared to baseline

Emmet County

Retail & recreation
-17% compared to baseline

Grocery & pharmacy
-6% compared to baseline

Parks

Transit stations
-24% compared to baseline

Workplaces

Residential
+11% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Genesee County

Retail & recreation
-24% compared to baseline

Grocery & pharmacy
-7% compared to baseline

Parks
+39% compared to baseline

Transit stations
-38% compared to baseline

Workplaces
-31% compared to baseline

Residential
+12% compared to baseline

Gladwin County

Retail & recreation
-10% compared to baseline

Grocery & pharmacy
+2% compared to baseline

Parks
+39% compared to baseline

Transit stations
-20% compared to baseline

Workplaces
+9% compared to baseline

Residential
+9% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Gogebic County

Retail & recreation
-20% compared to baseline

Grocery & pharmacy
+80% compared to baseline

Parks
+80% compared to baseline

Transit stations
-40% compared to baseline

Workplaces
-20% compared to baseline

Residential
+12% compared to baseline

Grand Traverse County

Retail & recreation
-20% compared to baseline

Grocery & pharmacy
0% compared to baseline

Parks
-27% compared to baseline

Transit stations
-42% compared to baseline

Workplaces
-25% compared to baseline

Residential
+12% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Gratiot County

Retail & recreation
-25% compared to baseline

Grocery & pharmacy
+6% compared to baseline

Parks

Transit stations

Workplaces
-23% compared to baseline

Residential
+11% compared to baseline

Hillsdale County

Retail & recreation
-21% compared to baseline

Grocery & pharmacy
+11% compared to baseline

Parks

Transit stations

Workplaces
-23% compared to baseline

Residential
+11% compared to baseline

* The data doesn't meet quality and privacy thresholds for every day in the chart.
Houghton County

Retail & recreation
-43% compared to baseline

Grocery & pharmacy
-3% compared to baseline

Parks
-43% compared to baseline

Transit stations

Workplaces
-28% compared to baseline

Residential
+12% compared to baseline

Huron County

Retail & recreation
-29% compared to baseline

Grocery & pharmacy

Parks

Transit stations

Workplaces
-22% compared to baseline

Residential
+11% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Ingham County

Retail & recreation: -35% compared to baseline
Grocery & pharmacy: -8% compared to baseline
Parks: -16% compared to baseline
Transit stations: -55% compared to baseline
Workplaces: -41% compared to baseline
Residential: +18% compared to baseline

Ionia County

Retail & recreation: -22% compared to baseline
Grocery & pharmacy: +5% compared to baseline
Parks: +18% compared to baseline
Transit stations: -11% compared to baseline
Workplaces: -22% compared to baseline
Residential: +11% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Iosco County

Retail & recreation•
-30% compared to baseline

Grocery & pharmacy•
+7% compared to baseline

Parks•

Transit stations•

Workplaces

Residential•
+10% compared to baseline

Iron County

Retail & recreation•

Grocery & pharmacy•

Parks•

Transit stations•

Workplaces•

Residential•
-13% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Isabella County

Retail & recreation
-21% compared to baseline

Grocery & pharmacy
+7% compared to baseline

Parks

Transit stations

Workplaces
-29% compared to baseline

Residential
+13% compared to baseline

Jackson County

Retail & recreation
-20% compared to baseline

Grocery & pharmacy
-5% compared to baseline

Parks

Transit stations

Workplaces
-13% compared to baseline

Residential
+13% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
**Kalamazoo County**

Retail & recreation
-25% compared to baseline

Grocery & pharmacy
-3% compared to baseline

Parks
+35% compared to baseline

Transit stations
-32% compared to baseline

Workplaces
-32% compared to baseline

Residential
+14% compared to baseline

**Kalkaska County**

Retail & recreation

Grocery & pharmacy

Parks

Transit stations

Workplaces

Residential

-17% compared to baseline

+8% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Kent County

Retail & recreation: -26% compared to baseline

Grocery & pharmacy: -2% compared to baseline

Parks: +5% compared to baseline

Transit stations: -45% compared to baseline

Workplaces: -35% compared to baseline

Residential: +15% compared to baseline

Lake County

Retail & recreation: -16% compared to baseline

Grocery & pharmacy: -80% compared to baseline

Parks: -40% compared to baseline

Transit stations: +40% compared to baseline

Workplaces: +80% compared to baseline

Residential: -40% compared to baseline

* The data doesn't meet quality and privacy thresholds for every day in the chart.
Lapeer County

Retail & recreation
-20% compared to baseline

Grocery & pharmacy
-10% compared to baseline

Parks
-11% compared to baseline

Transit stations

Workplaces
-28% compared to baseline

Residential
+12% compared to baseline

Leelanau County

Retail & recreation

Grocery & pharmacy

Parks

Transit stations

Workplaces

Residential

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Lenawee County

Retail & recreation  
-27% compared to baseline

Grocery & pharmacy  
-3% compared to baseline

Parks  
-80% compared to baseline

Transit stations  
-40% compared to baseline

Workplaces  
-24% compared to baseline

Residential  
-80% compared to baseline

Livingston County

Retail & recreation  
-24% compared to baseline

Grocery & pharmacy  
+11% compared to baseline

Parks  
-21% compared to baseline

Transit stations  
-40% compared to baseline

Workplaces  
-36% compared to baseline

Residential  
+16% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
**Mackinac County**

**Retail & recreation**
- +80%
- +40%
- Baseline
- -40%
- -80%

**Grocery & pharmacy**
- +80%
- +40%
- Baseline
- -40%
- -80%

**Parks**
- +80%
- +40%
- Baseline
- -40%
- -80%

**Transit stations**
- +80%
- +40%
- Baseline
- -40%
- -80%

**Workplaces**
- -19% compared to baseline

**Residential**
- +80%
- +40%
- Baseline
- -40%
- -80%

**Macomb County**

**Retail & recreation**
- -22% compared to baseline

**Grocery & pharmacy**
- -5% compared to baseline

**Parks**
- +32% compared to baseline

**Transit stations**
- -39% compared to baseline

**Workplaces**
- -36% compared to baseline

**Residential**
- +14% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Manistee County

Retail & recreation
-21% compared to baseline

Grocery & pharmacy
+13% compared to baseline

Parks

Transit stations

Workplaces

Residential

Marquette County

Retail & recreation
-21% compared to baseline

Grocery & pharmacy
-5% compared to baseline

Parks

Transit stations

Workplaces

Residential

+12% compared to baseline

* The data doesn't meet quality and privacy thresholds for every day in the chart.
Mason County

Retail & recreation
-18% compared to baseline

Grocery & pharmacy
+3% compared to baseline

Parks

Transit stations

Workplaces
-23% compared to baseline

Residential
+10% compared to baseline

Mecosta County

Retail & recreation
-23% compared to baseline

Grocery & pharmacy
+7% compared to baseline

Parks

Transit stations

Workplaces
-25% compared to baseline

Residential
+10% compared to baseline

* The data doesn't meet quality and privacy thresholds for every day in the chart.
Menominee County

Retail & recreation
+80%
+40%
Baseline
-40%
-80%
Fri, Nov 6  Fri, Nov 27  Fri, Dec 18

Grocery & pharmacy
+80%
+40%
Baseline
-40%
-80%
Fri, Nov 6  Fri, Nov 27  Fri, Dec 18

Parks
+80%
+40%
Baseline
-40%
-80%
Fri, Nov 6  Fri, Nov 27  Fri, Dec 18

Transit stations
+80%
+40%
Baseline
-40%
-80%
Fri, Nov 6  Fri, Nov 27  Fri, Dec 18

Workplaces
-11% compared to baseline

Residential
+8% compared to baseline

Midland County

Retail & recreation
-21% compared to baseline

Grocery & pharmacy
+3% compared to baseline

Parks
+2% compared to baseline

Transit stations
+80%
+40%
Baseline
-40%
-80%
Fri, Nov 6  Fri, Nov 27  Fri, Dec 18

Workplaces
-30% compared to baseline

Residential
+14% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Missaukee County

- Retail & recreation: +14% compared to baseline
- Grocery & pharmacy: -80% compared to baseline
- Parks: +3% compared to baseline
- Transit stations: -30% compared to baseline
- Workplaces: -40% compared to baseline
- Residential: +12% compared to baseline

Monroe County

- Retail & recreation: -23% compared to baseline
- Grocery & pharmacy: -1% compared to baseline
- Parks: +3% compared to baseline
- Transit stations: +32% compared to baseline
- Workplaces: -40% compared to baseline
- Residential: +12% compared to baseline

* The data doesn't meet quality and privacy thresholds for every day in the chart.
Montcalm County

Retail & recreation -18% compared to baseline

Grocery & pharmacy +5% compared to baseline

Parks

Transit stations

Workplaces

Residential +11% compared to baseline

Montmorency County

Retail & recreation

Grocery & pharmacy

Parks

Transit stations

Workplaces

Residential

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
**Muskegon County**

- Retail & recreation: -16% compared to baseline
- Grocery & pharmacy: +4% compared to baseline
- Parks: +13% compared to baseline

- Transit stations: -25% compared to baseline
- Workplaces: -22% compared to baseline
- Residential: +11% compared to baseline

**Newaygo County**

- Retail & recreation: -15% compared to baseline
- Grocery & pharmacy: -8% compared to baseline
- Parks: -21% compared to baseline

- Transit stations: -22% compared to baseline
- Workplaces: +11% compared to baseline
- Residential: +11% compared to baseline

* The data doesn't meet quality and privacy thresholds for every day in the chart.*
Oakland County

Retail & recreation -26% compared to baseline

Grocery & pharmacy -7% compared to baseline

Parks +2% compared to baseline

Transit stations -45% compared to baseline

Workplaces -44% compared to baseline

Residential +19% compared to baseline

Oceana County

Retail & recreation +2% compared to baseline

Grocery & pharmacy

Parks -32% compared to baseline

Transit stations -14% compared to baseline

Workplaces

Residential +9% compared to baseline

* The data doesn't meet quality and privacy thresholds for every day in the chart.
Ogemaw County

Retail & recreation
-20% compared to baseline

Grocery & pharmacy
+13% compared to baseline

Parks

Transit stations

Workplaces
-20% compared to baseline

Residential
+8% compared to baseline

Osceola County

Retail & recreation

Grocery & pharmacy
+13% compared to baseline

Parks

Transit stations

Workplaces
-17% compared to baseline

Residential
+10% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Oscoda County

Retail & recreation

-80% compared to baseline
-40% compared to baseline
Baseline

Grocery & pharmacy

+80% compared to baseline
+40% compared to baseline
Baseline

Parks

+80% compared to baseline
+40% compared to baseline
Baseline

Transit stations

Baseline

Workplaces

-24% compared to baseline

Residential

Baseline

Otsego County

Retail & recreation

-17% compared to baseline

Grocery & pharmacy

+15% compared to baseline

Parks

Baseline

Transit stations

Baseline

Workplaces

-20% compared to baseline

Residential

Baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Ottawa County

Retail & recreation -22% compared to baseline

Grocery & pharmacy +7% compared to baseline

Parks +18% compared to baseline

Transit stations -8% compared to baseline

Workplaces -25% compared to baseline

Residential +14% compared to baseline

Presque Isle County

Retail & recreation★

Grocery & pharmacy★

Parks★

Transit stations★

Workplaces★

Residential★

-18% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Roscommon County

Retail & recreation
-26% compared to baseline

Grocery & pharmacy
-1% compared to baseline

Parks

Transit stations

Workplaces
-24% compared to baseline

Residential
+9% compared to baseline

Saginaw County

Retail & recreation
-19% compared to baseline

Grocery & pharmacy
+1% compared to baseline

Parks

Transit stations
-19% compared to baseline

Workplaces
-34% compared to baseline

Residential
+12% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Sanilac County

Retail & recreation  
-26% compared to baseline

Grocery & pharmacy
0% compared to baseline

Parks

Transit stations

Workplaces

Residential

+11% compared to baseline

Schoolcraft County

Retail & recreation

Grocery & pharmacy

Parks

Transit stations

Workplaces

Residential

-24% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Shiawassee County

Retail & recreation
-24% compared to baseline

Grocery & pharmacy
+3% compared to baseline

Parks

Transit stations

Workplaces
-29% compared to baseline

Residential
+11% compared to baseline

St. Clair County

Retail & recreation
-22% compared to baseline

Grocery & pharmacy
-4% compared to baseline

Parks

Transit stations
+1% compared to baseline

Workplaces
-20% compared to baseline

Residential
+11% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
St. Joseph County

Retail & recreation
-17% compared to baseline

Grocery & pharmacy
-5% compared to baseline

Parks

Transit stations

Workplaces
-19% compared to baseline

Residential
+9% compared to baseline

Tuscola County

Retail & recreation
-27% compared to baseline

Grocery & pharmacy
-4% compared to baseline

Parks

Transit stations

Workplaces
-25% compared to baseline

Residential
+10% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Van Buren County

Retail & recreation
-20% compared to baseline

Grocery & pharmacy
+3% compared to baseline

Parks

Transit stations

Workplaces
-13% compared to baseline

Residential
+12% compared to baseline

Washtenaw County

Retail & recreation
-36% compared to baseline

Grocery & pharmacy
-15% compared to baseline

Parks

Transit stations
-52% compared to baseline

Workplaces
-47% compared to baseline

Residential
+20% compared to baseline

* The data doesn’t meet quality and privacy thresholds for every day in the chart.
Wayne County

- **Retail & recreation**: -28% compared to baseline
- **Grocery & pharmacy**: -10% compared to baseline
- **Parks**: -15% compared to baseline
- **Transit stations**: -38% compared to baseline
- **Workplaces**: -37% compared to baseline
- **Residential**: +14% compared to baseline

Wexford County

- **Retail & recreation**: -15% compared to baseline
- **Grocery & pharmacy**: +4% compared to baseline
- **Parks**: +14% compared to baseline
- **Transit stations**: -18% compared to baseline
- **Workplaces**: +9% compared to baseline

* 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 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