

# Victoria 1 September 2020

### Mobility changes

This data set is intended to help remediate the impact of COVID-19. It shouldn't be used for medical diagnostic, prognostic or treatment purposes. Nor is it intended to be used for guidance on personal travel plans.

The data shows how visits to places, such as corner shops 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 categorised 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 and recreation

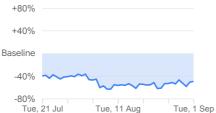
compared to baseline -80%

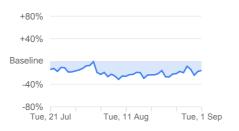
Supermarket and pharmacy

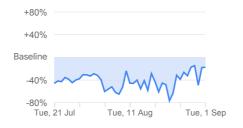
compared to baseline

**Parks** 

compared to baseline







Mobility trends for places such as restaurants, cafés, shopping centres, theme parks, museums, libraries and cinemas.

Mobility trends for places such as supermarkets, food warehouses, farmers markets, specialty food shops and pharmacies.

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

Public transport

-73%

compared to baseline



Mobility trends for places that are public transport hubs, such as underground, bus and train stations.

Workplaces

-48%

compared to baseline

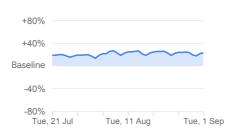


Mobility trends for places of work.

Residential

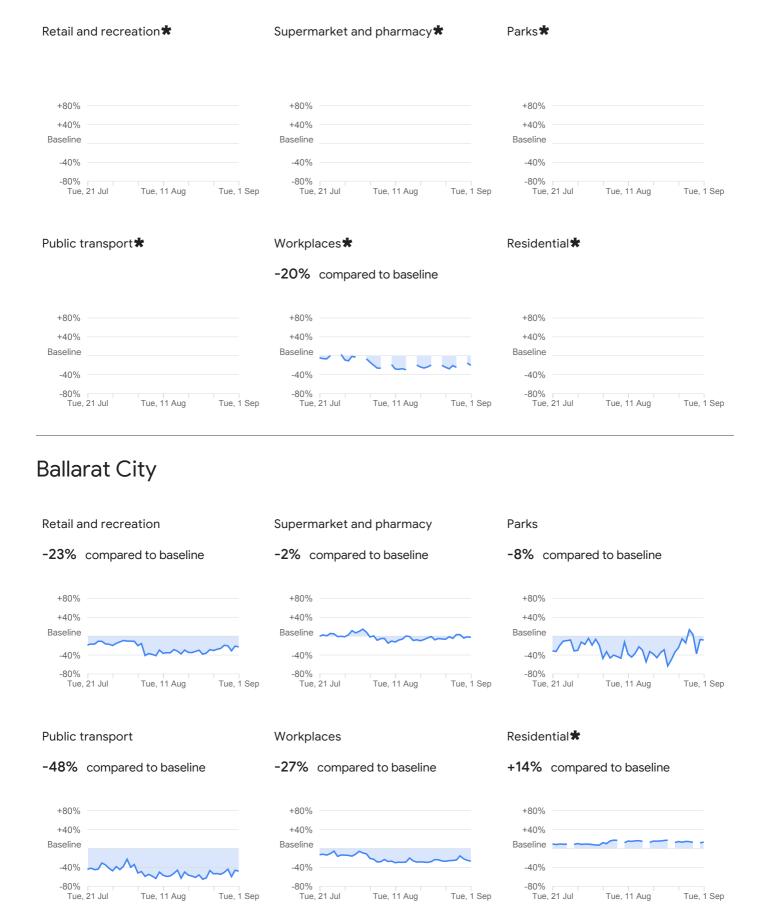
+23%

compared to baseline



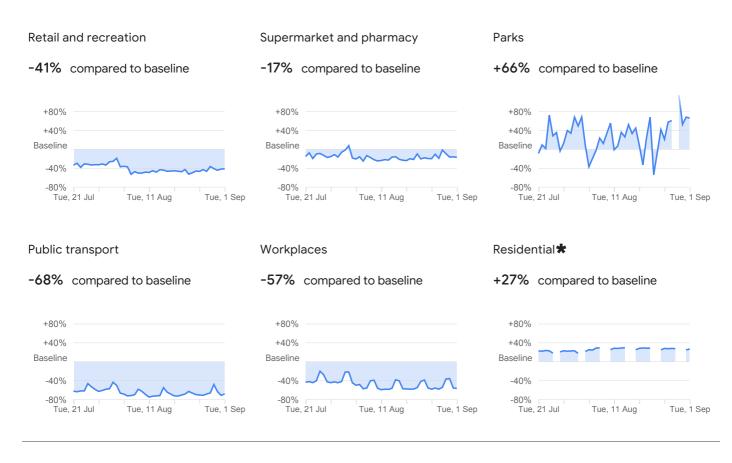
Mobility trends for places of residence.

### Alpine Shire

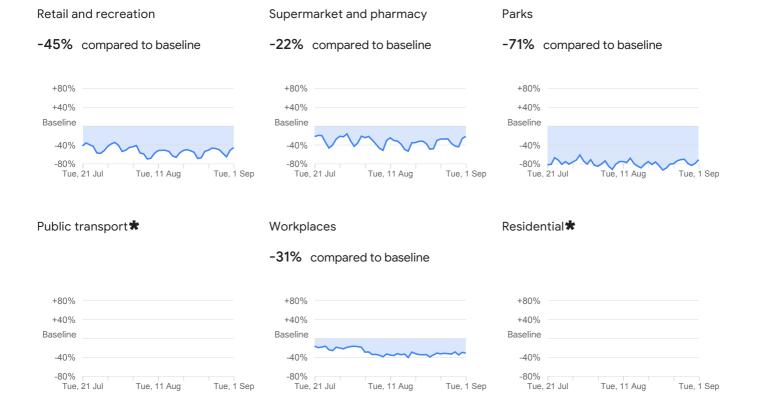


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### **Banyule City**

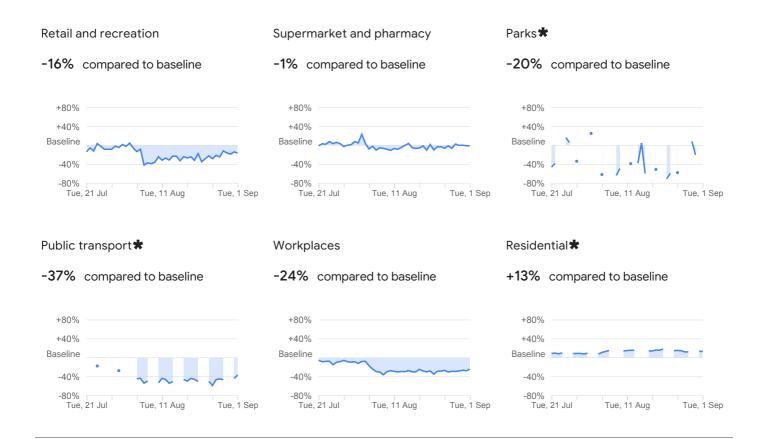


#### **Bass Coast Shire**

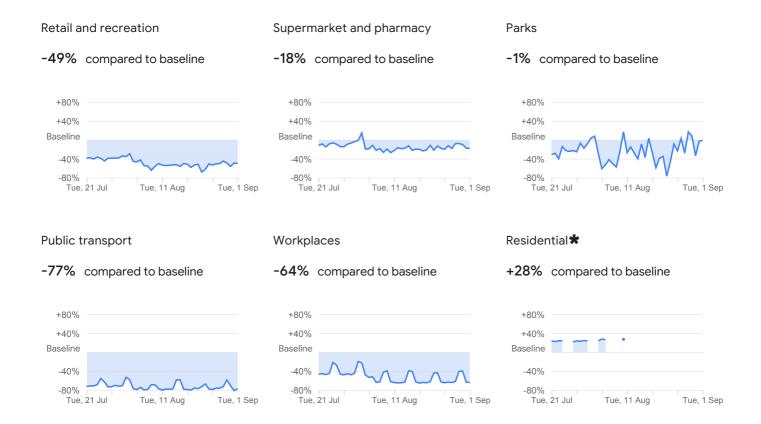


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

#### **Baw Baw Shire**

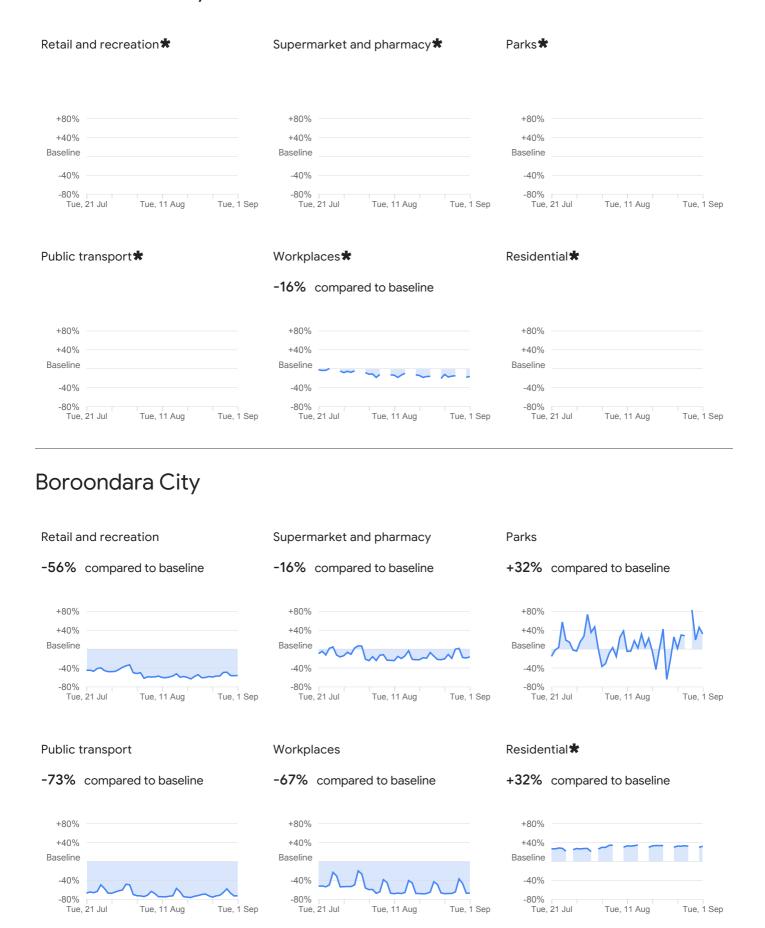


# **Bayside City**



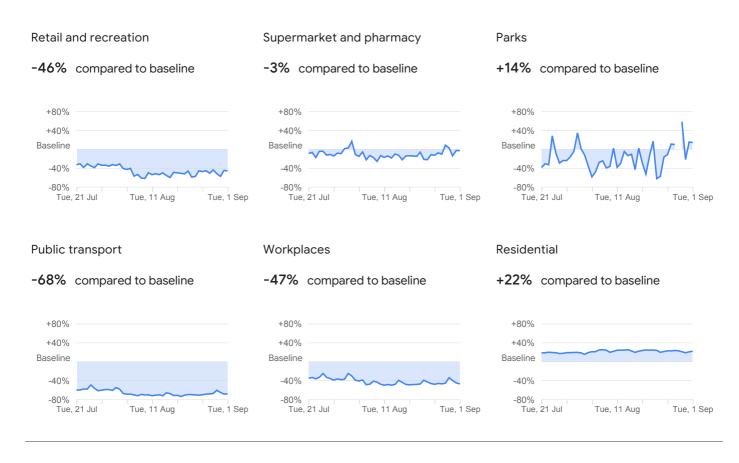
<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Benalla Rural City

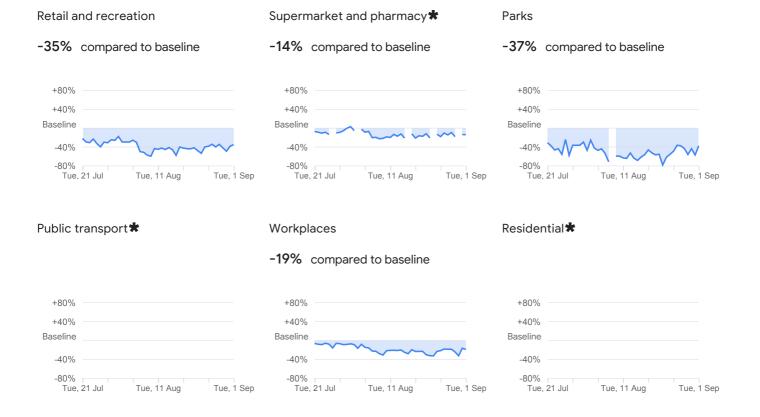


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### **Brimbank City**

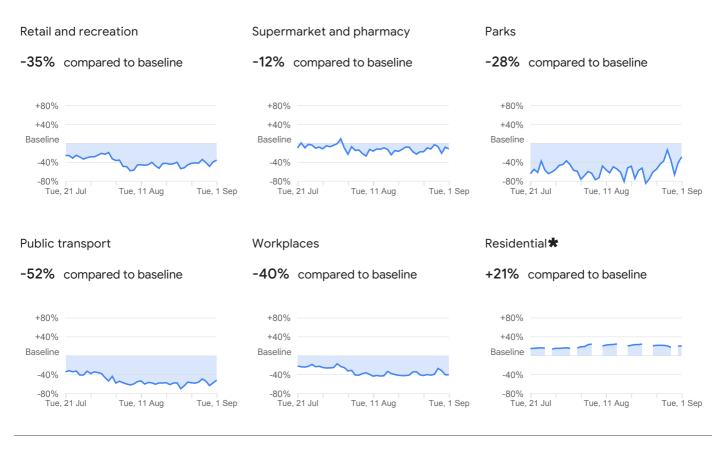


# Campaspe Shire

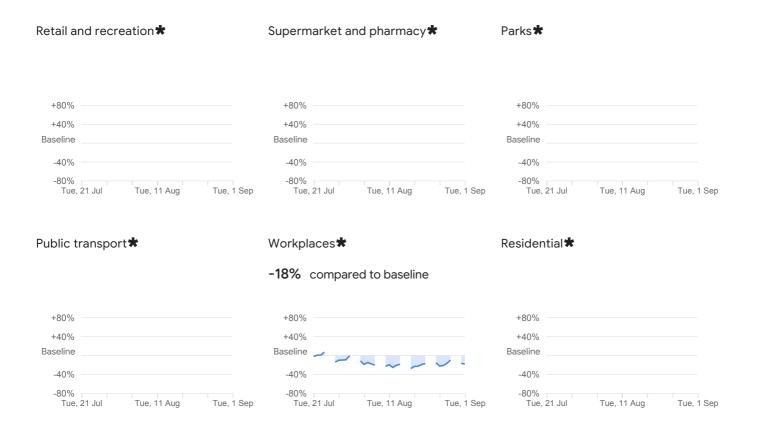


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

#### Cardinia Shire

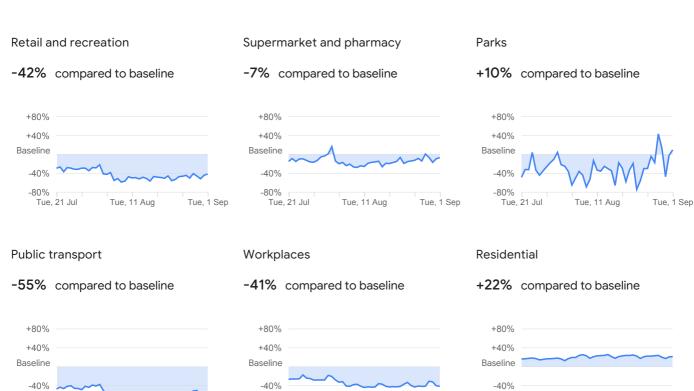


#### Central Goldfields Shire



<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

# City of Casey



Tue, 11 Aug

-80%

Tue, 21 Jul

Tue, 11 Aug

Tue, 1 Sep

Tue, 1 Sep

-80%

Tue, 1 Sep

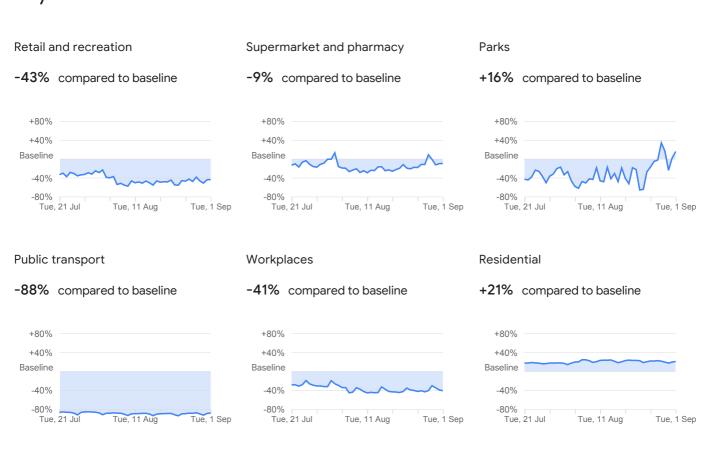
Tue, 21 Jul

# City of Hume

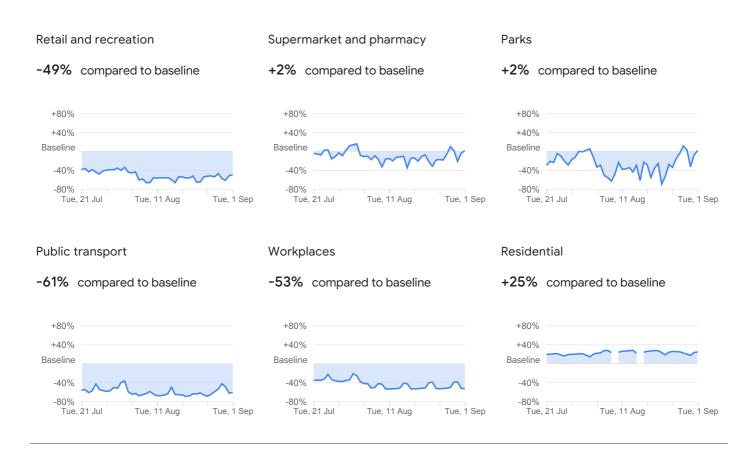
-80%

Tue, 21 Jul

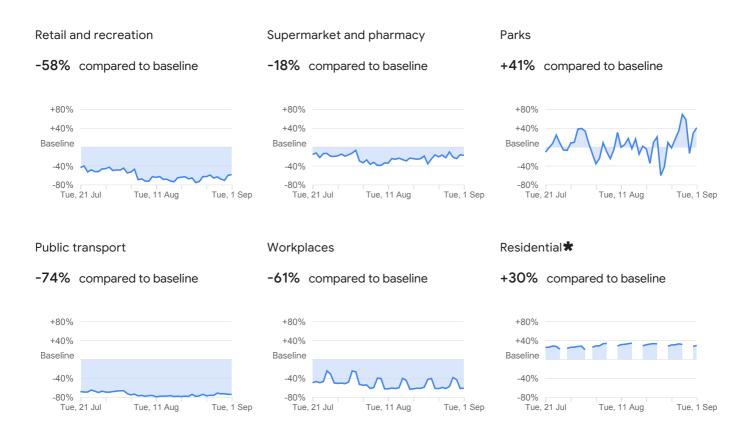
Tue, 11 Aug



### City of Knox

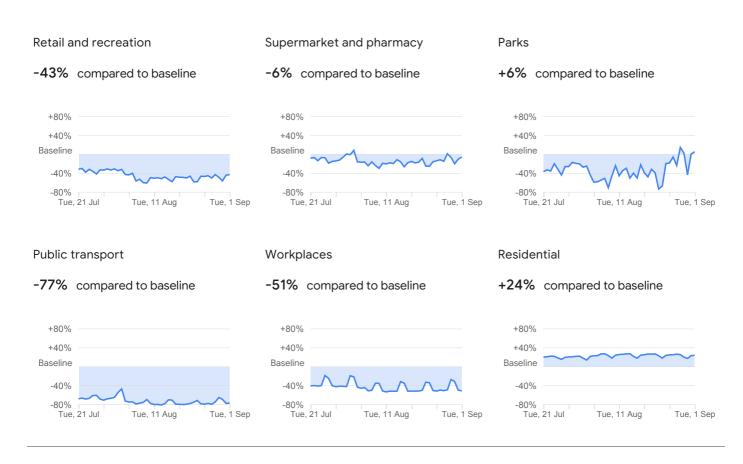


# City of Maribyrnong

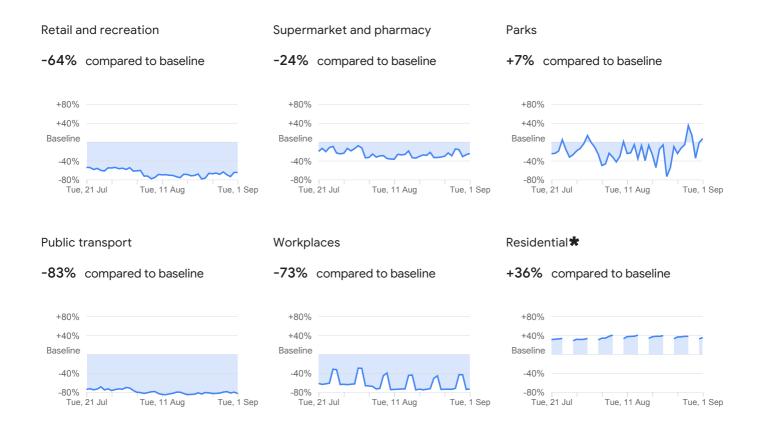


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### City of Wyndham

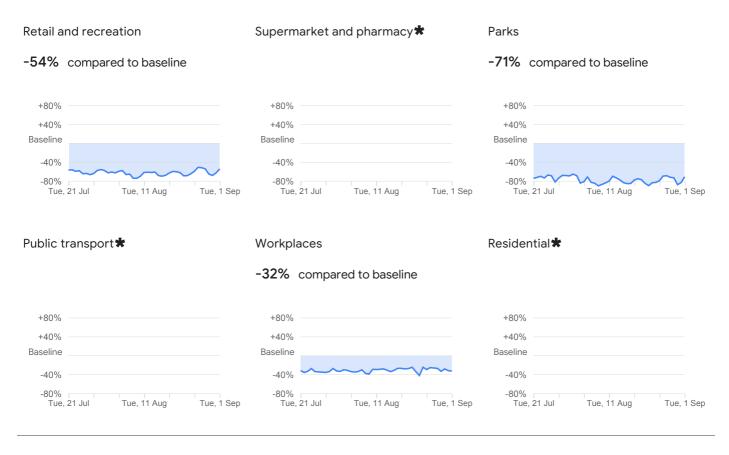


# City of Yarra

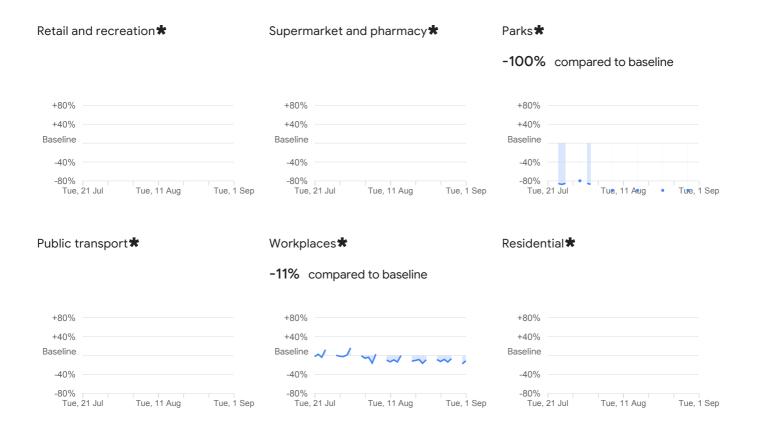


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

# Colac Otway Shire

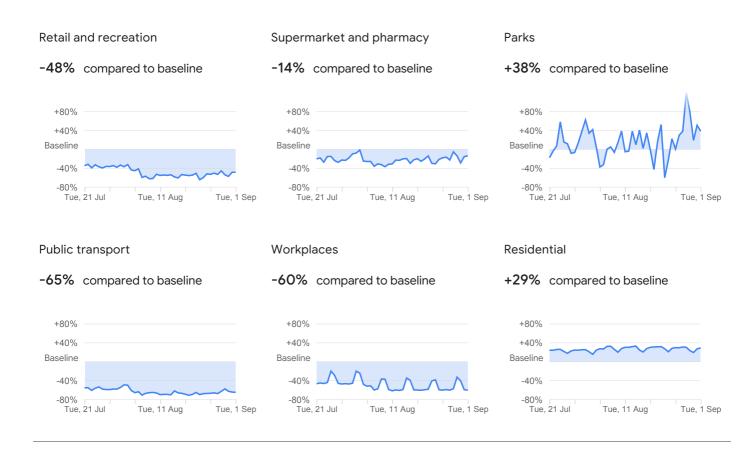


# Corangamite Shire

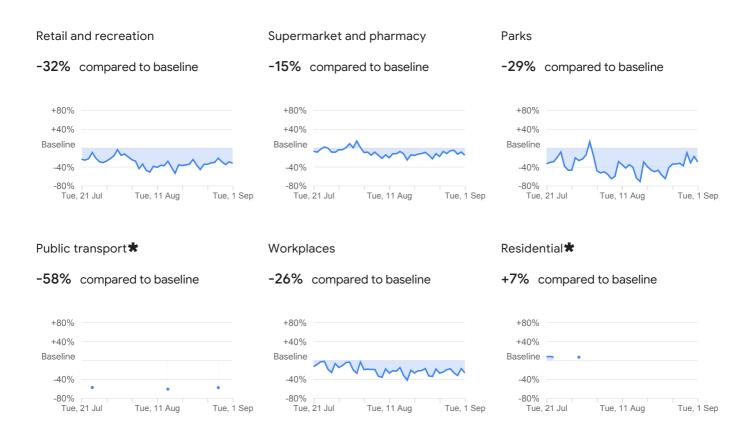


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Darebin City

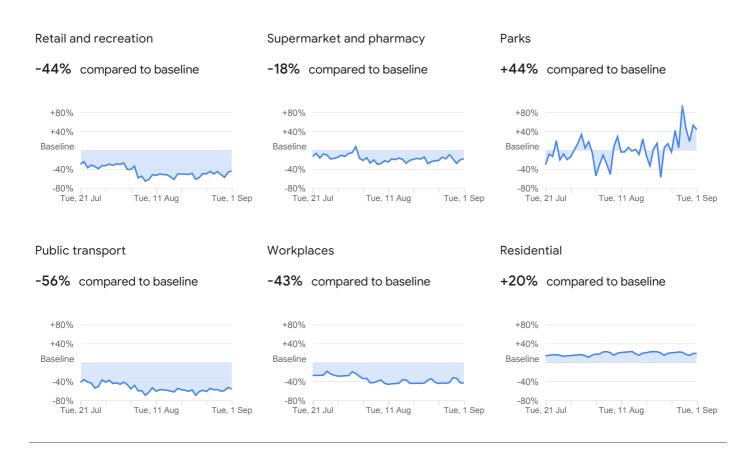


# East Gippsland Shire

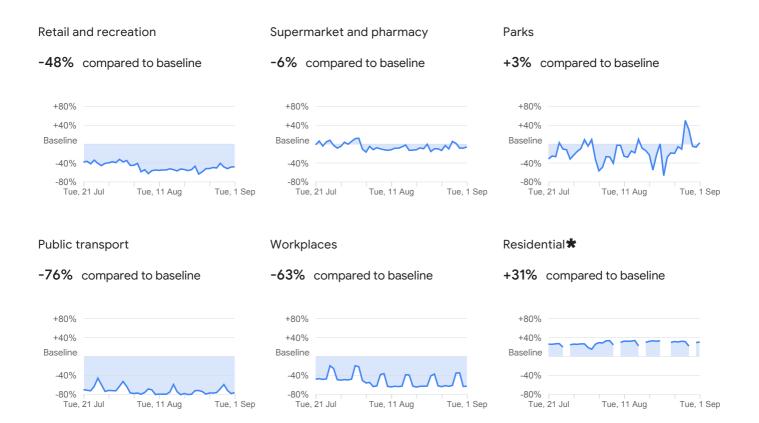


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Frankston City

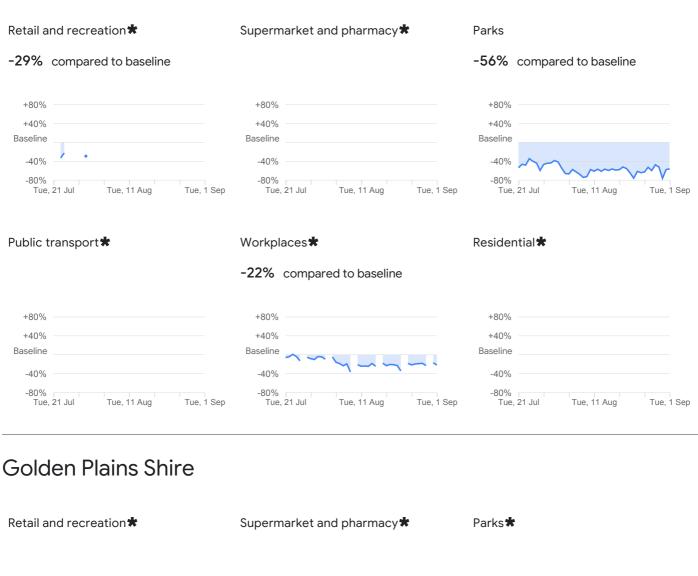


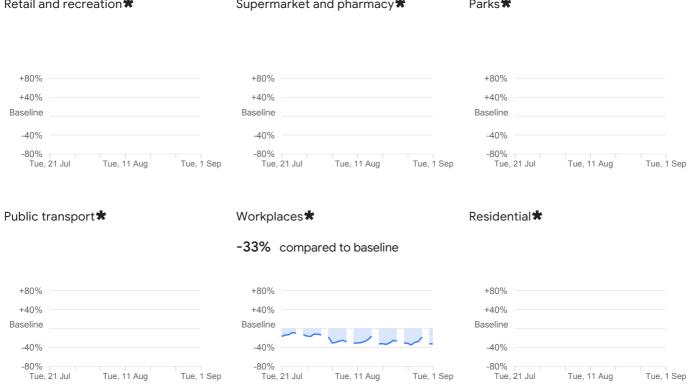
# Glen Eira City



<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

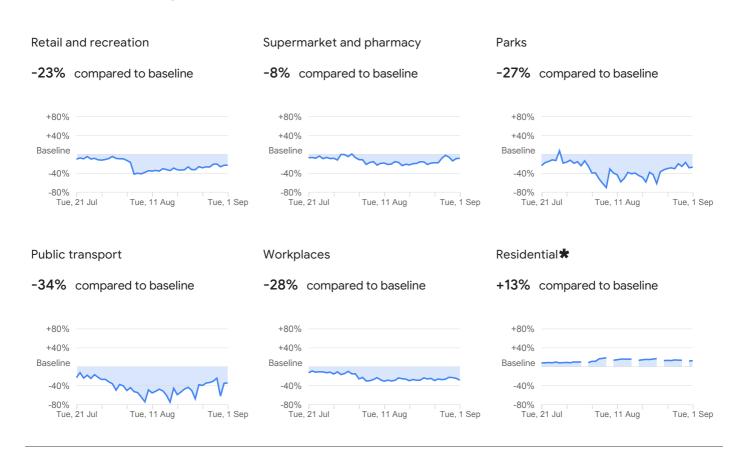
### Glenelg Shire



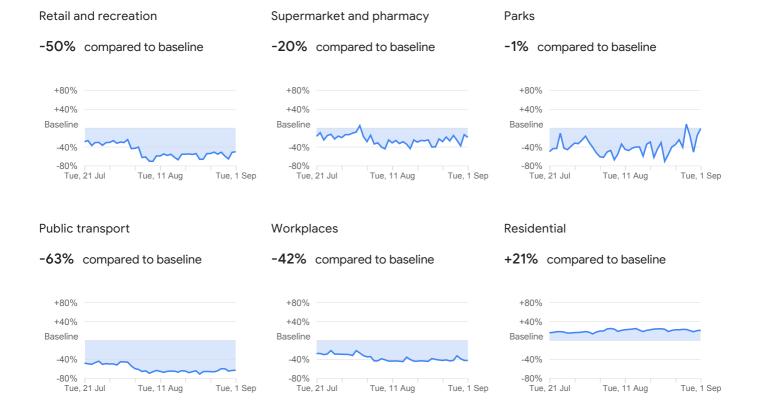


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Greater Bendigo City

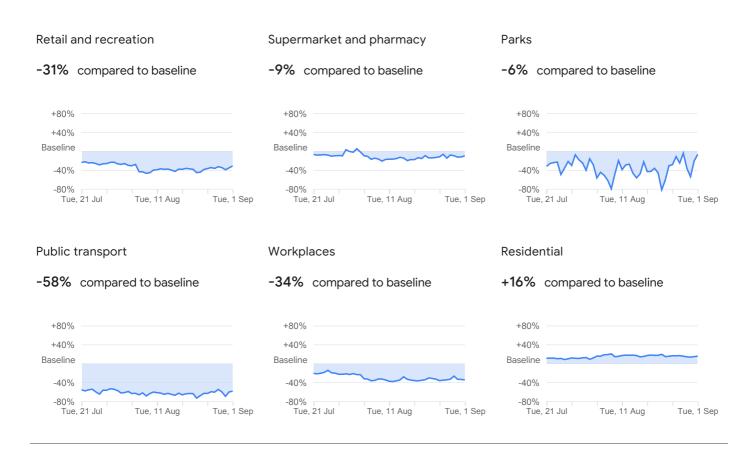


# Greater Dandenong City

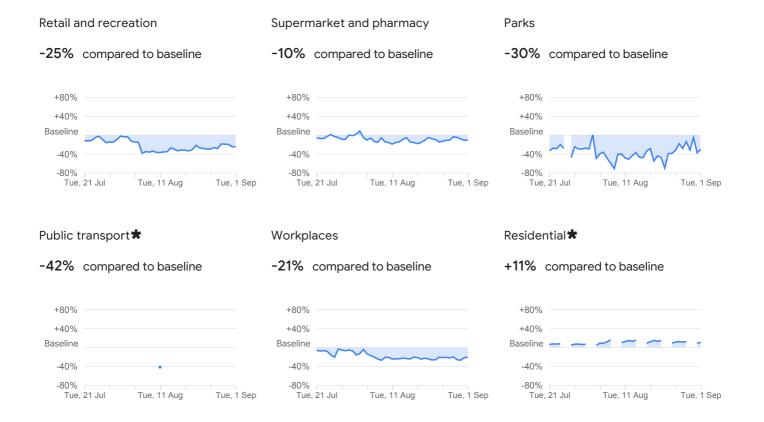


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Greater Geelong City

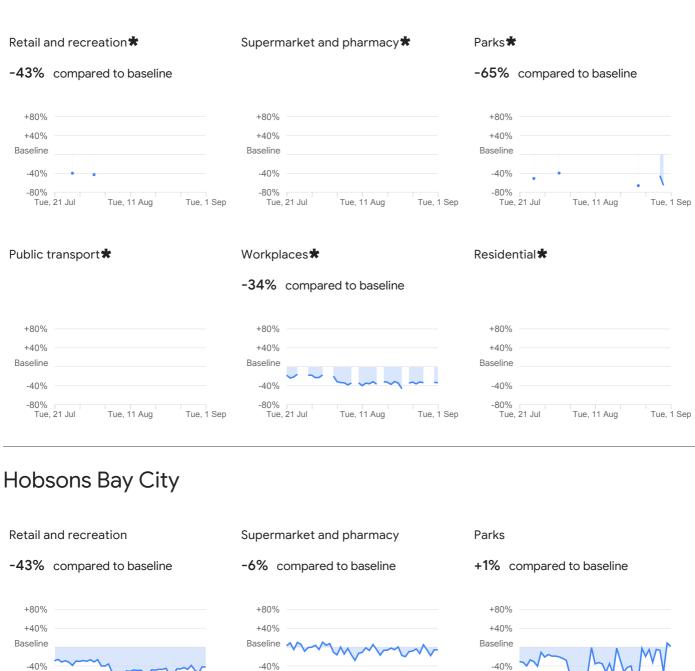


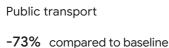
# Greater Shepparton City



<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

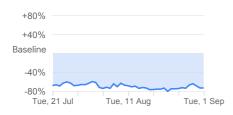
### Hepburn Shire





Tue, 21 Jul

-80%



Tue. 11 Aug

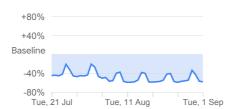
#### Workplaces

-80%

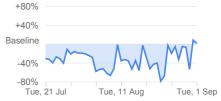
Tue. 21 Jul

Tue, 1 Sep

-58% compared to baseline



Tue, 11 Aug



#### Residential\*

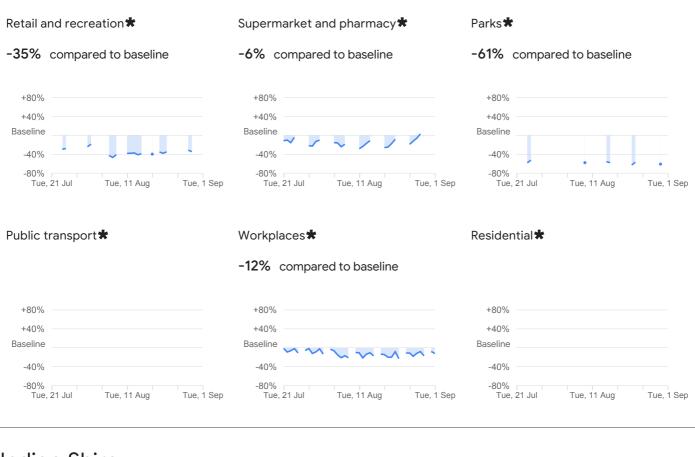
Tue, 1 Sep

+26% compared to baseline

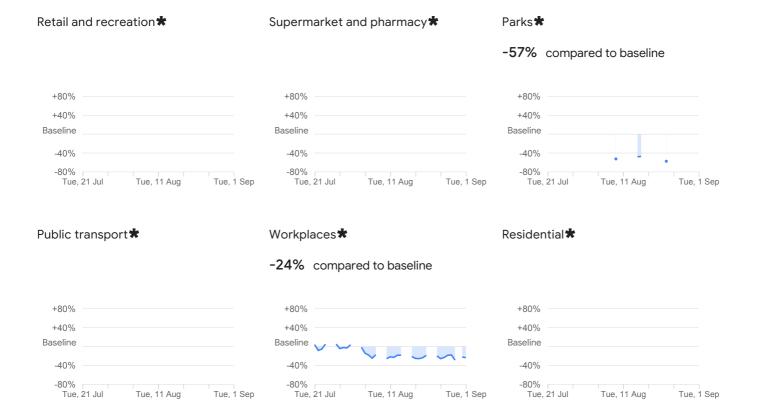


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Horsham Rural City

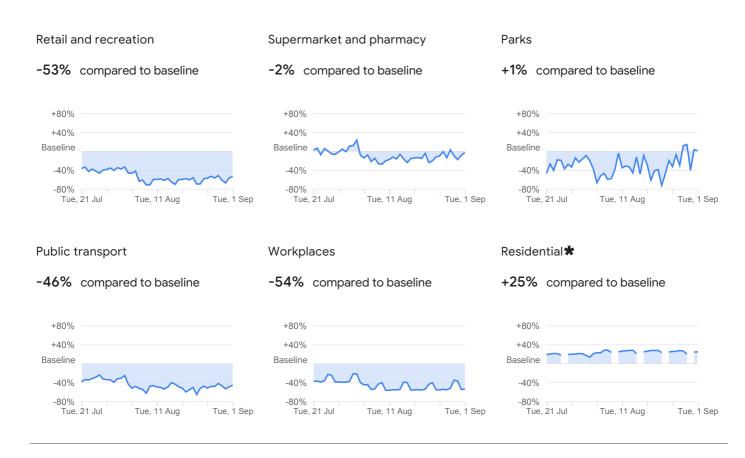


# Indigo Shire

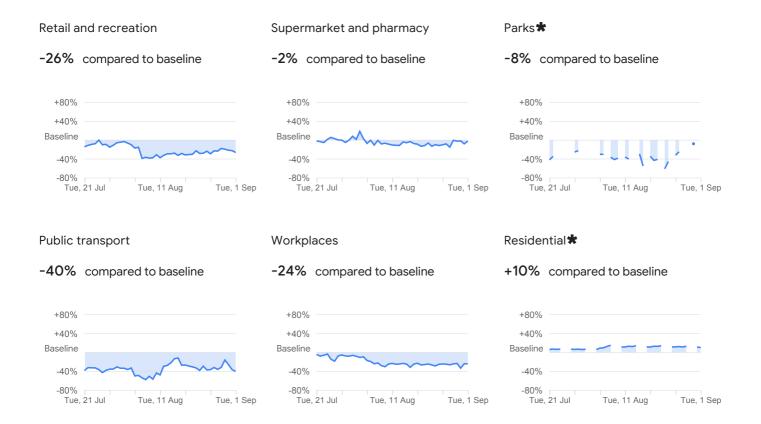


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Kingston City

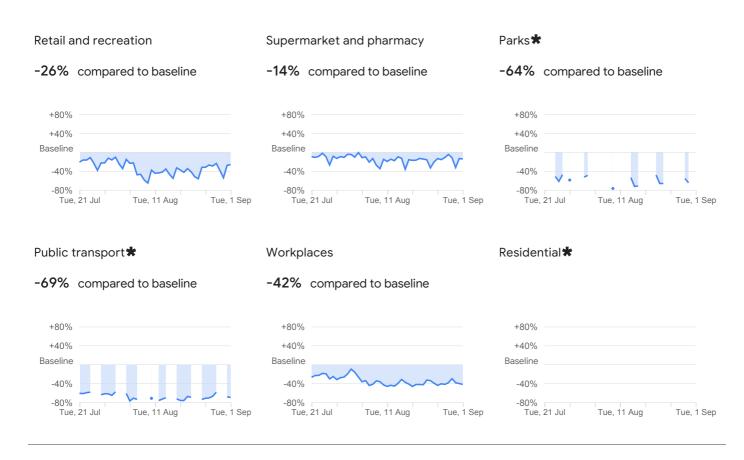


# Latrobe City

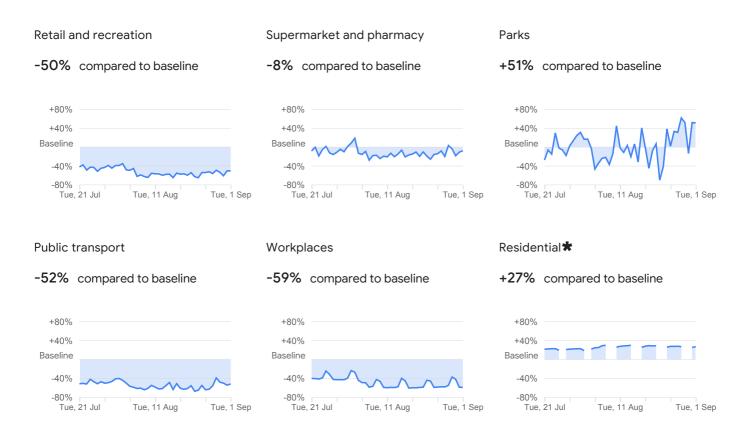


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Macedon Ranges Shire

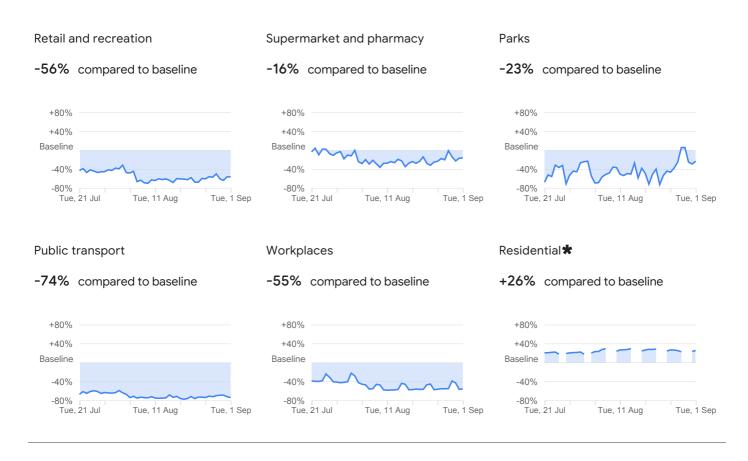


# Manningham City

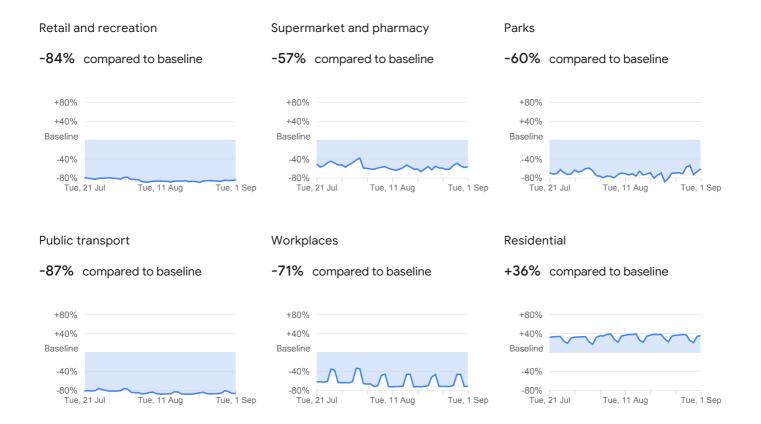


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Maroondah City

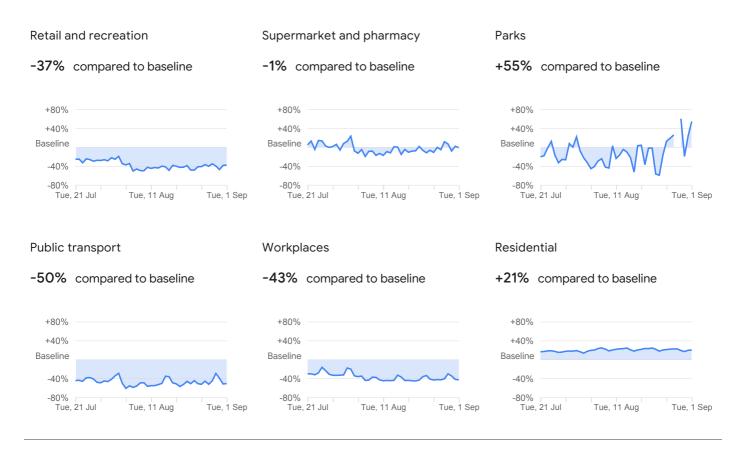


# Melbourne City

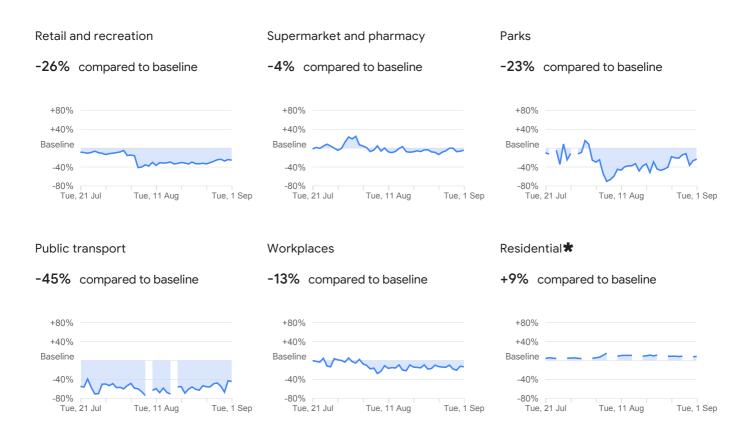


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Melton City

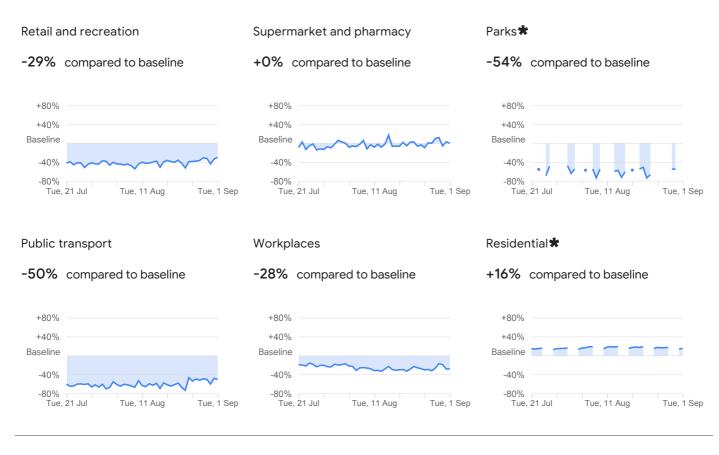


# Mildura Rural City

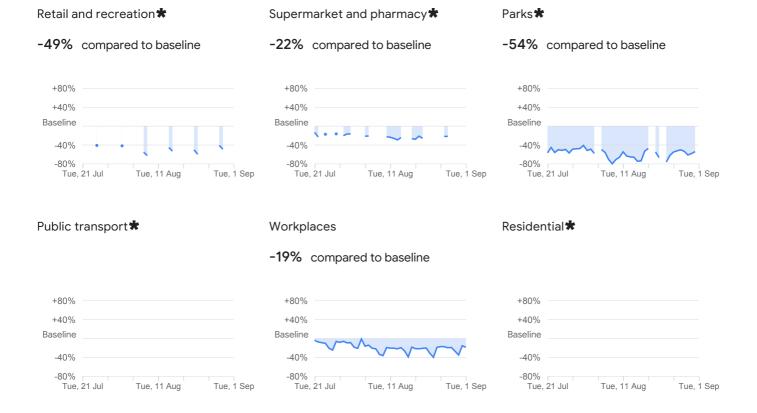


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

#### Mitchell Shire

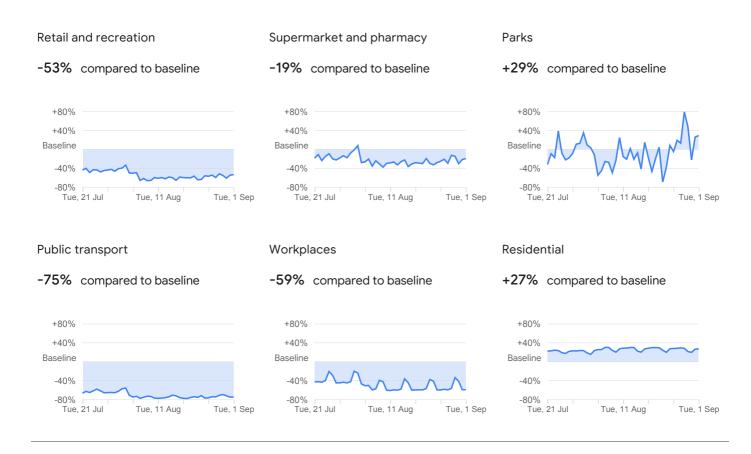


#### Moira Shire

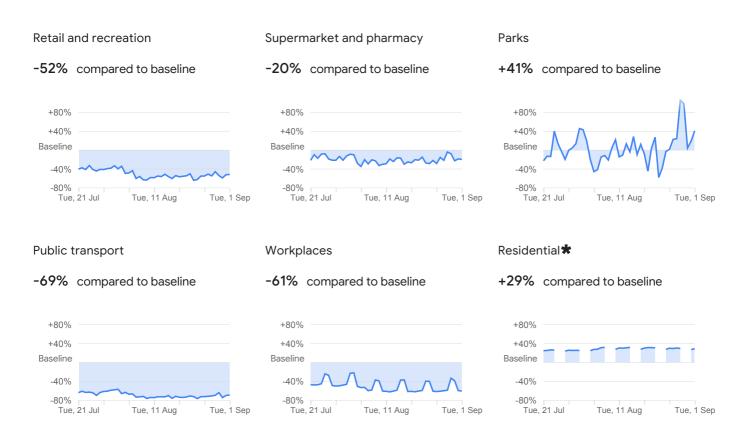


<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Monash City

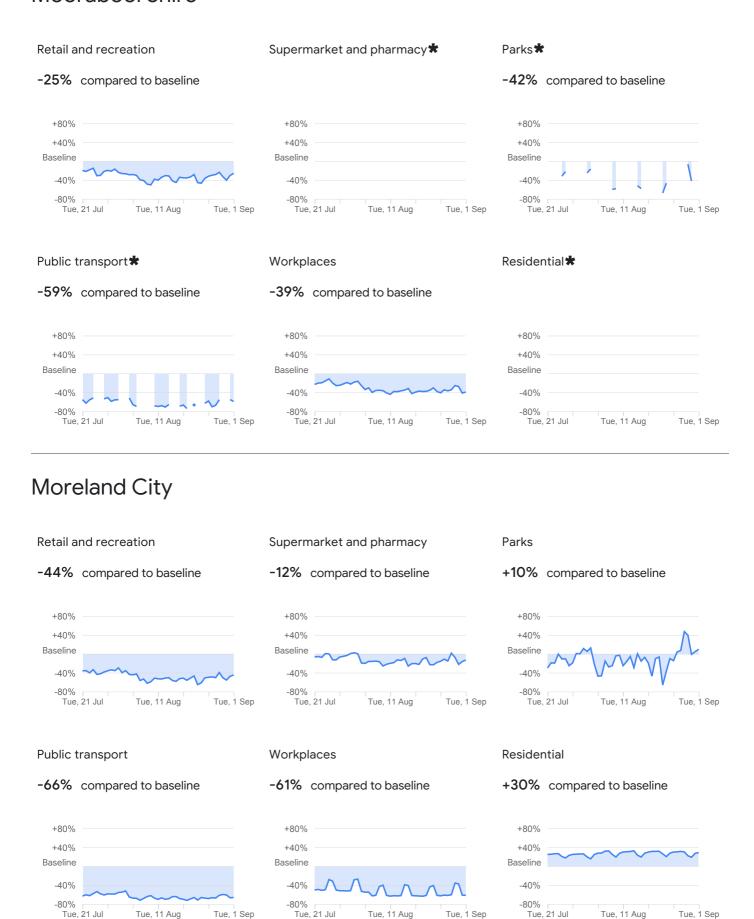


# Moonee Valley City



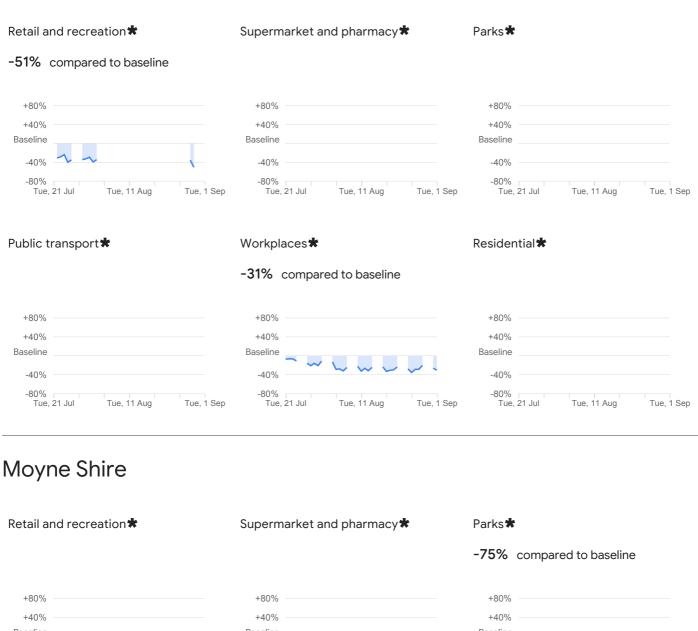
<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

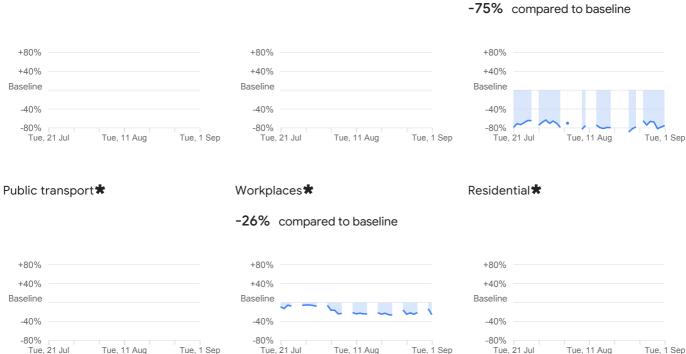
#### **Moorabool Shire**



<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

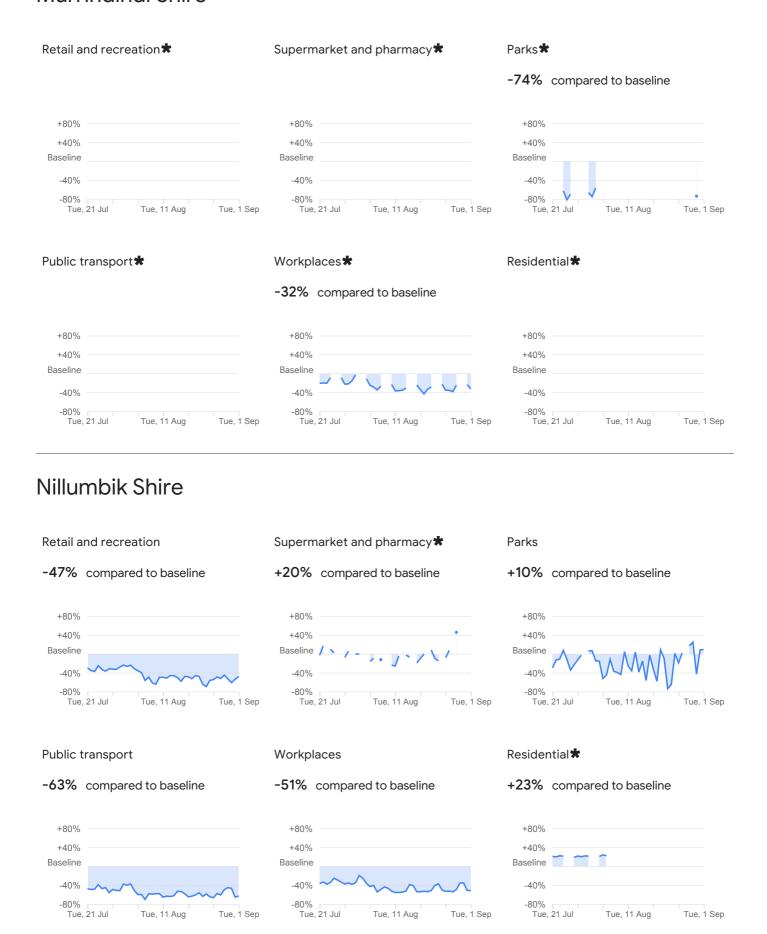
#### Mount Alexander Shire





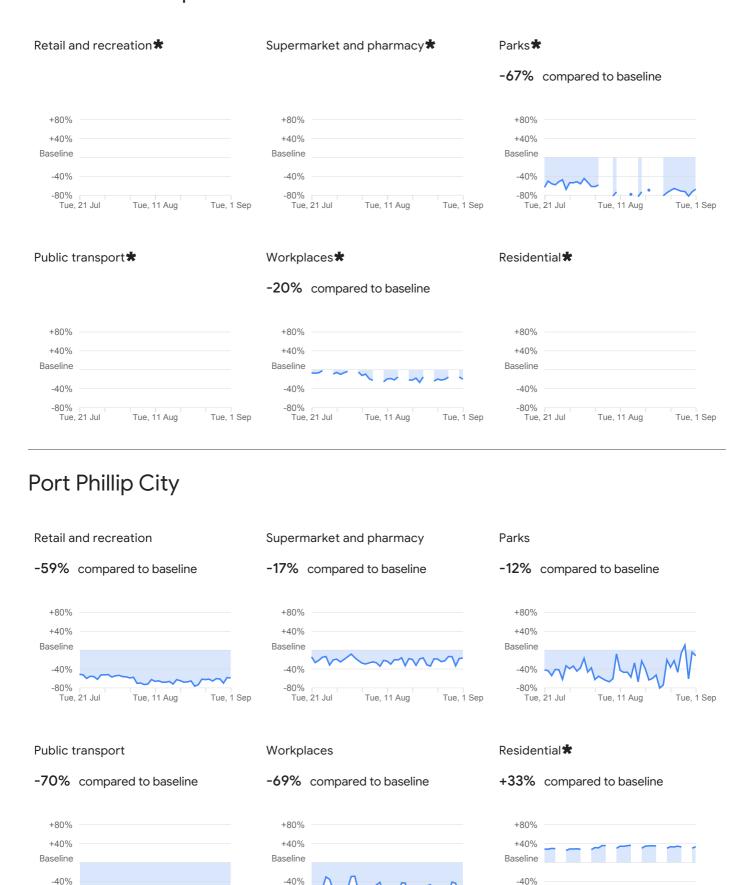
<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

#### Murrindindi Shire



<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

# Northern Grampians Shire



Tue, 1 Sep

-80%

Tue, 21 Jul

Tue, 11 Aug

-80%

Tue, 21 Jul

Tue, 11 Aug

Tue, 1 Sep

Tue, 1 Sep

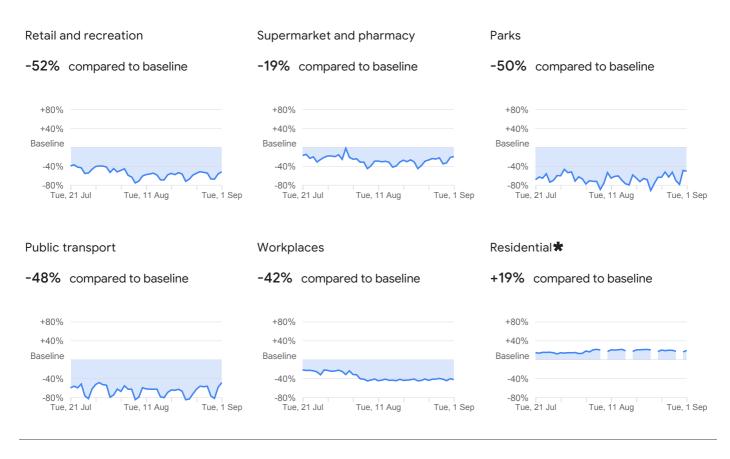
-80%

Tue, 21 Jul

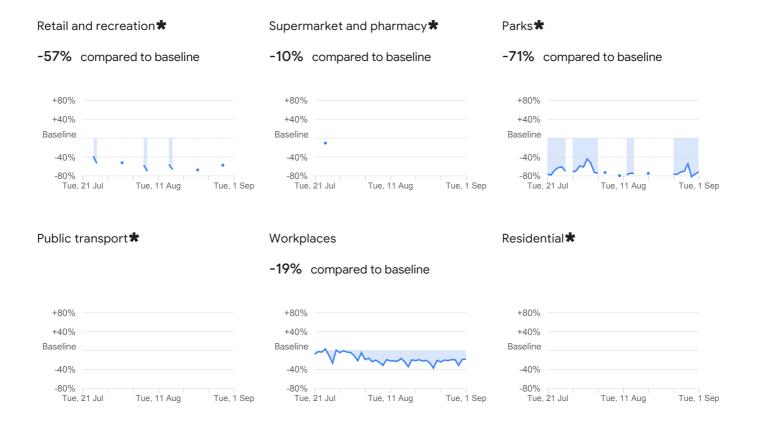
Tue, 11 Aug

<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

# Shire of Mornington Peninsula

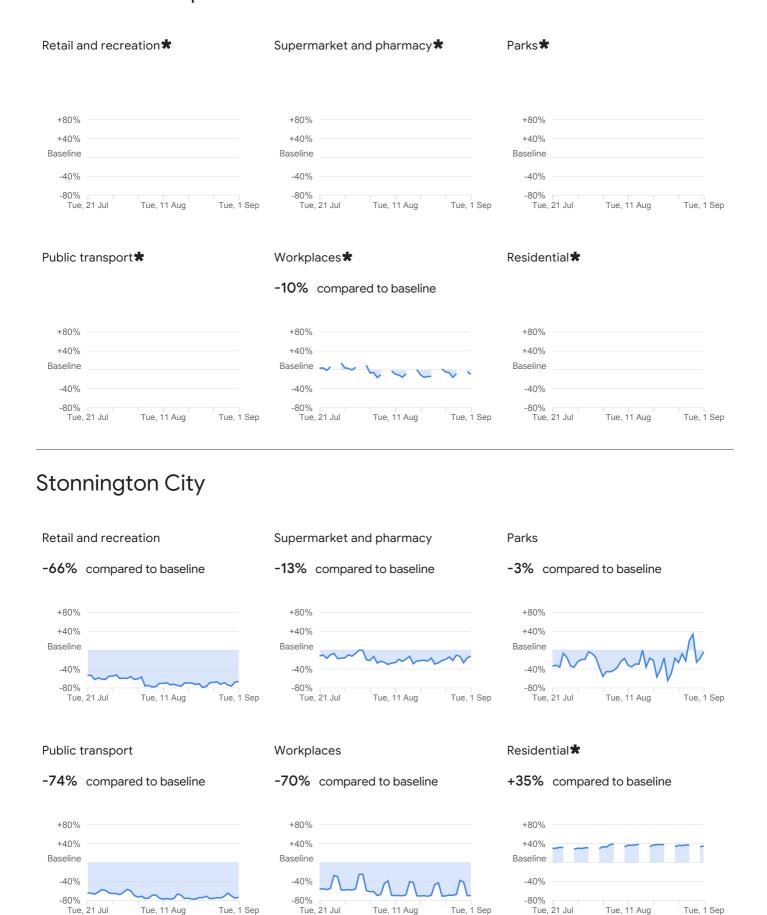


# South Gippsland Shire



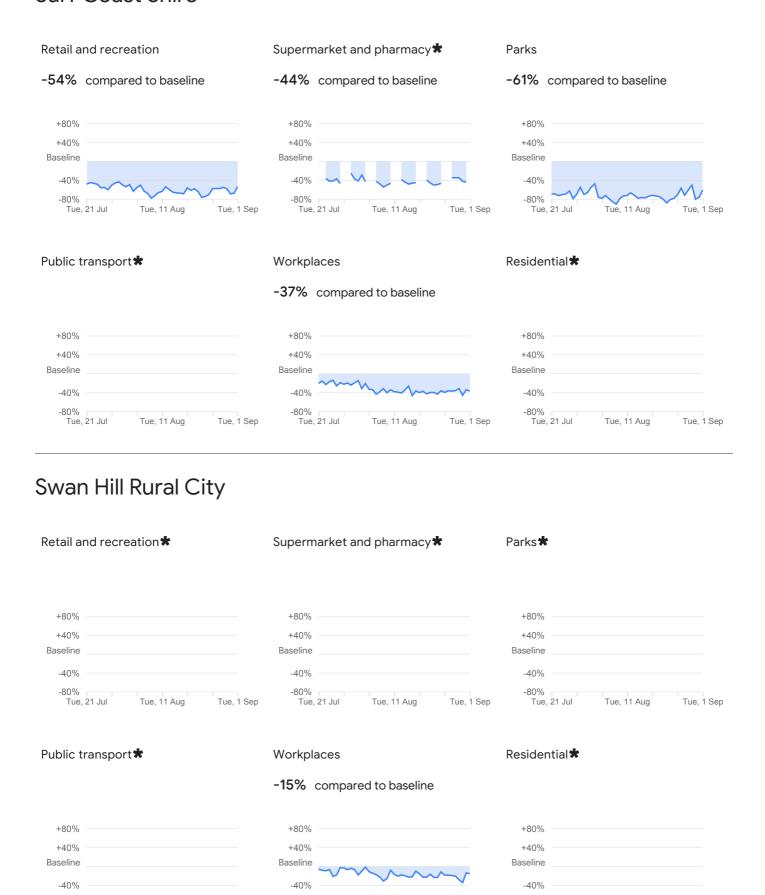
<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

# Southern Grampians Shire



<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Surf Coast Shire



Tue, 1 Sep

-80%

Tue, 21 Jul

Tue, 11 Aug

-80%

Tue, 1 Sep

Tue, 21 Jul

Tue, 11 Aug

Tue, 1 Sep

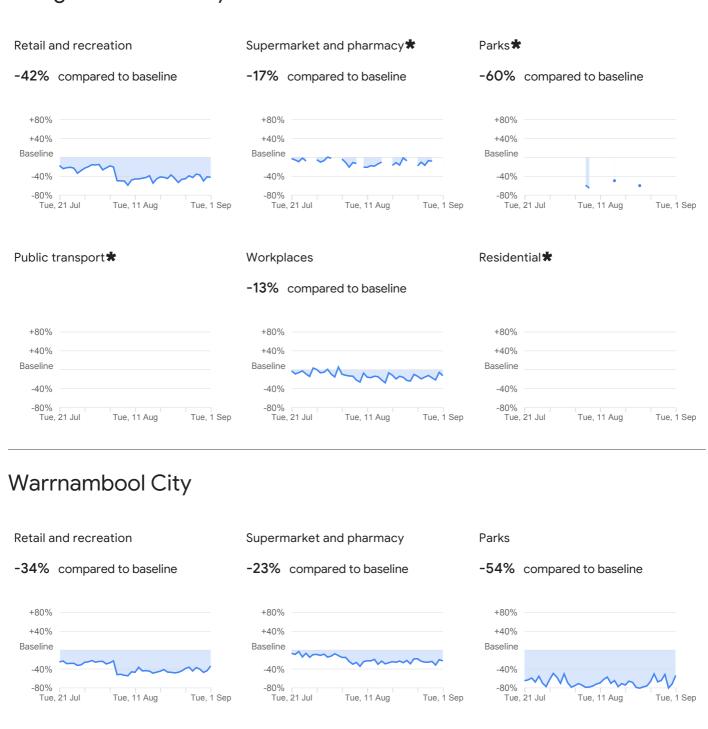
-80%

Tue, 21 Jul

Tue, 11 Aug

<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

### Wangaratta Rural City

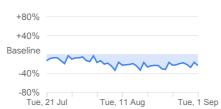




Public transport\*

### Workplaces

#### -23% compared to baseline



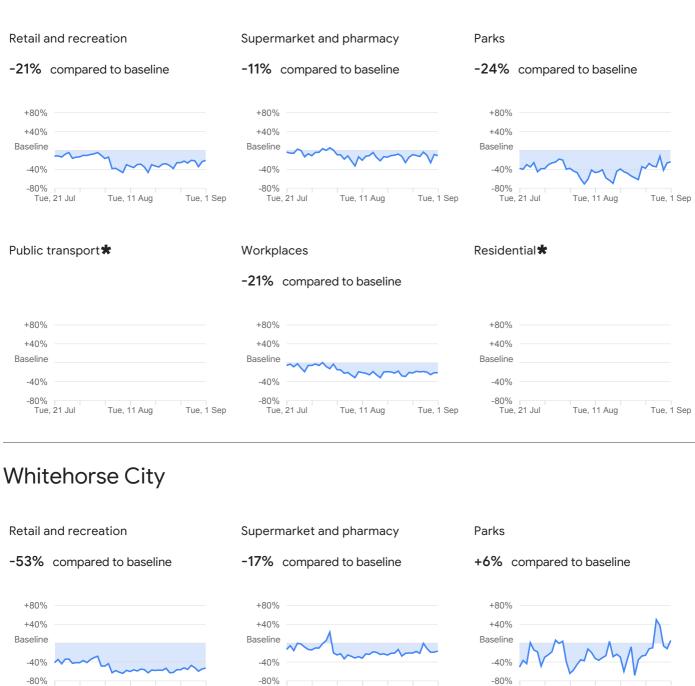
#### Residential\*



<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

Tue, 1 Sep

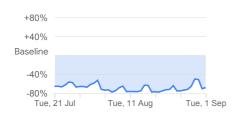
### Wellington Shire





Tue, 21 Jul

-68% compared to baseline

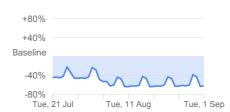


Tue, 11 Aug

#### Workplaces

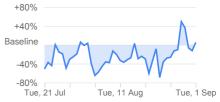
Tue, 21 Jul

-62% compared to baseline



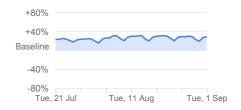
Tue, 11 Aug

Tue, 1 Sep



#### Residential

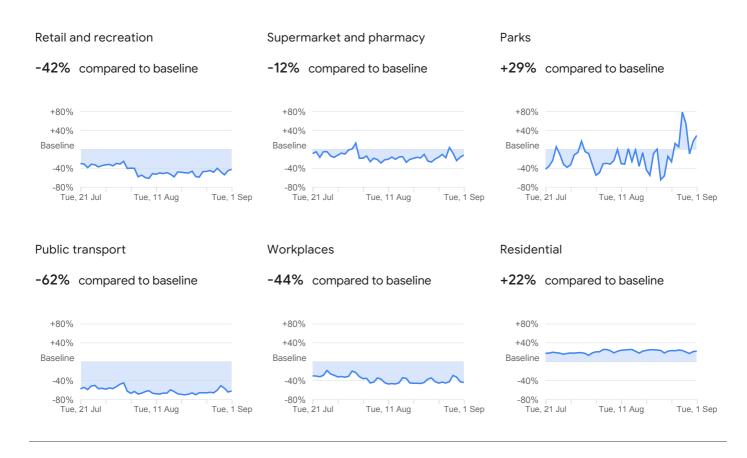
+29% compared to baseline



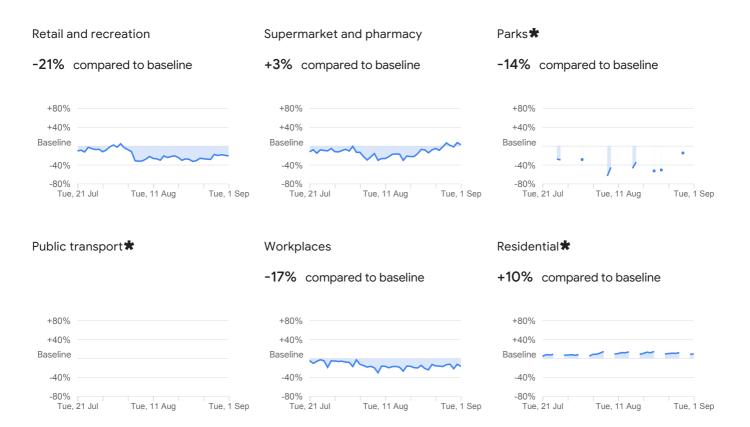
<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

Tue, 1 Sep

### Whittlesea City

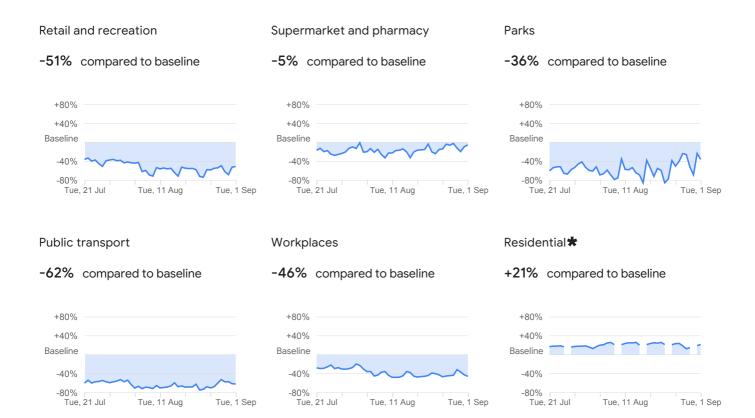


# Wodonga City



<sup>\*</sup> The data doesn't meet quality and privacy thresholds for every day in the chart.

# Yarra Ranges Shire



<sup>\*</sup> 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 anonymised 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 fiveweek period 3 Jan 6 Feb 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).

The data that 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 for 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 that the data represents a sample of our users. As with all samples, this may or may not represent the exact behaviour of a wider population.

We continue to improve our reports as places close and reopen. We updated the way that we calculate changes for *groceries and pharmacy*, retail and recreation, public transport stations and parks categories. For regions published before May 2020, the data may contain a consistent shift (up or down) which starts between 11–18 April 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, anonymised 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 anonymisation 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 data sets 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 get the most out of this report in your work, visit Mobility Reports Help.

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