

United Kingdom May 16, 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

-74%

compared to baseline

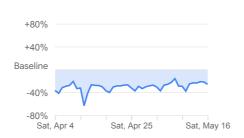


Mobility trends for places like restaurants, cafes, shopping centers, theme parks, museums, libraries, and movie theaters.

Grocery & pharmacy

-25%

compared to baseline

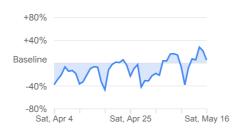


Mobility trends for places like grocery markets, food warehouses, farmers markets, specialty food shops, drug stores, and pharmacies.

Parks

+5%

compared to baseline



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

Transit stations

-58%

compared to baseline



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

Workplaces

-43%

compared to baseline

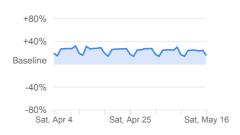


Mobility trends for places of work.

Residential

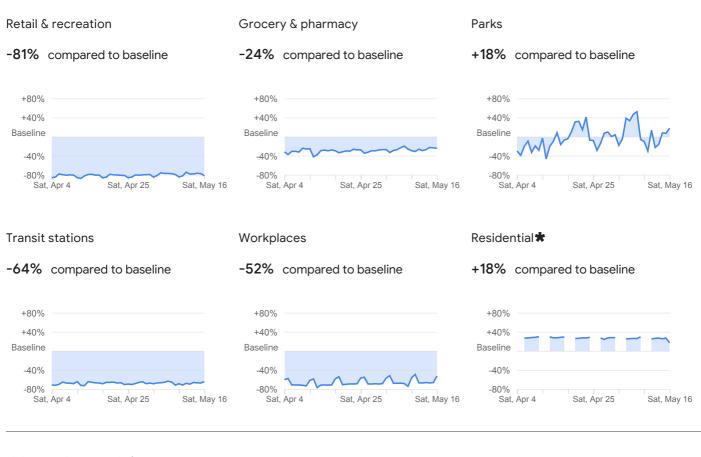
+15%

compared to baseline

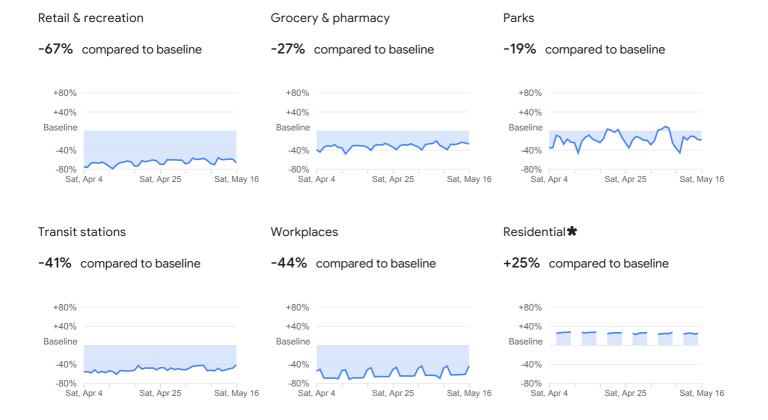


Mobility trends for places of residence.

Aberdeen City

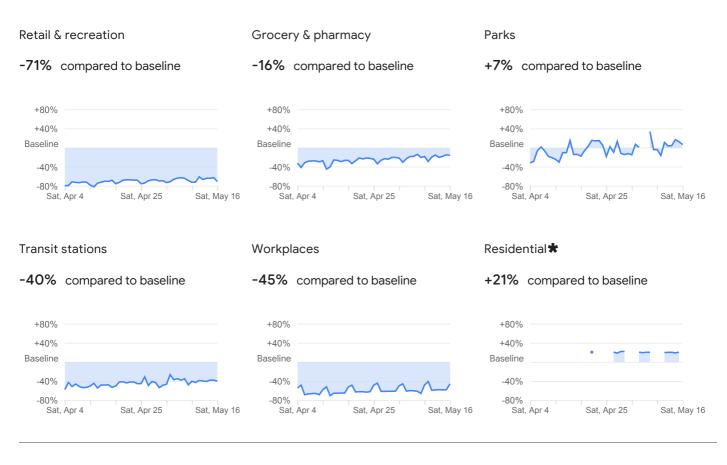


Aberdeenshire

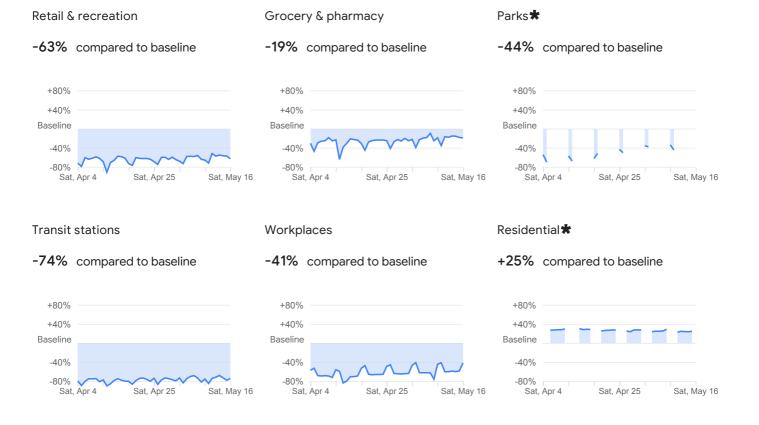


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Angus Council

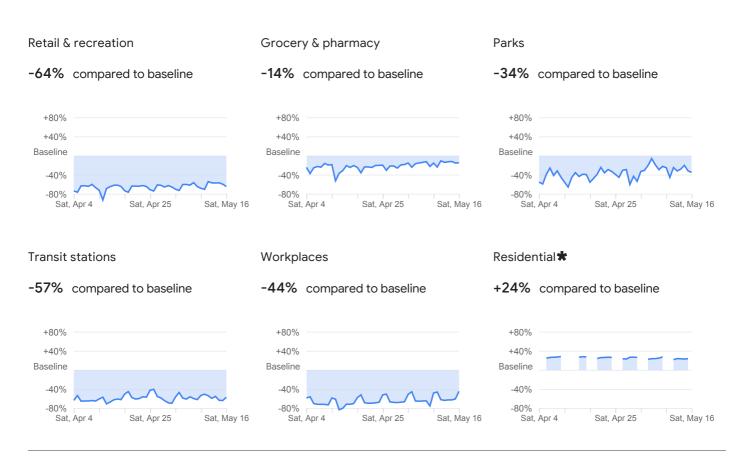


Antrim and Newtownabbey

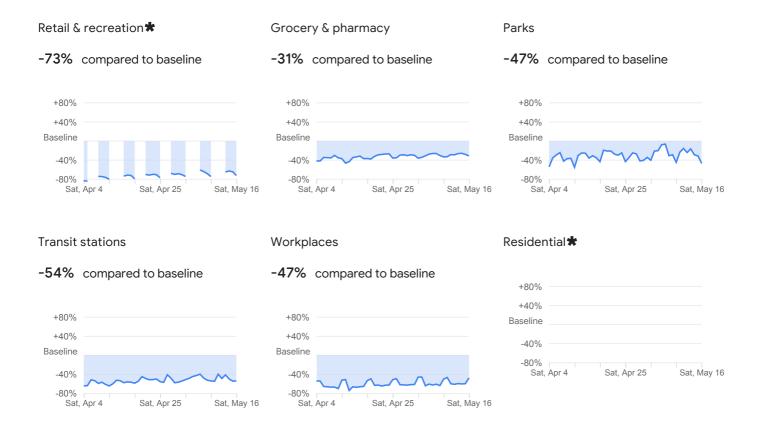


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Ards and North Down

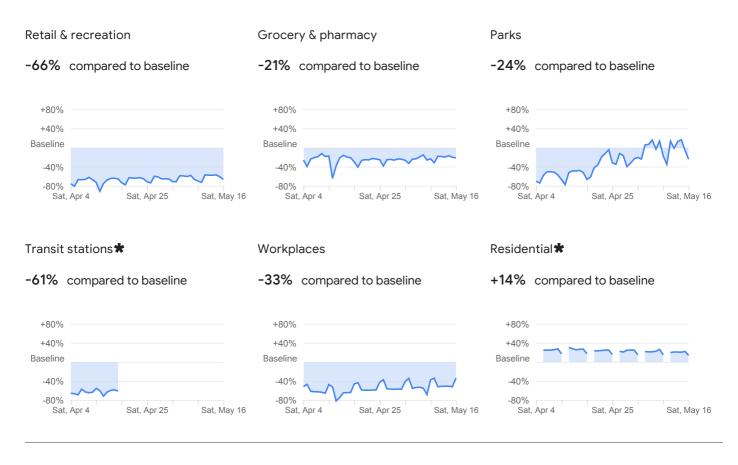


Argyll and Bute Council

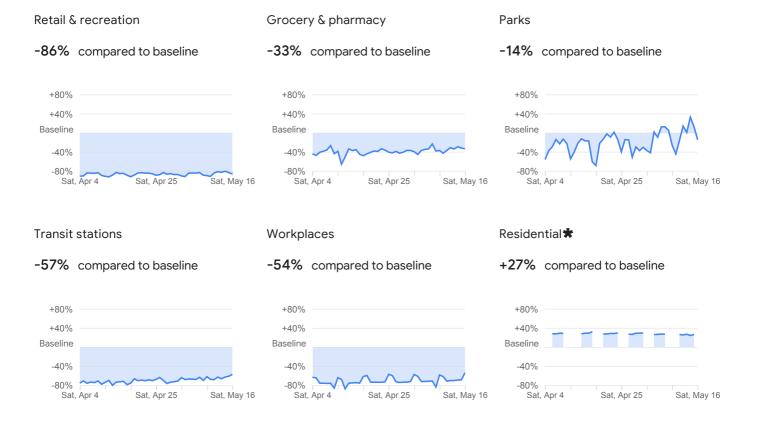


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Armagh City, Banbridge and Craigavon

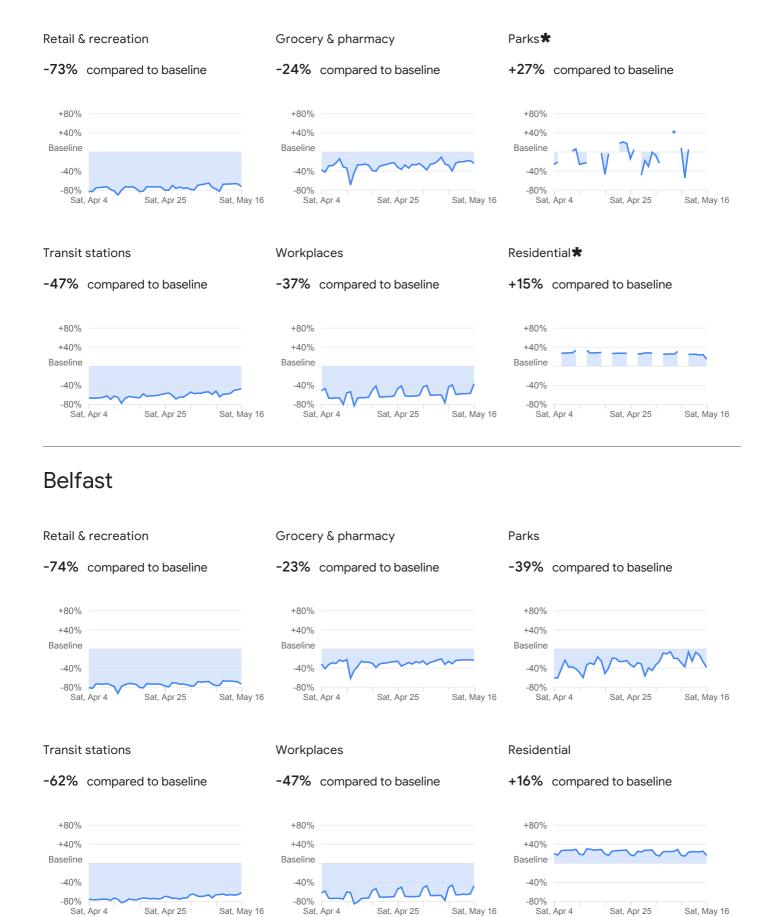


Bath and North East Somerset



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Bedford



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Blackburn with Darwen

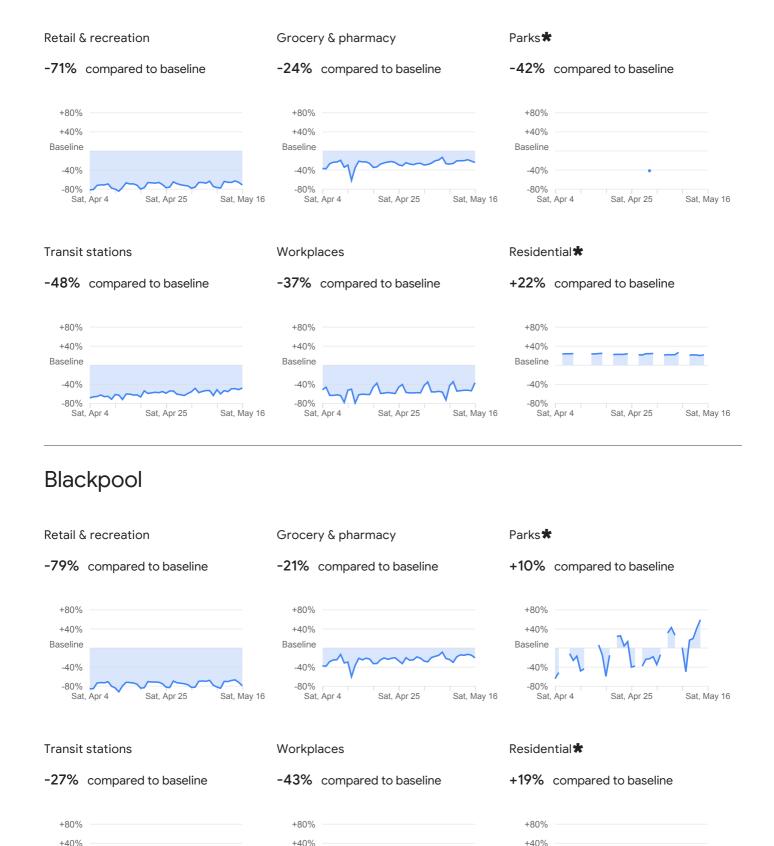
Baseline

-40%

-80%

Sat. Apr 4

Sat, Apr 25



Sat, Apr 25

Baseline

-40%

-80%

Sat. Apr 4

Sat. May 16

Baseline

-40%

-80%

Sat Apr 4

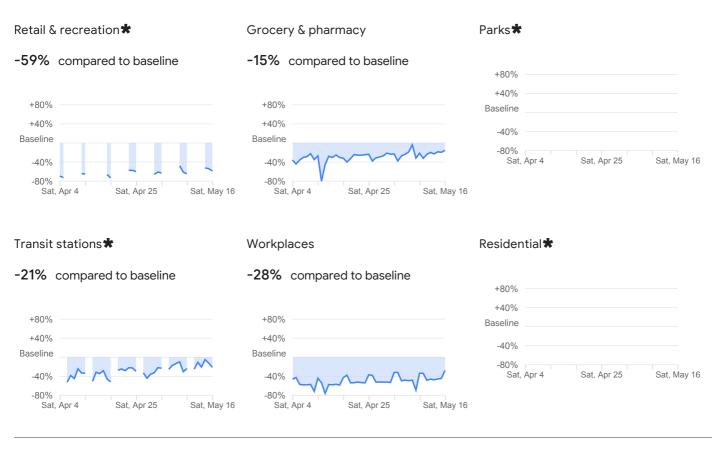
Sat Apr 25

Sat. May 16

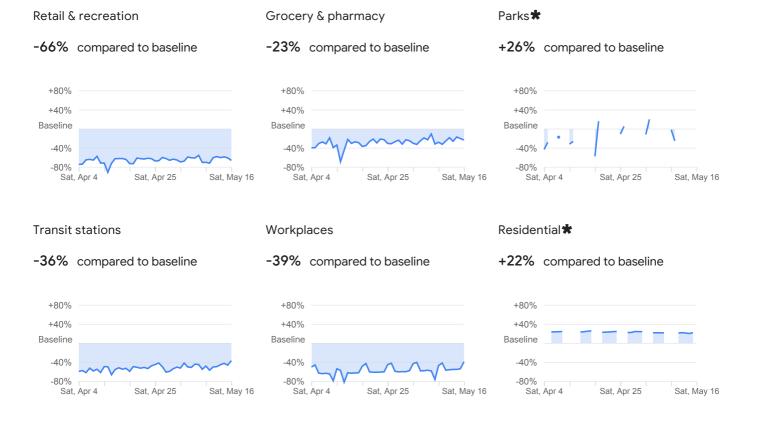
Sat, May 16

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Blaenau Gwent

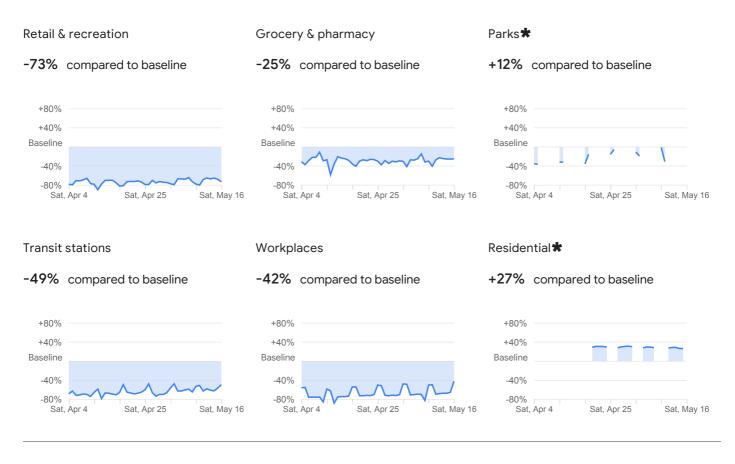


Borough of Halton

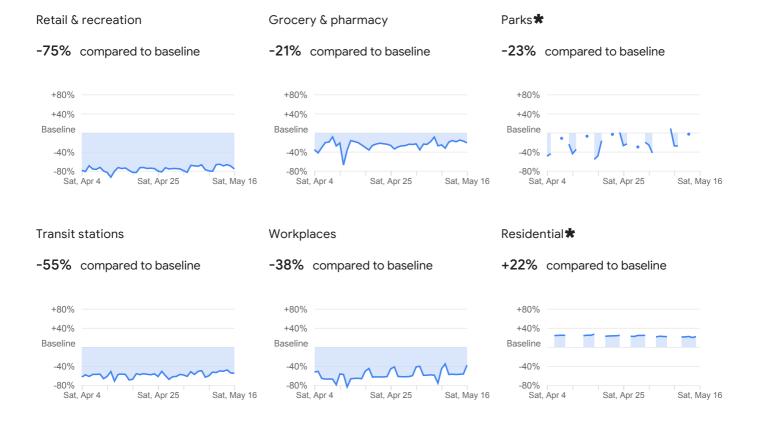


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Bracknell Forest

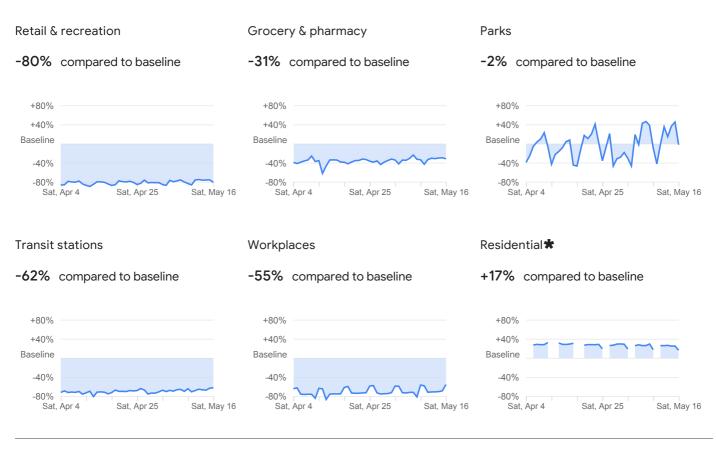


Bridgend County Borough

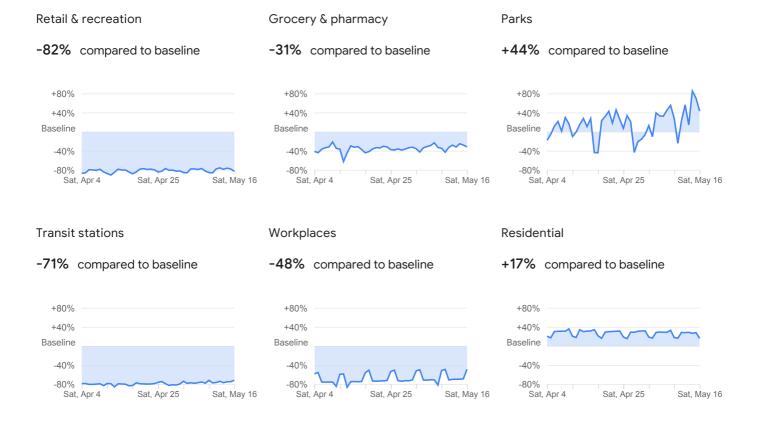


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Brighton and Hove

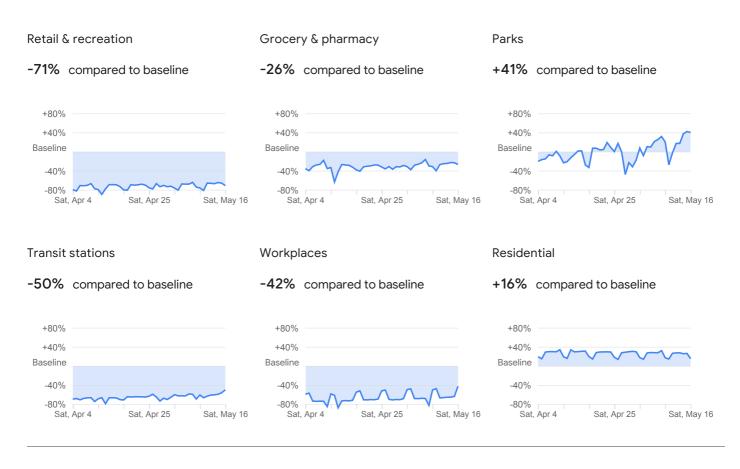


Bristol City

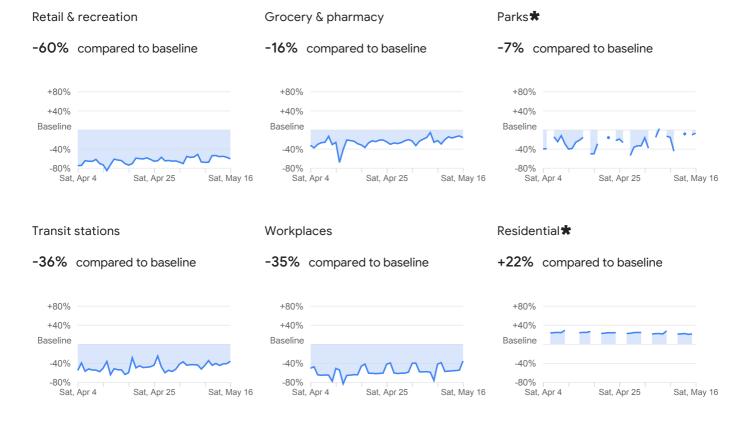


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Buckinghamshire

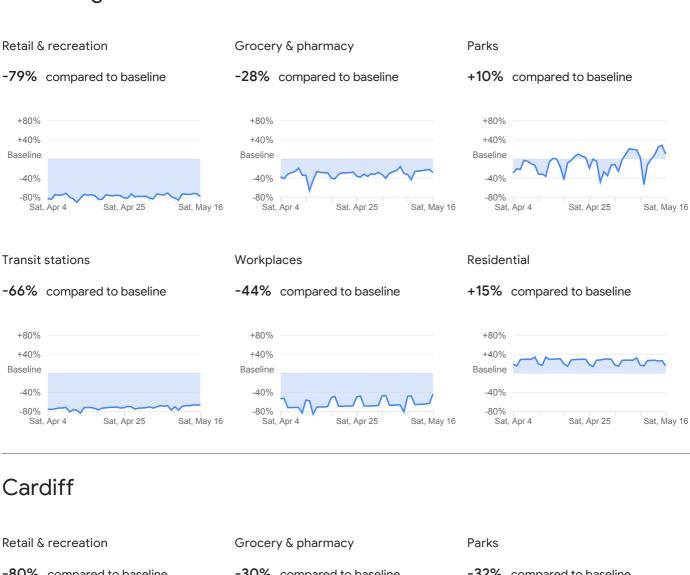


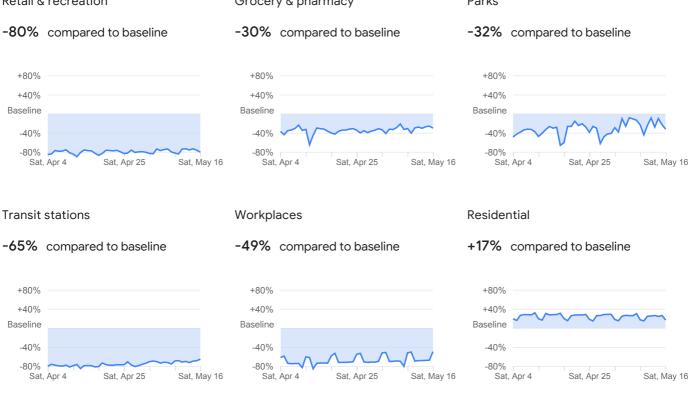
Caerphilly County Borough



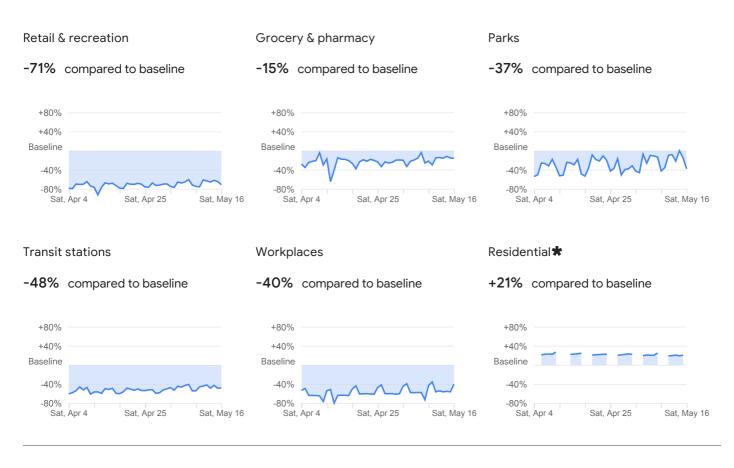
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Cambridgeshire

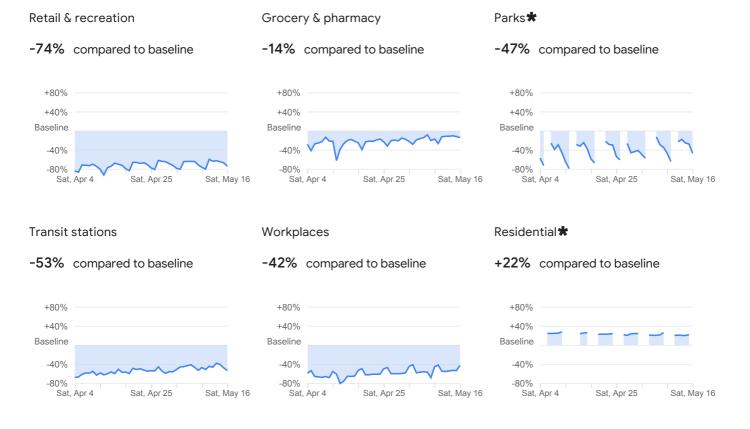




Carmarthenshire

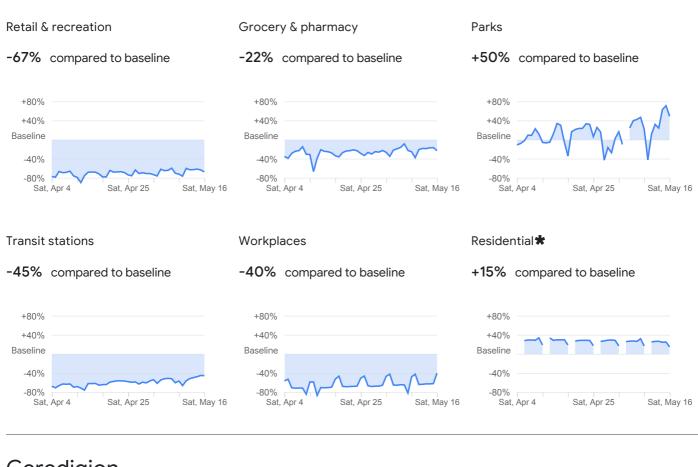


Causeway Coast and Glens

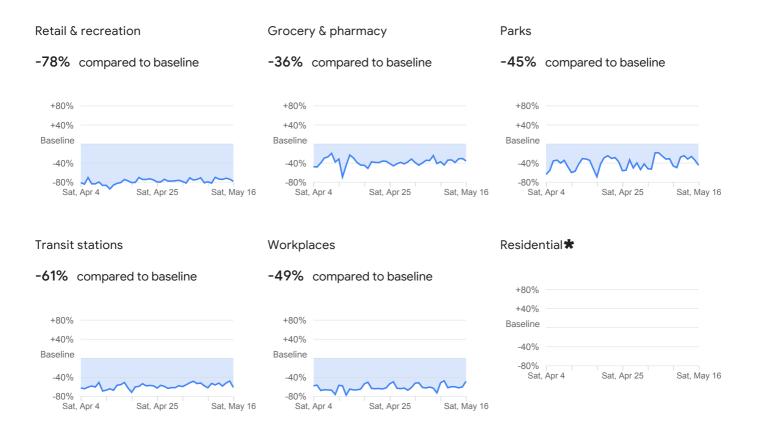


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Central Bedfordshire

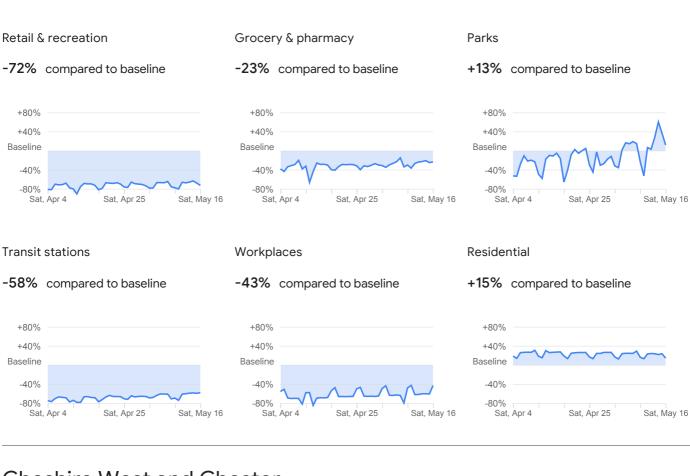


Ceredigion

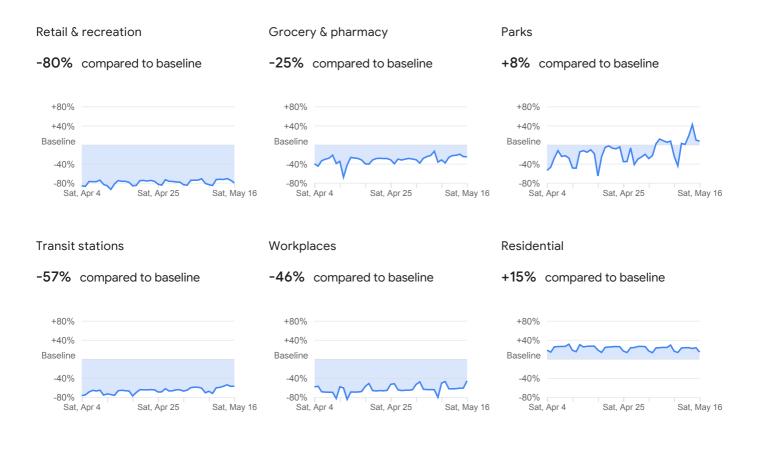


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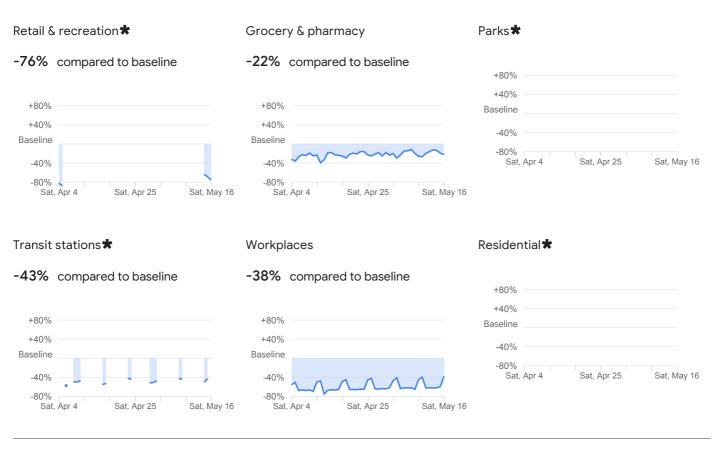
Cheshire East



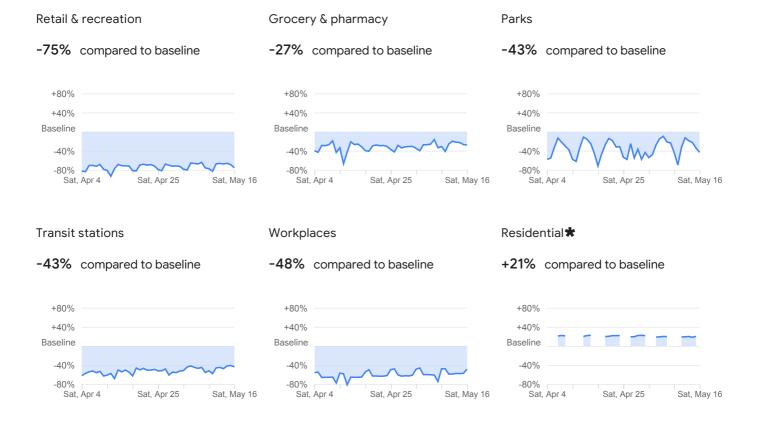
Cheshire West and Chester



Clackmannanshire

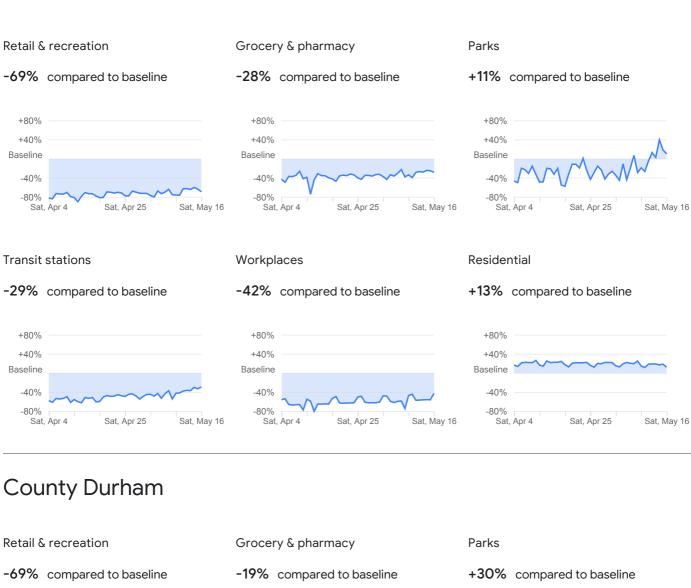


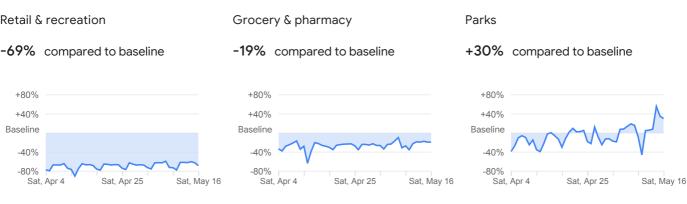
Conwy Principal Area

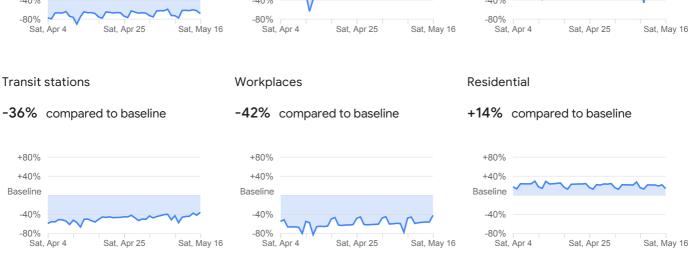


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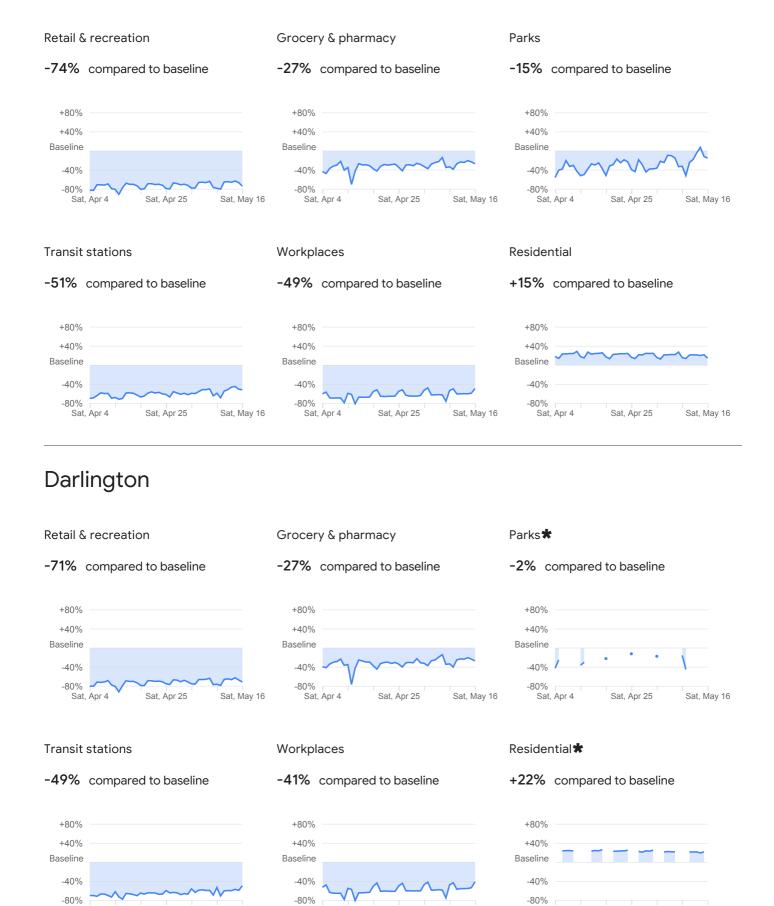
Cornwall







Cumbria



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Sat. Apr 4

Sat, Apr 25

Sat. May 16

Sat Apr 4

Sat. Apr 25

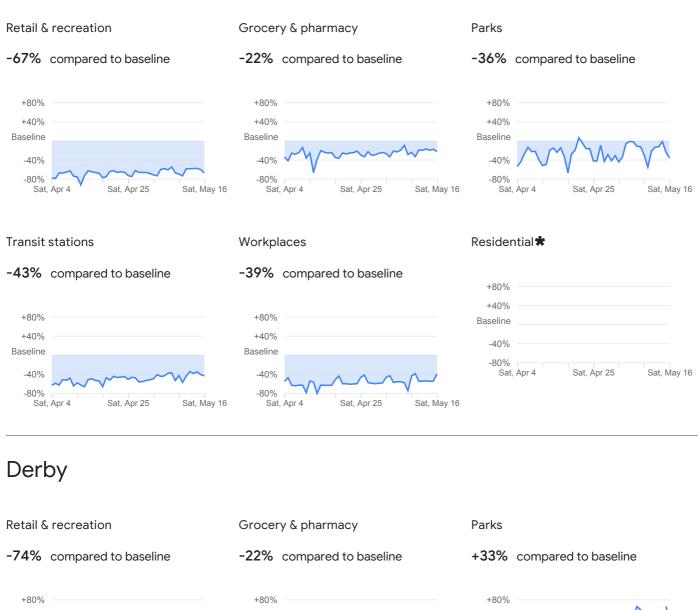
Sat, May 16

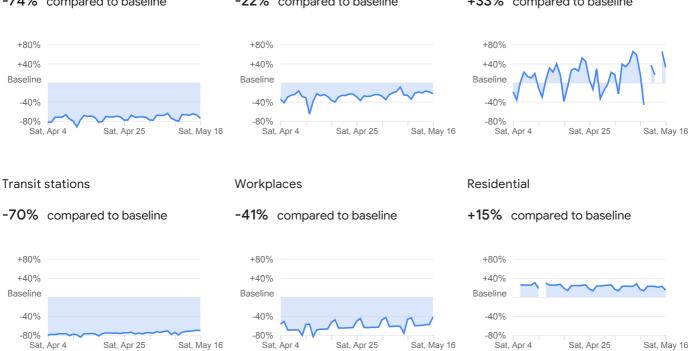
Sat, Apr 25

Sat. May 16

Sat, Apr 4

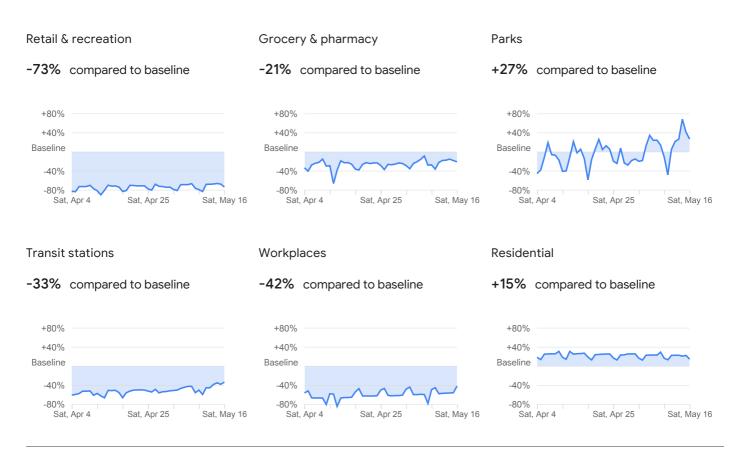
Denbighshire



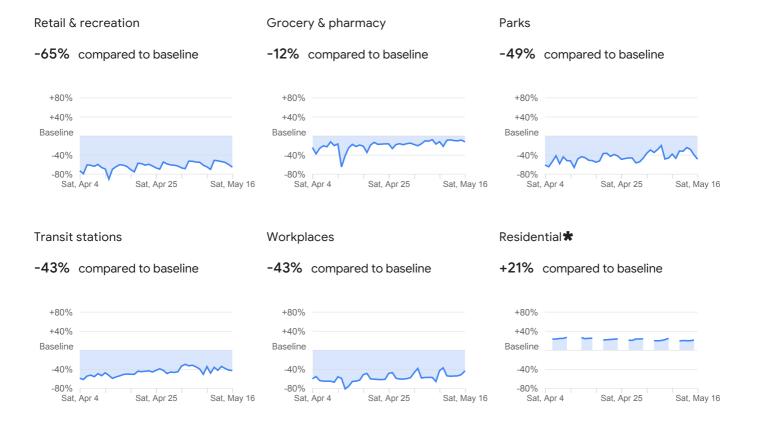


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Derbyshire

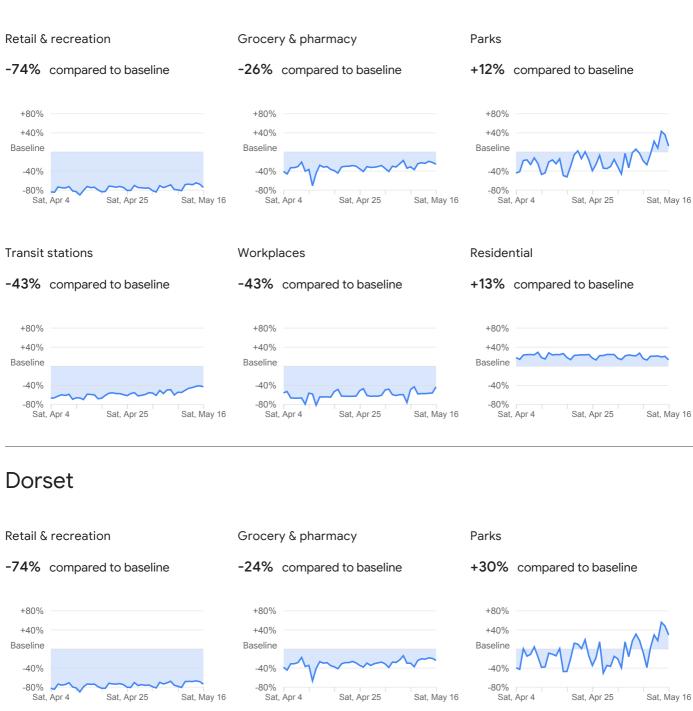


Derry and Strabane



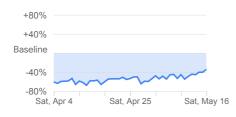
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Devon





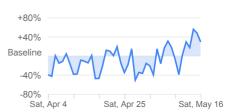
-34% compared to baseline



Workplaces

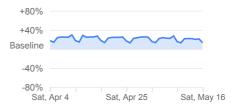
-45% compared to baseline



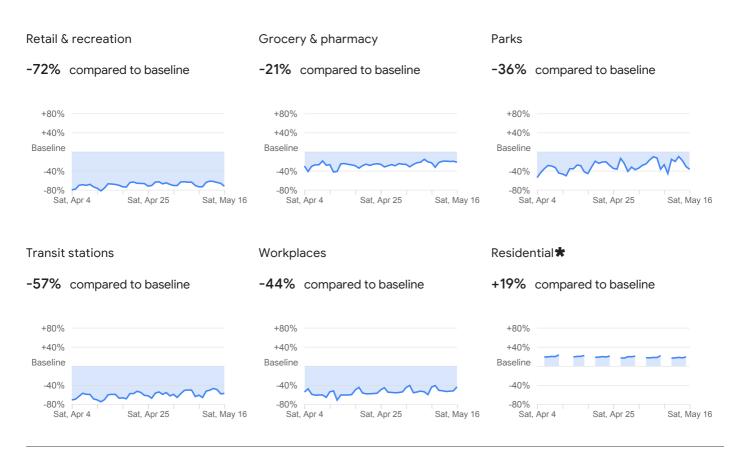


Residential

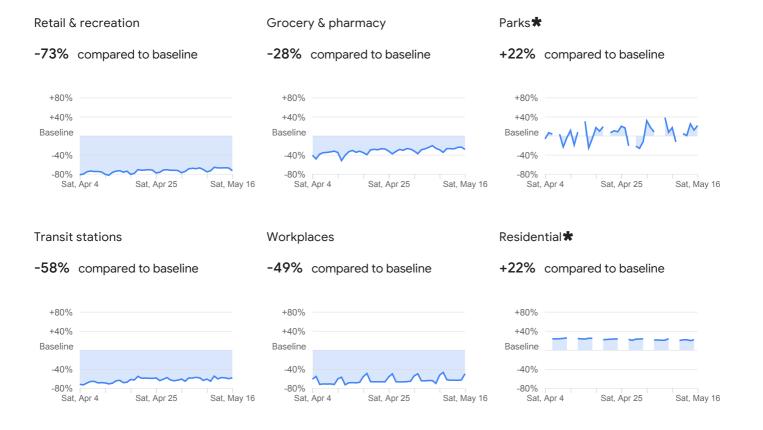
+14% compared to baseline



Dumfries and Galloway

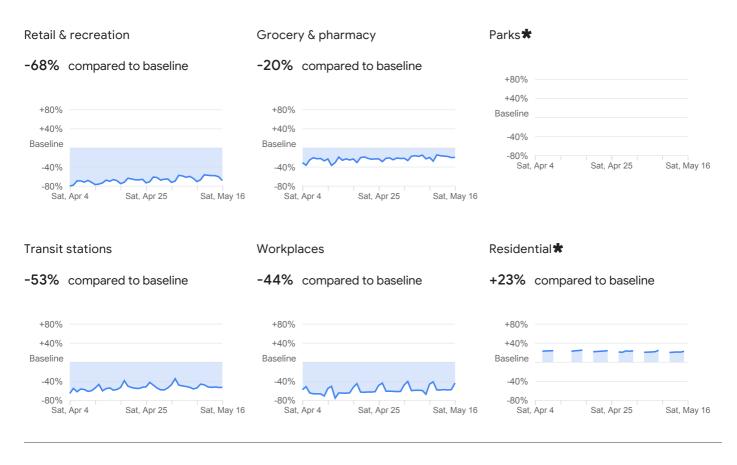


Dundee City Council

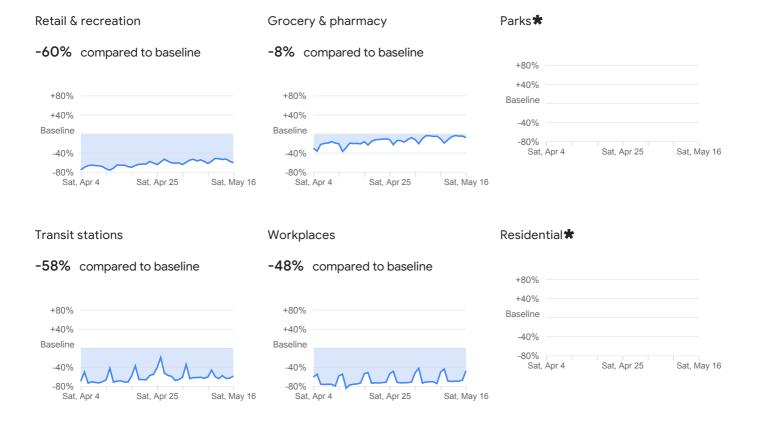


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East Ayrshire Council

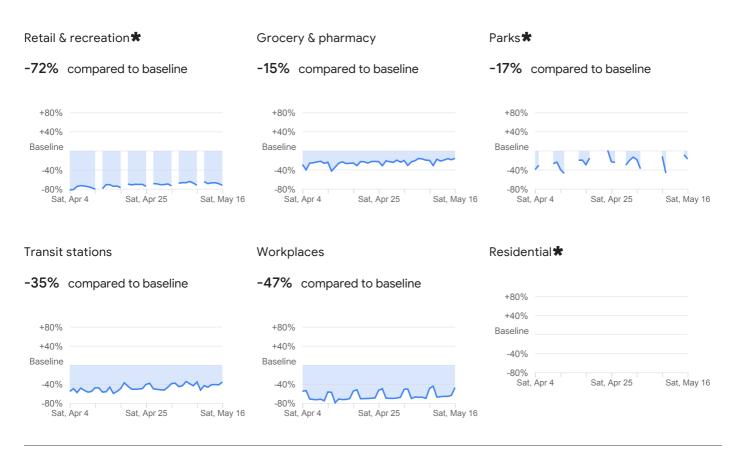


East Dunbartonshire Council

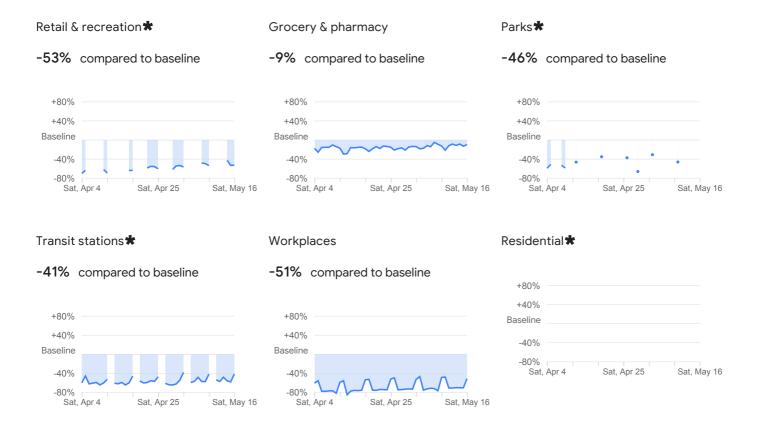


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East Lothian Council

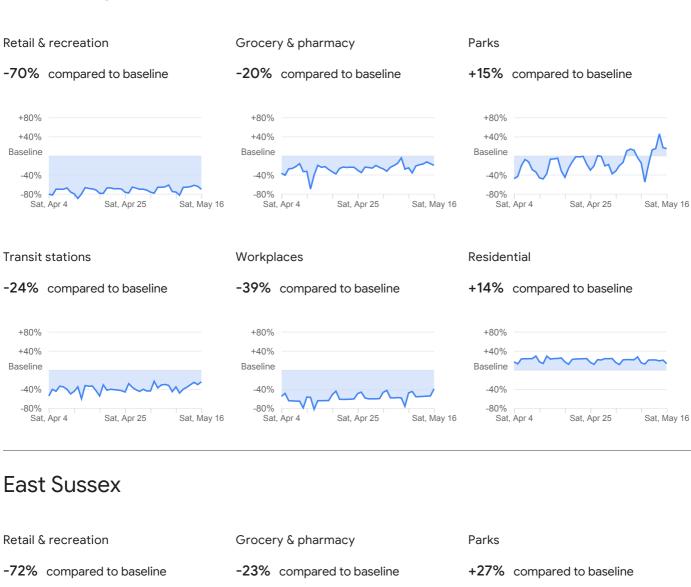


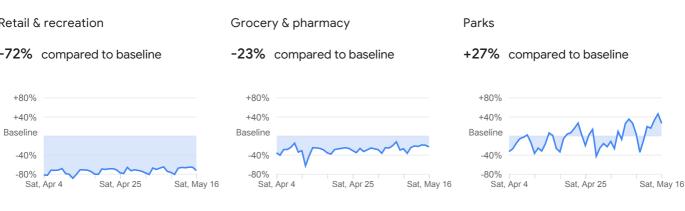
East Renfrewshire Council

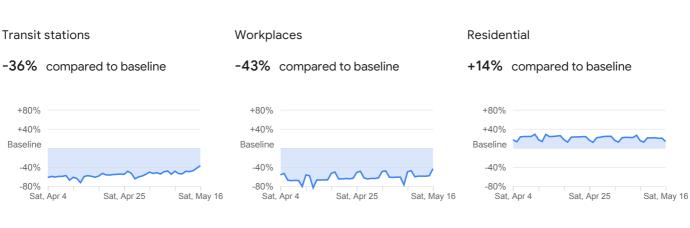


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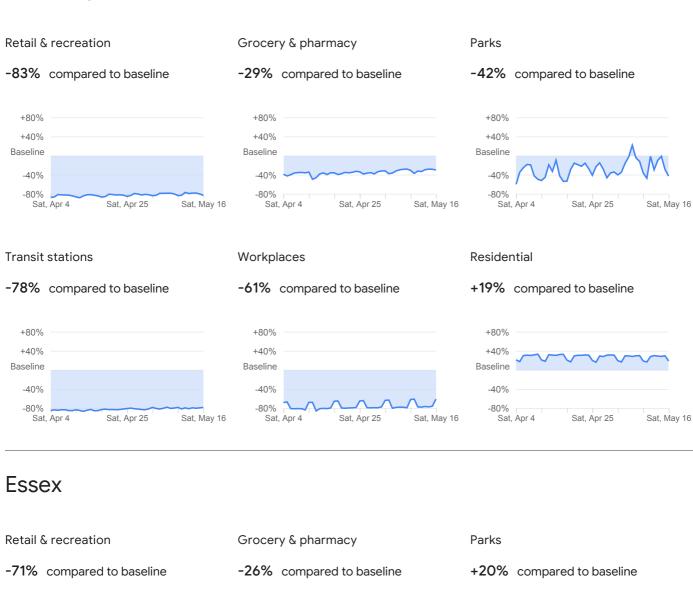
East Riding of Yorkshire



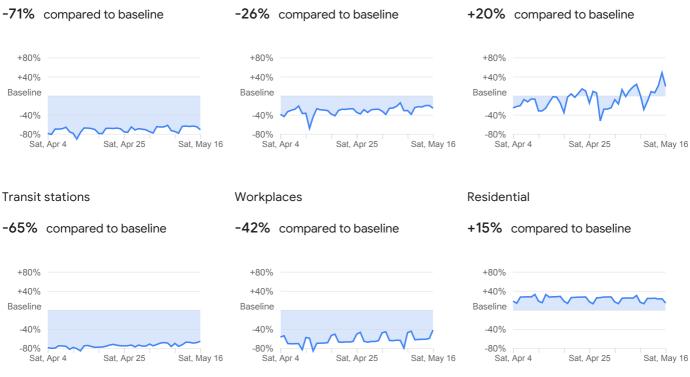




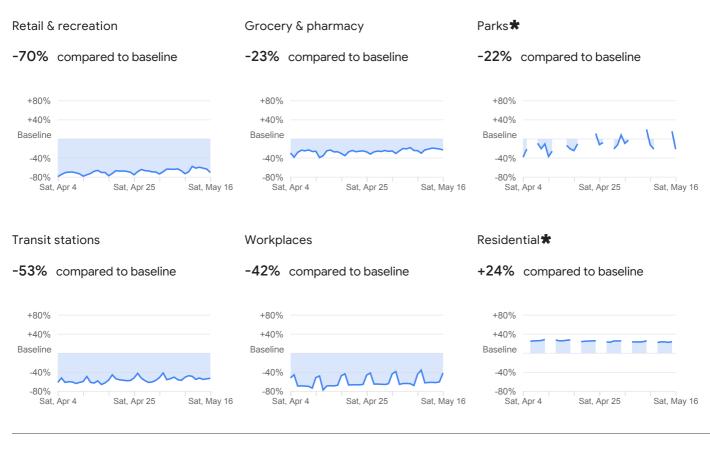
Edinburgh



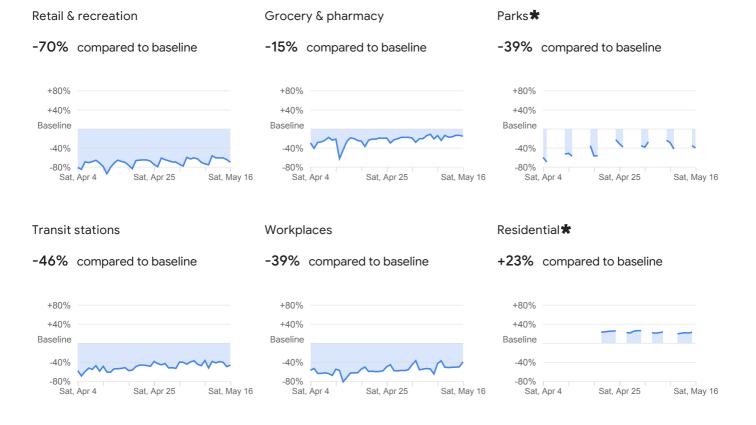




Falkirk

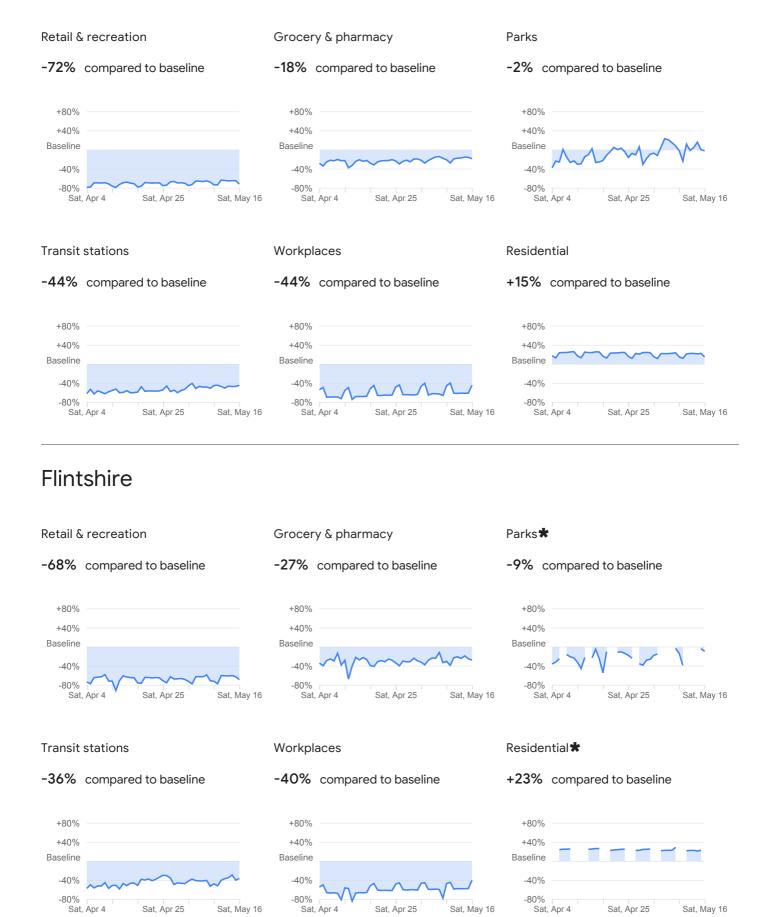


Fermanagh and Omagh



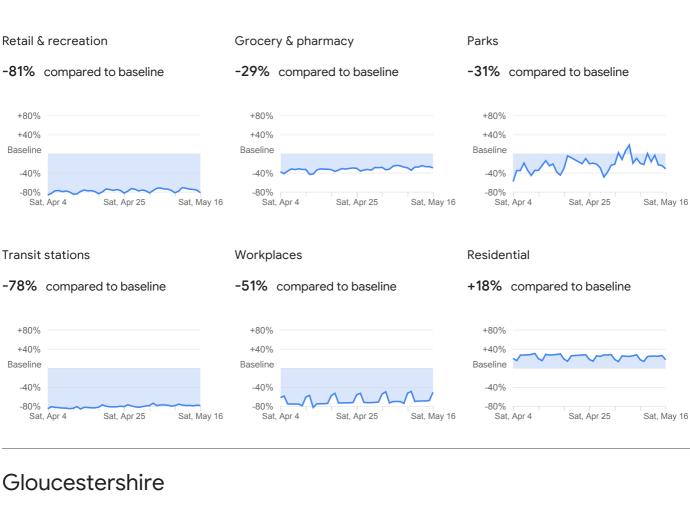
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Fife



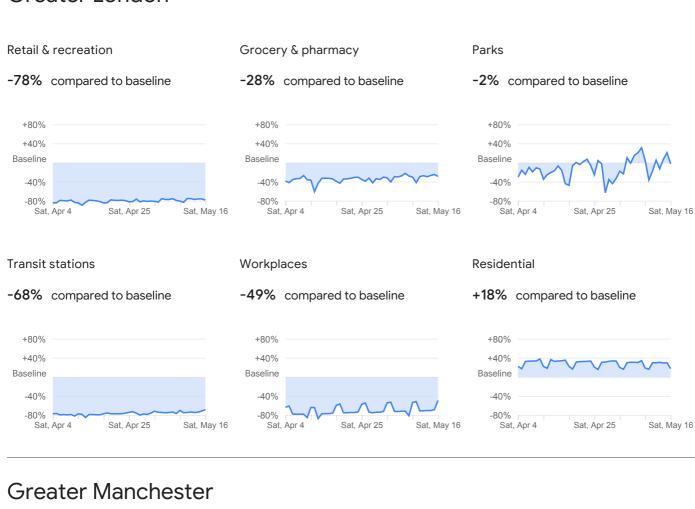
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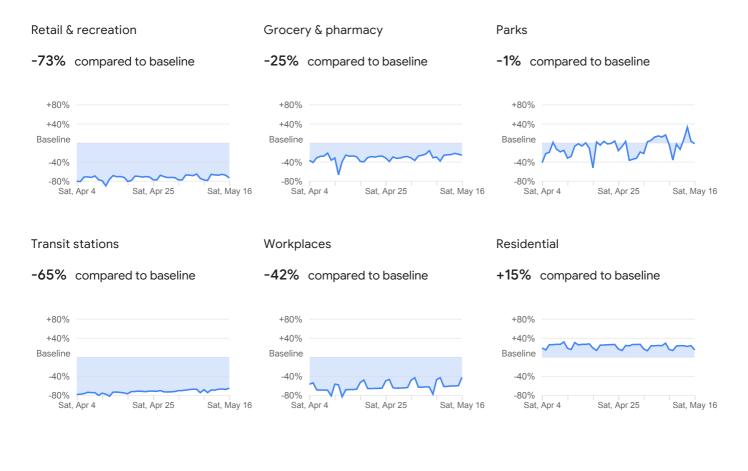
Glasgow City



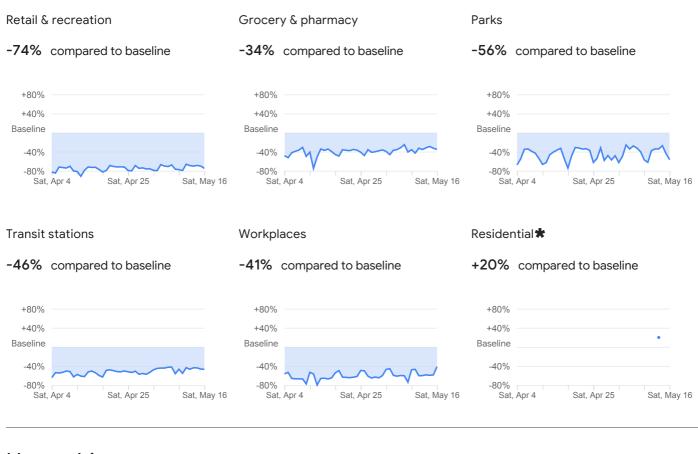


Greater London

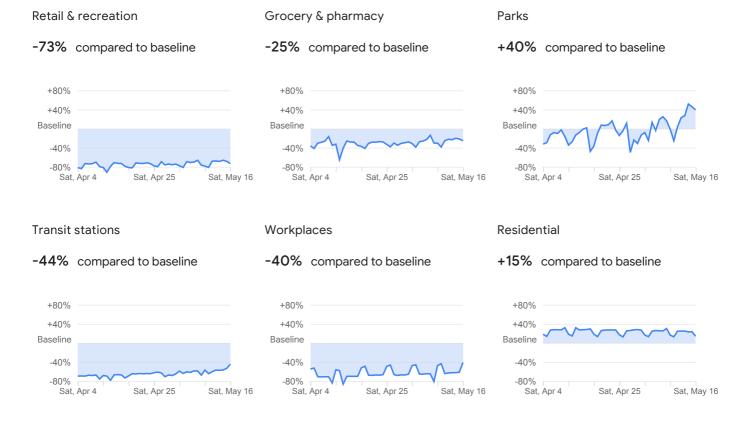




Gwynedd

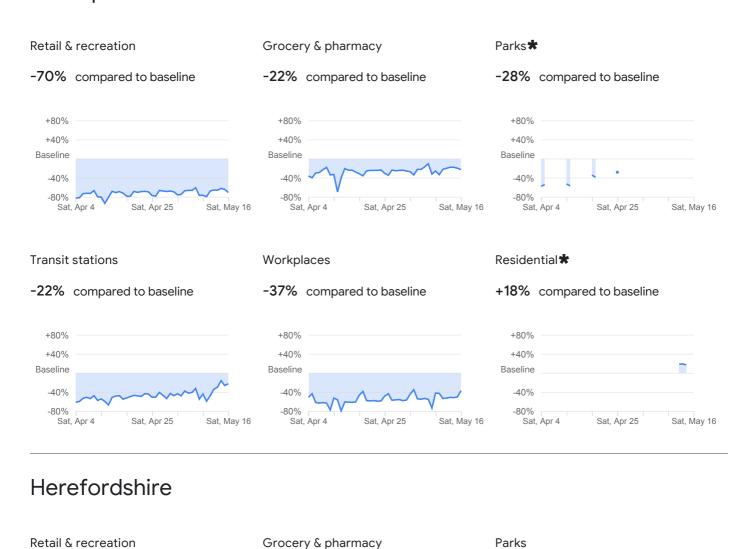


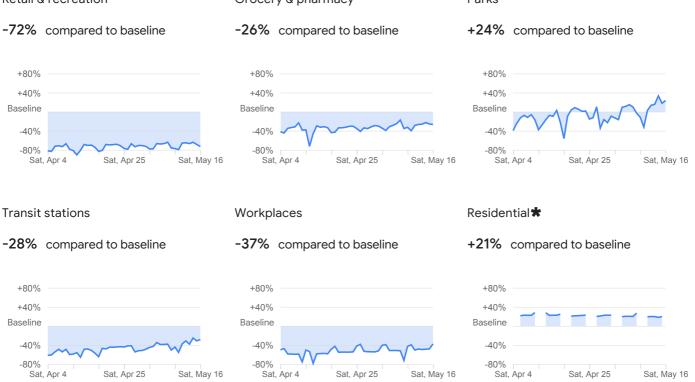
Hampshire



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Hartlepool





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Hertfordshire

+80%

+40%

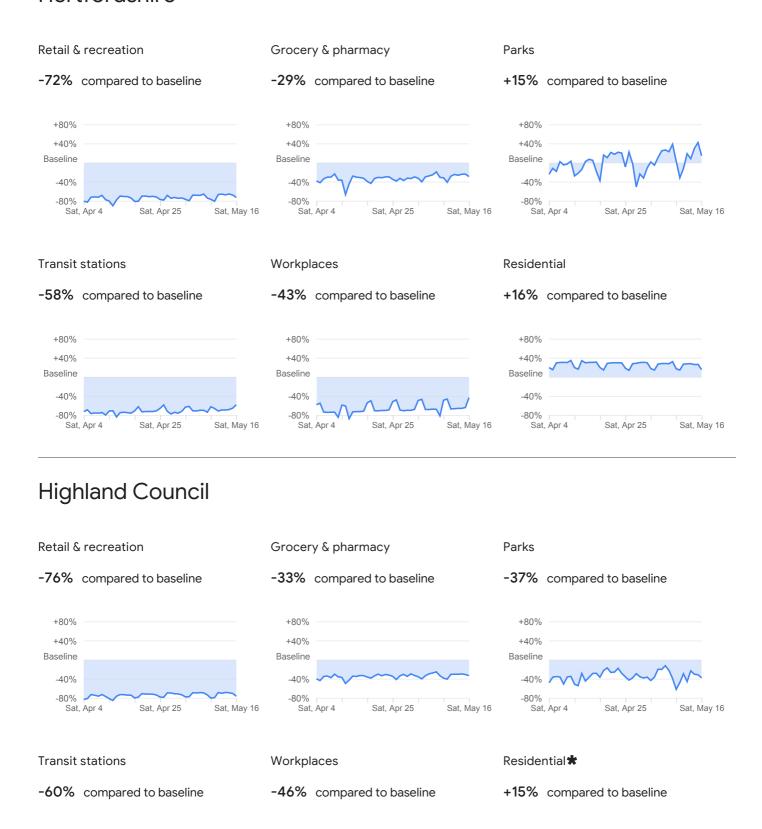
-40%

-80%

Sat, Apr 4

Sat. Apr 25

Baseline



Sat, Apr 25

+80%

+40% Baseline

-40%

-80%

Sat Apr 4

Sat. Apr 25

Sat. May 16

Sat, May 16

+80%

+40%

-40%

-80%

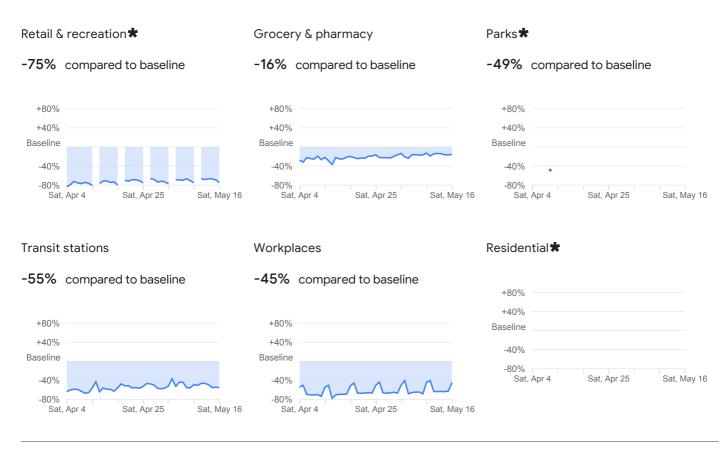
Sat. Apr 4

Sat. May 16

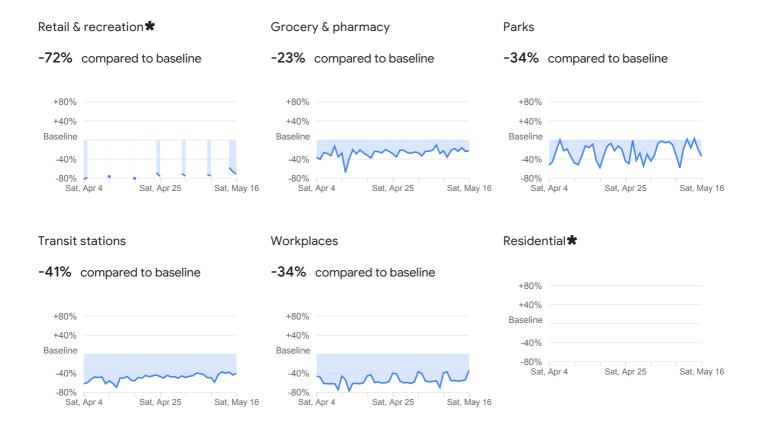
Baseline

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Inverclyde



Isle of Anglesey



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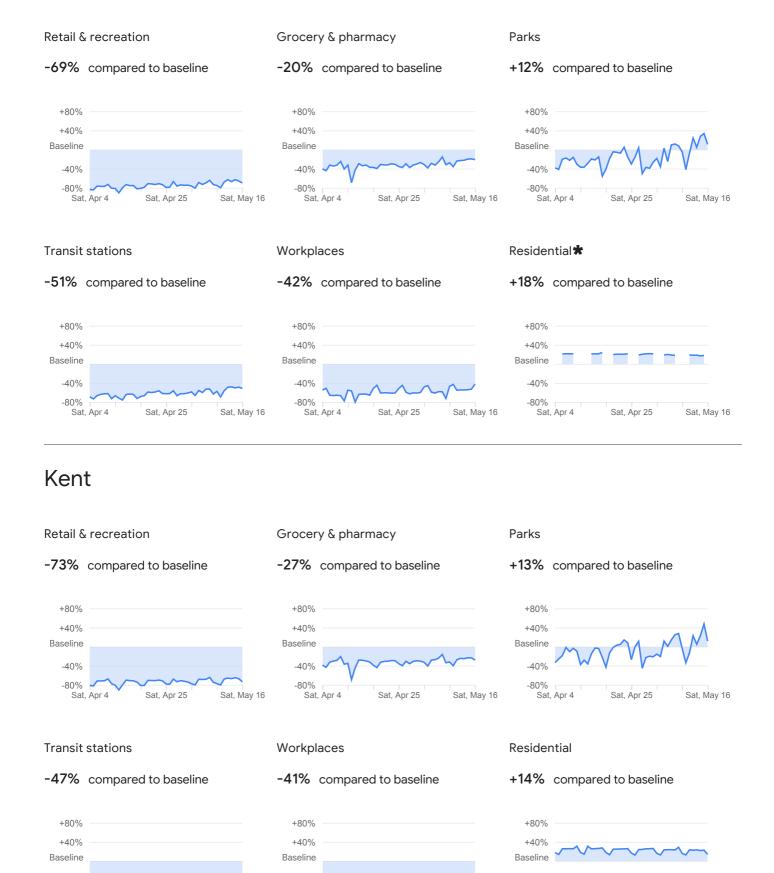
Isle of Wight

-40%

-80%

Sat, Apr 4

Sat, Apr 25



Sat, Apr 25

-40%

-80%

Sat. Apr 4

Sat. May 16

Sat, May 16

Sat. Apr 25

-40%

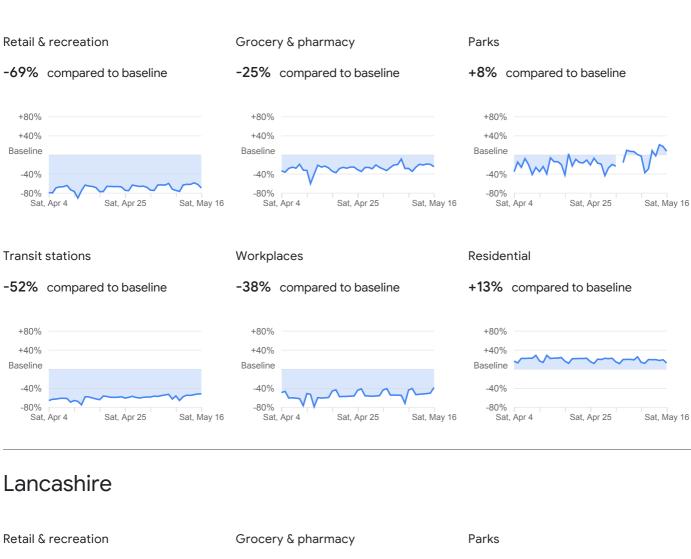
-80%

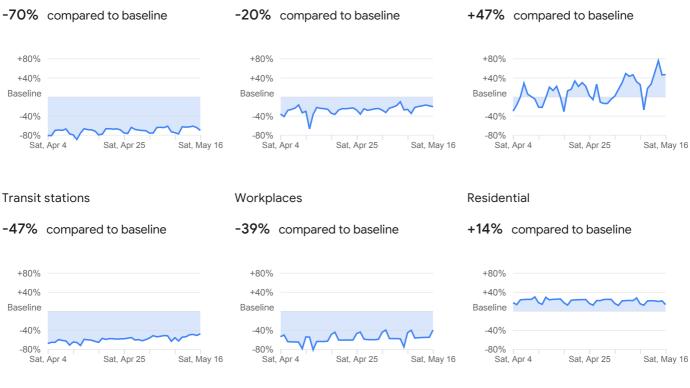
Sat. Apr 4

Sat. May 16

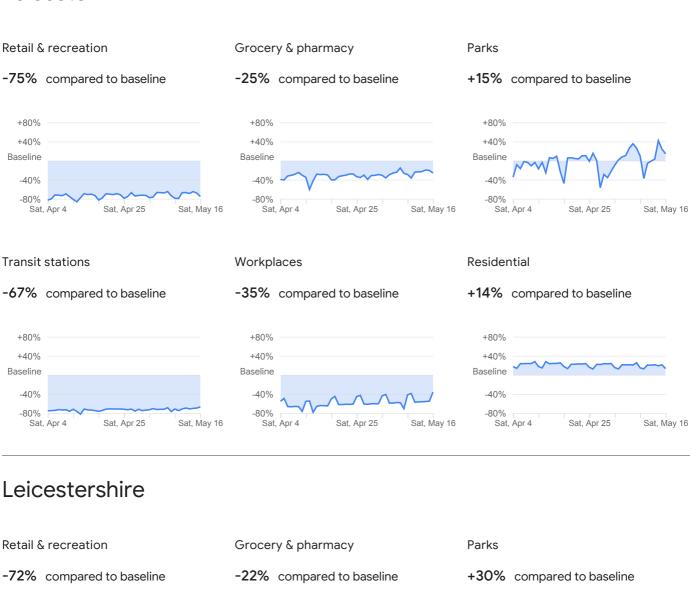
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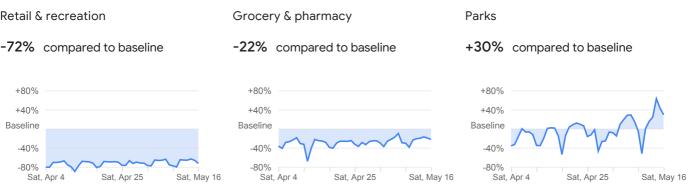
Kingston upon Hull

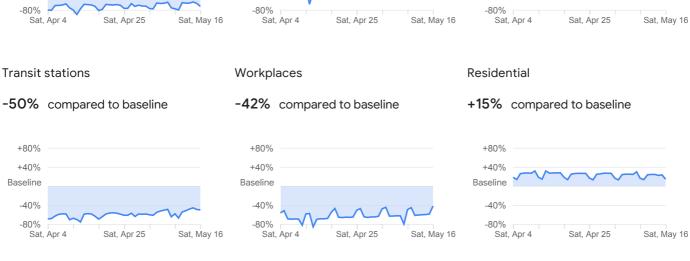




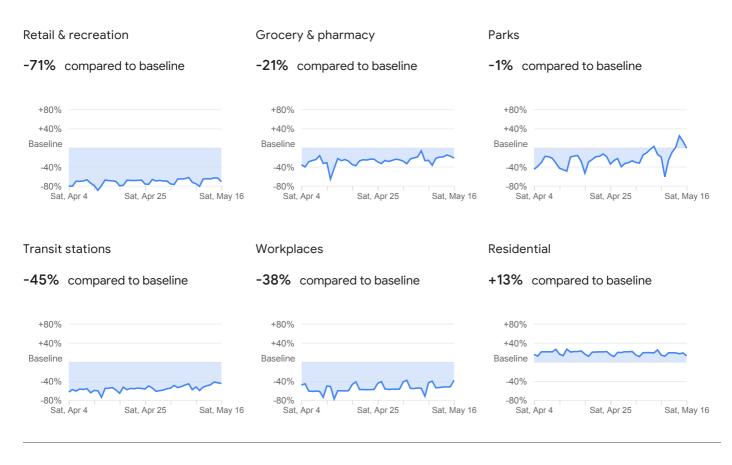
Leicester



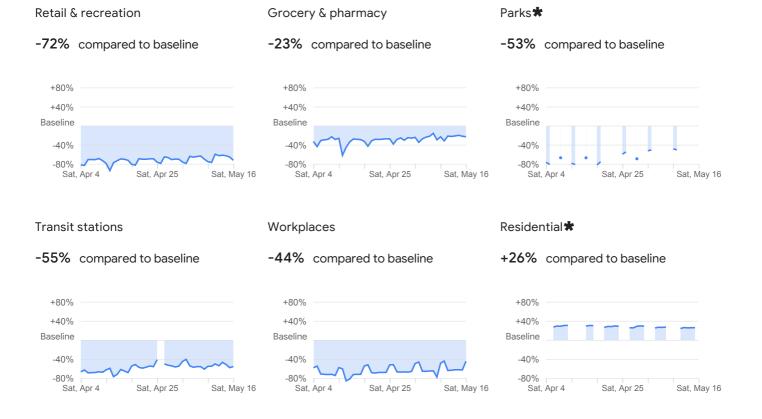




Lincolnshire

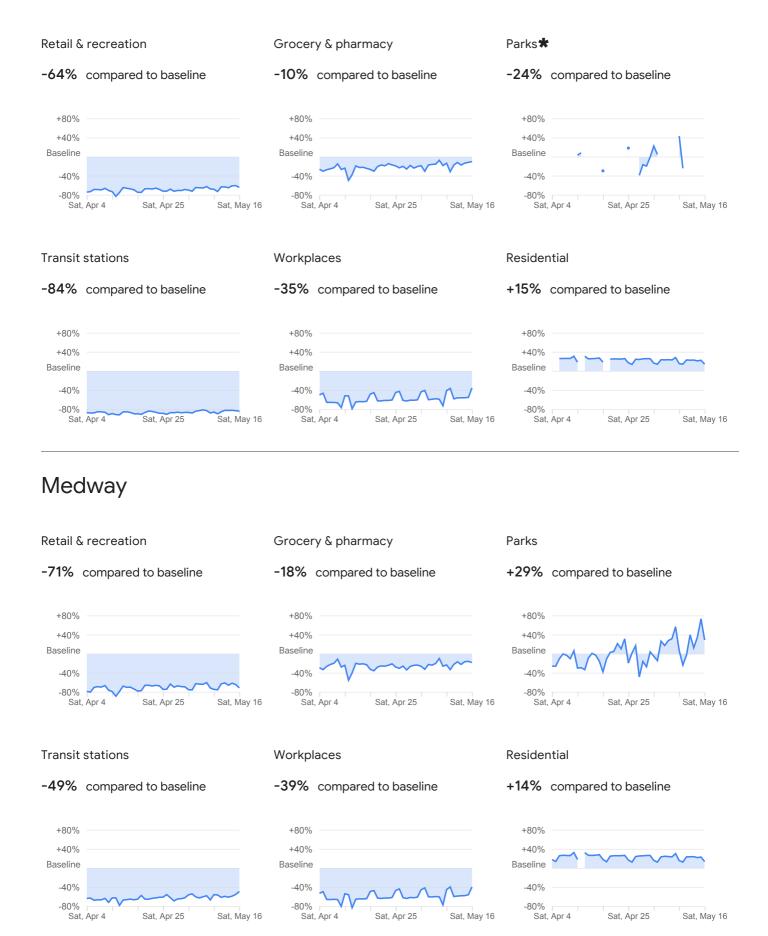


Lisburn and Castlereagh



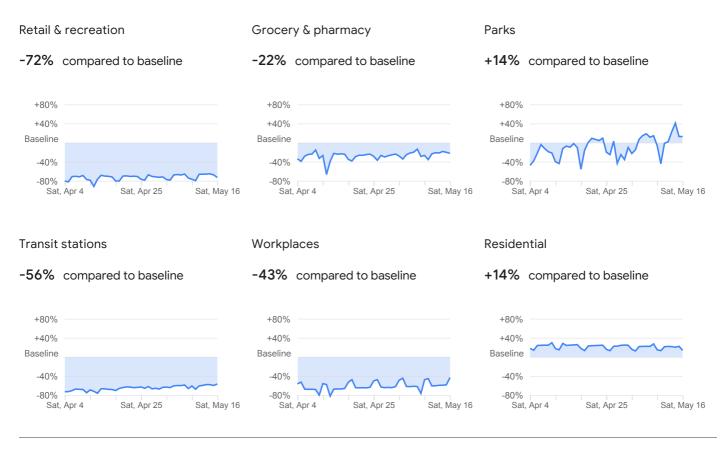
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Luton

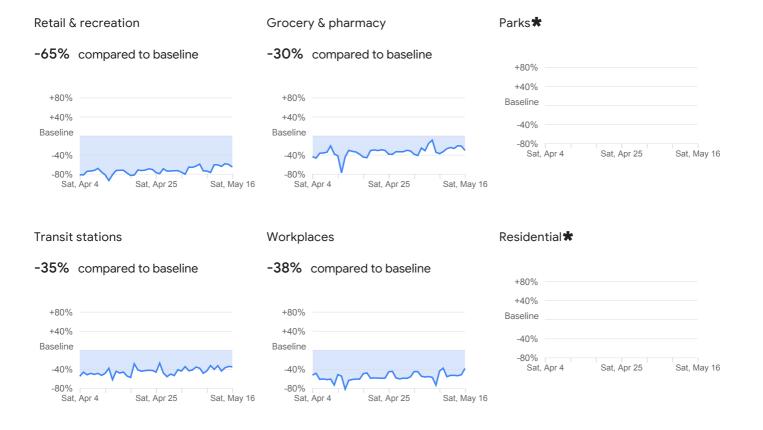


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Merseyside



Merthyr Tydfil County Borough



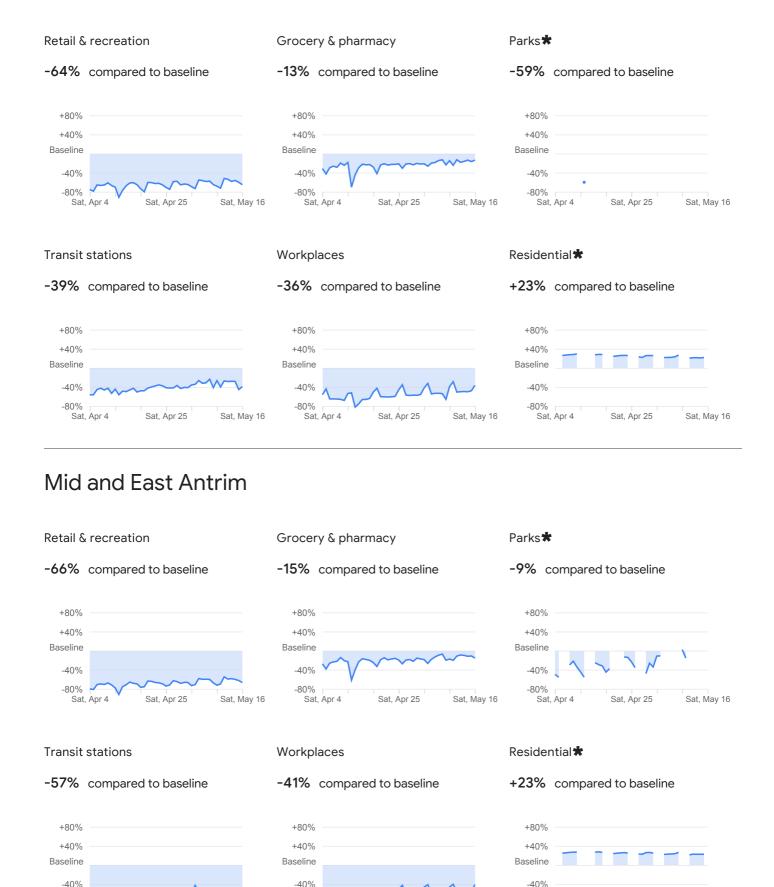
^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Mid Ulster

-80%

Sat. Apr 4

Sat, Apr 25



Sat, Apr 25

-80%

Sat Apr 4

Sat. Apr 25

Sat. May 16

Sat, May 16

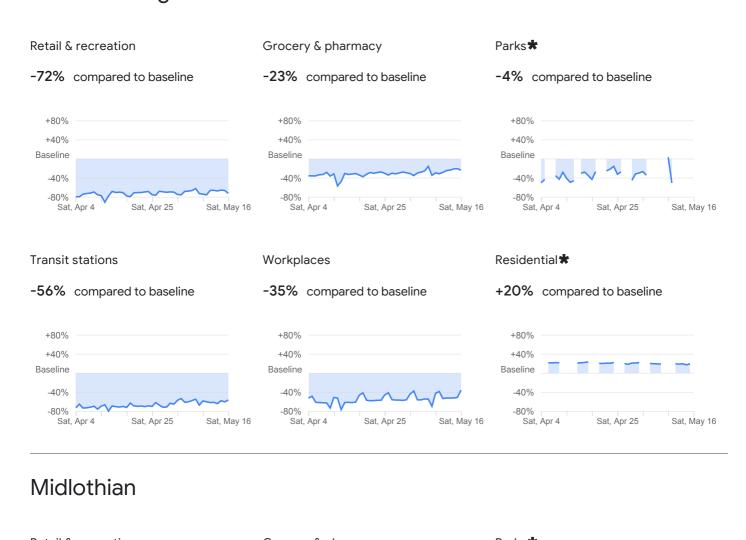
-80%

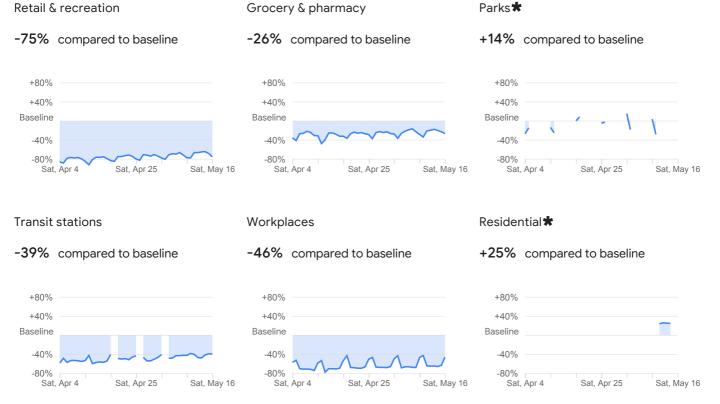
Sat Apr 4

Sat. May 16

^{*} **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.

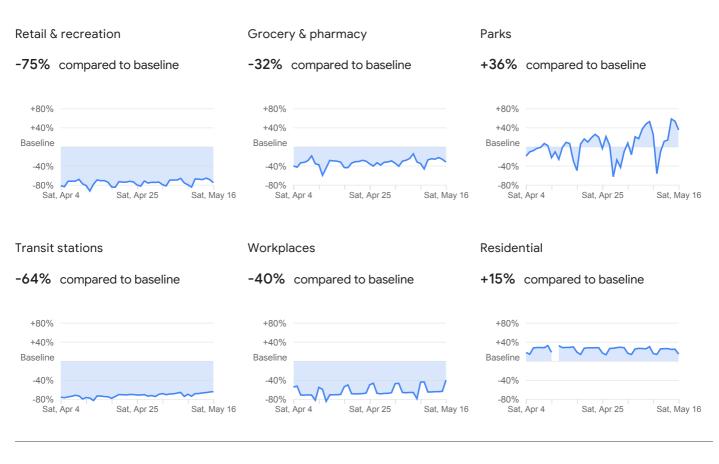
Middlesbrough



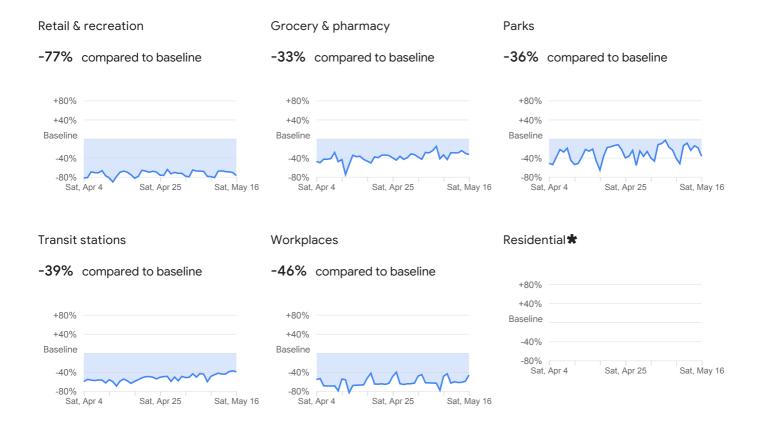


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Milton Keynes

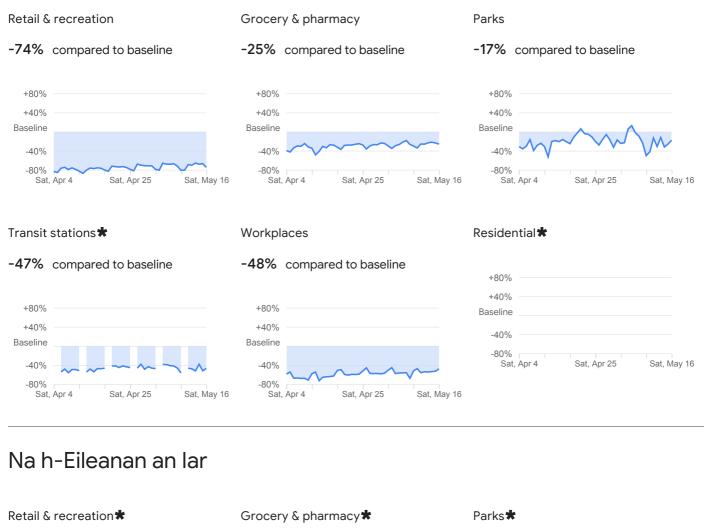


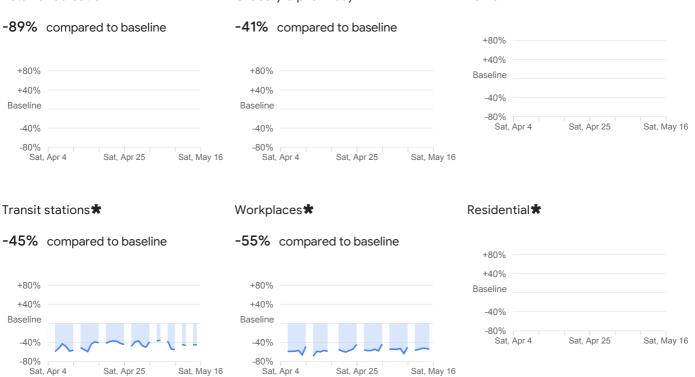
Monmouthshire



^{*} **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.

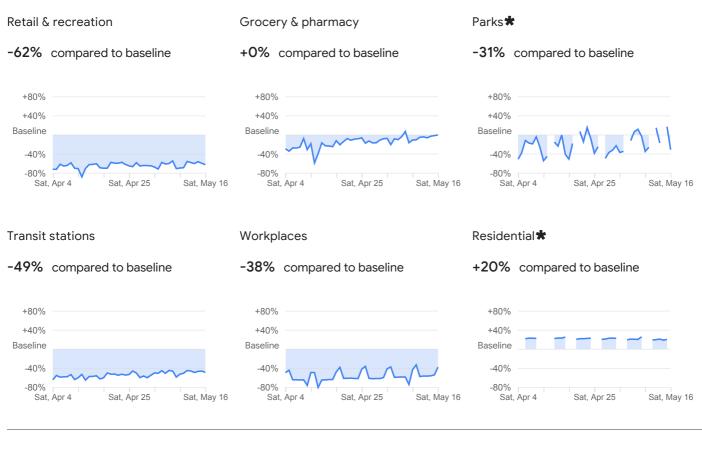
Moray



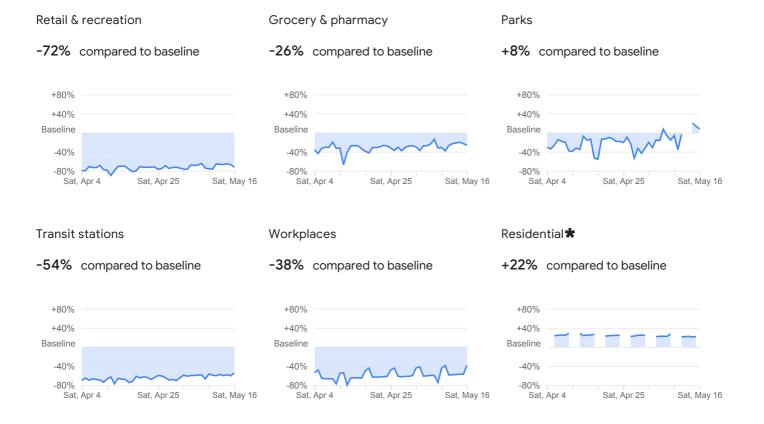


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Neath Port Talbot Principle Area

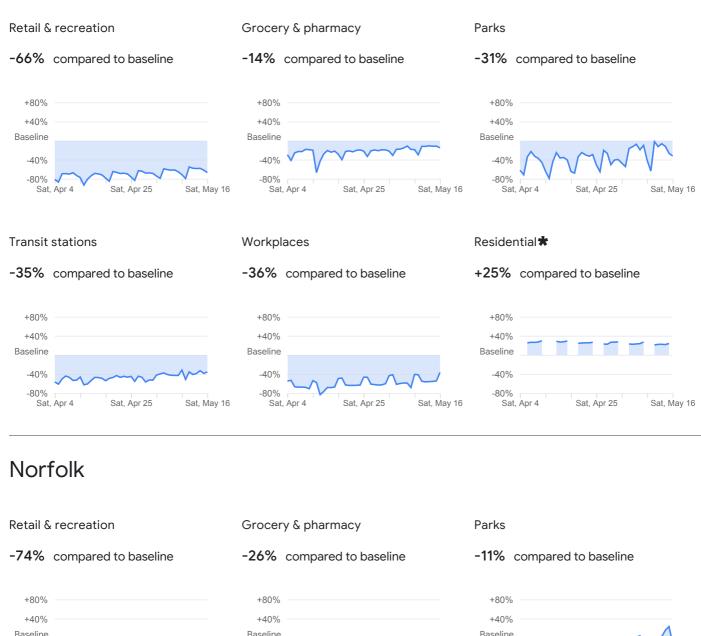


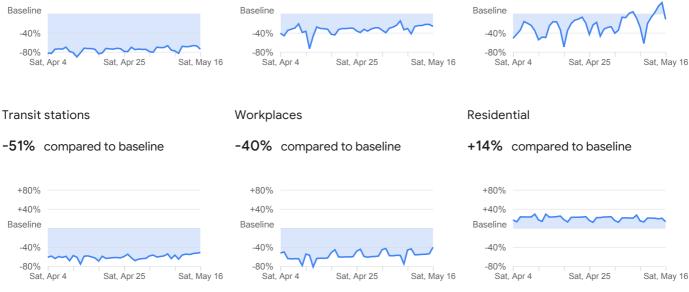
Newport



^{*} **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.

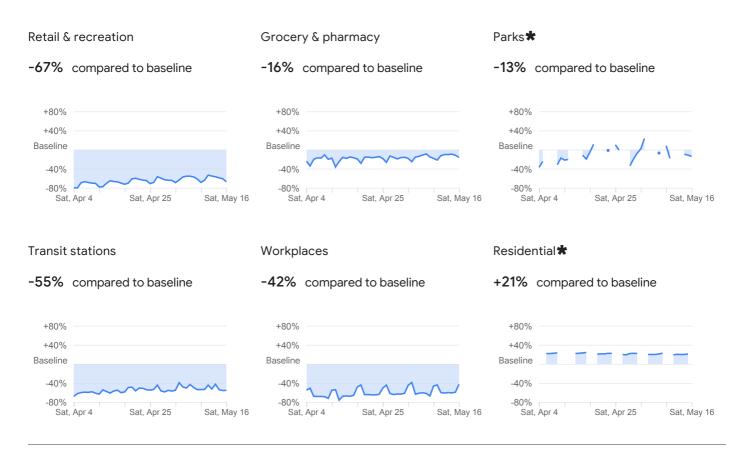
Newry, Mourne and Down



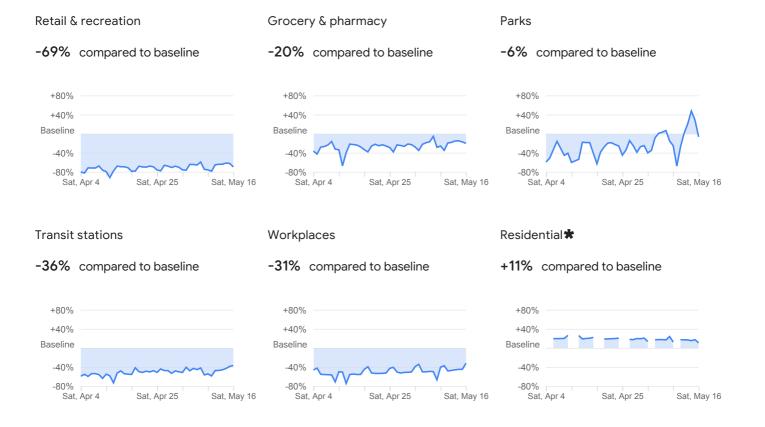


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

North Ayrshire Council

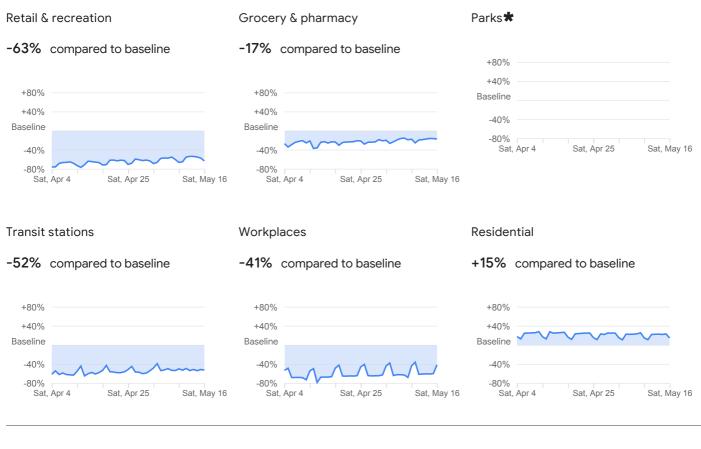


North East Lincolnshire

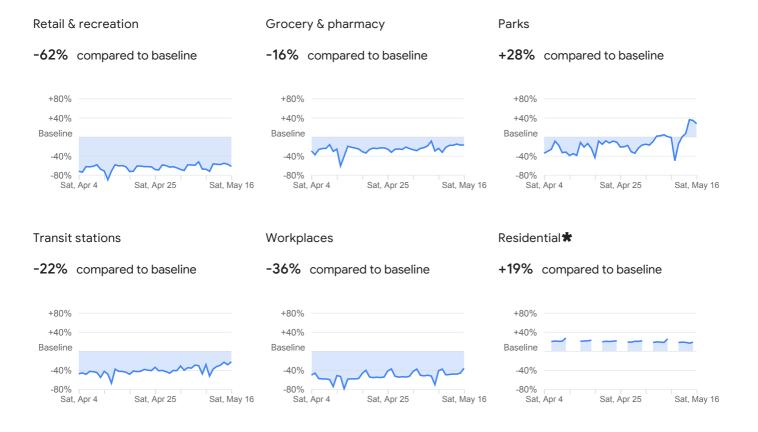


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

North Lanarkshire



North Lincolnshire



^{*} **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.

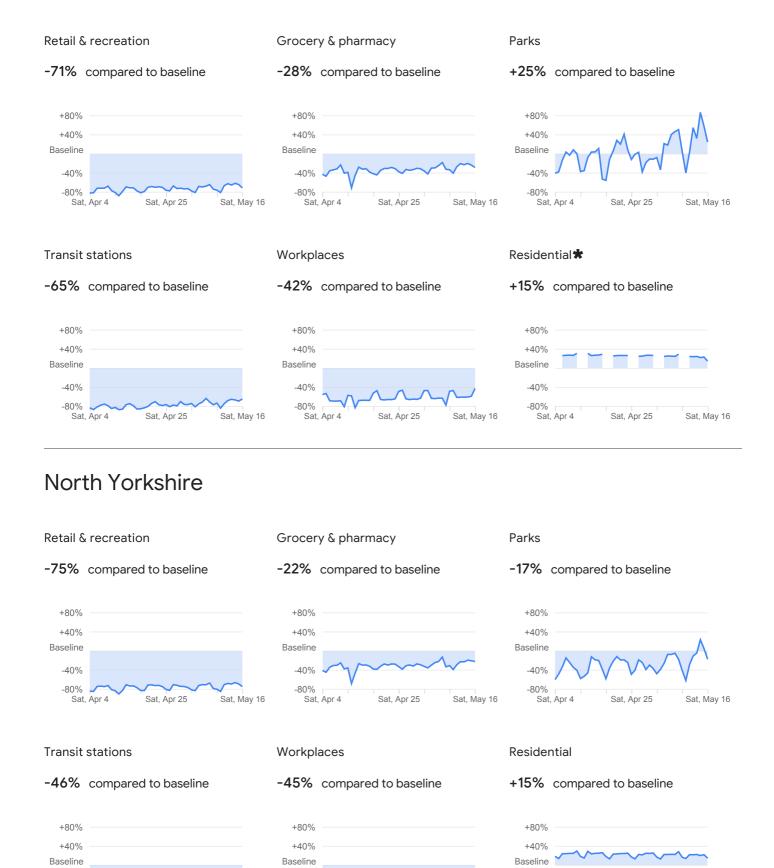
North Somerset

-40%

-80%

Sat, Apr 4

Sat. Apr 25



Sat, Apr 25

-40%

-80%

Sat Apr 4

Sat. May 16

Sat, May 16

Sat. Apr 25

-40%

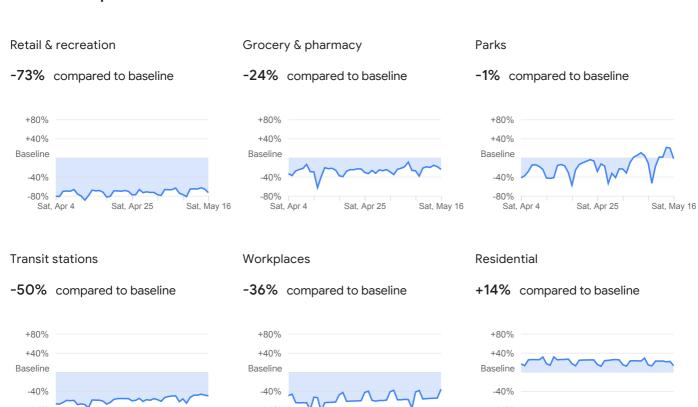
-80%

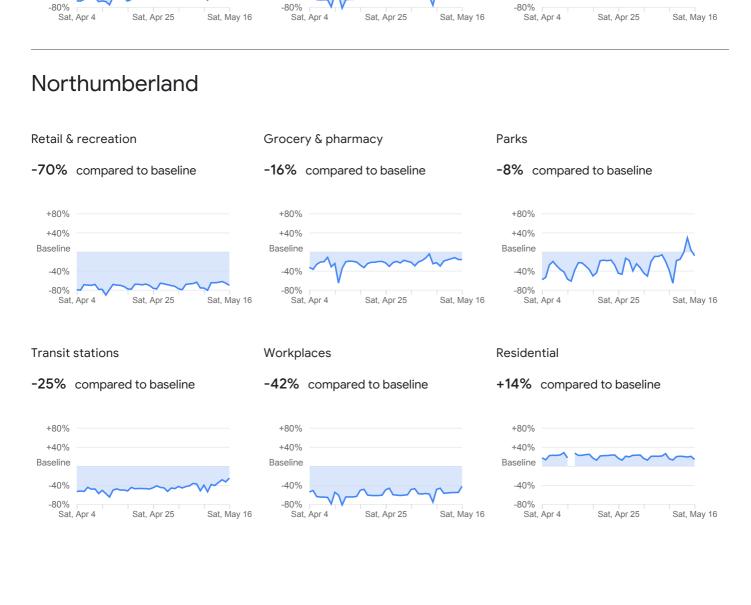
Sat. Apr 4

Sat. May 16

^{*} **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.

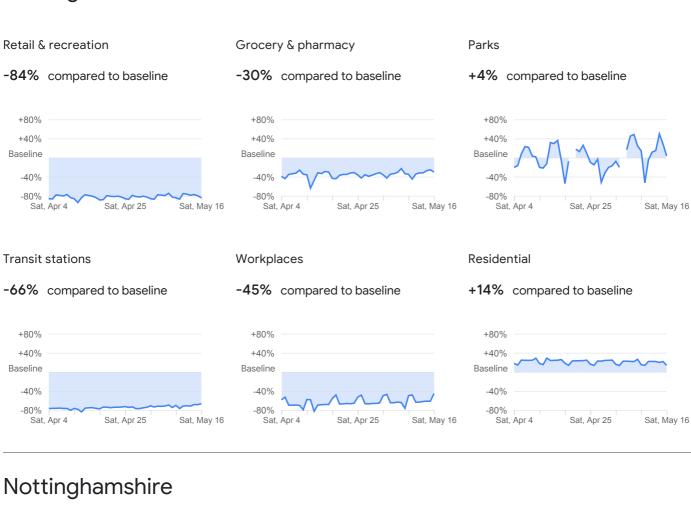
Northamptonshire

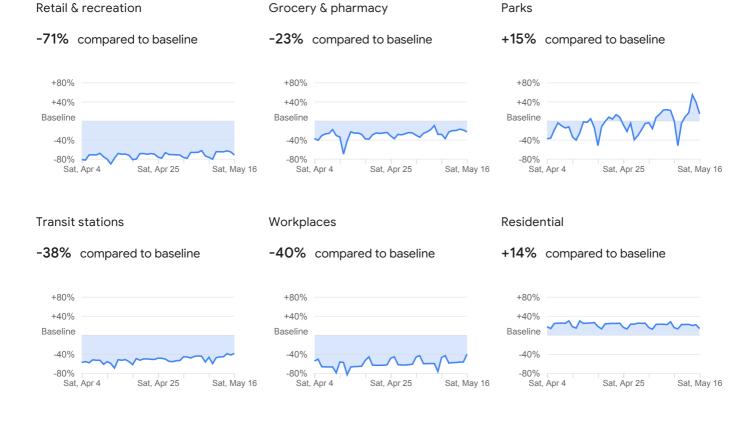




Nottingham

Retail & recreation





Parks

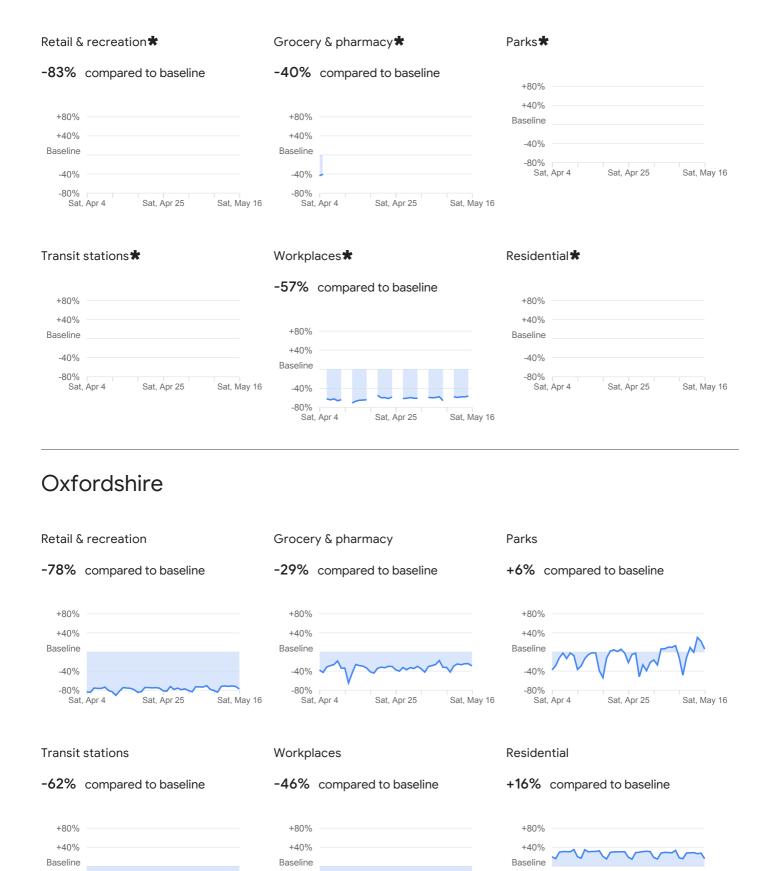
Orkney

-40%

-80%

Sat, Apr 4

Sat. Apr 25



Sat, Apr 25

-40%

-80%

Sat Apr 4

Sat. Apr 25

Sat, May 16

Sat, May 16

-40%

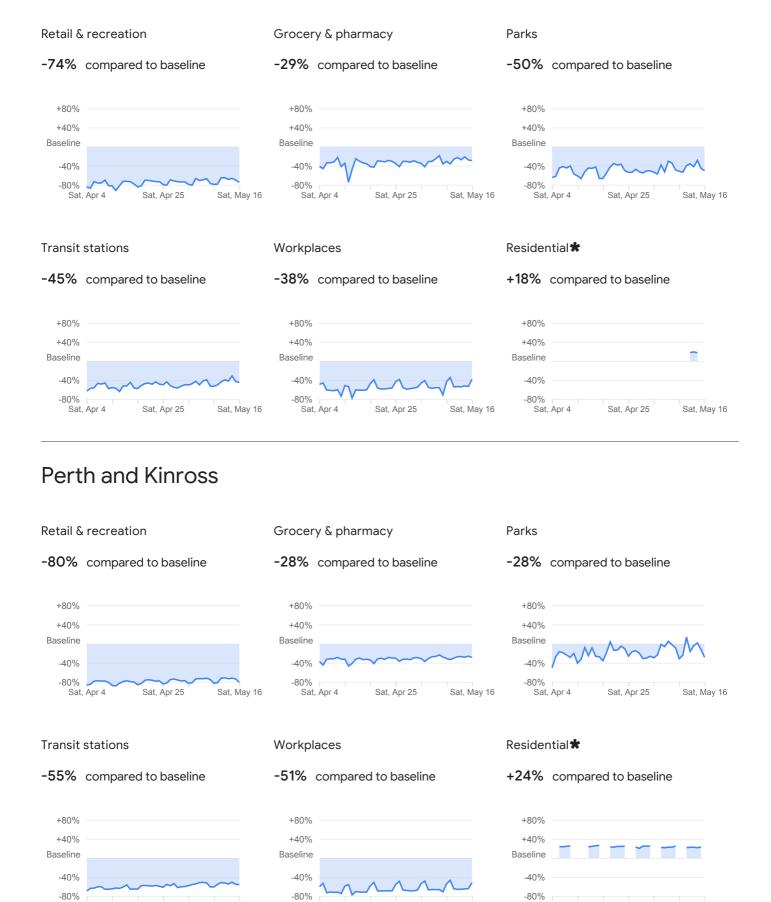
-80%

Sat. Apr 4

Sat. May 16

^{*} **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.

Pembrokeshire



^{*} **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.

Sat. Apr 4

Sat, Apr 25

Sat. May 16

Sat Apr 4

Sat Apr 25

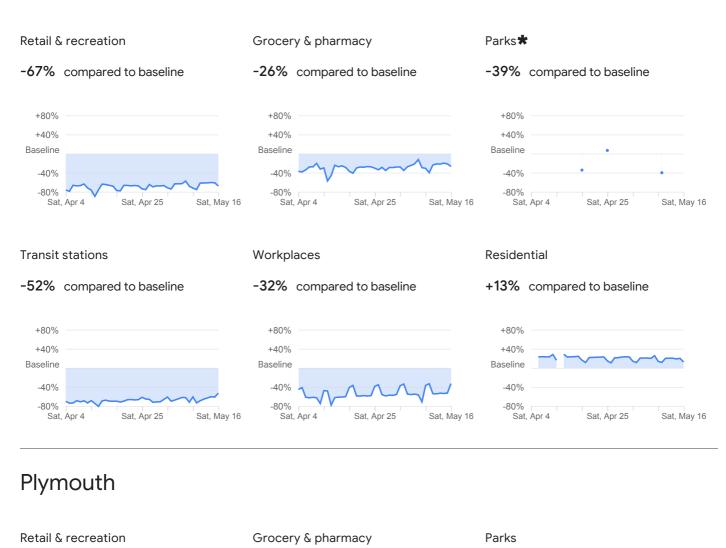
Sat, May 16

Sat, Apr 25

Sat. May 16

Sat, Apr 4

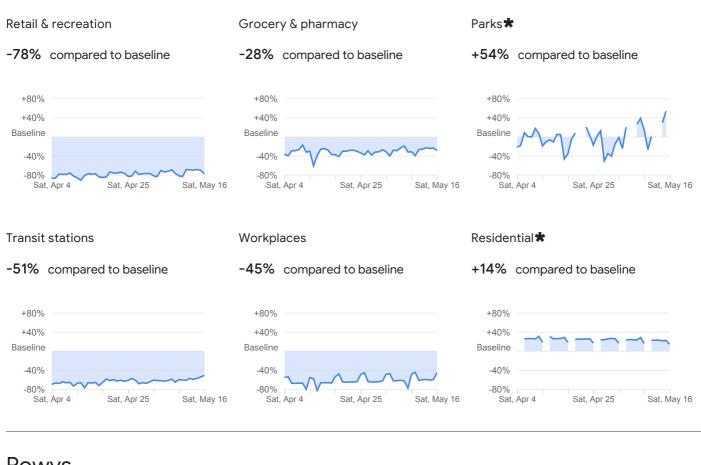
Peterborough



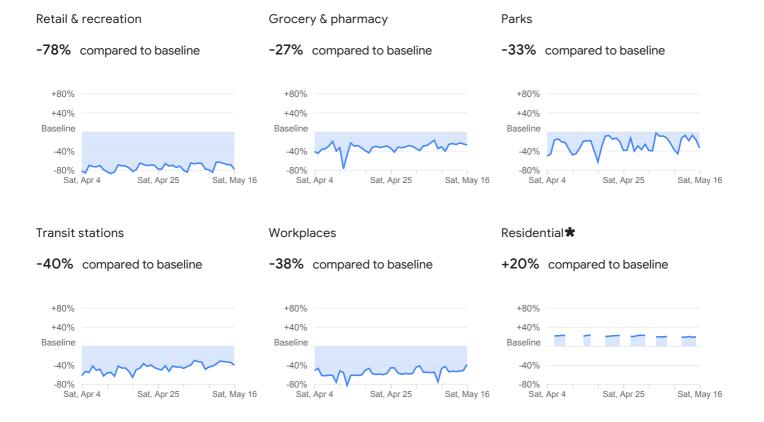


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Portsmouth

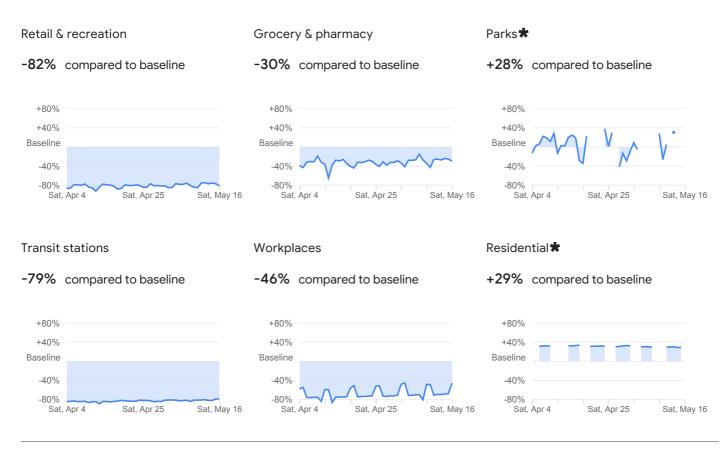


Powys

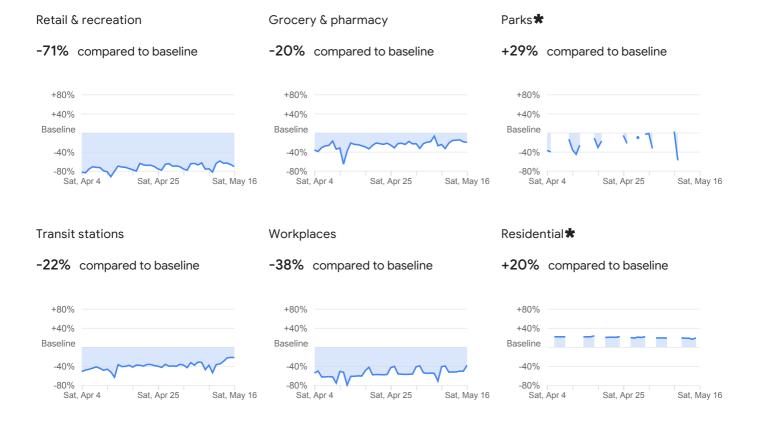


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Reading

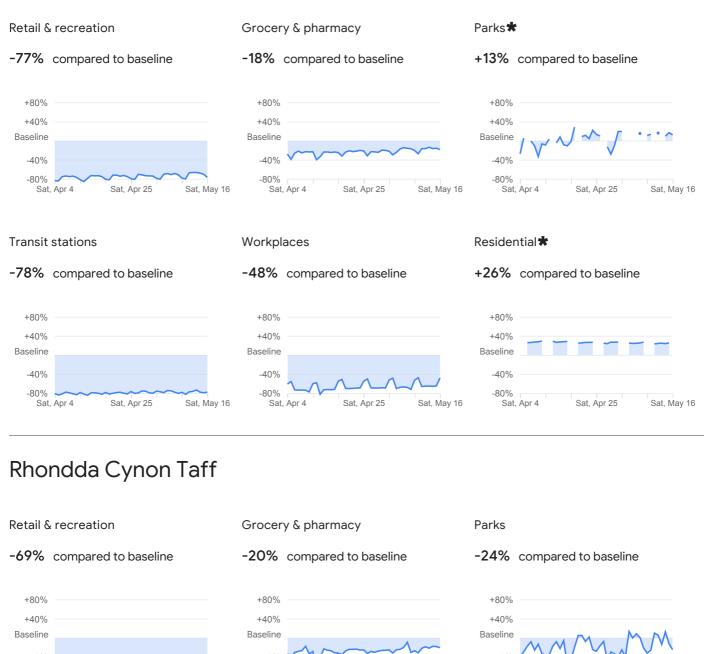


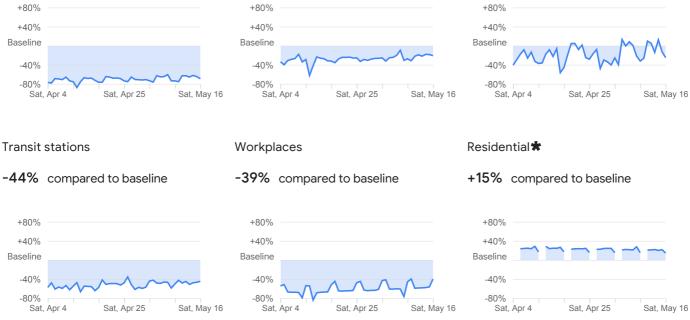
Redcar and Cleveland



^{*} **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.

Renfrewshire

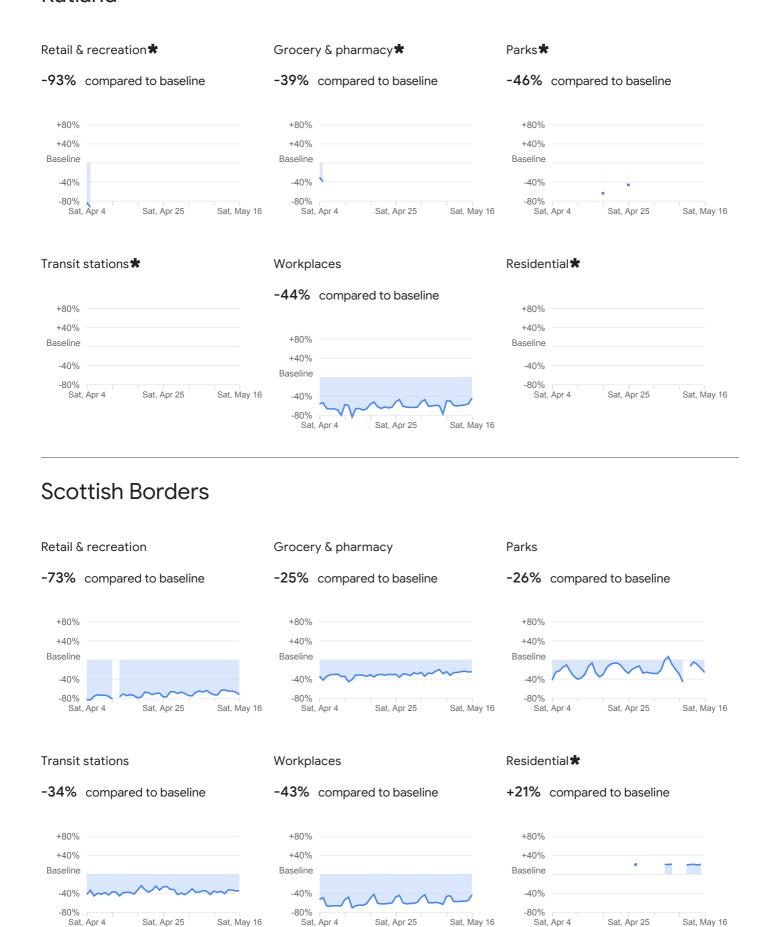




^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Rutland

Sat Apr 4



^{*} 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.

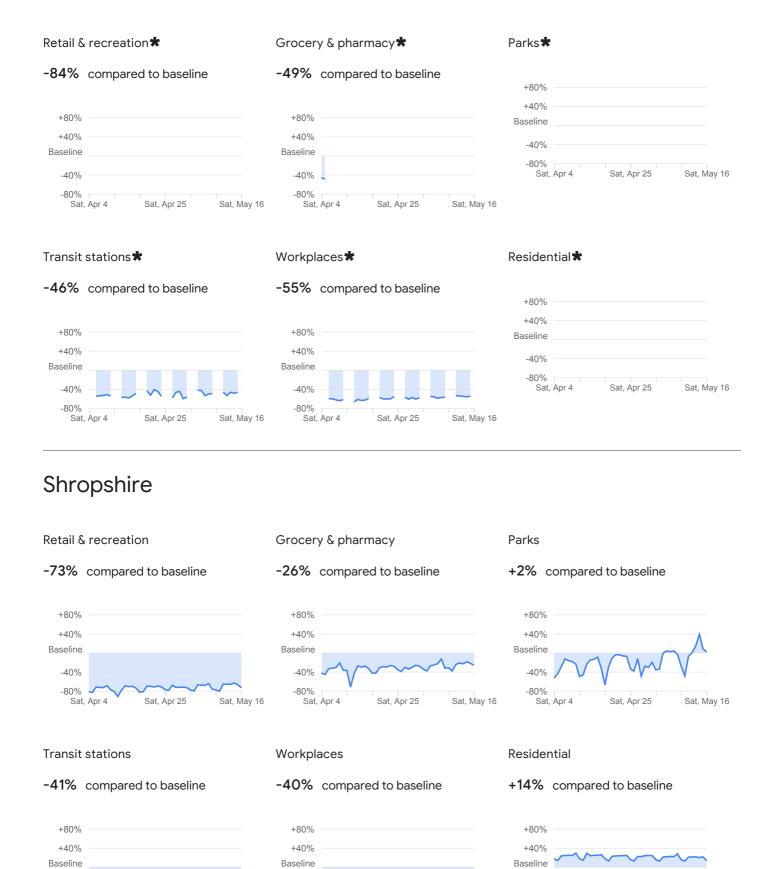
Shetland Islands

-40%

-80%

Sat. Apr 4

Sat, Apr 25



Sat, Apr 25

-40%

Sat. Apr 4

Sat. May 16

Sat, May 16

Sat. Apr 25

-40%

-80%

Sat. Apr 4

Sat. May 16

^{*} **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.

Slough

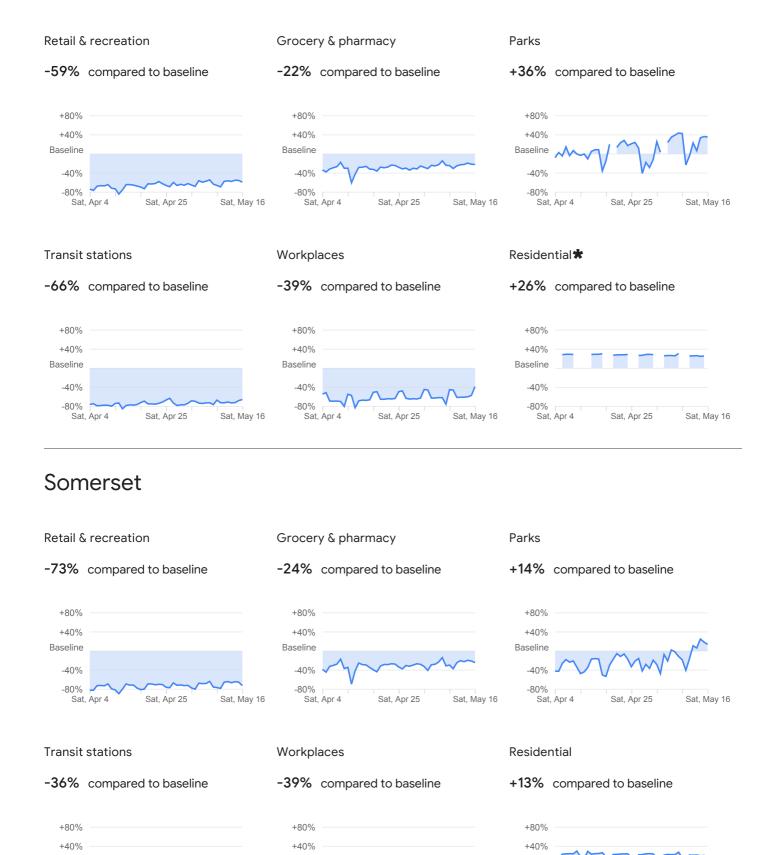
Baseline

-40%

-80%

Sat. Apr 4

Sat, Apr 25



Sat. Apr 25

Baseline

-40%

-80%

Sat. Apr 4

Sat. May 16

Sat, May 16

Sat. Apr 25

Baseline

-40%

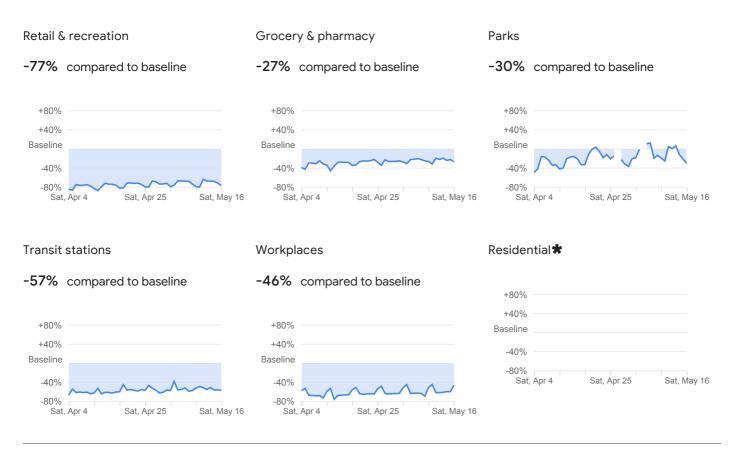
-80%

Sat. Apr 4

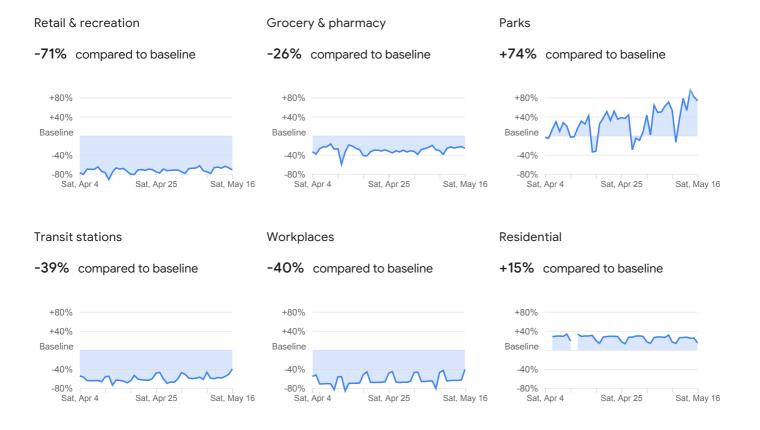
Sat. May 16

^{*} **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.

South Ayrshire Council

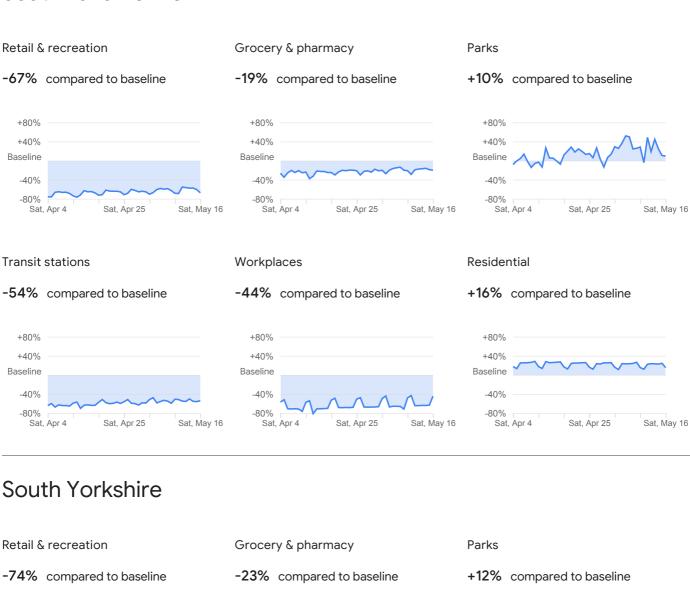


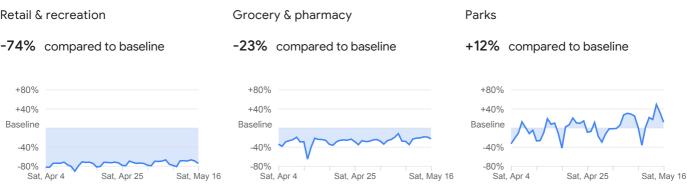
South Gloucestershire

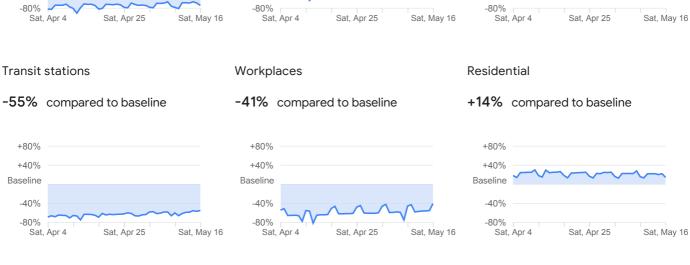


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

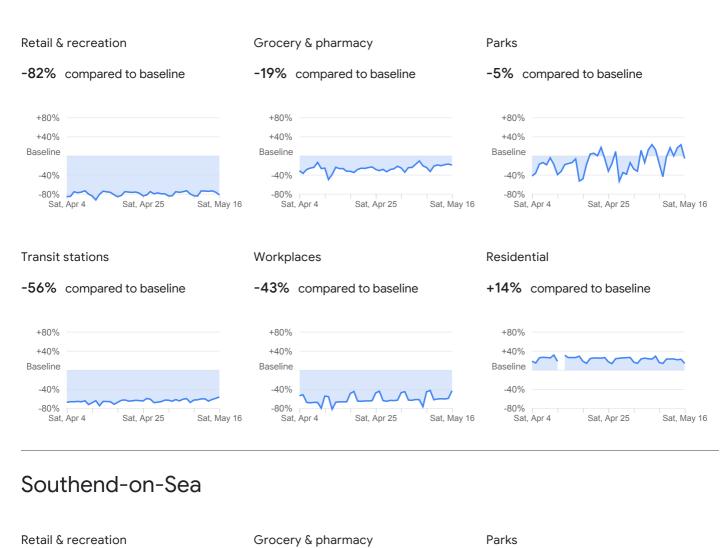
South Lanarkshire

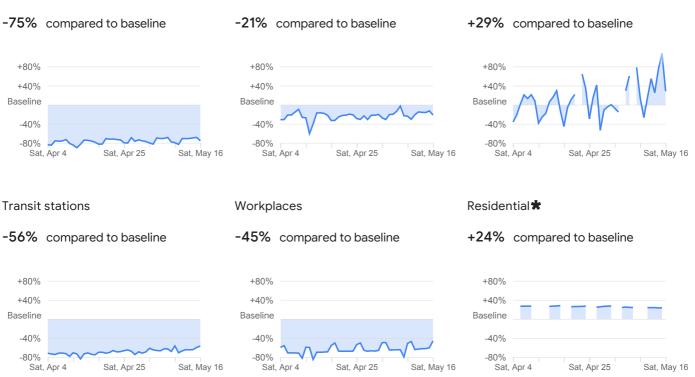






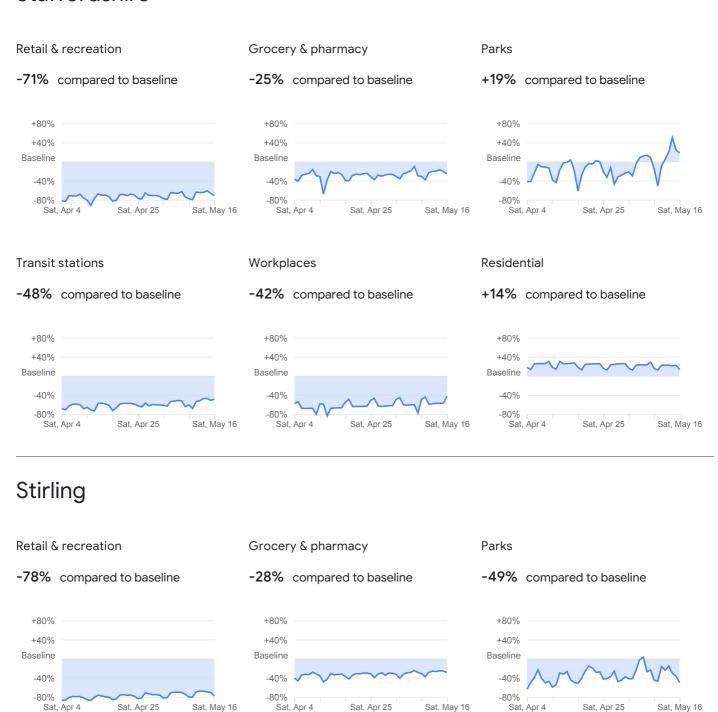
Southampton

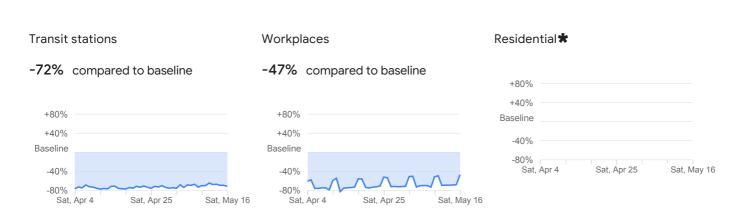




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Staffordshire





^{*} **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.

Stockton-on-Tees

+40%

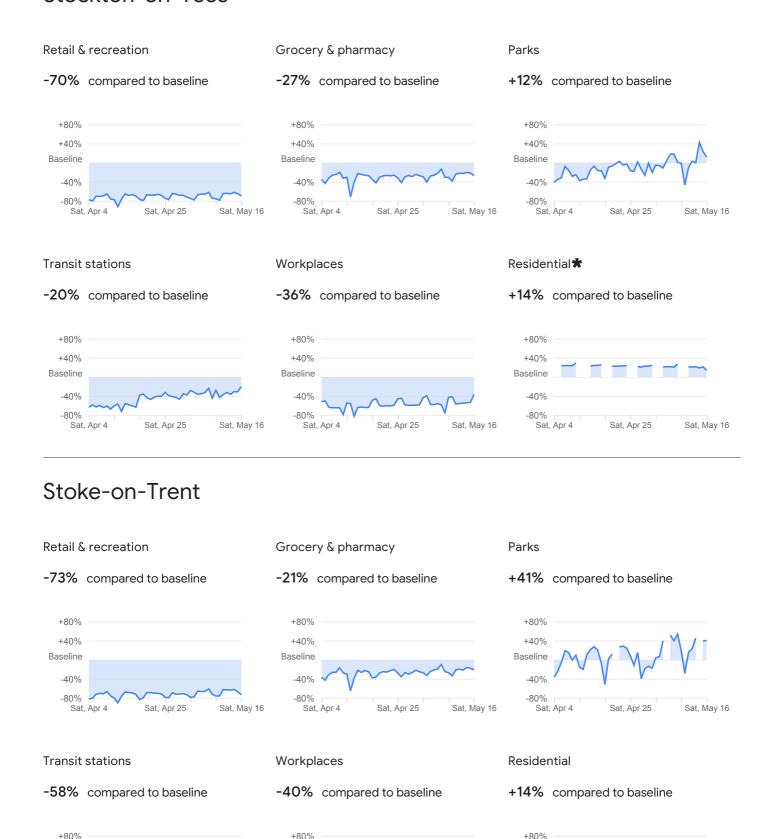
-40%

-80%

Sat, Apr 4

Sat, Apr 25

Baseline



Sat. Apr 25

+40%

-40%

-80%

Sat Apr 4

Sat. May 16

Sat, May 16

Sat. Apr 25

Baseline

+40%

-40%

-80%

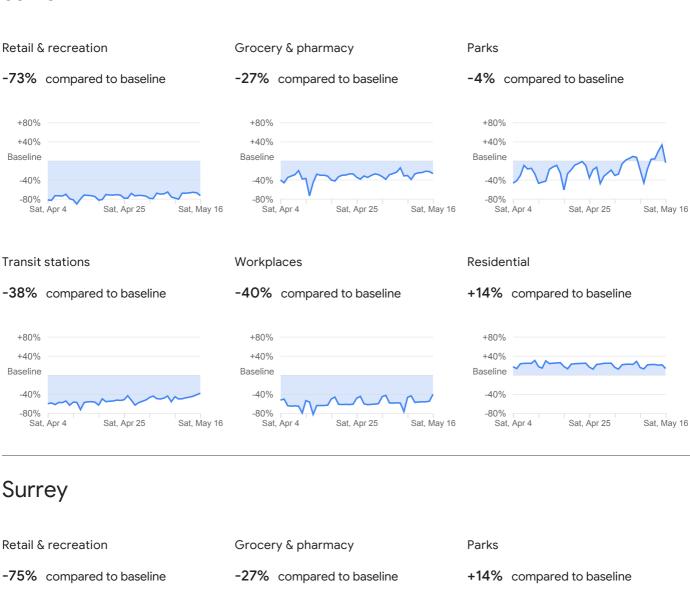
Sat. Apr 4

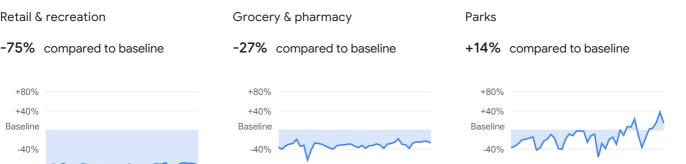
Sat, May 16

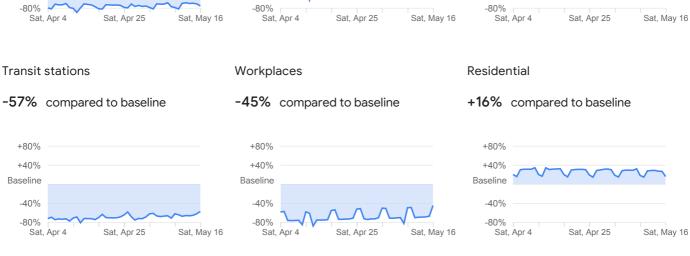
Baseline

^{*} **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.

Suffolk





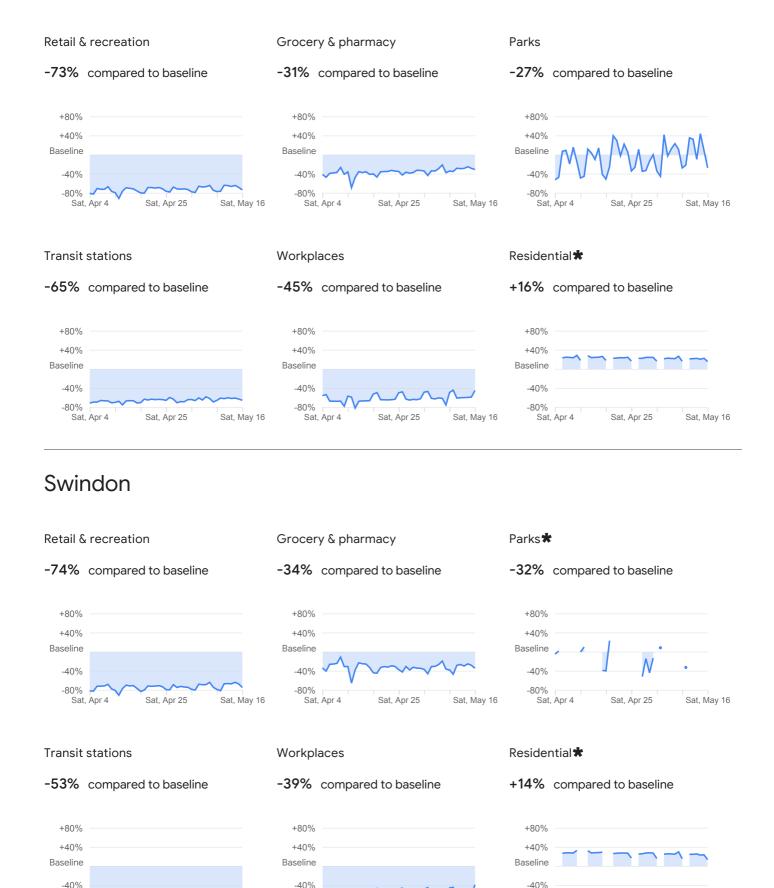


Swansea

-80%

Sat, Apr 4

Sat, Apr 25



Sat, Apr 25

-80%

Sat Apr 4

Sat. Apr 25

Sat. May 16

Sat, May 16

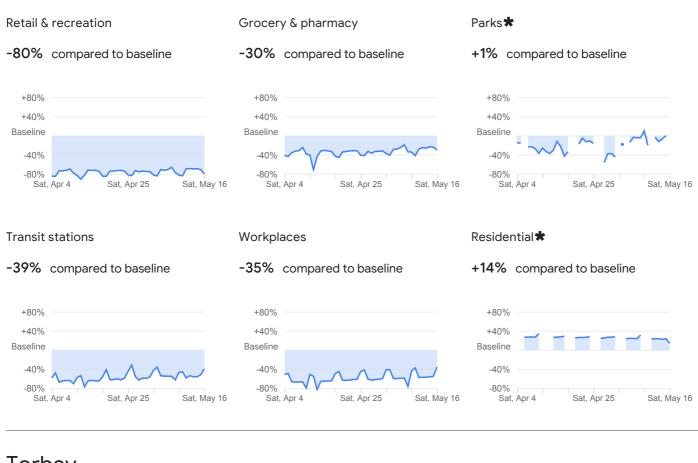
-80%

Sat. Apr 4

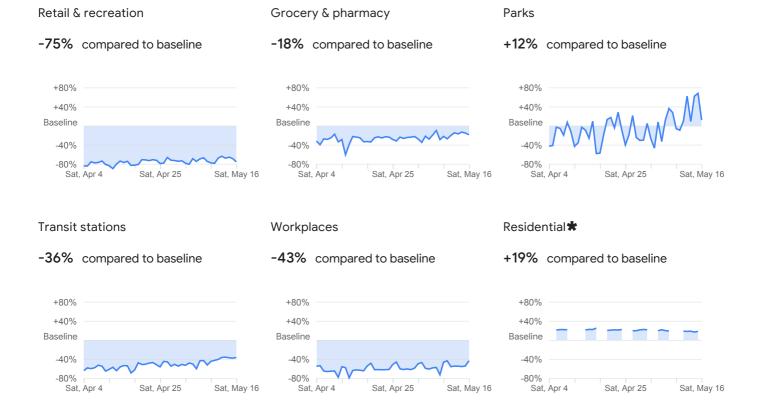
Sat, May 16

^{*} **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.

Thurrock

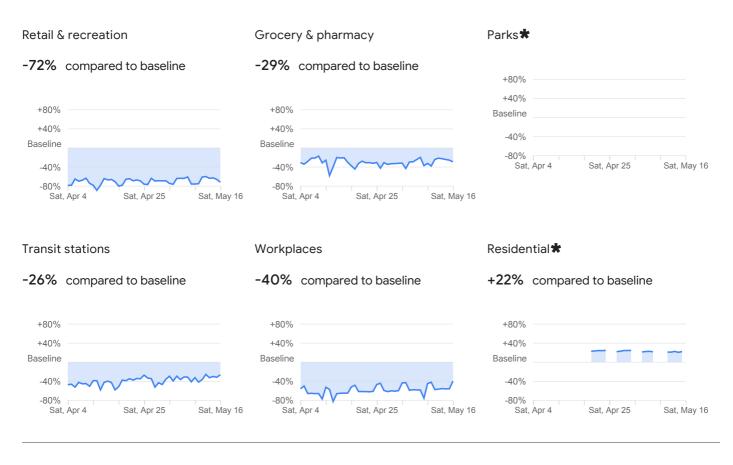


Torbay

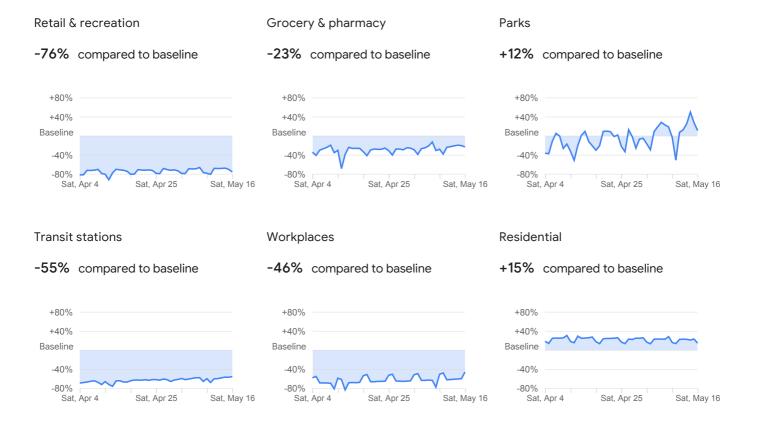


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Torfaen Principal Area

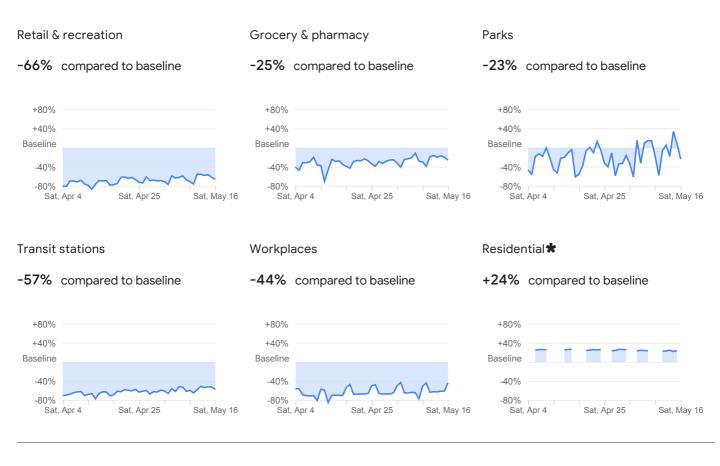


Tyne and Wear

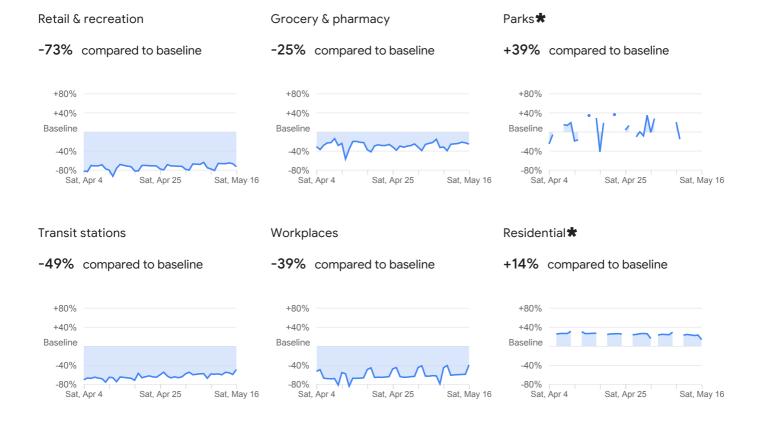


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Vale of Glamorgan



Warrington



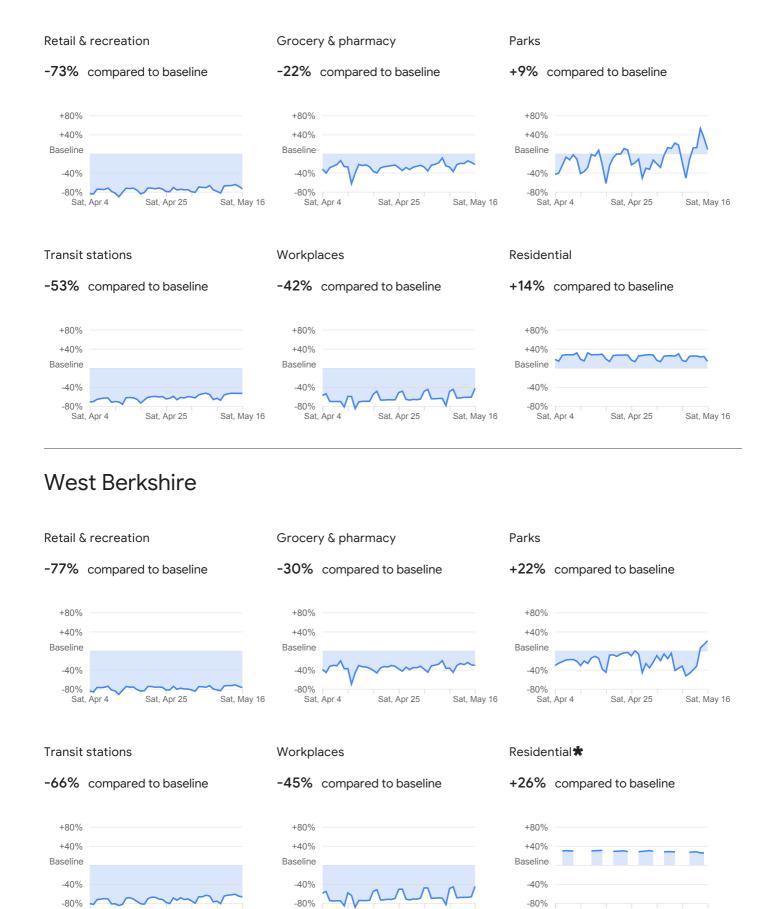
^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Warwickshire

Sat, Apr 4

Sat. Apr 25

Sat. May 16



^{*} **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.

Sat. Apr 4

Sat, Apr 25

Sat, May 16

Sat Apr 4

Sat Apr 25

Sat, May 16

West Dunbartonshire Council

-44% compared to baseline

Sat. Apr 25

+80%

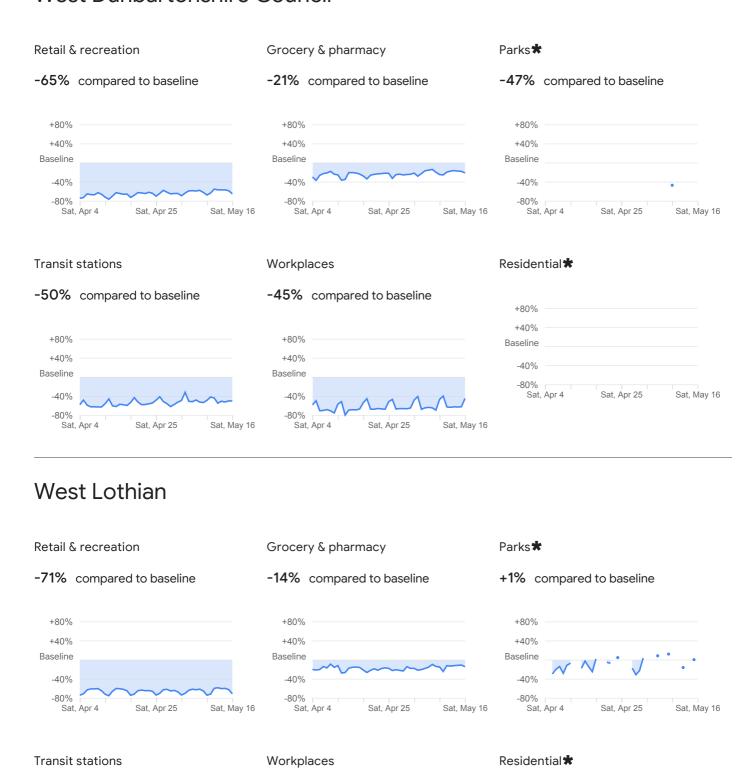
+40%

-40%

-80%

Sat Apr 4

Baseline



Sat, Apr 25

-44% compared to baseline

+80%

+40%

-40%

-80%

Sat. Apr 4

Sat. May 16

Baseline

+24% compared to baseline

Sat Apr 25

Sat, May 16

+80%

+40%

-40%

-80%

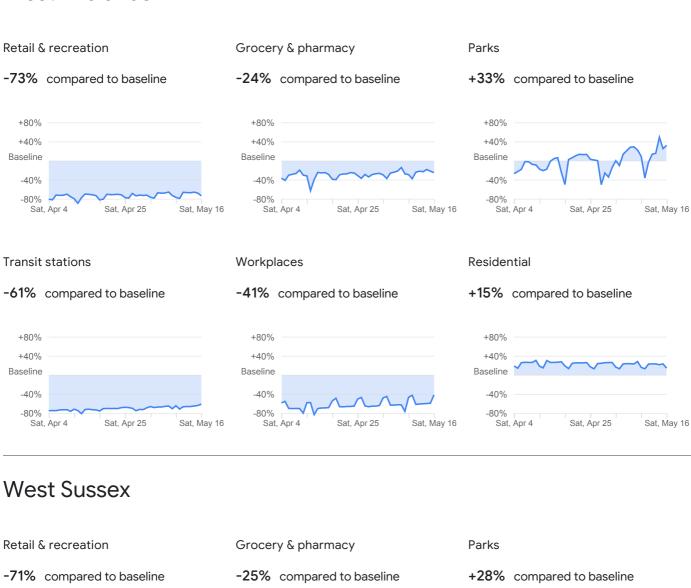
Sat Apr 4

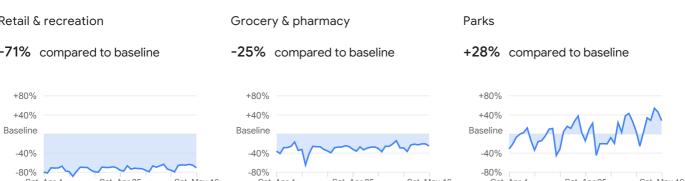
Sat. May 16

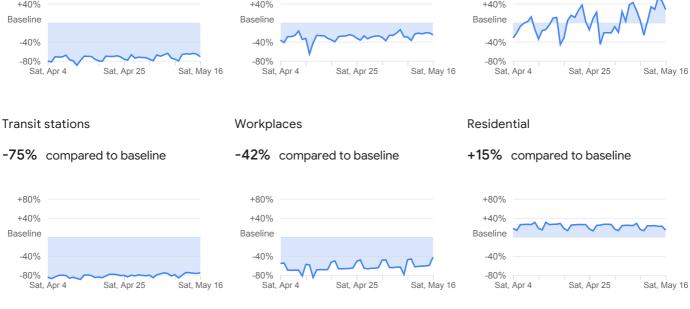
Baseline

^{*} **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.

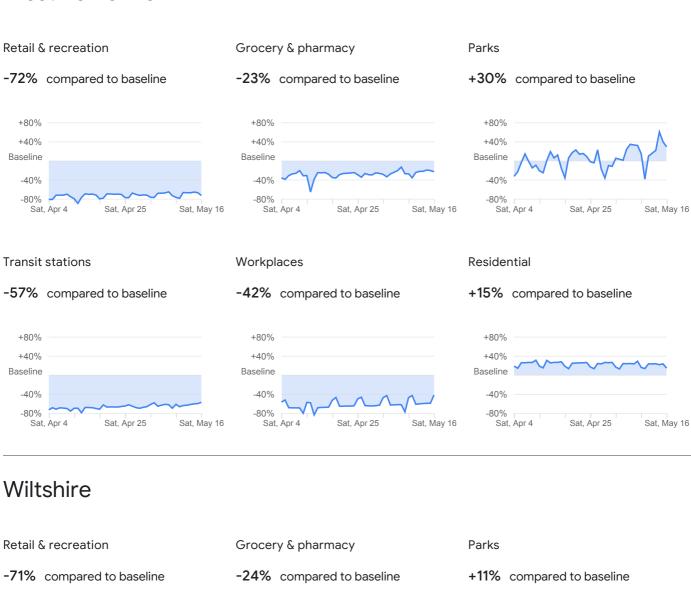
West Midlands

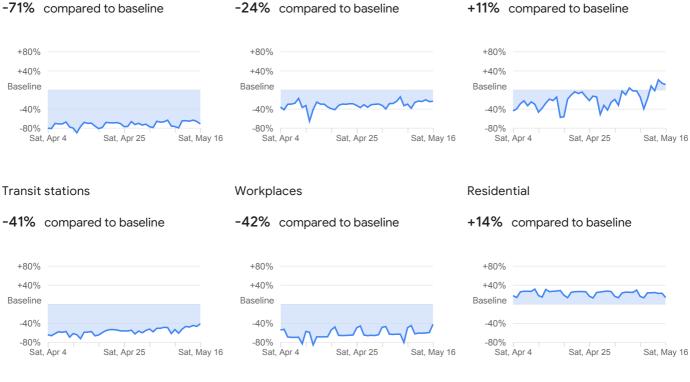




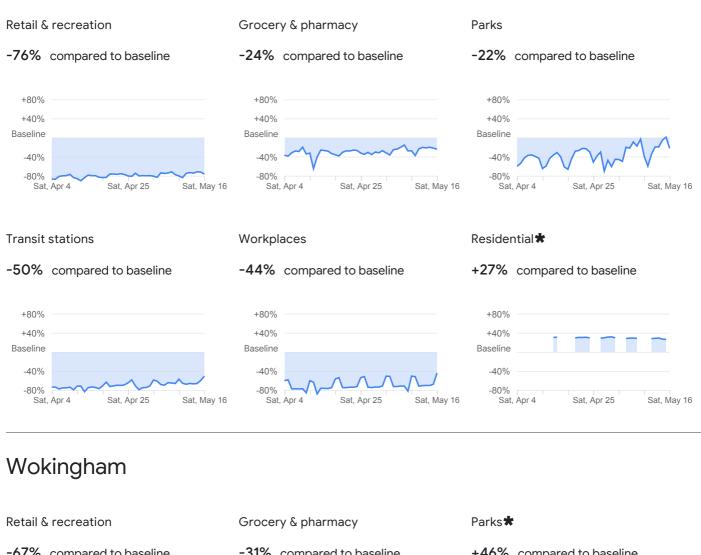


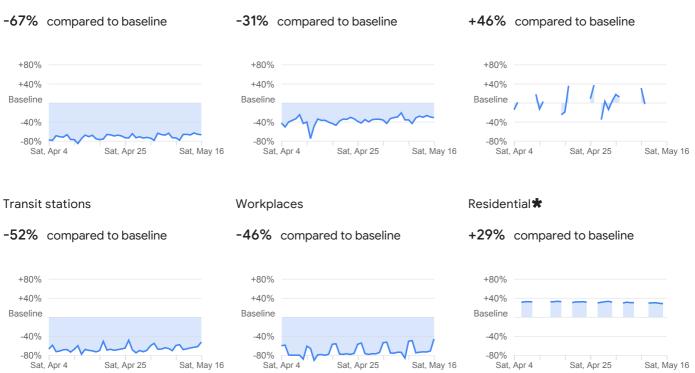
West Yorkshire





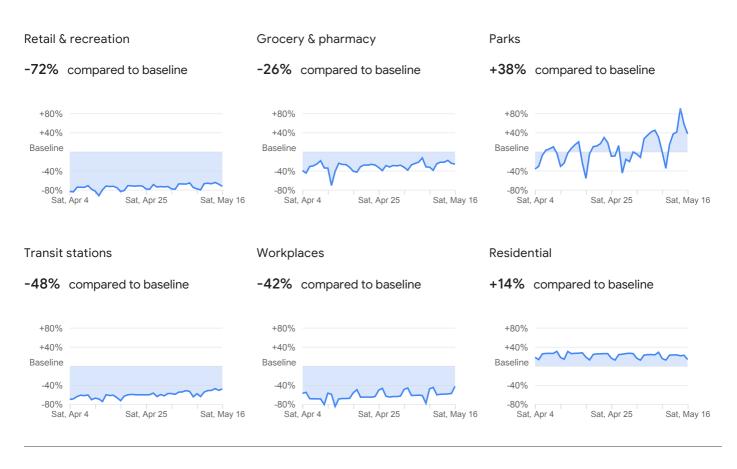
Windsor and Maidenhead



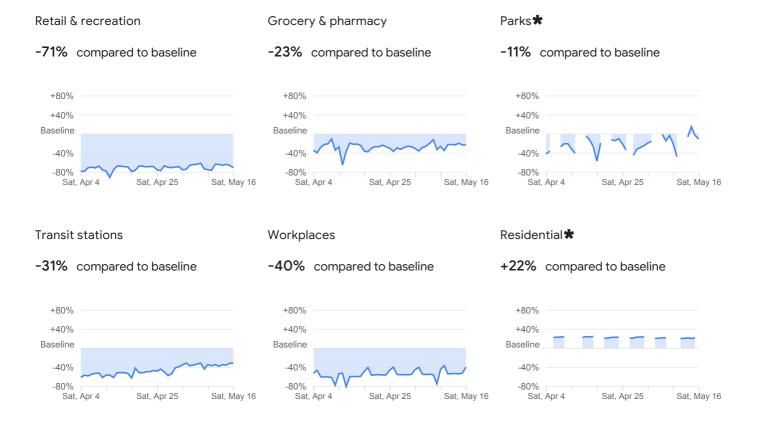


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Worcestershire



Wrexham Principal Area



^{*} **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.

York

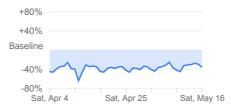
Retail & recreation

-80% compared to baseline



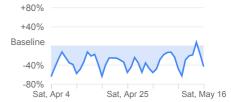
Grocery & pharmacy

-37% compared to baseline



Parks

-43% compared to baseline



Transit stations

-73% compared to baseline



Workplaces

-55% compared to baseline



Residential*

+26% compared to baseline



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