

United Kingdom April 11, 2020

Mobility changes

Google prepared this report to help you and public health officials understand responses to social distancing guidance related to COVID-19. This report shouldn't be used for medical diagnostic, prognostic, or treatment purposes. It also isn't intended to be used for guidance on personal travel plans.

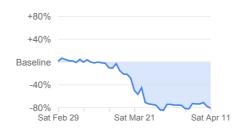
Location accuracy and the understanding of categorized places varies from region to region, so we don't recommend using this data to compare changes between countries, or between regions with different characteristics (e.g. rural versus urban areas).

We'll leave a region out of the report if we don't have statistically significant levels of data. To learn how we calculate these trends and preserve privacy, read About this data.

Retail & recreation

-81%

compared to baseline

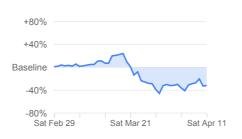


Mobility trends for places like restaurants, cafes, shopping centers, theme parks, museums, libraries, and movie theaters.

Grocery & pharmacy

-32%

compared to baseline



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

Parks

-37%

compared to baseline

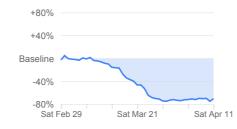


Mobility trends for places like national parks, public beaches, marinas, dog parks, plazas, and public gardens.

Transit stations

-70%

compared to baseline

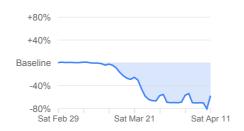


Mobility trends for places like public transport hubs such as subway, bus, and train stations.

Workplaces

-57%

compared to baseline

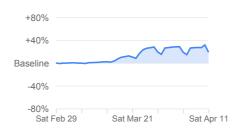


Mobility trends for places of work.

Residential

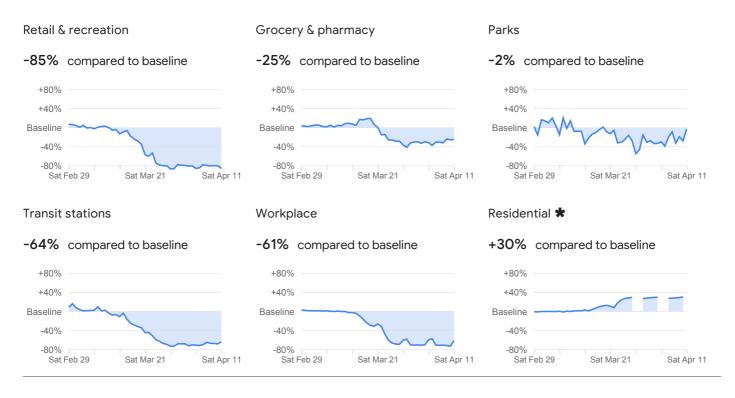
+19%

compared to baseline

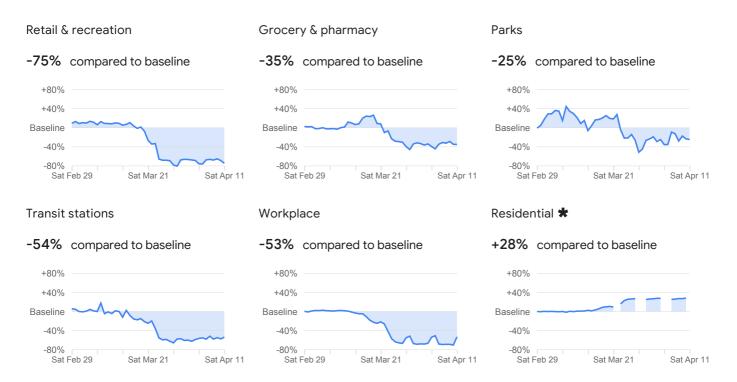


Mobility trends for places of residence.

Aberdeen City

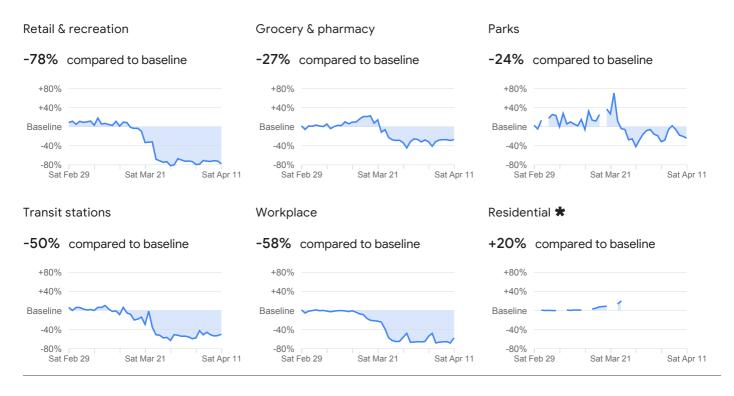


Aberdeenshire

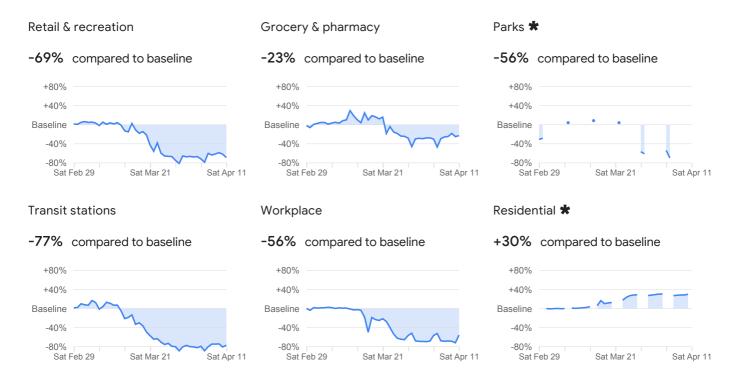


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Angus council

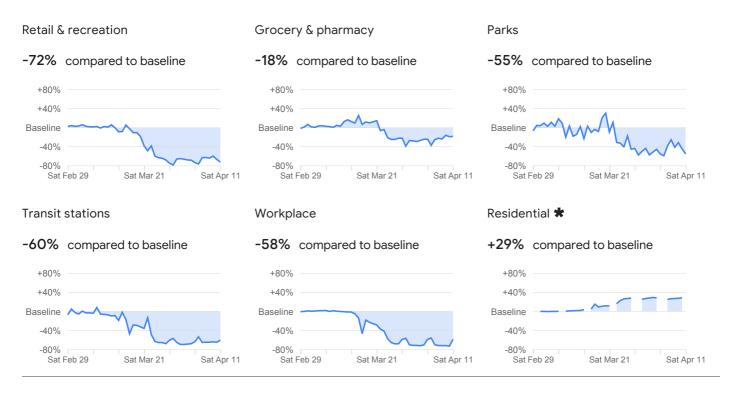


Antrim And Newtownabbey

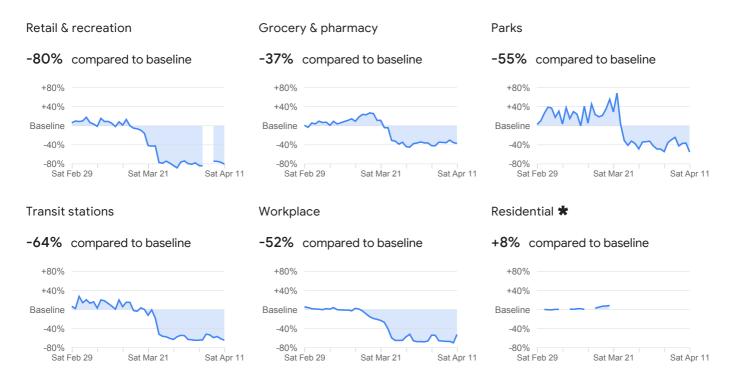


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Ards And North Down

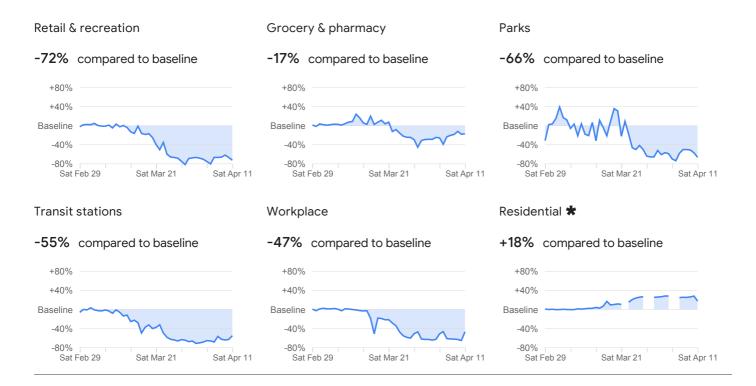


Argyll and Bute Council

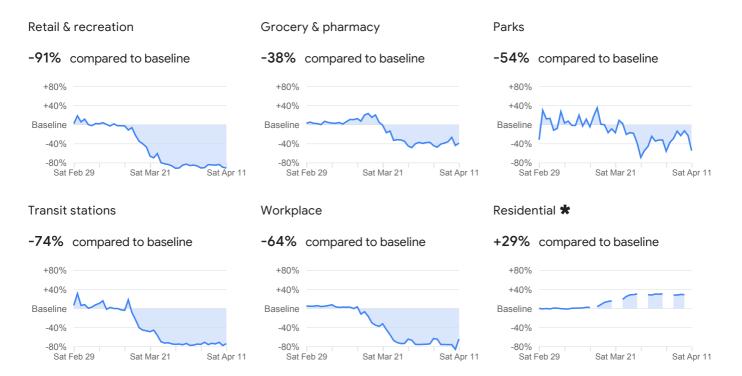


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Armagh City, Banbridge And Craigavon



Bath and North East Somerset

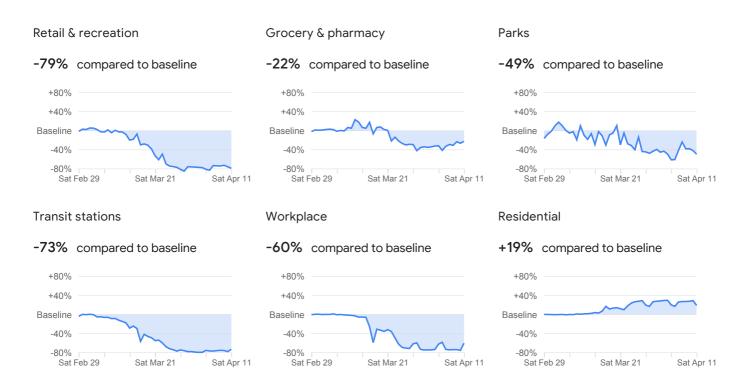


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Bedford



Belfast

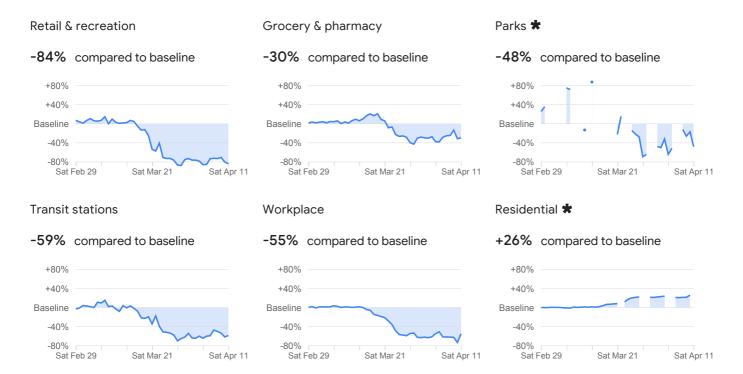


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Blackburn with Darwen

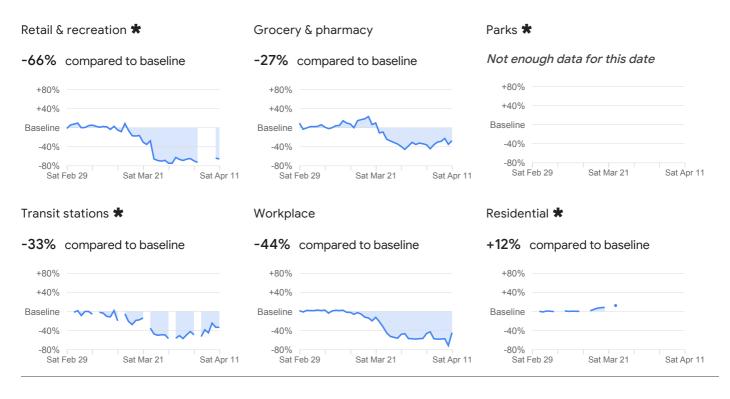


Blackpool

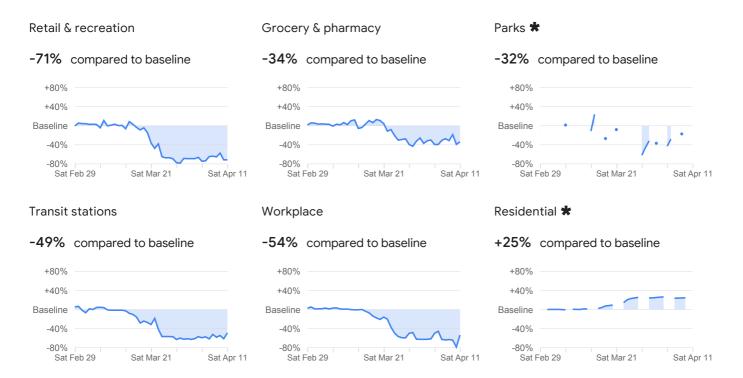


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Blaenau Gwent



Borough of Halton

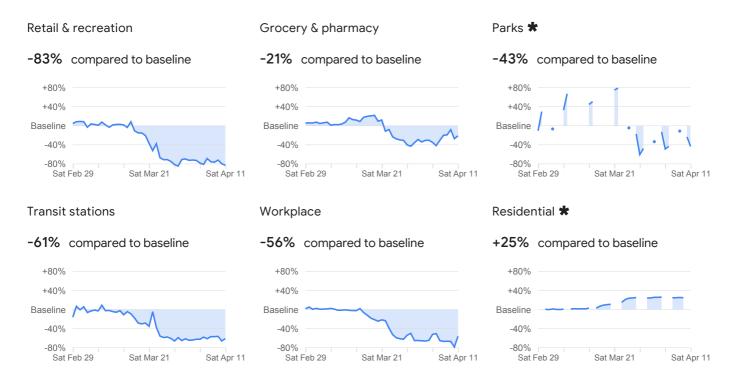


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Bracknell Forest



Bridgend County Borough

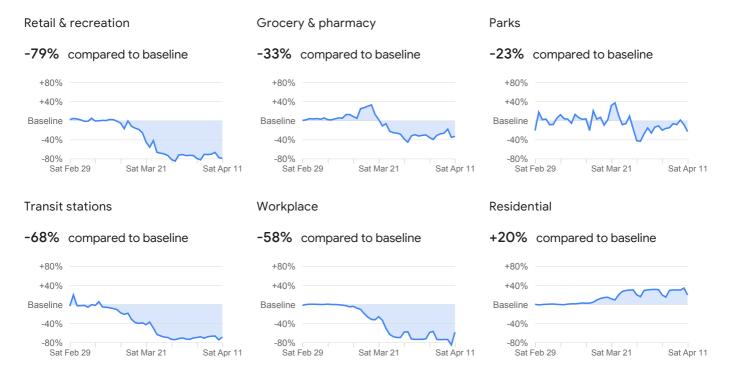


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Brighton and Hove

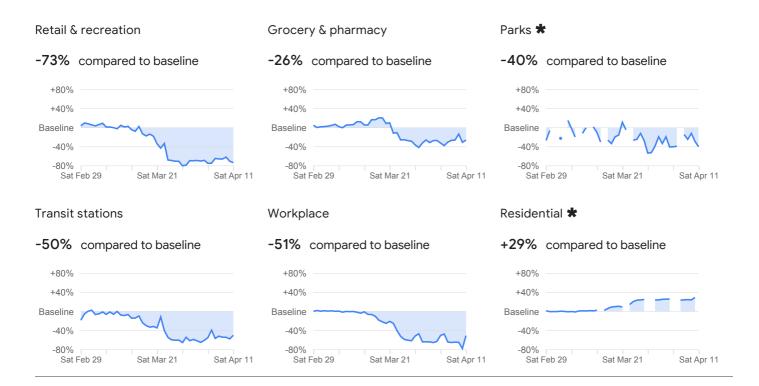


Buckinghamshire

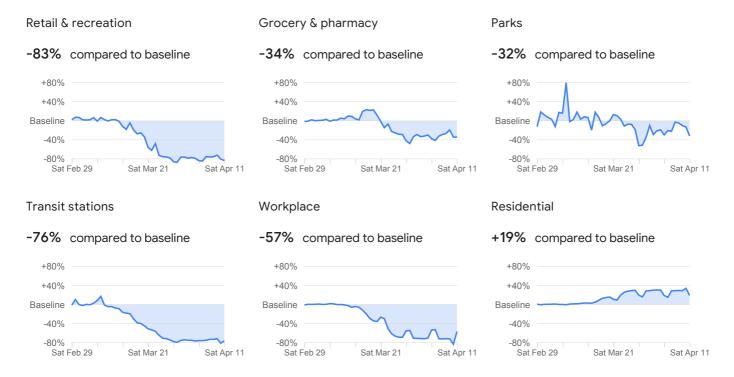


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Caerphilly County Borough



Cambridgeshire

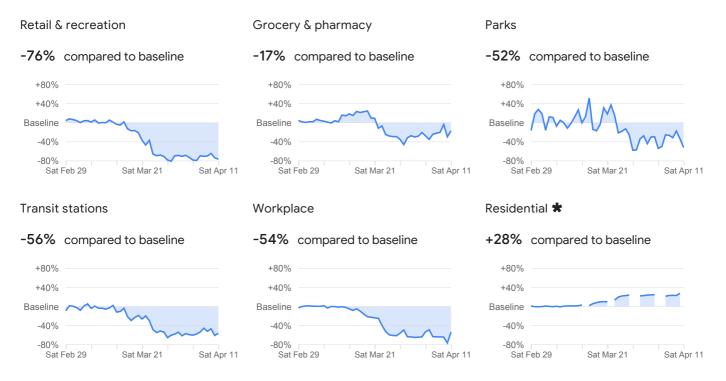


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Cardiff



Carmarthenshire

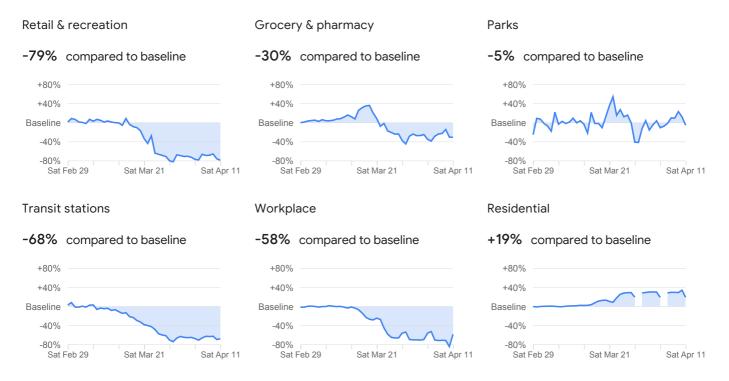


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Causeway Coast and Glens

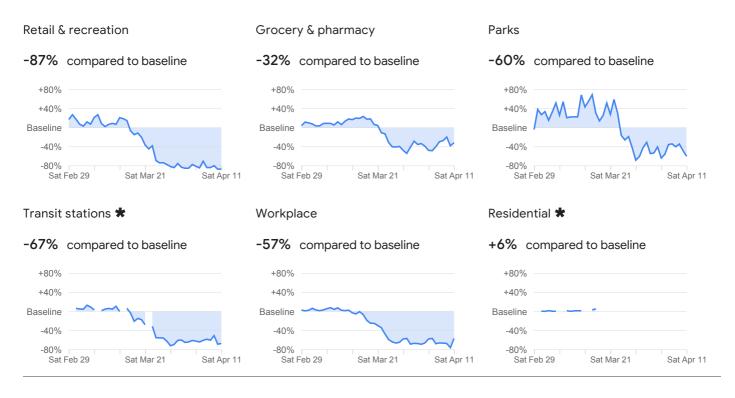


Central Bedfordshire

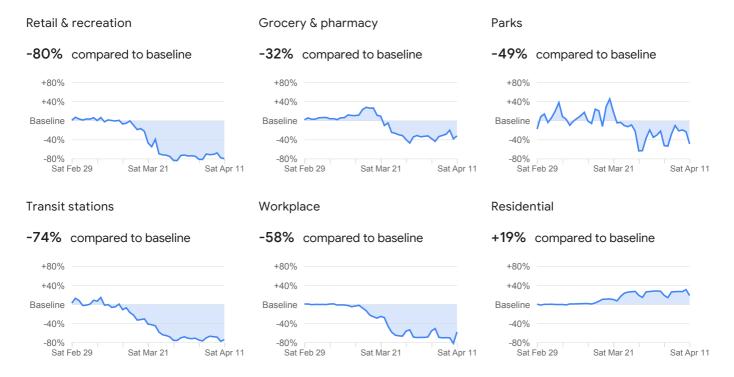


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Ceredigion

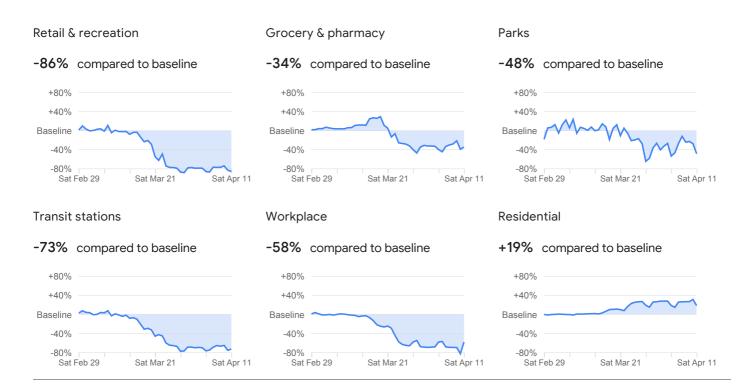


Cheshire East

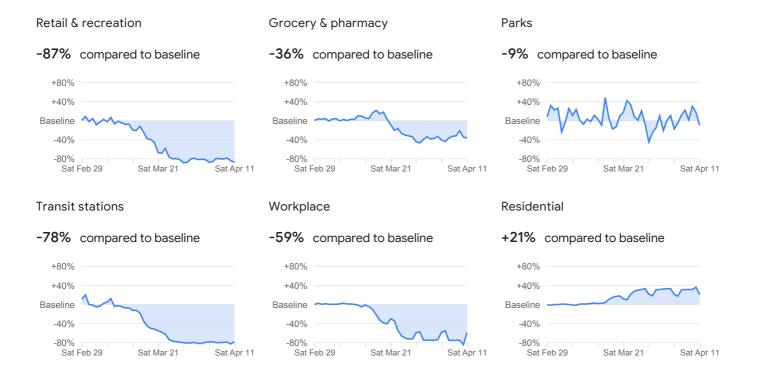


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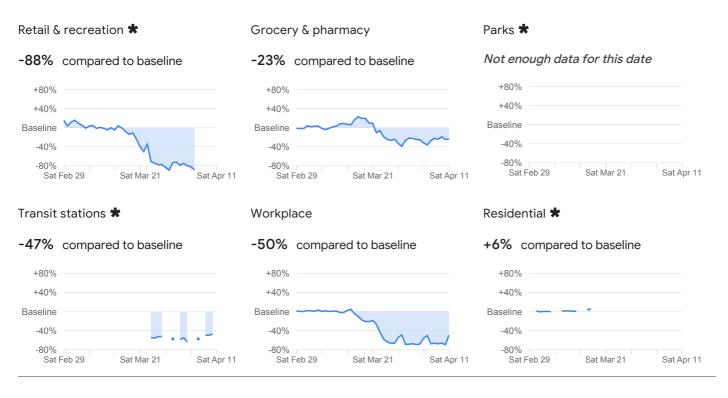
Cheshire West and Chester



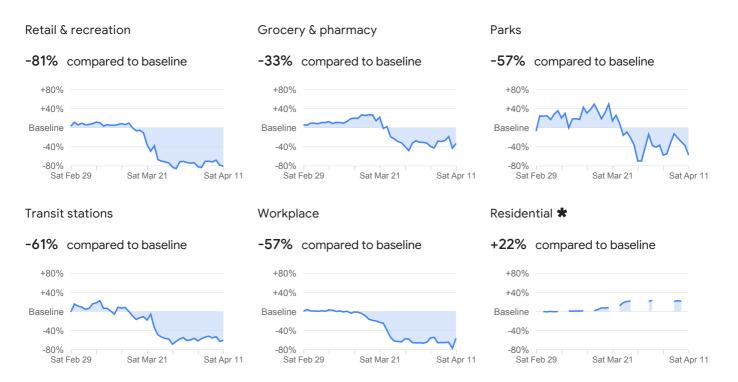
City of Bristol



Clackmannanshire

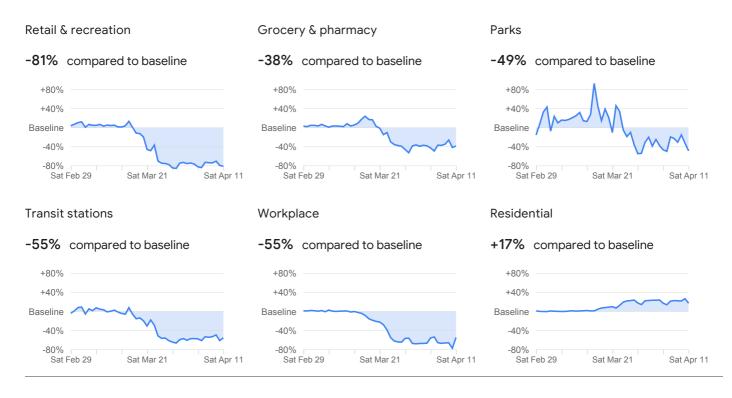


Conwy Principal Area

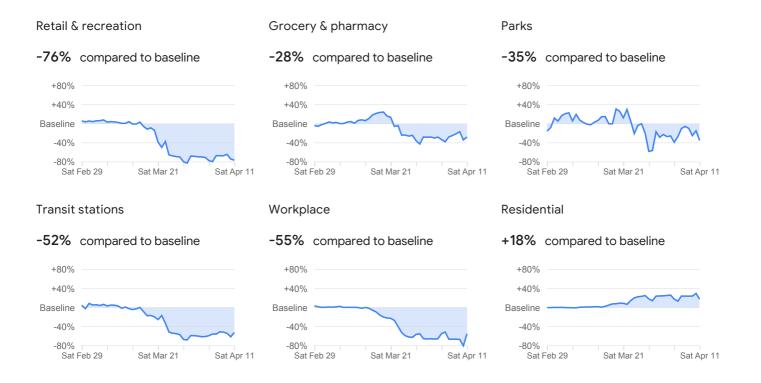


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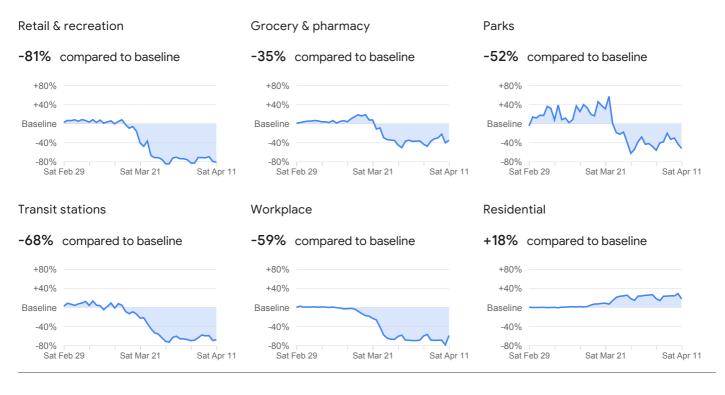
Cornwall



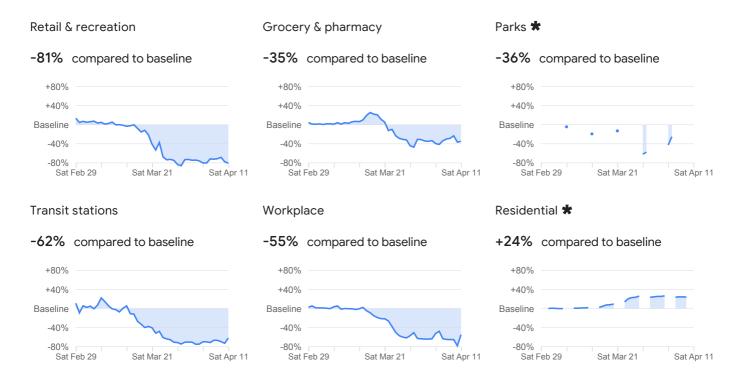
County Durham



Cumbria



Darlington

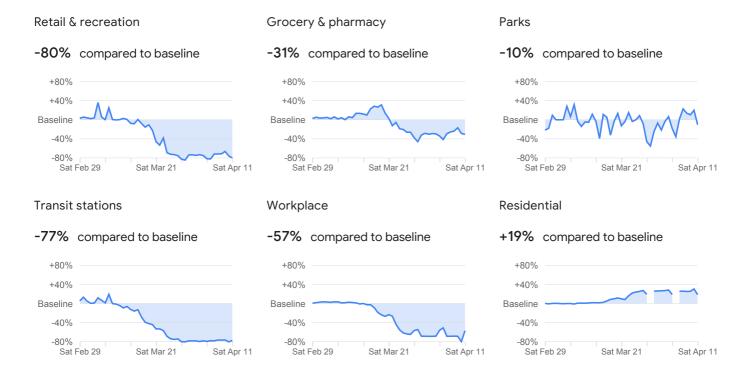


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Denbighshire

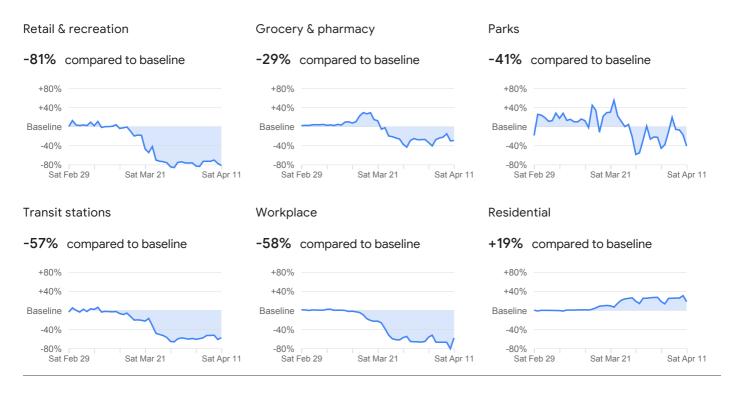


Derby

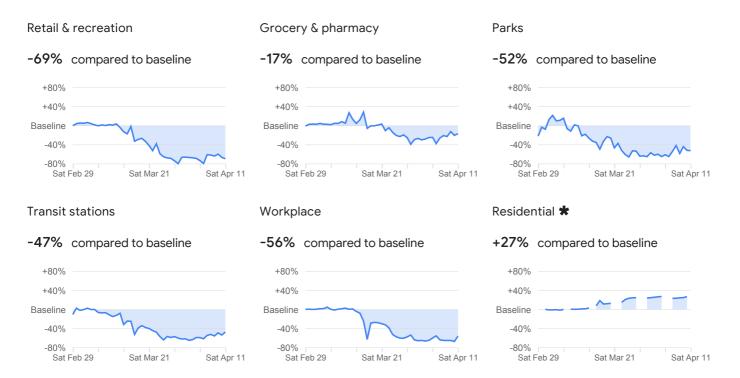


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Derbyshire

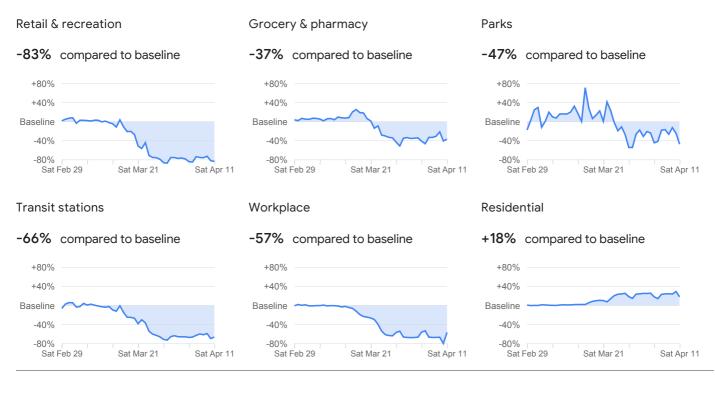


Derry And Strabane

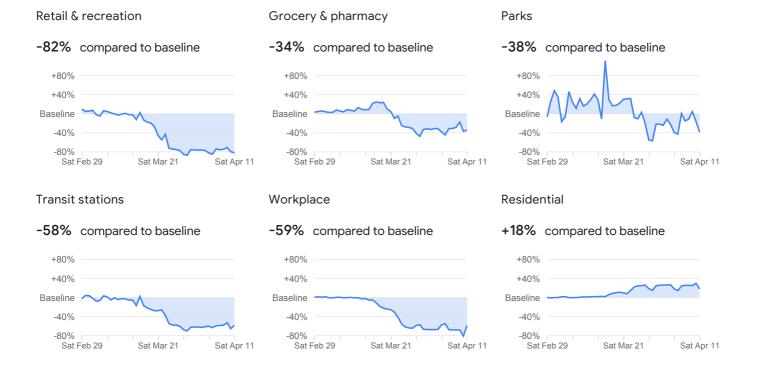


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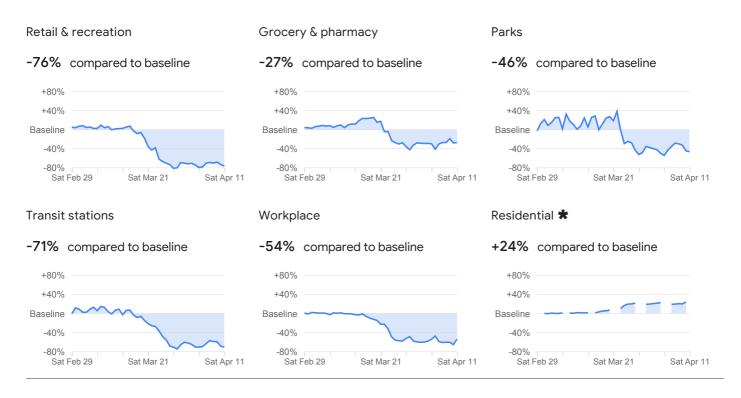
Devon



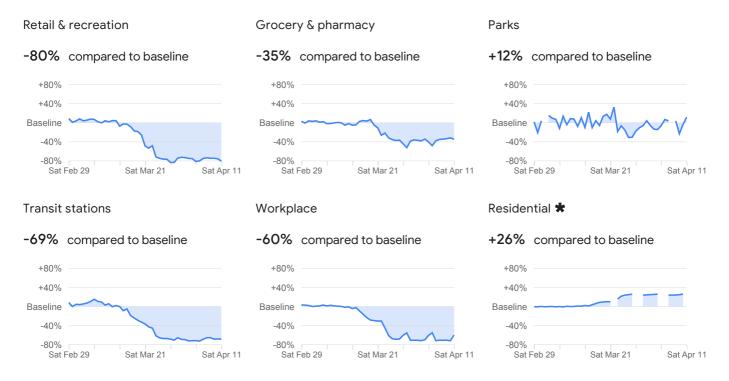
Dorset



Dumfries and Galloway

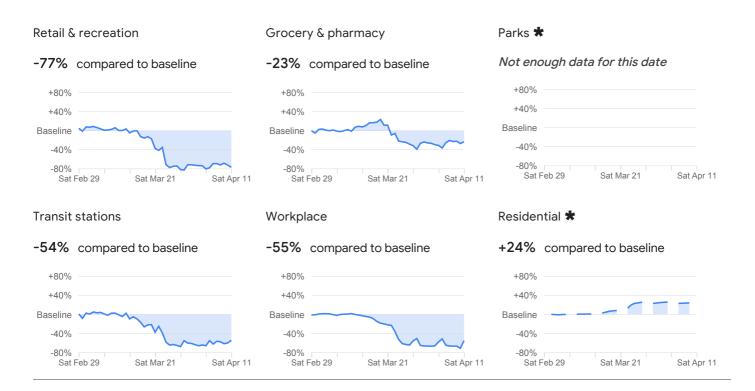


Dundee City Council

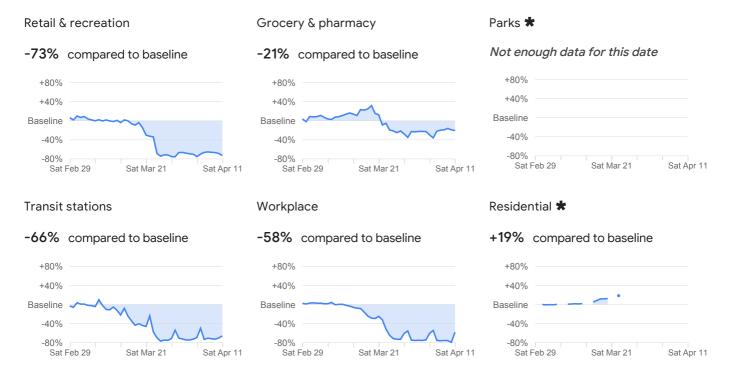


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East Ayrshire Council



East Dunbartonshire Council

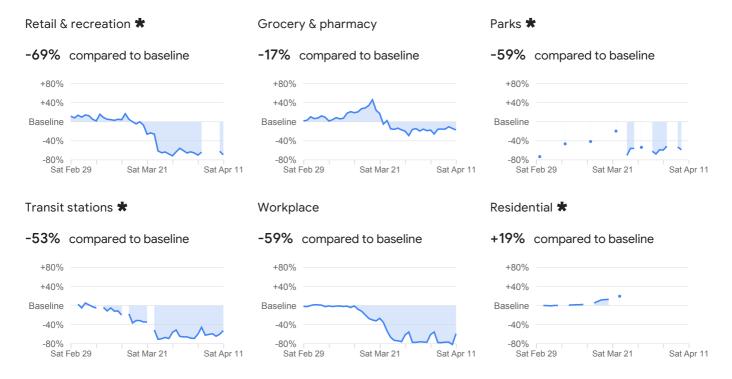


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East Lothian Council

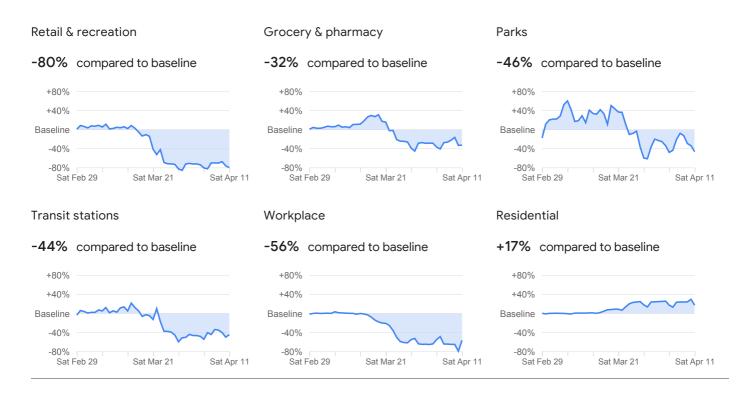


East Renfrewshire Council

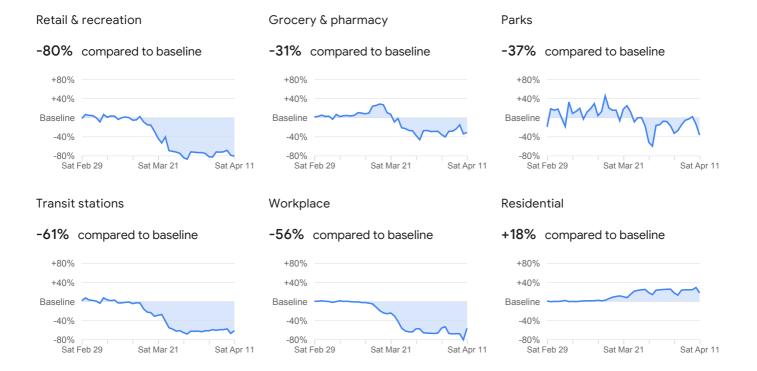


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East Riding of Yorkshire



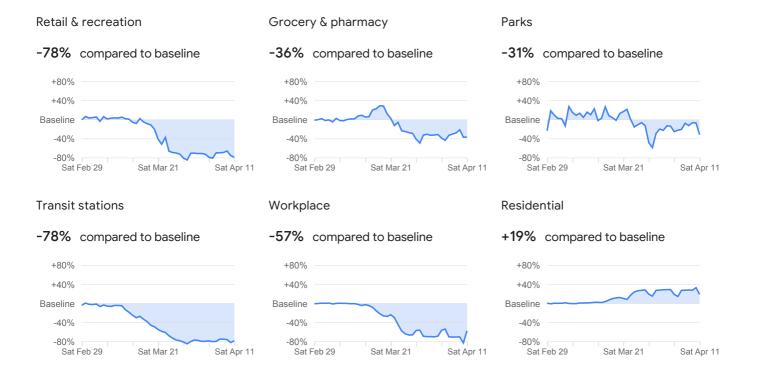
East Sussex



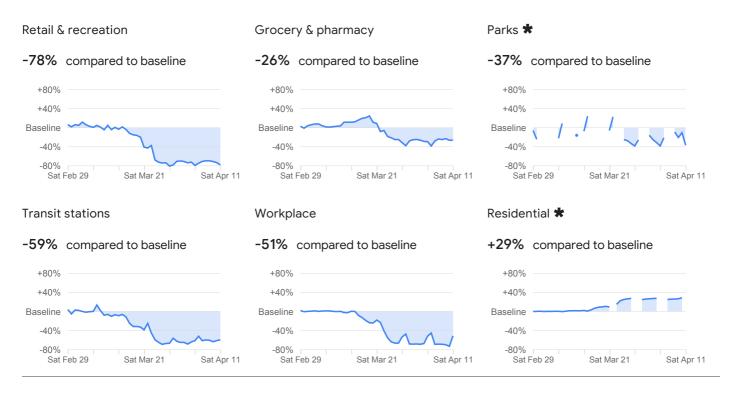
Edinburgh



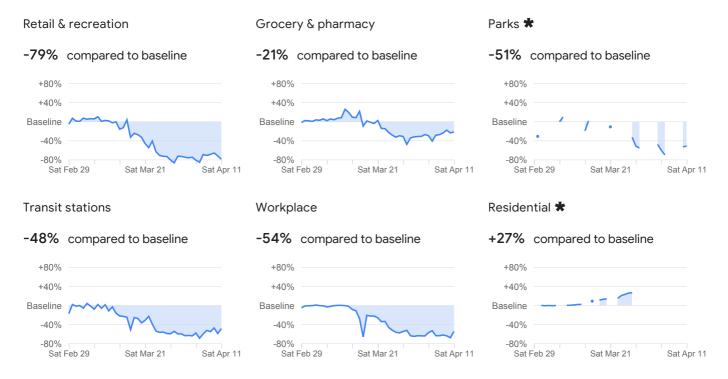
Essex



Falkirk



Fermanagh And Omagh

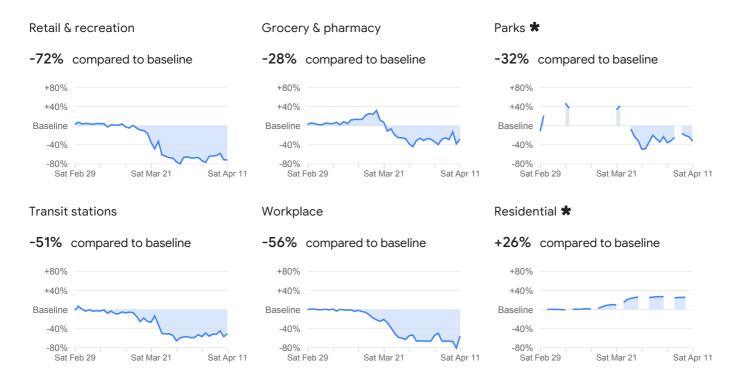


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Fife

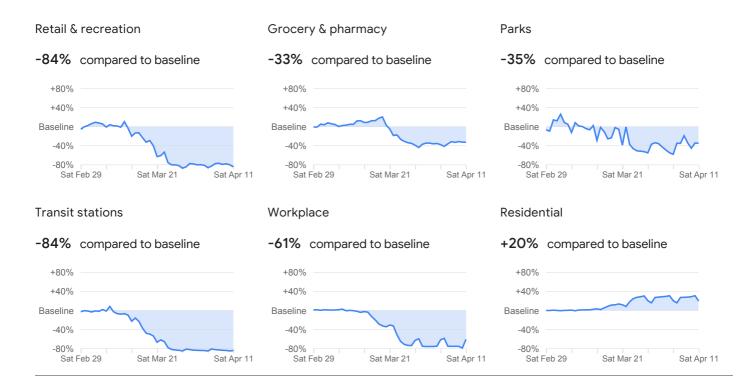


Flintshire

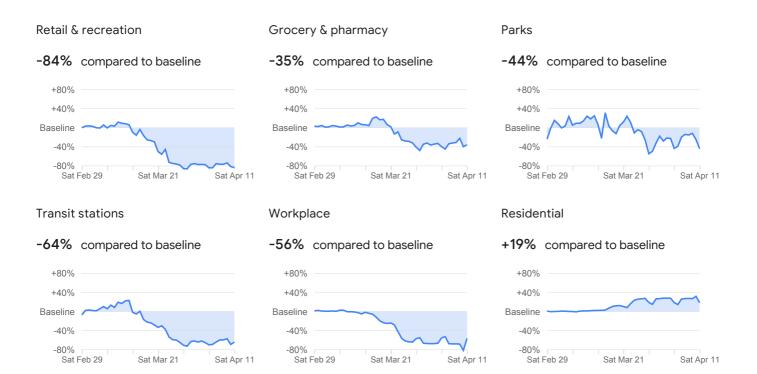


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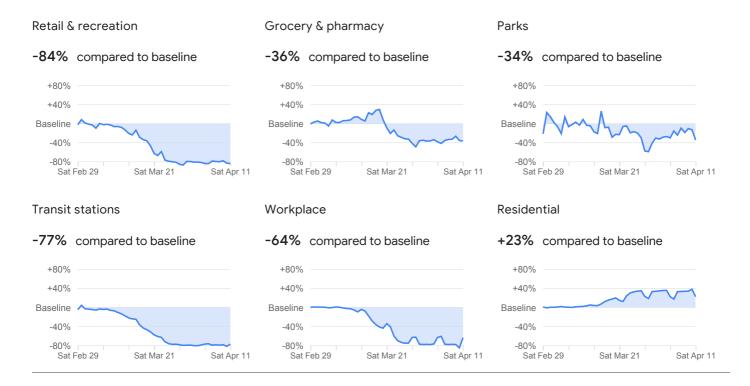
Glasgow City



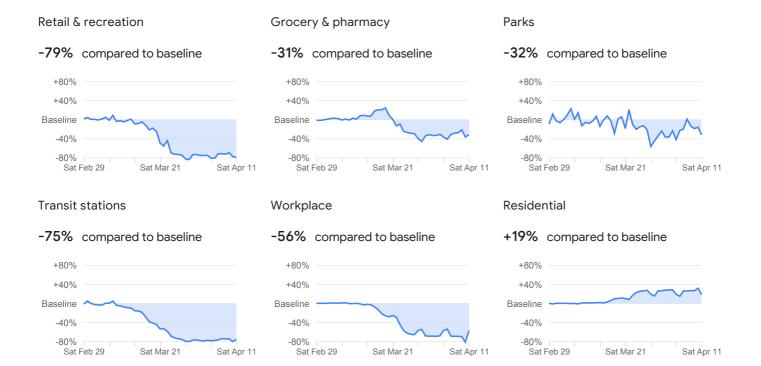
Gloucestershire



Greater London



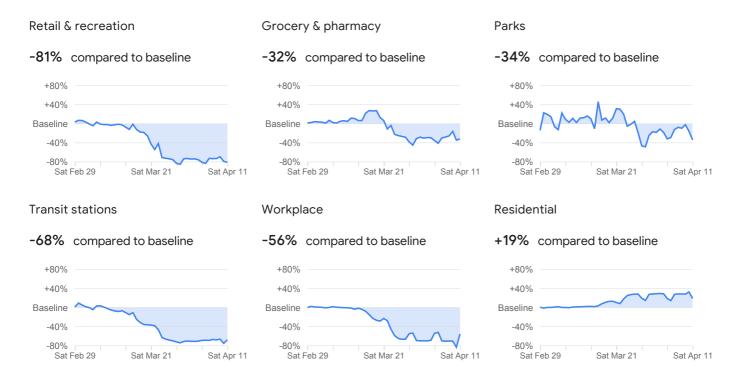
Greater Manchester



Gwynedd

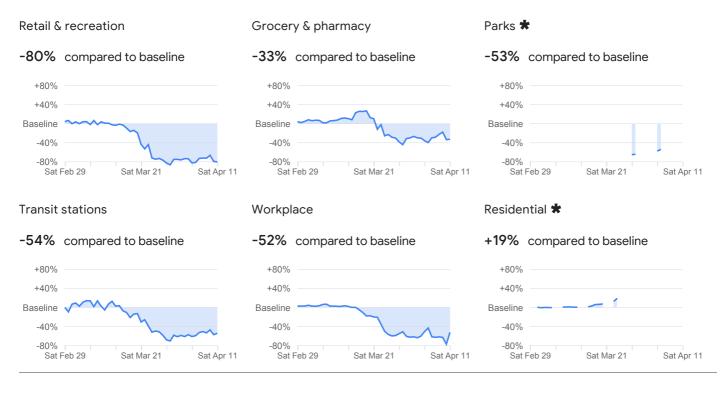


Hampshire

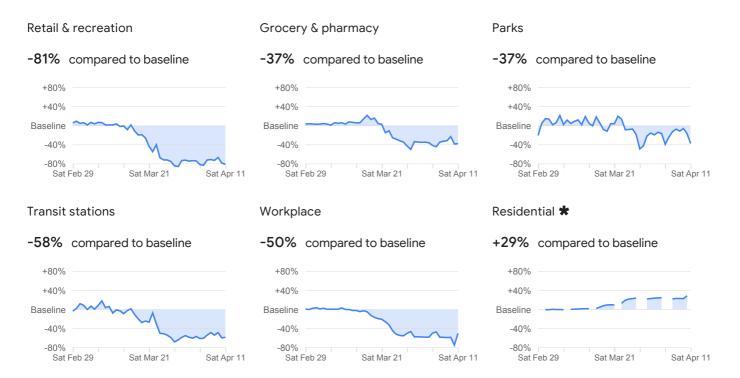


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Hartlepool



Herefordshire

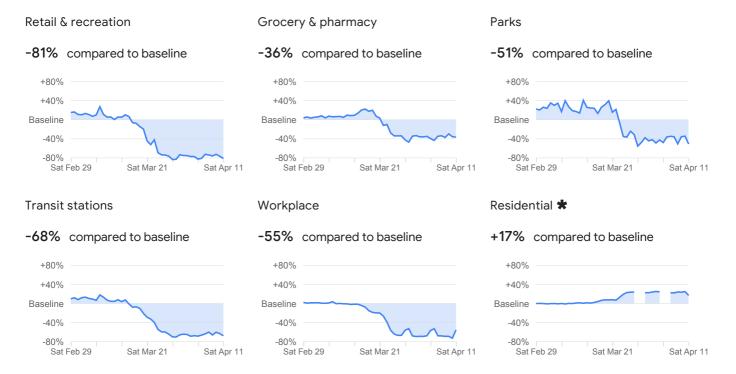


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Hertfordshire

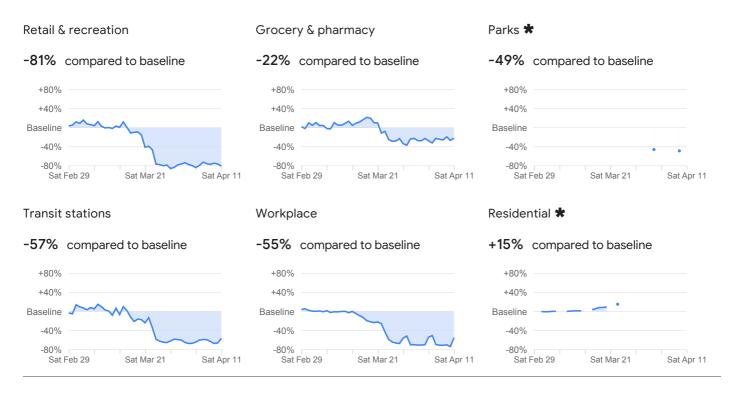


Highland Council

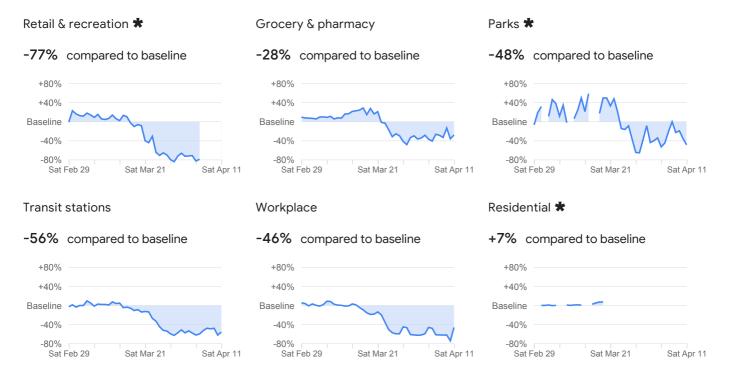


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Inverclyde



Isle of Anglesey

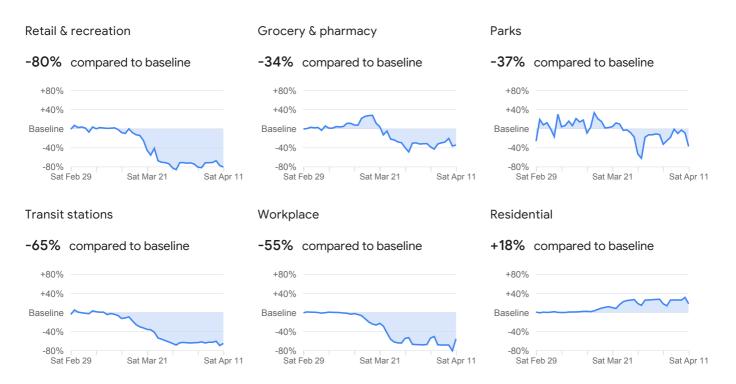


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Isle of Wight

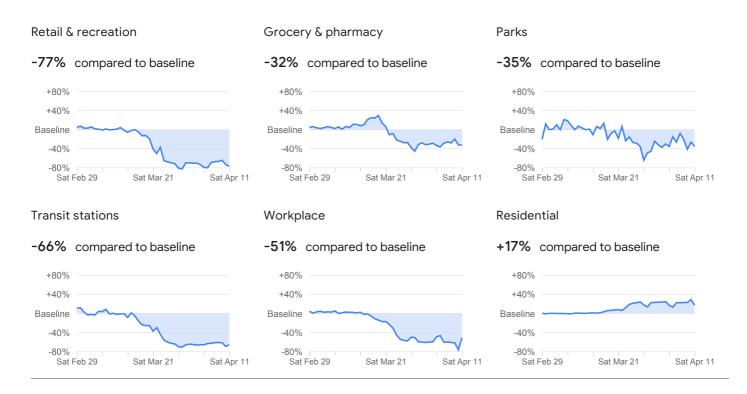


Kent

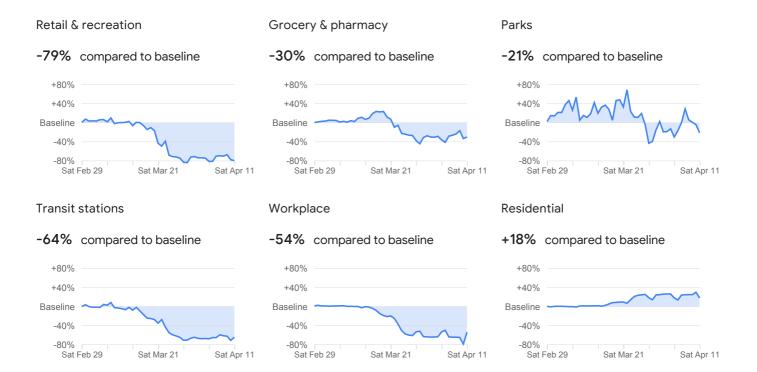


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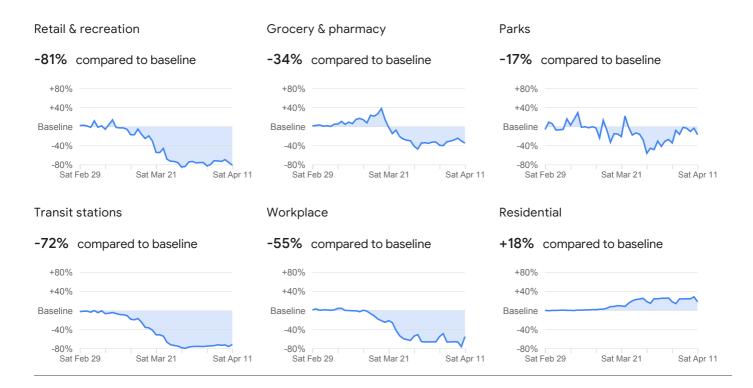
Kingston upon Hull



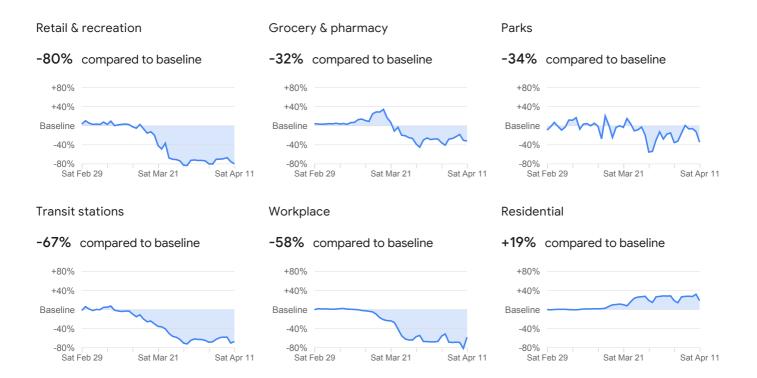
Lancashire



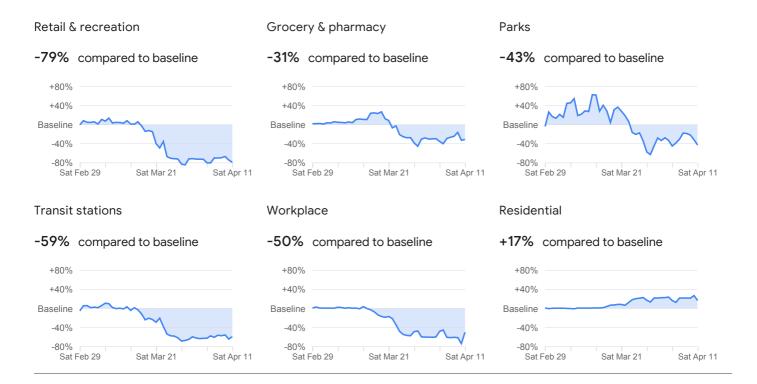
Leicester



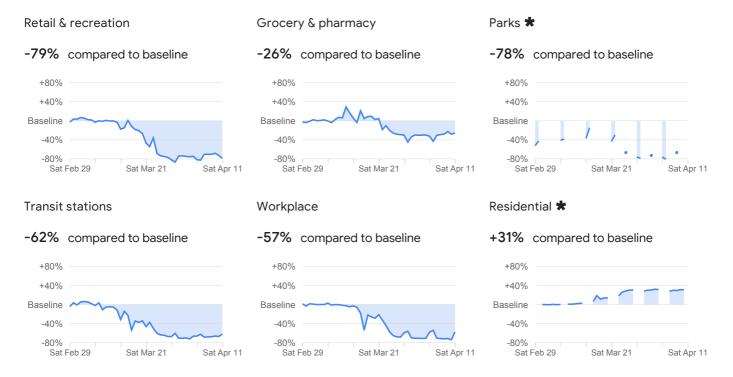
Leicestershire



Lincolnshire

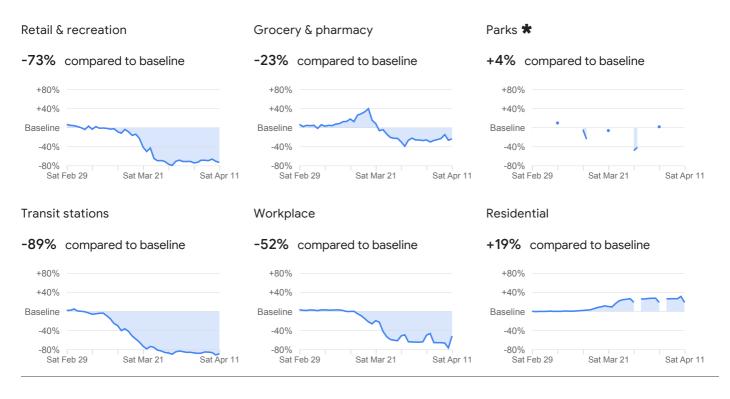


Lisburn and Castlereagh

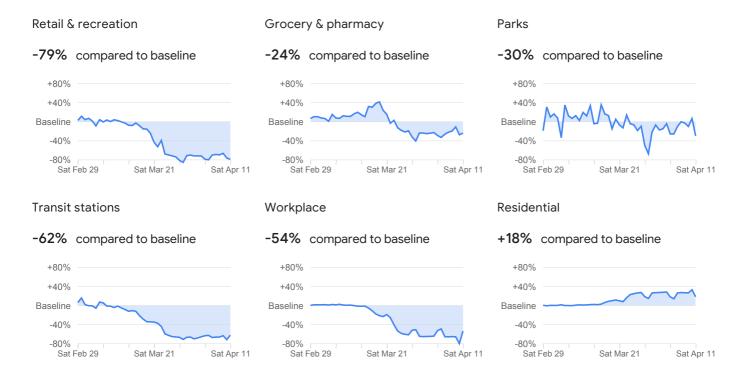


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Luton

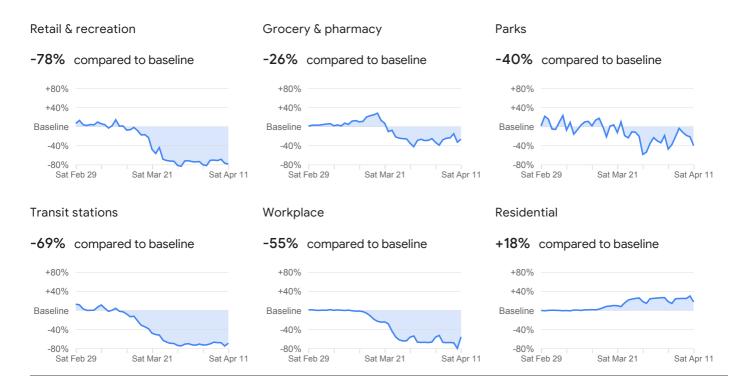


Medway

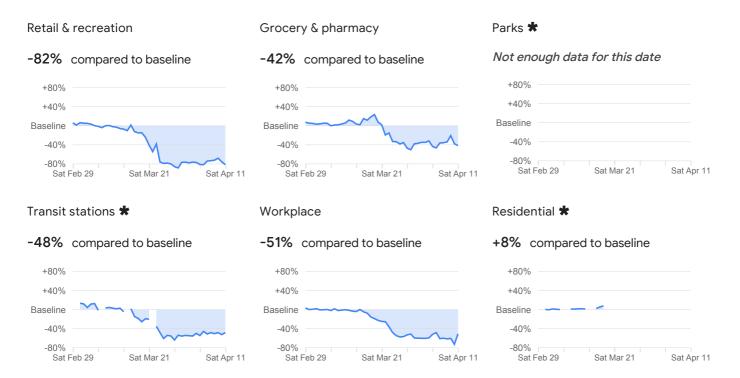


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Merseyside

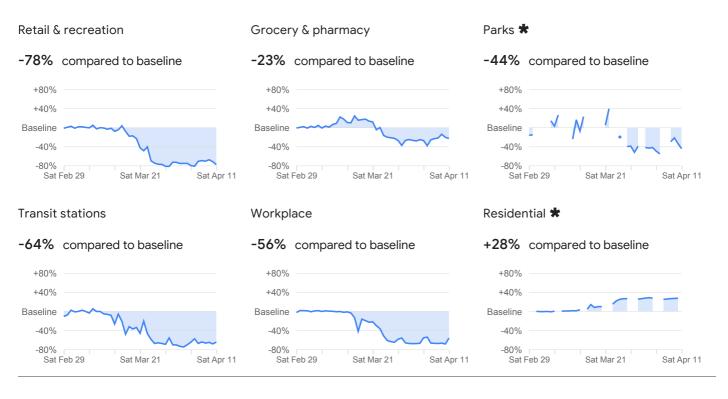


Merthyr Tydfil County Borough

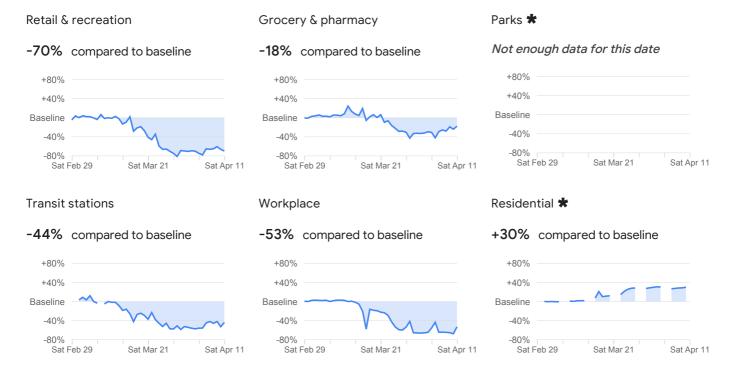


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Mid And East Antrim

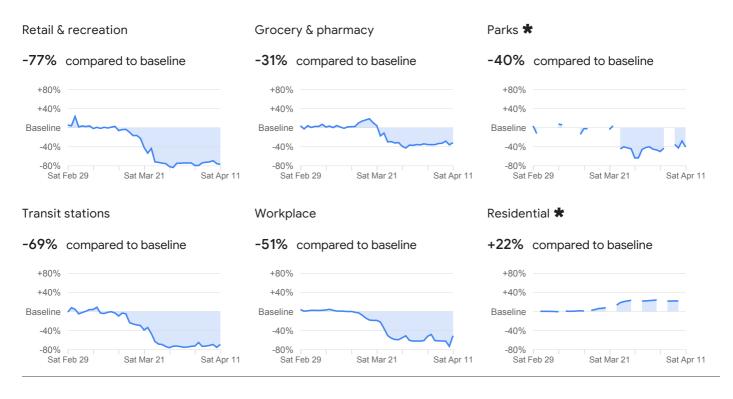


Mid Ulster

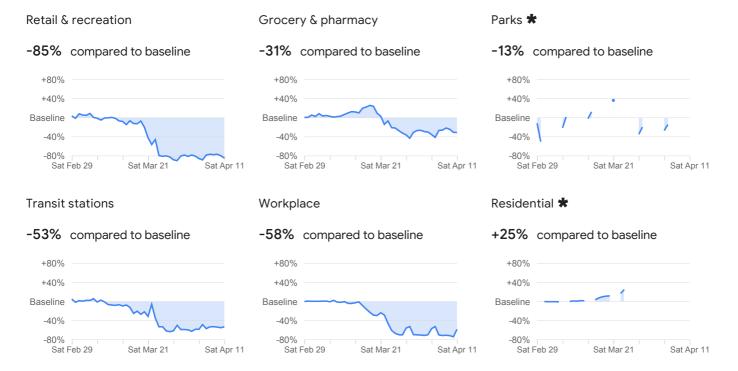


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Middlesbrough

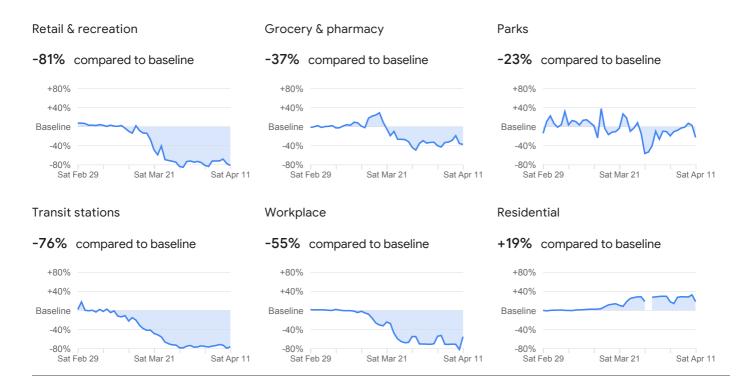


Midlothian

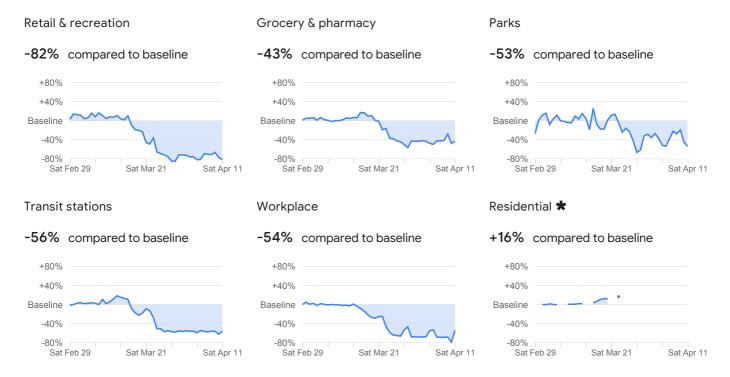


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Milton Keynes

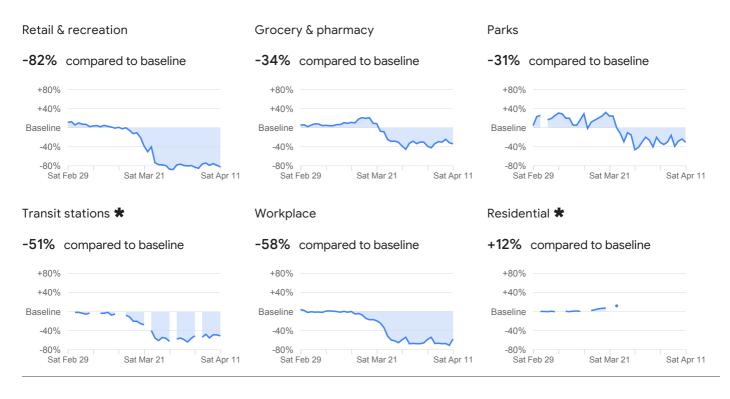


Monmouthshire

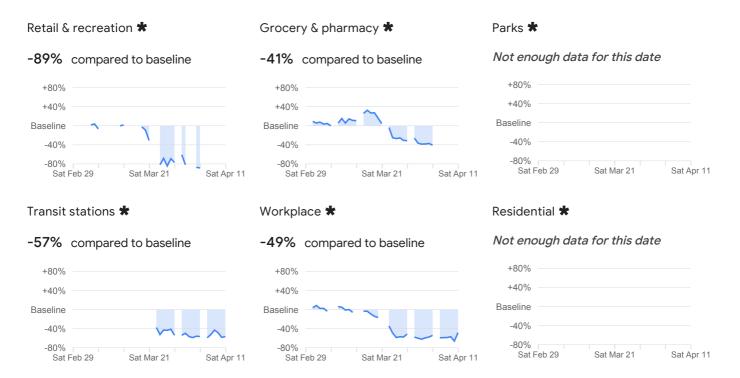


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Moray

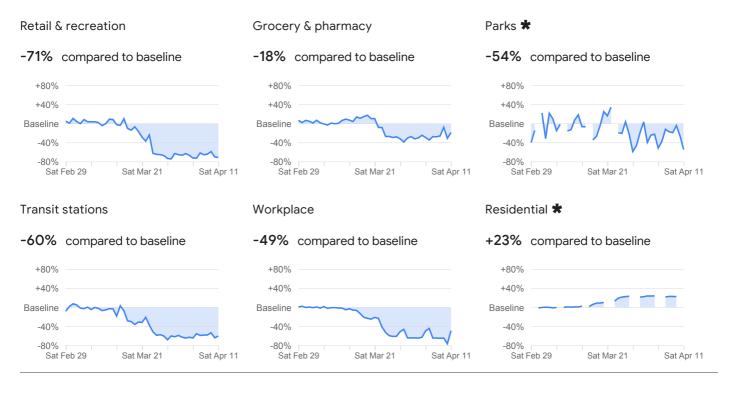


Na h-Eileanan an Iar

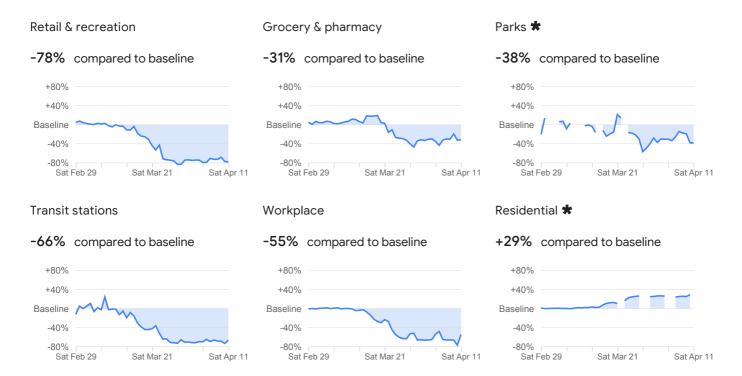


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Neath Port Talbot Principle Area

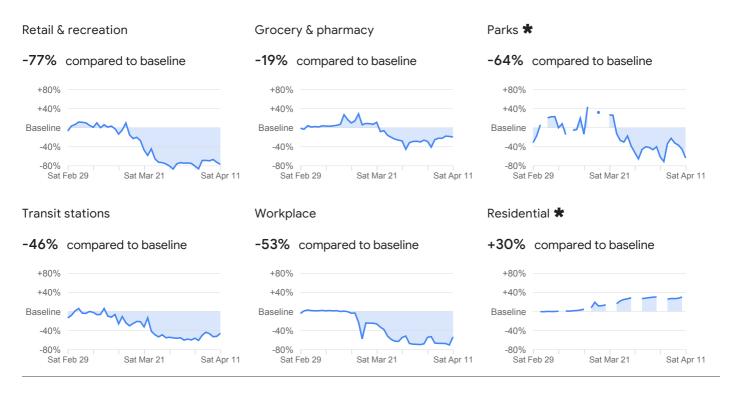


Newport

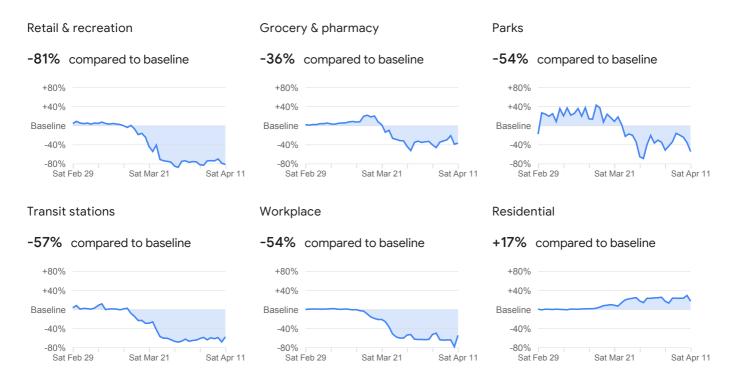


^{*} **Not enough data for this date**: Currently, there is not enough data to provide a complete analysis of this place. Google needs a significant volume of data to generate an aggregated and anonymous view of trends.

Newry, Mourne And Down

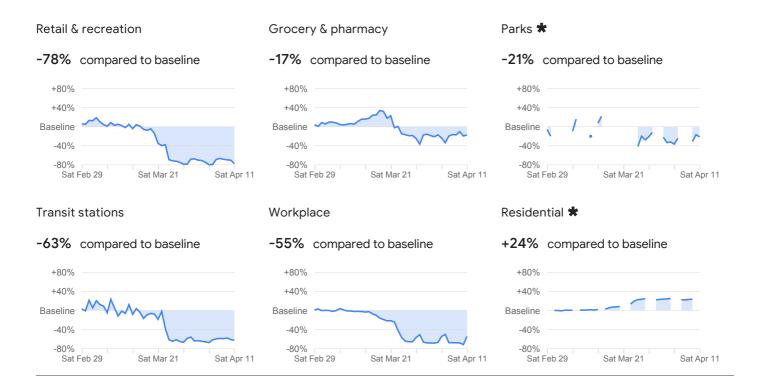


Norfolk

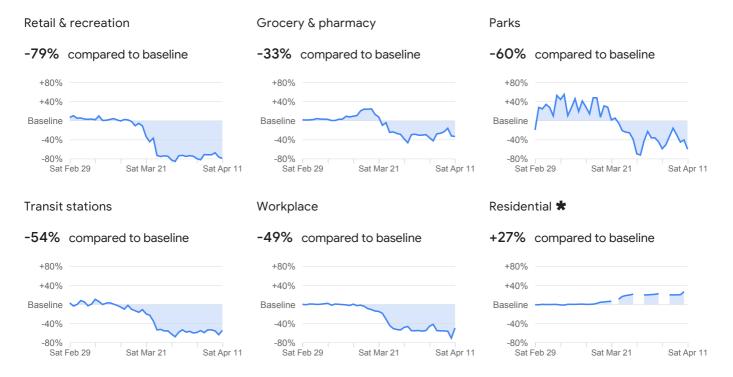


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North Ayrshire Council

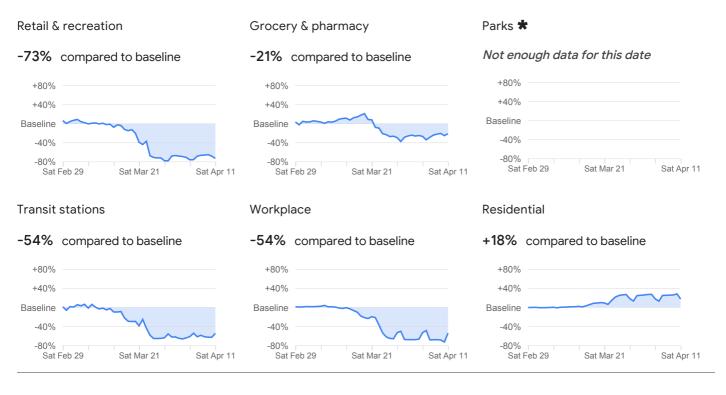


North East Lincolnshire

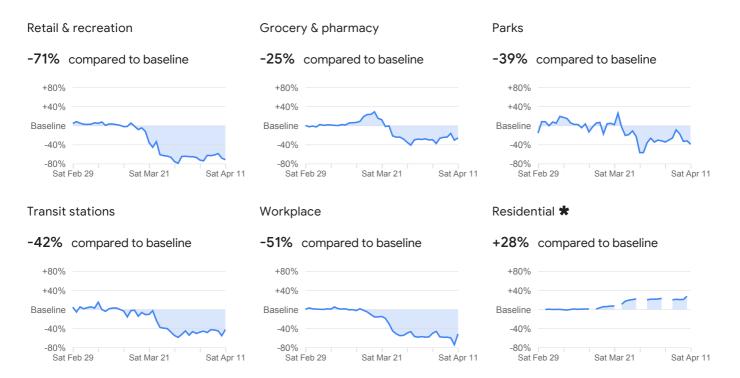


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North Lanarkshire



North Lincolnshire

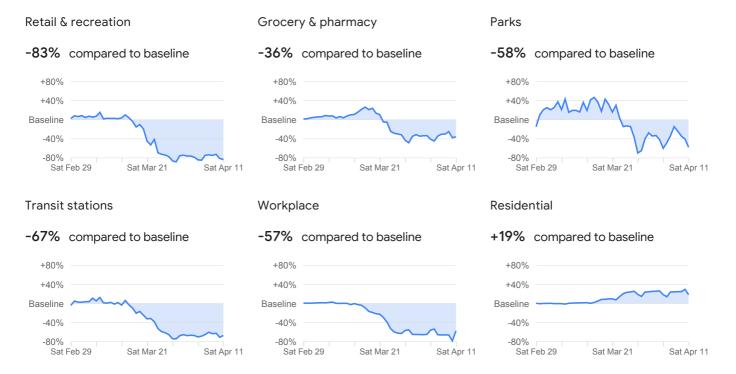


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North Somerset

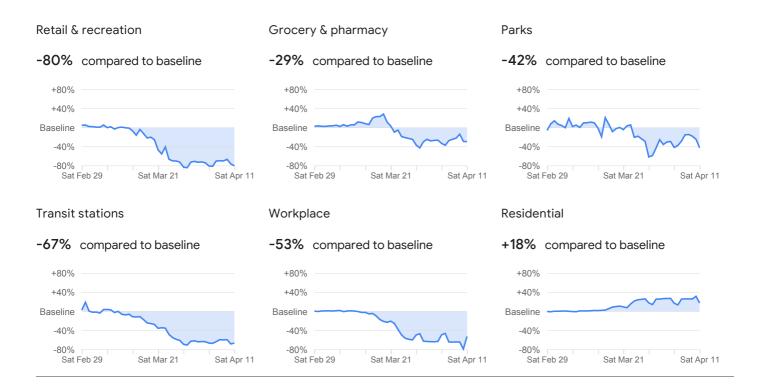


North Yorkshire

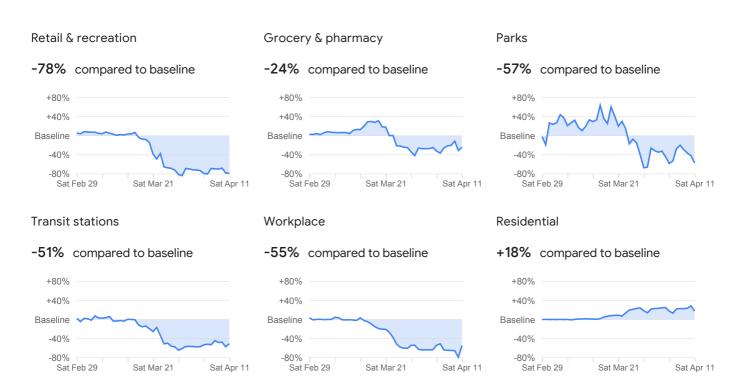


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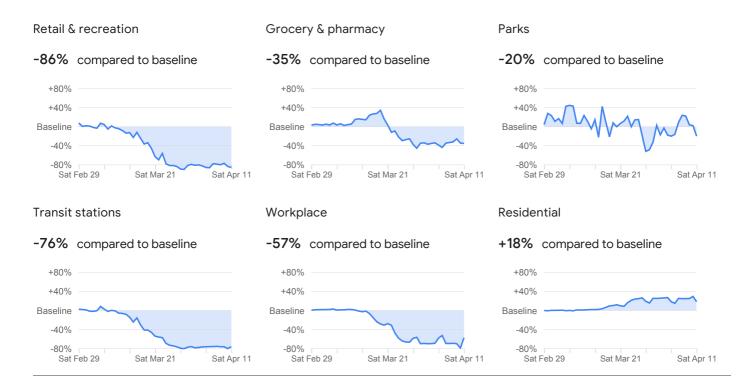
Northamptonshire



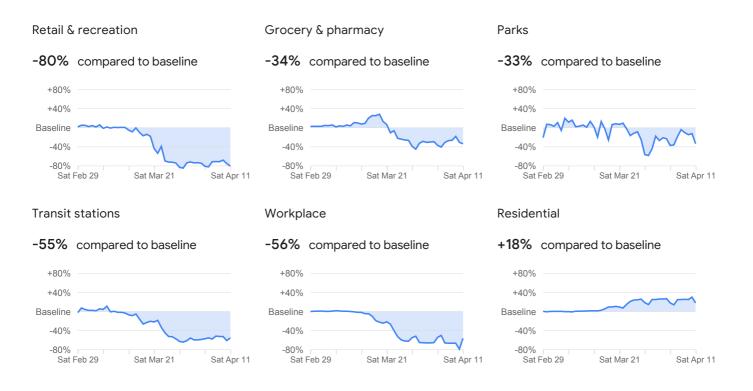
Northumberland



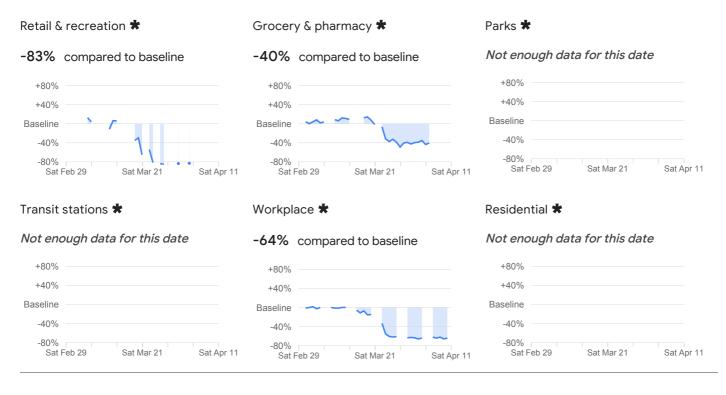
Nottingham



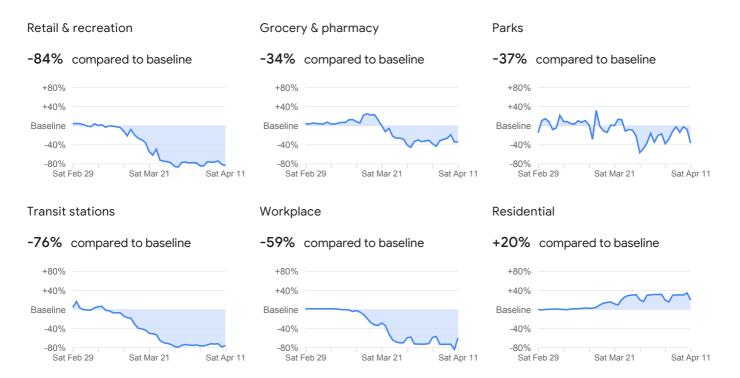
Nottinghamshire



Orkney

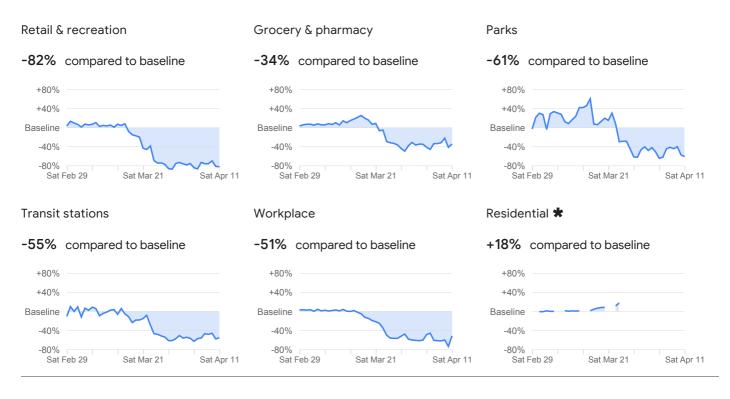


Oxfordshire

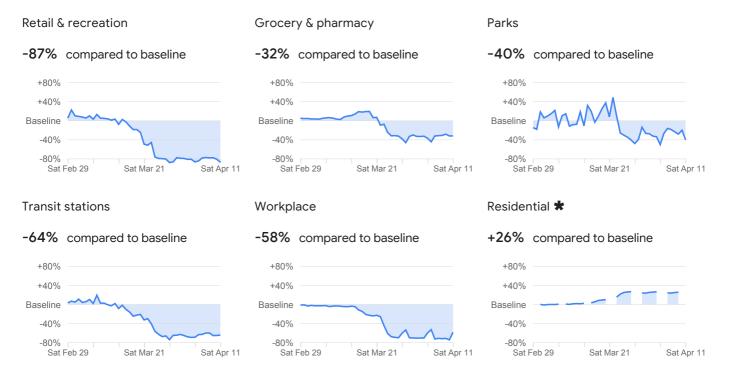


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Pembrokeshire



Perth and Kinross

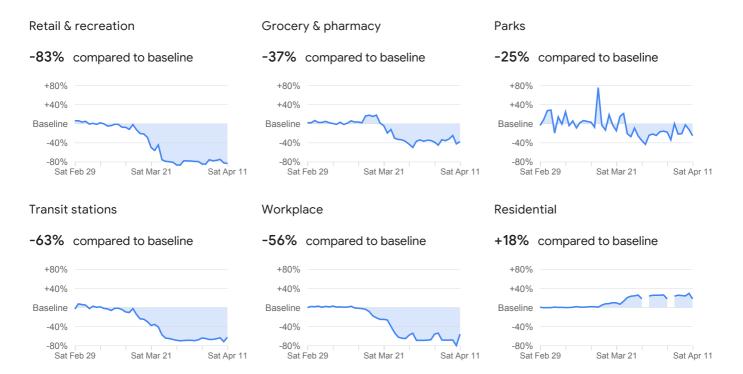


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Peterborough

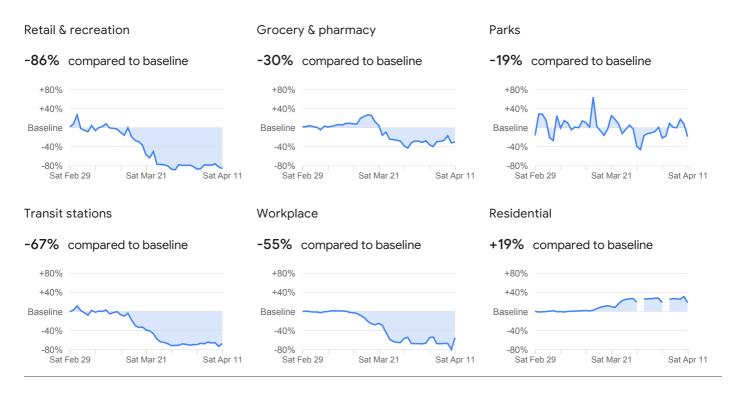


Plymouth

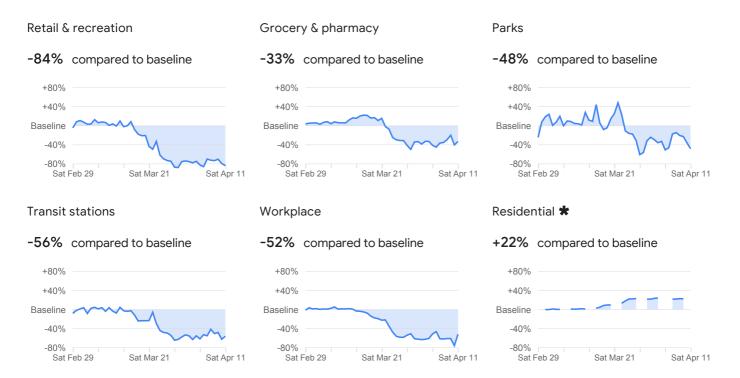


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Portsmouth

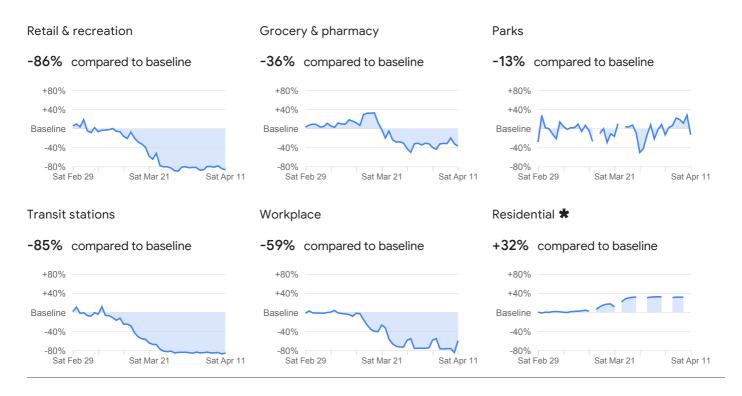


Powys

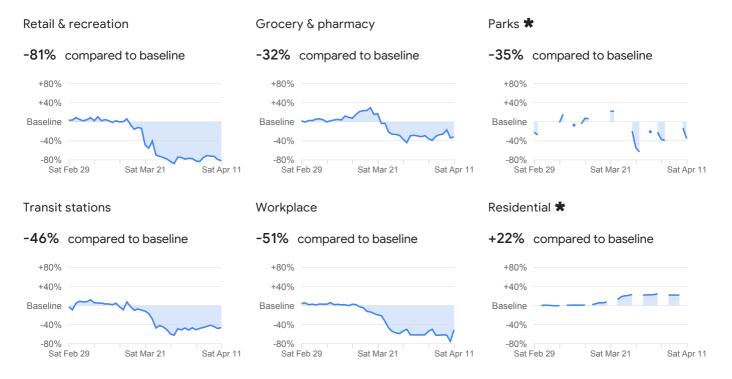


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Reading



Redcar and Cleveland

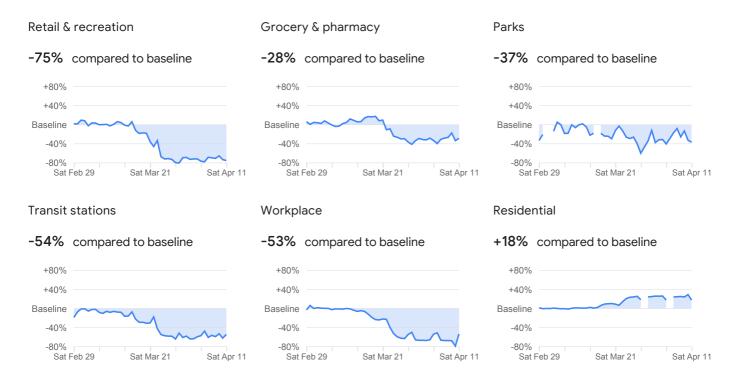


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Renfrewshire

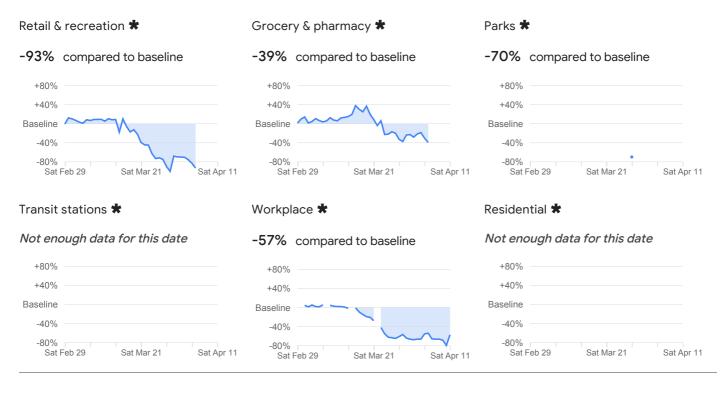


Rhondda Cynon Taff

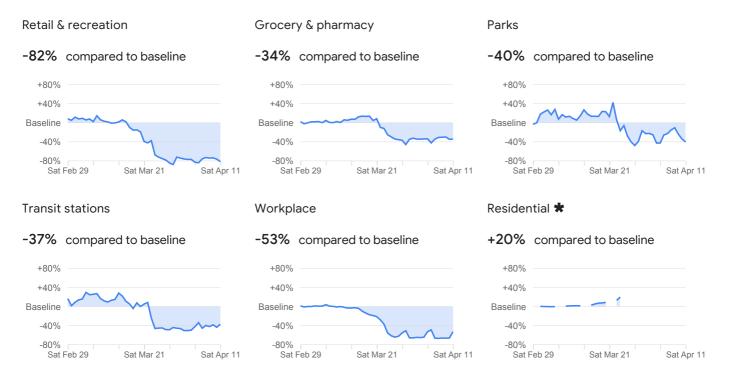


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Rutland

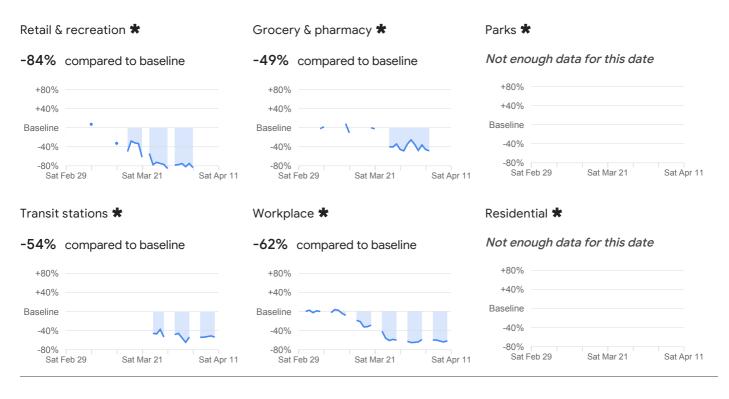


Scottish Borders

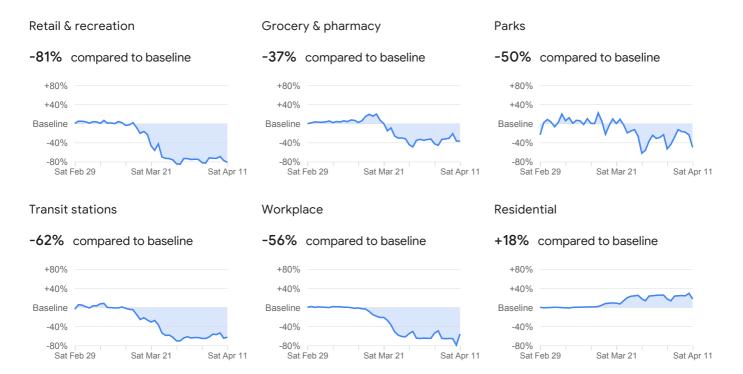


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Shetland Islands



Shropshire

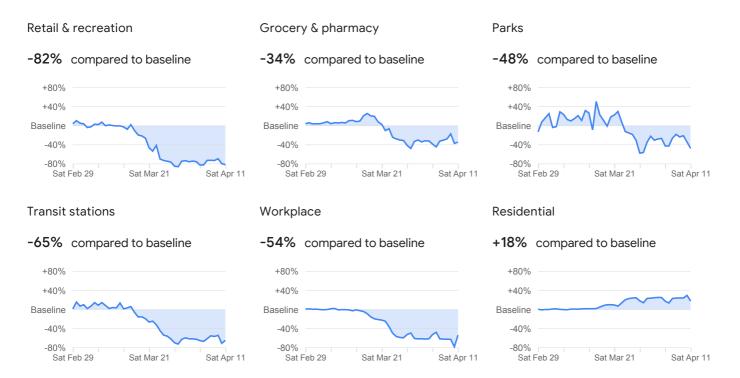


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Slough

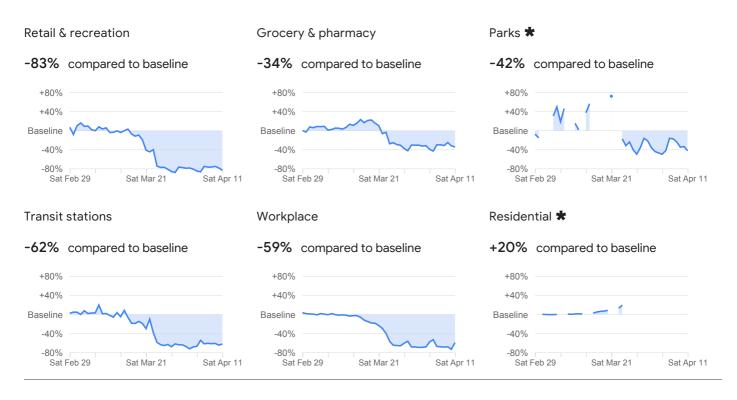


Somerset

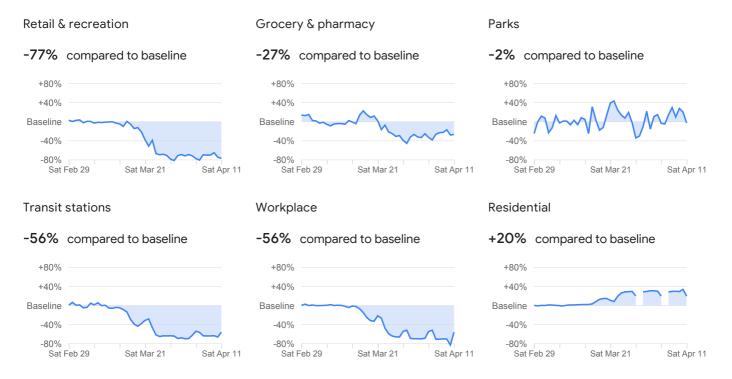


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South Ayrshire Council

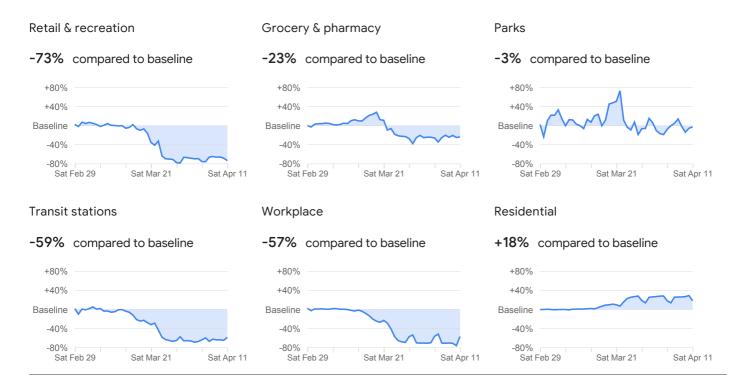


South Gloucestershire

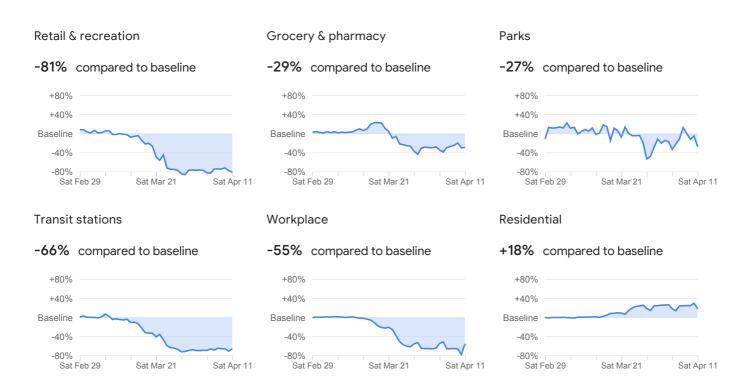


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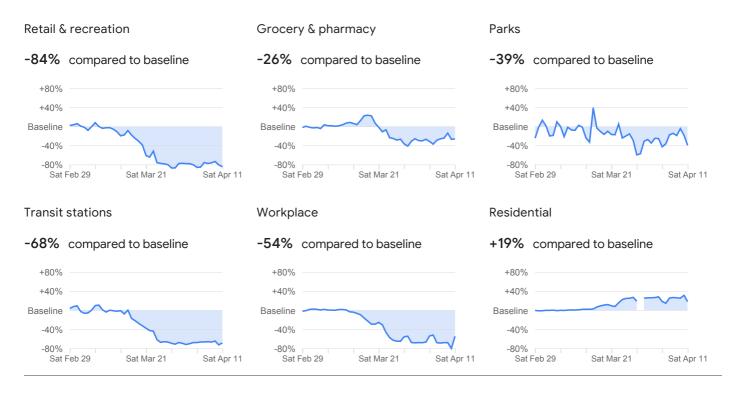
South Lanarkshire



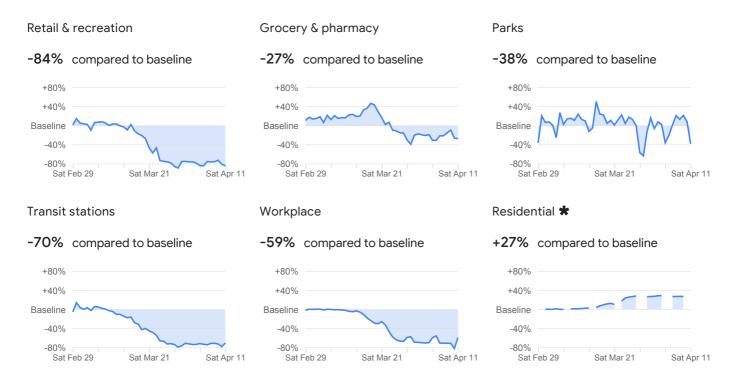
South Yorkshire



Southampton

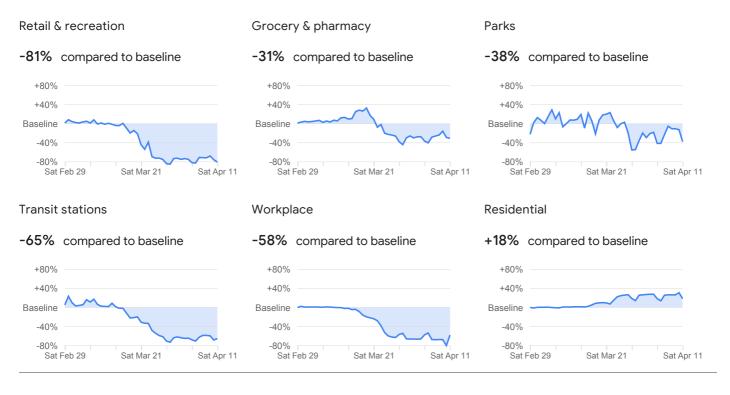


Southend-on-Sea

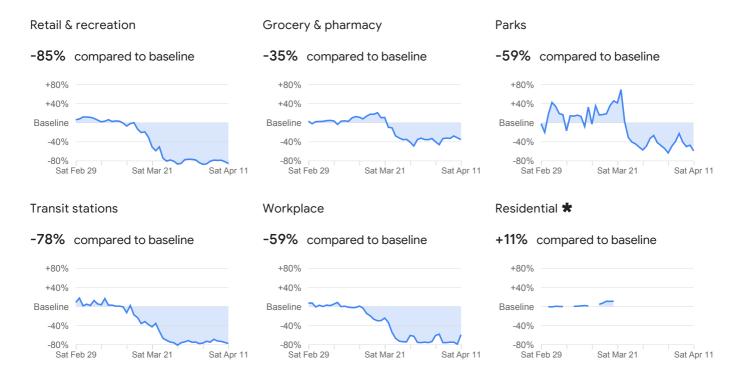


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Staffordshire



Stirling

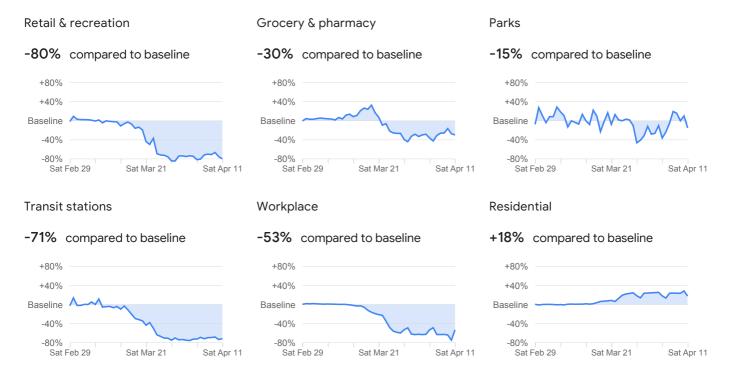


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Stockton-on-Tees



Stoke-on-Trent

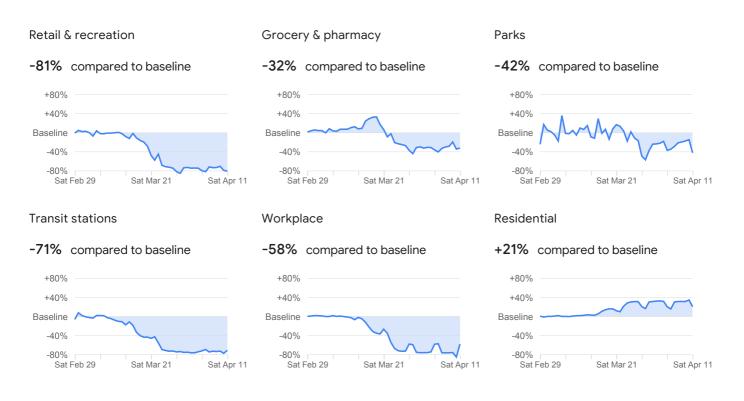


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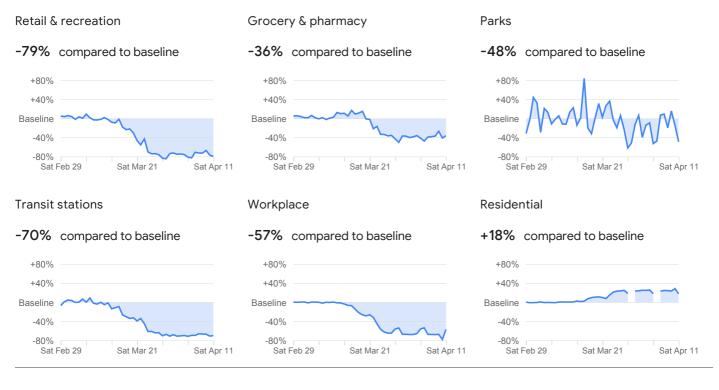
Suffolk



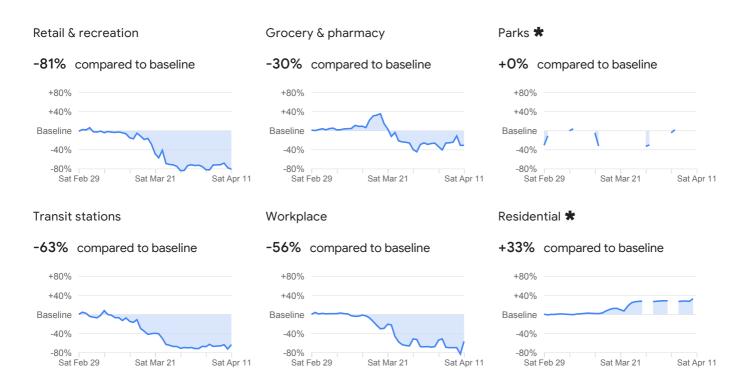
Surrey



Swansea

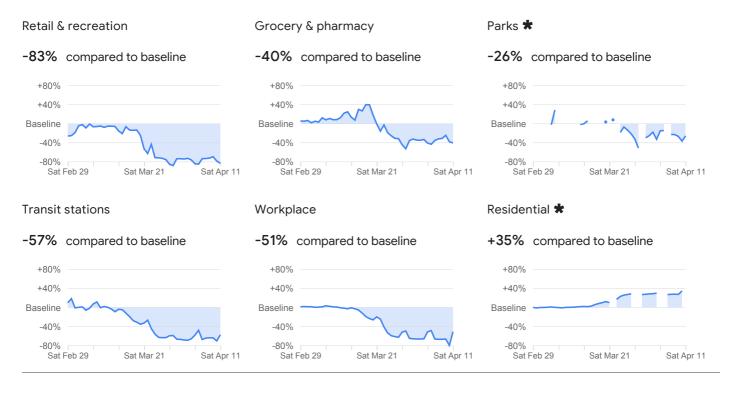


Swindon

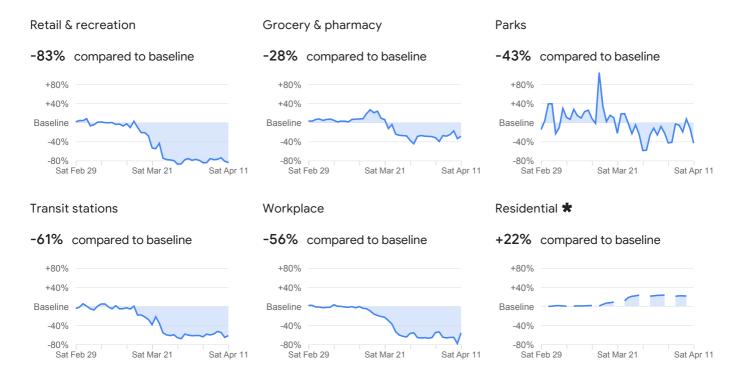


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Thurrock

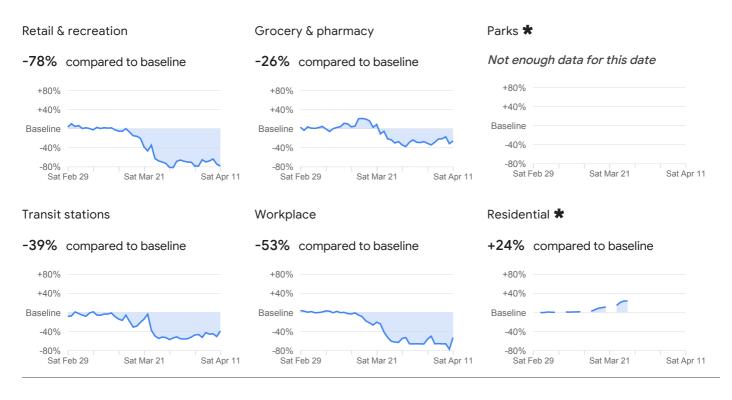


Torbay

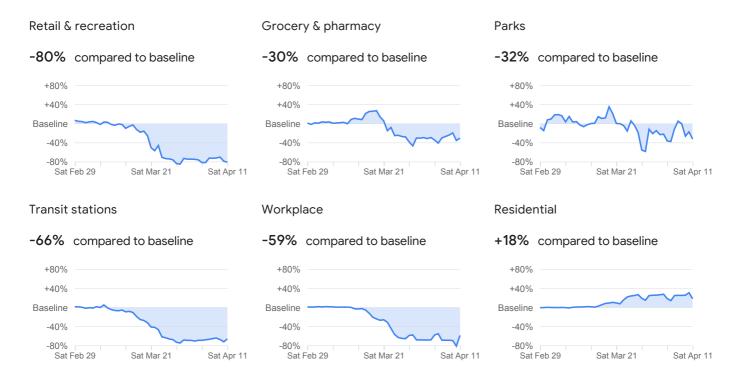


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Torfaen Principal Area

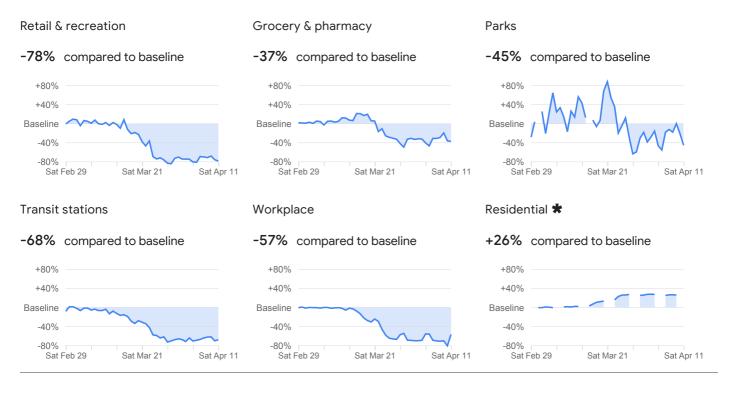


Tyne and Wear

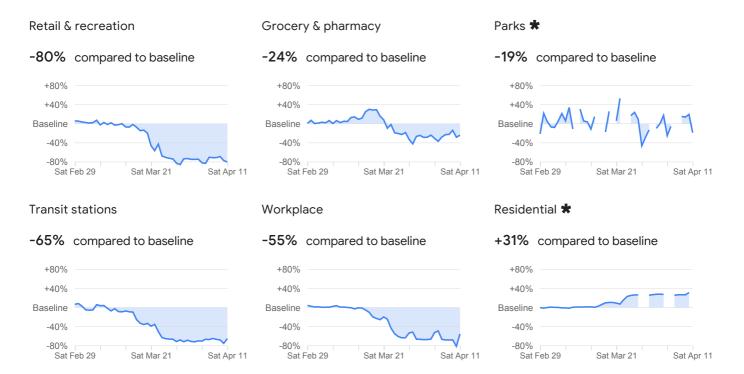


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Vale of Glamorgan

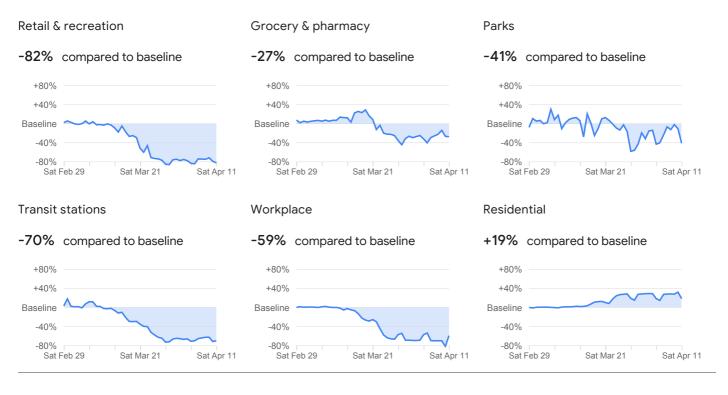


Warrington

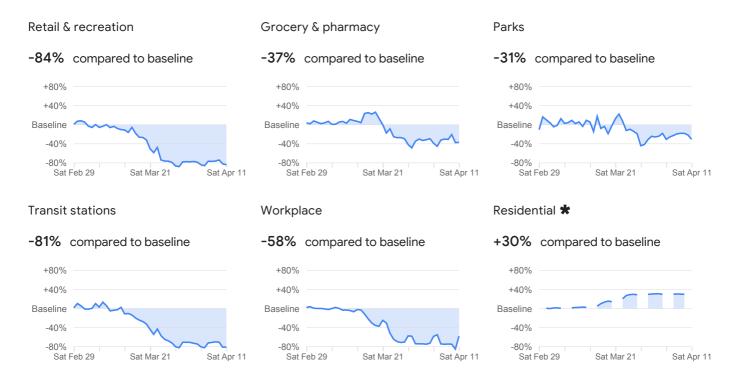


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Warwickshire

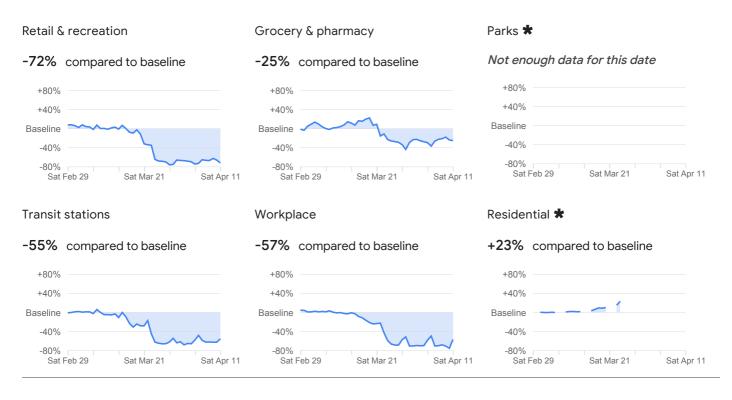


West Berkshire

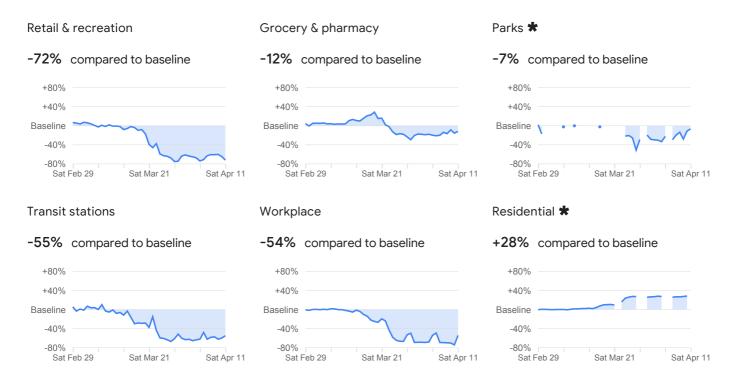


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West Dunbartonshire Council

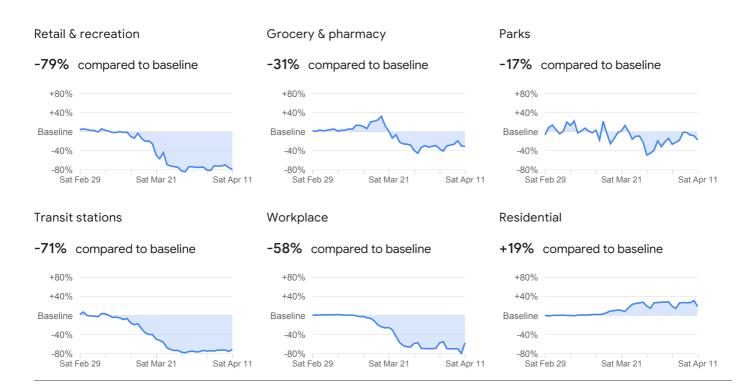


West Lothian



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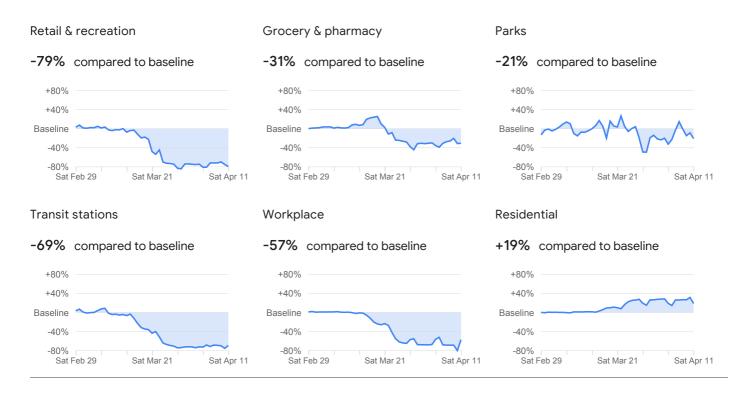
West Midlands



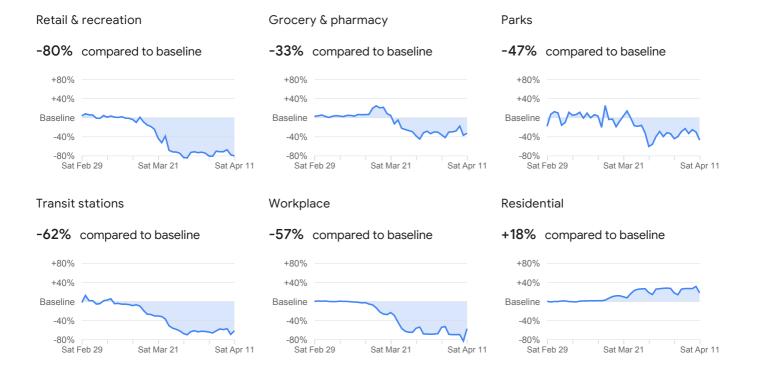
West Sussex



West Yorkshire



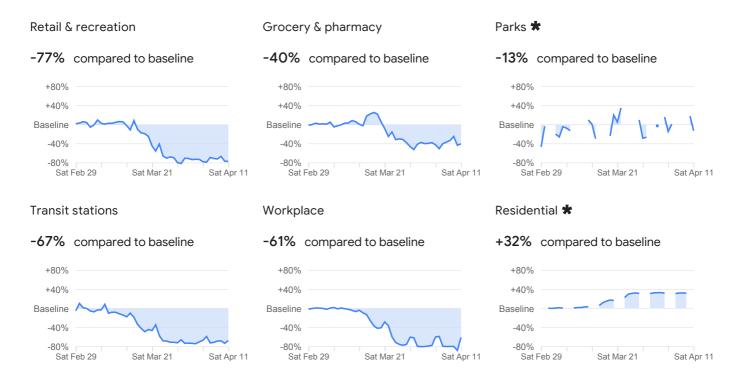
Wiltshire



Windsor and Maidenhead



Wokingham

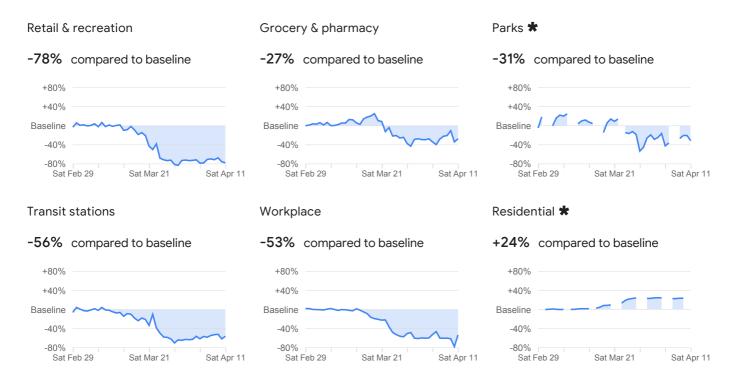


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Worcestershire



Wrexham Principal Area

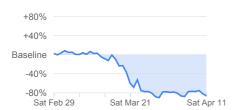


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York

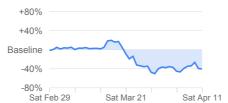
Retail & recreation

-86% compared to baseline



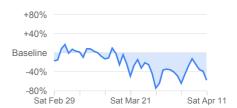
Grocery & pharmacy

-40% compared to baseline



Parks

-58% compared to baseline



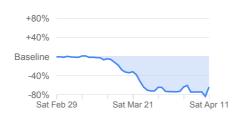
Transit stations

-82% compared to baseline



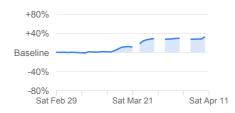
Workplace

-64% compared to baseline



Residential *

+33% 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.

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