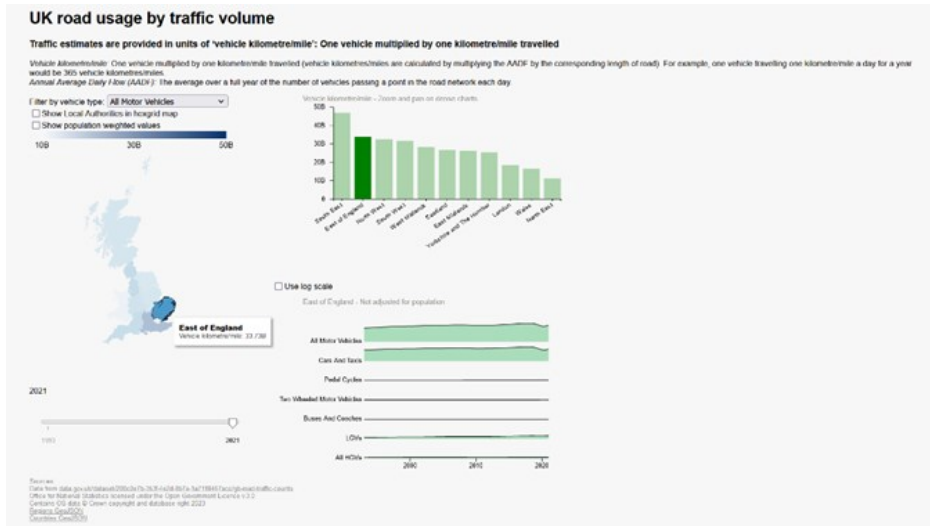
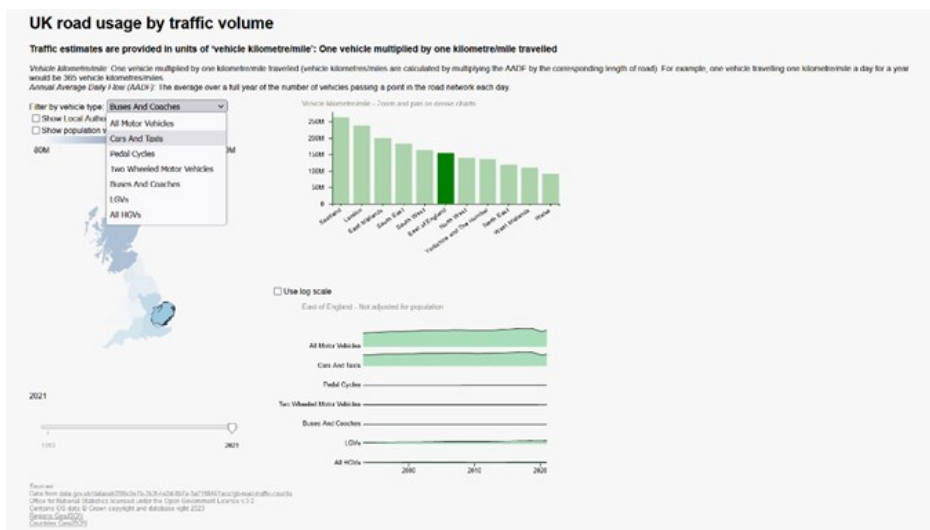


Usage Scenario

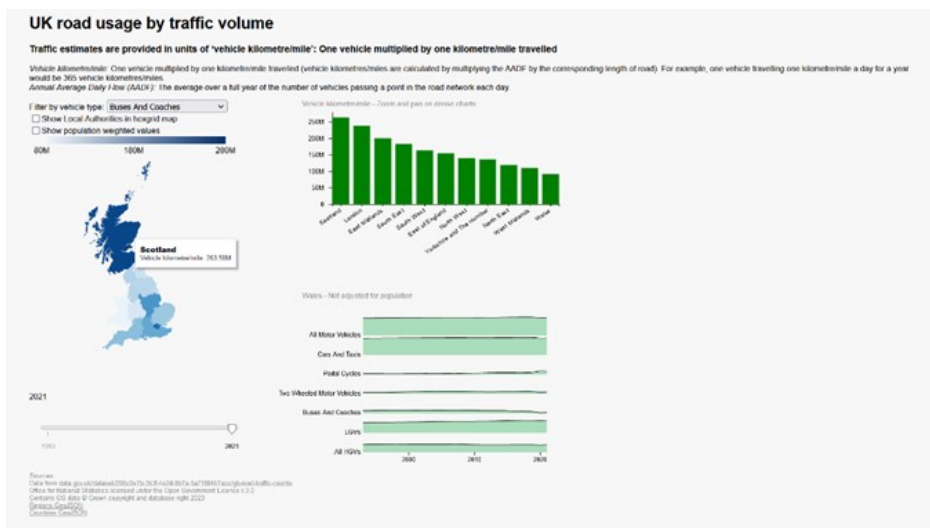


Explore region traffic volumes with map and tooltip.

Linked selection makes area and bar popout for comparison, and brings up corresponding ridgeline chart



Dropdown menu can filter for the relevant vehicle type



With a new filter, looking now at bus and coach value, the user can again look at region values and compare

Traffic estimates are provided in units of 'vehicle kilometre/mile': One vehicle multiplied by one kilometre/mile travelled

Filter by vehicle type: Buses And Coaches

☐ Show Local Authorities in heatmap

☐ Show population weighted values

100M 200M 400M



Traffic estimates are provided in units of 'vehicle kilometre/mile': One vehicle multiplied by one kilometre/mile travelled

Filter by vehicle type: All Motor Vehicles

☒ Show Local Authorities in hexgrid map

☐ Show population weighted values



Local Authority	Percentage of Motor Vehicles
0-10	~95%
10-20	~85%
20-30	~75%
30-40	~65%
40-50	~55%
50-60	~45%
60-70	~35%
70-80	~25%
80-90	~15%
90-100	~5%



Traffic estimates are provided in units of 'vehicle kilometre/mile': One vehicle multiplied by one kilometre/mile travelled

Filter by vehicle type: All Motor Vehicles

☒ Show Local Authorities in hexgrid map

☐ Show population weighted values



Local Authority	Percentage of Motor Vehicles
North East	~85%
North West	~75%
Yorkshire and the Humber	~65%
East of England	~55%
West Midlands	~45%
East Midlands	~35%
London	~25%
South East	~15%
South West	~10%
West of England	~5%



UK road usage by traffic volume

Traffic estimates are provided in units of 'vehicle kilometre/mile': One vehicle multiplied by one kilometre/mile travelled

Vehicle kilometre/mile: One vehicle multiplied by one kilometre/mile travelled (vehicle kilometres/miles are calculated by multiplying the AADT by the corresponding length of road). For example, one vehicle travelling one kilometre/mile a day for a year would be 365 vehicle kilometres/miles.

Annual Average Daily Flow (AADF): The average over a full year of the number of vehicles passing a point in the road network each day

Filter by vehicle type: **All Motor Vehicles**

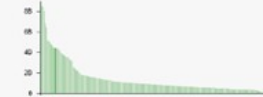
☒ Show Local Authorities in heatmap

☐ Show population weighted values

0 4.5B 9B



Vehicle kilometre/mile - Zoom and pan on device charts



2001

1 2001 2021

Source:
Data from data.gov.uk/dataset/2006/2006-road-traffic-counts
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Bentley, GeoServer
Cartesian, GeoServer

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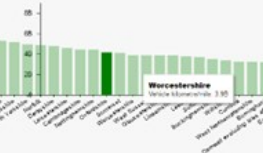
☒ Show Local Authorities in heatmap

☐ Show population weighted values

0 4.5B 9B



Vehicle kilometre/mile - Zoom and pan on device charts



2021

1 2001 2021

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0 5K 10K



Vehicle kilometre/mile - Zoom and pan on device charts



2021

1 2001 2021

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Again the time slider can be used to understand changes over time

Zoom on bar chart directly shows other local authorities with similar traffic volumes that year, or can find the minimum or maximum values

Finally, population weighting can be included across both area set, in order to avoid the traffic volume data being only representative of the population density