



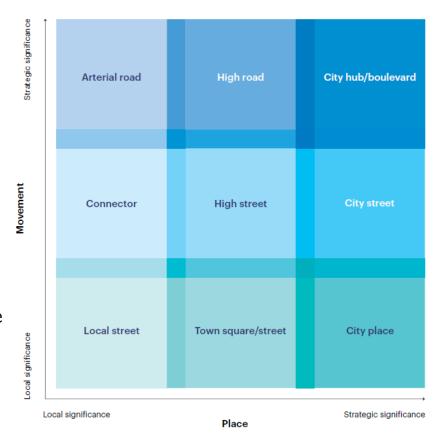
The Strategic Neighbourhoods Analysis (SNA) intro

The following analysis has divided London into a series of residential neighbourhoods. These act primarily as a common geographic basis for comparing data across different areas of London.

This analysis should help boroughs to:

- Understand the challenges schemes may seek to address
- Gauge the potential for LTNs in their area
- Identify different options and prioritise between them
- Provide a basis for evidence-led discussions with stakeholders

The neighbourhoods have been created by removing open space, industrial land and railway land. The remaining area has then been divided using roads with a high or medium movement score under the Street Types Framework, as well as low-movement B-roads where neighbourhoods would otherwise be over 1.5 square kilometres (referred to here as 'dividing roads').





Understanding the neighbourhood boundaries

Splitting London into neighbourhoods by high and medium movement streets means the areas analysed in this deck should broadly align to potential LTNs as boroughs may decide to implement them. However, the SNA is based on London-wide strategic data, so is only intended as a means of comparing different areas rather than for necessarily being the basis of scheme design. At the local level, the preferred scheme boundaries may instead:

- **Split an SNA neighbourhood** in two e.g. along a bus route. In these cases, additional care should taken if applying SNA data to both areas, as it may not be representative of both
- **Filter across a larger neighbourhood** or include a perimeter road within the filtered areas. In some cases data can be aggregated to give an indication of potential, but it will not include information on the dividing road that has been included.
- **Better reflect local characteristics** where they are not captured by the London-wide data e.g. local crossings over a railway track joining either side together in one neighbourhood

It should be noted that some neighbourhoods are excluded from some analysis due to a lack of data at that scale, low population or large or very small size. Others may already be filtered but are included in the analysis for the sake of completeness (depending on when an area was filtered, this may not be reflected in some of the data due to the year it was collected).



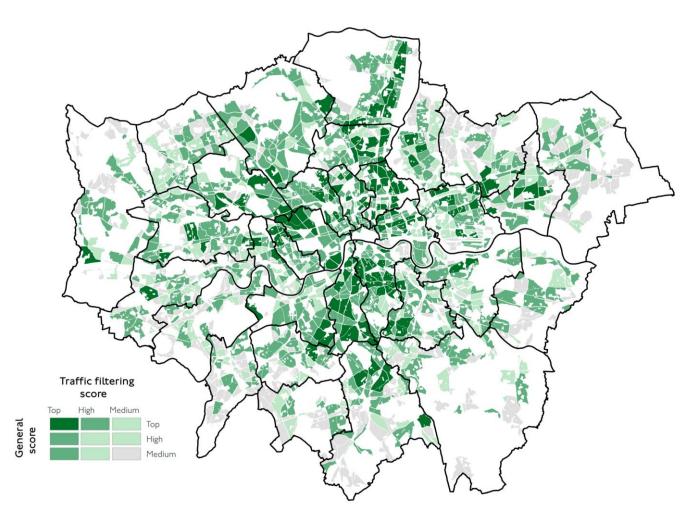
SNA Overview

This is the SNA overview map, intended to show a snapshot of the potential for low traffic neighbourhoods (LTNs) across London, and where the greatest need* may be.

Neighbourhoods are allocated two scores, a traffic filtering score and a general score. These are combined on the map with the former having more weight.

The traffic filtering score is based on:

- Modelled through traffic
- Recorded walking and cycling casualties
- Modelled potential cycling flows



The general score is based on:

- The social distancing challenge (pavement widths and population density)
- The number of schools
- Levels of deprivation
- Total population and low car ownership

*Some areas will already have traffic filters but are included in the analysis for the sake of completeness. Neighbourhoods less than 0.1 or greater than 2 square kilometres have been excluded for the purposes of this analysis to ensure robustness of the data presented, but may still be suitable for filtering.



4 EVERY JOURNEY MATTERS

How the SNA should be used at a local level

- The SNA overview map provides a broad indication of where LTNs may be most suitable and a starting point for boroughs to explore the potential for LTNs in their area. This can help identify the scale of potential for LTNs in a borough, prioritise between areas within a borough and add to the evidence based for interventions that have already been identified.
- This provides a broad estimation of potential for LTNs at the London-wide level. However, an strategic-level overview must necessarily summarise the various metrics it is based on, the details of which are likely to be relevant. Certain metrics are also based on strategic transport models, which by their nature cannot capture everything that is relevant at a local level.
- Boroughs should therefore use the maps set out in the following section to build a fuller understanding of the challenges and opportunities in their area. This can also help inform scheme design.
- The analysis should be treated as a guide rather than a rule, as there will likely be instances where a neighbourhood does not score highly at a strategic level, but has strong case based on local evidence.



The following section breaks the SNA down and provides additional analysis for each neighbourhood:

General context:

- The size in square kilometres, not including open space, railway land and industrial land (additional context not in overall SNA)
- The estimated population (2018)
- The proportion of residents who do not have household access to a car and therefore may be more reliant on public transport, walking and cycling

Traffic and road danger reduction:

- An estimate of through traffic based on TfL's strategic highway models. Note in some cases this may not fully reflect rat running particularly for smaller neighbourhoods, and should be complemented with local knowledge where possible
- An estimate of road danger based on pedestrian and cycle casualties between 2016 and 2018

Cycle connectivity:

 An estimate of cycle connectivity benefit based on potential cycle flows (using the same methodology as the Strategic Cycling Analysis)

Enabling social distancing:

- Average pavement width
- Population density

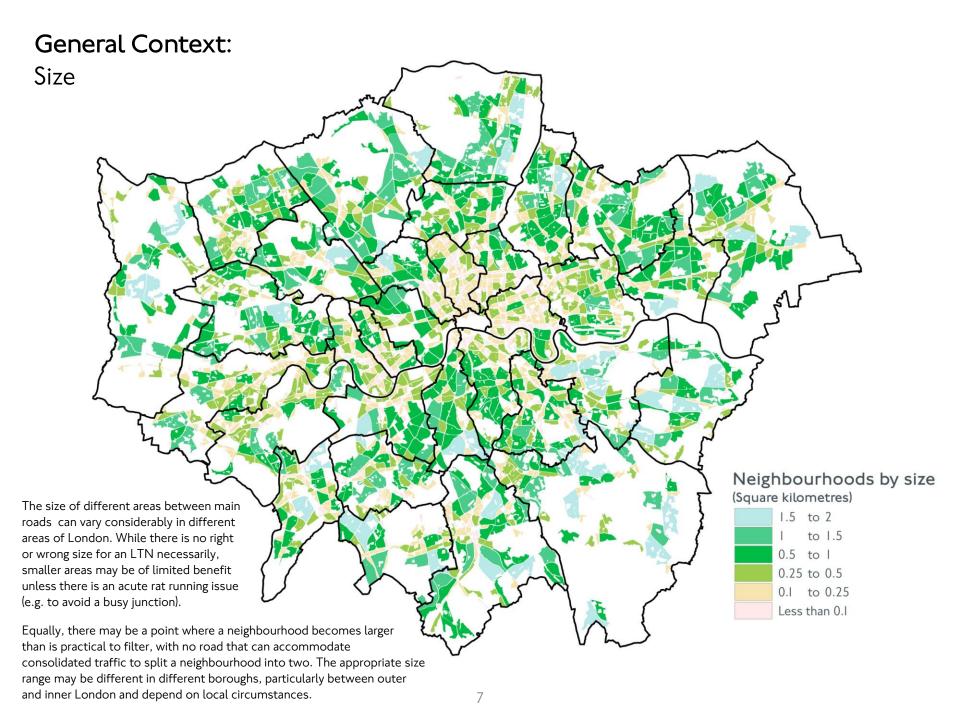
Safe access to schools:

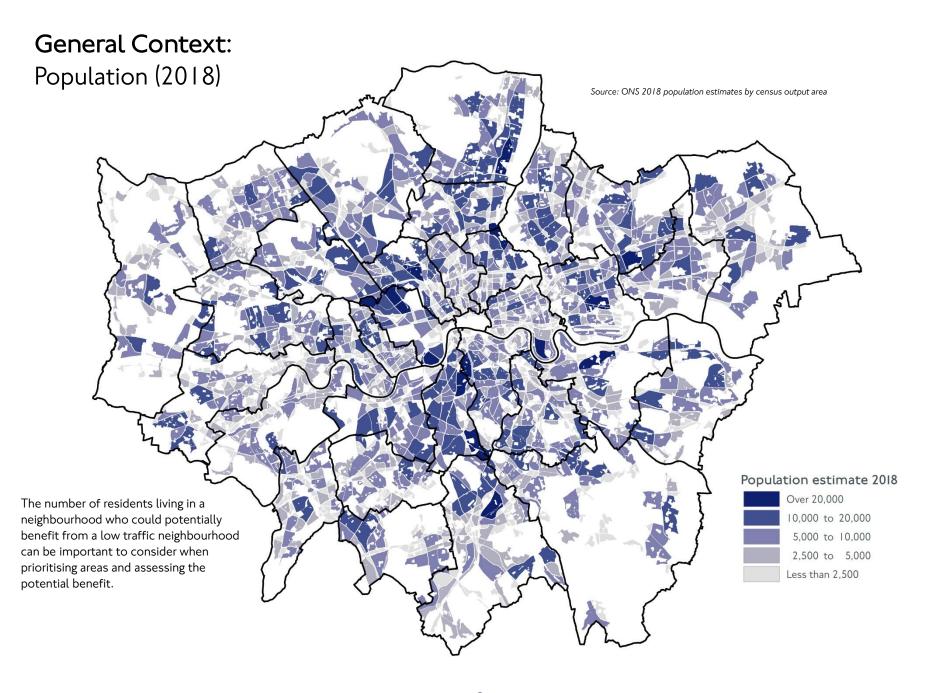
The number of schools per neighbourhood

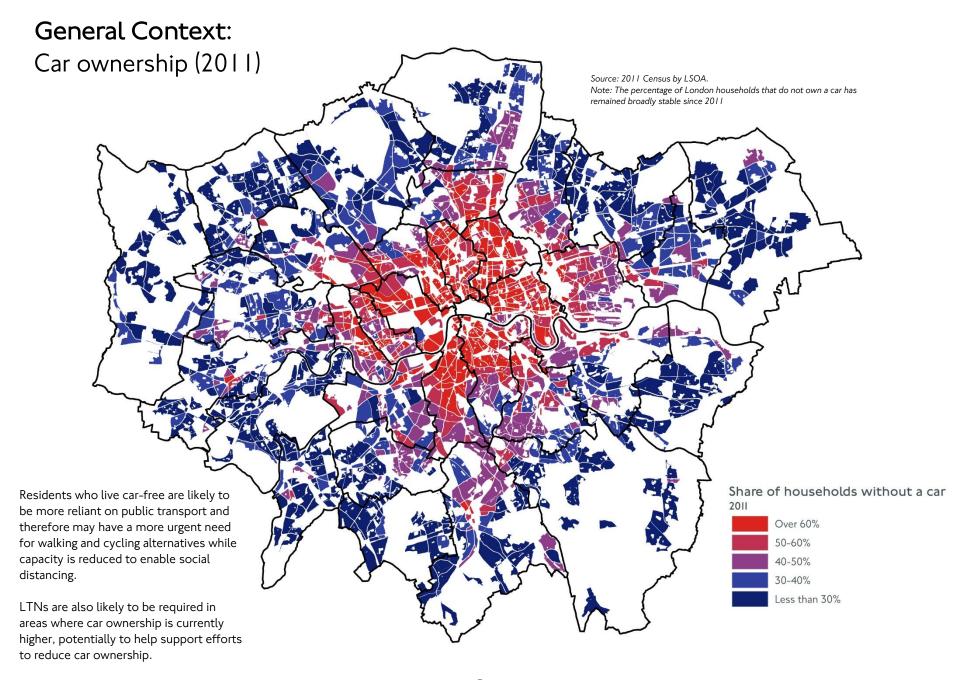
• Demographics:

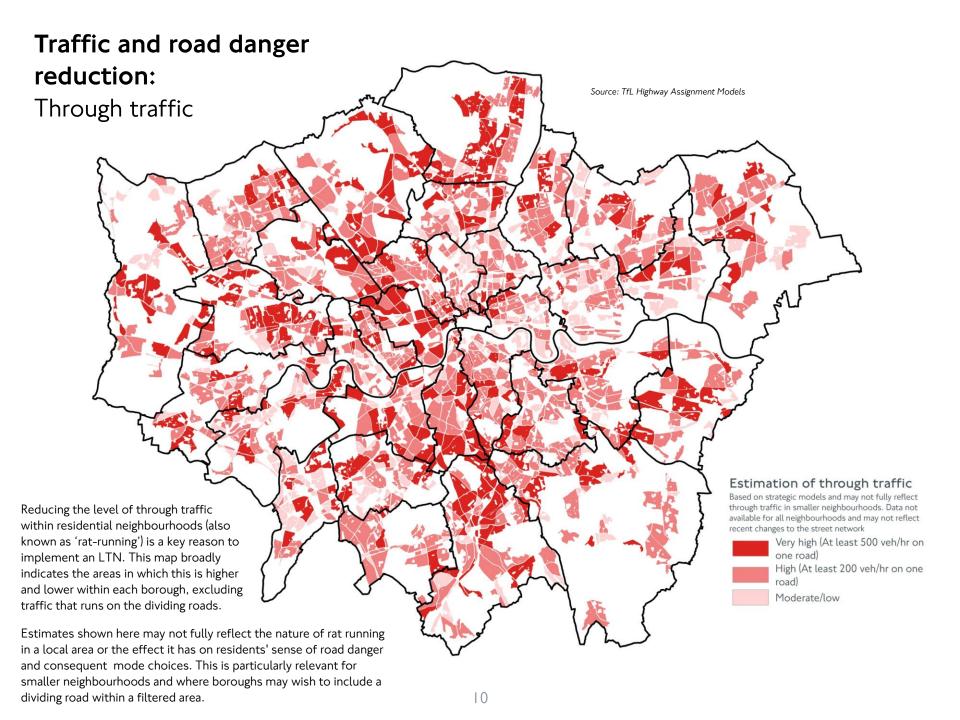
- The highest level of deprivation within the neighbourhood as measured by the Indices of Multiple Deprivation (relative to the rest of England)
- The proportion of the population that is aged 0-17 that the proportion that is 70+ (additional context not in overall SNA)
- Other: Where existing bus routes run through neighbourhoods (additional context not in overall SNA)

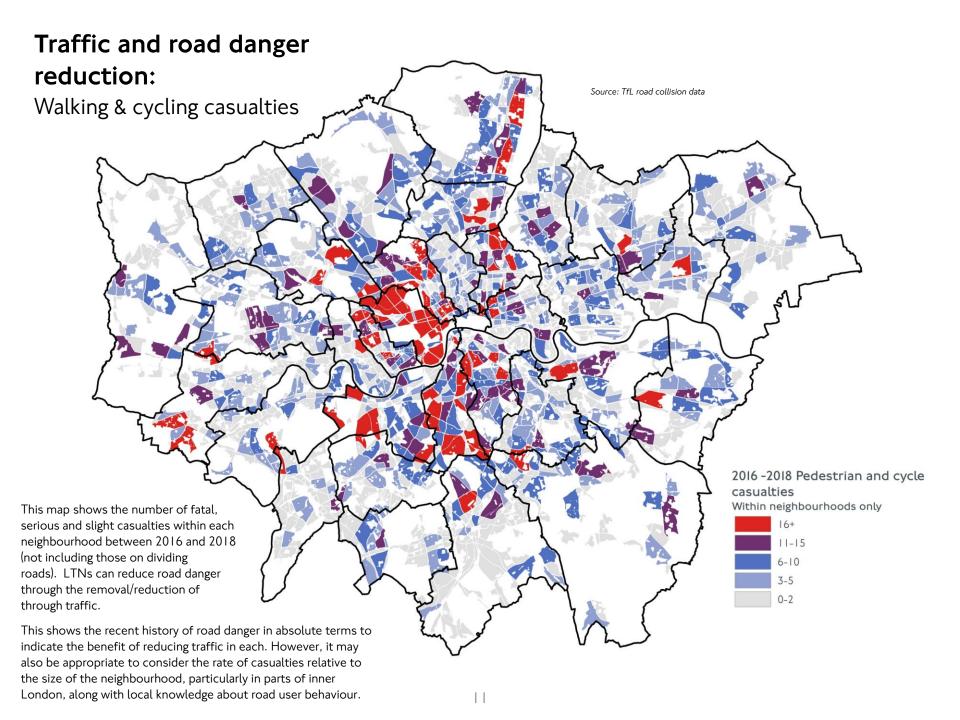


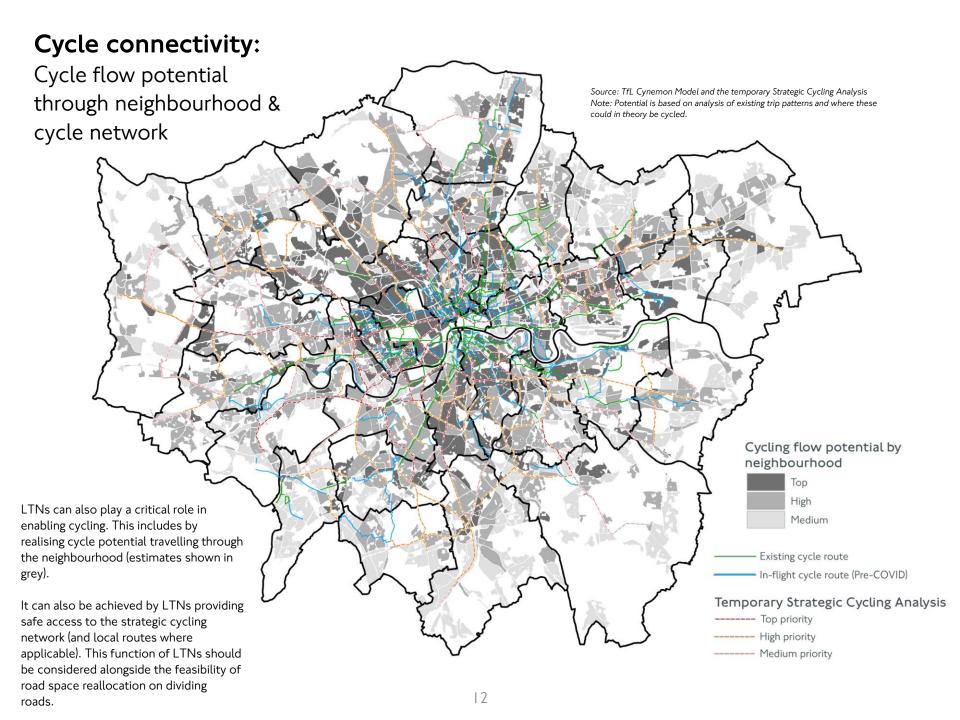


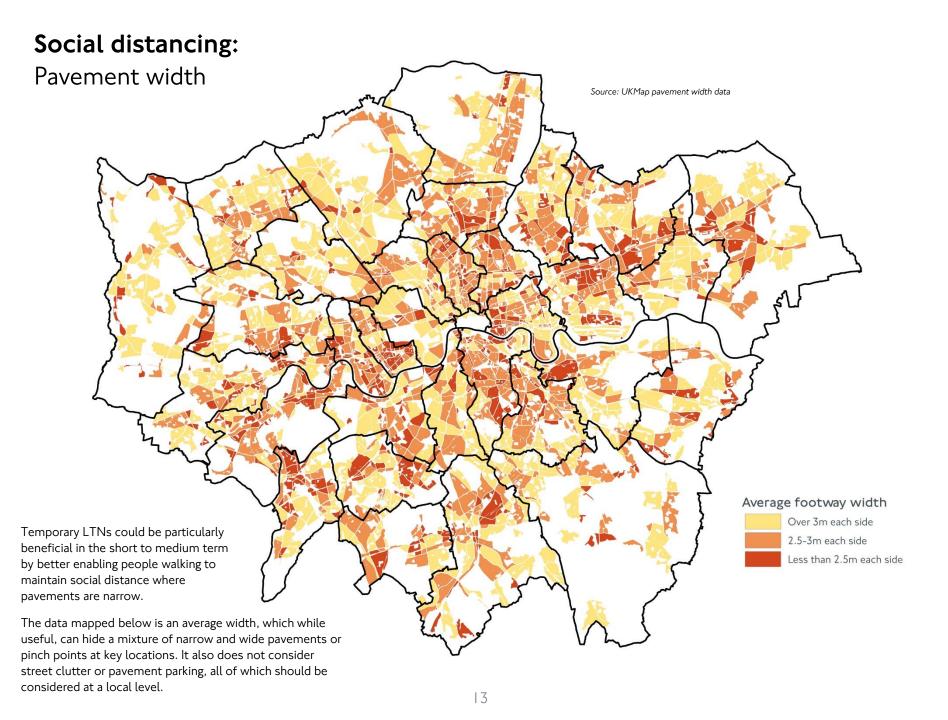


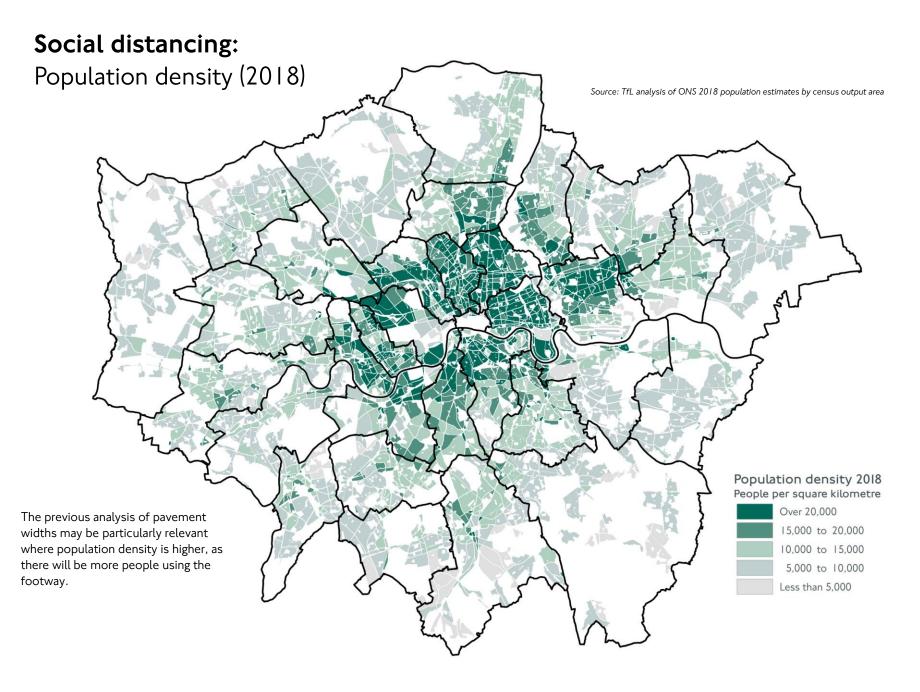


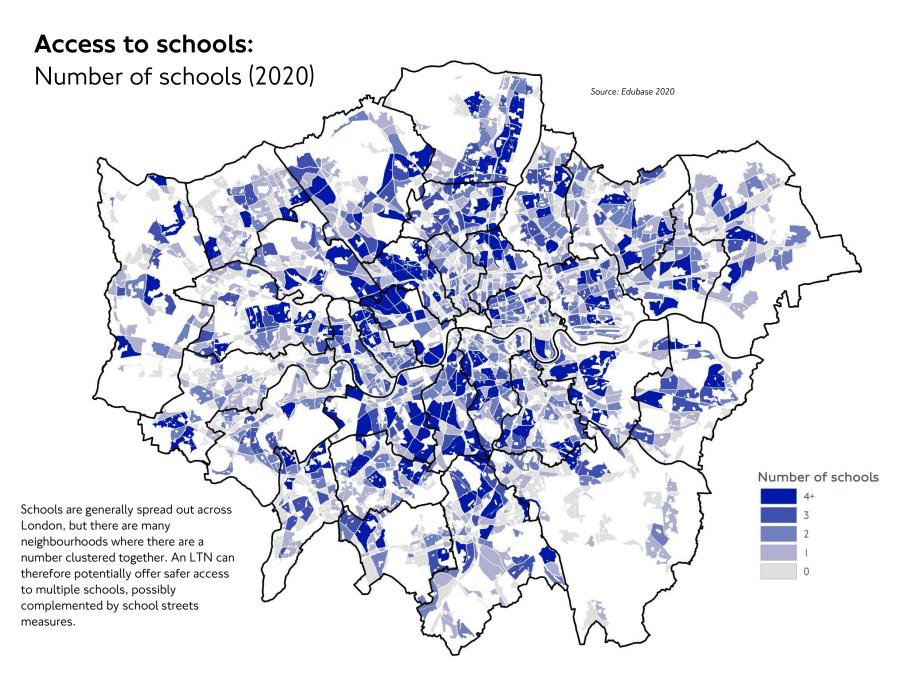


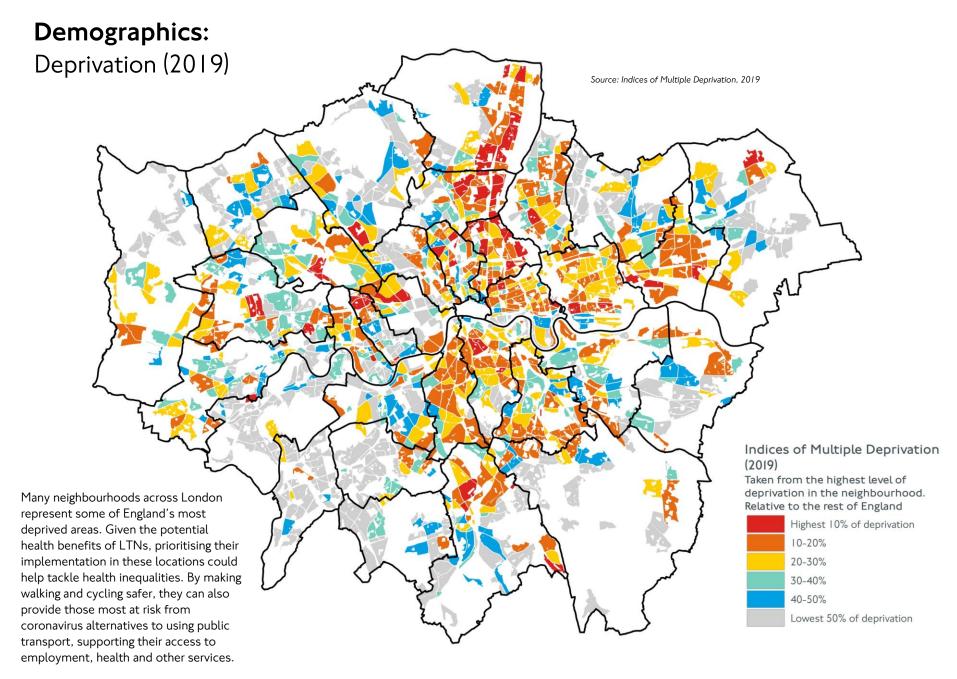


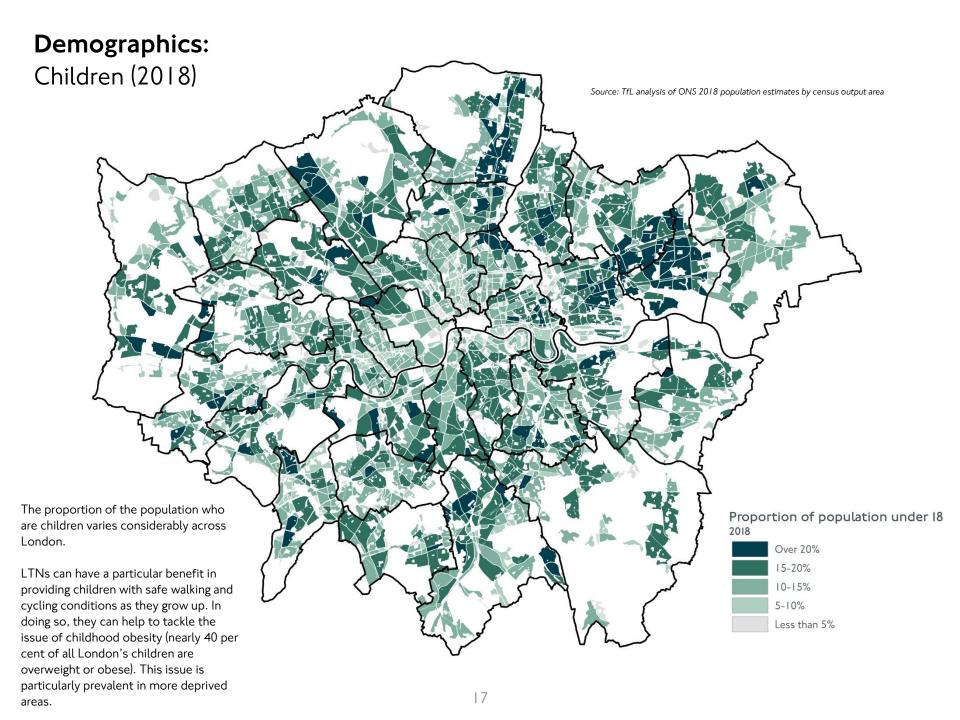


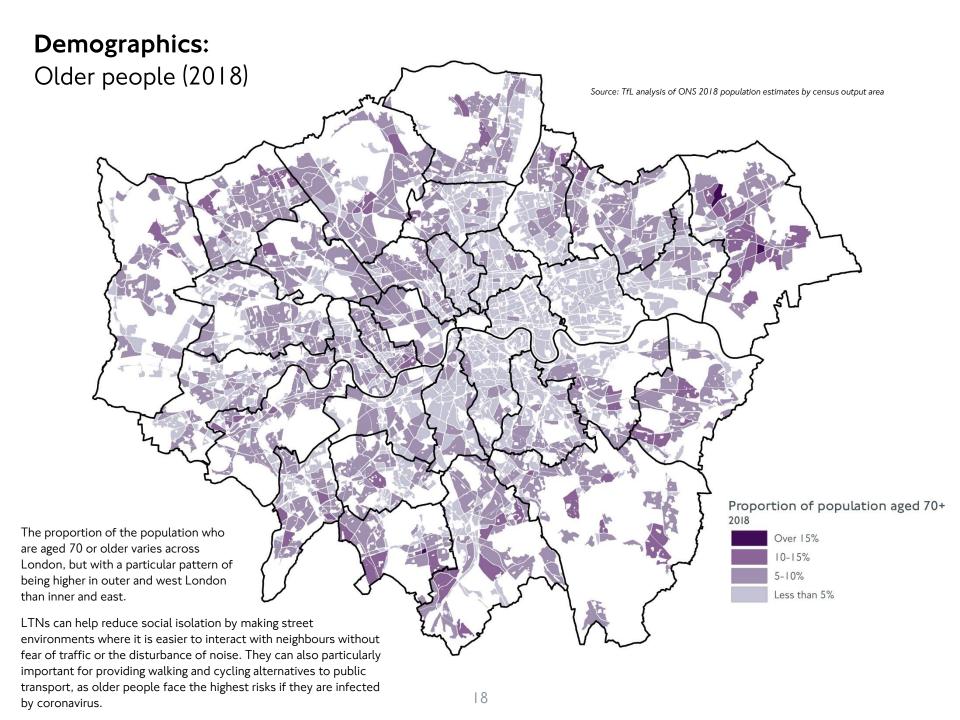












Other: Bus routes

