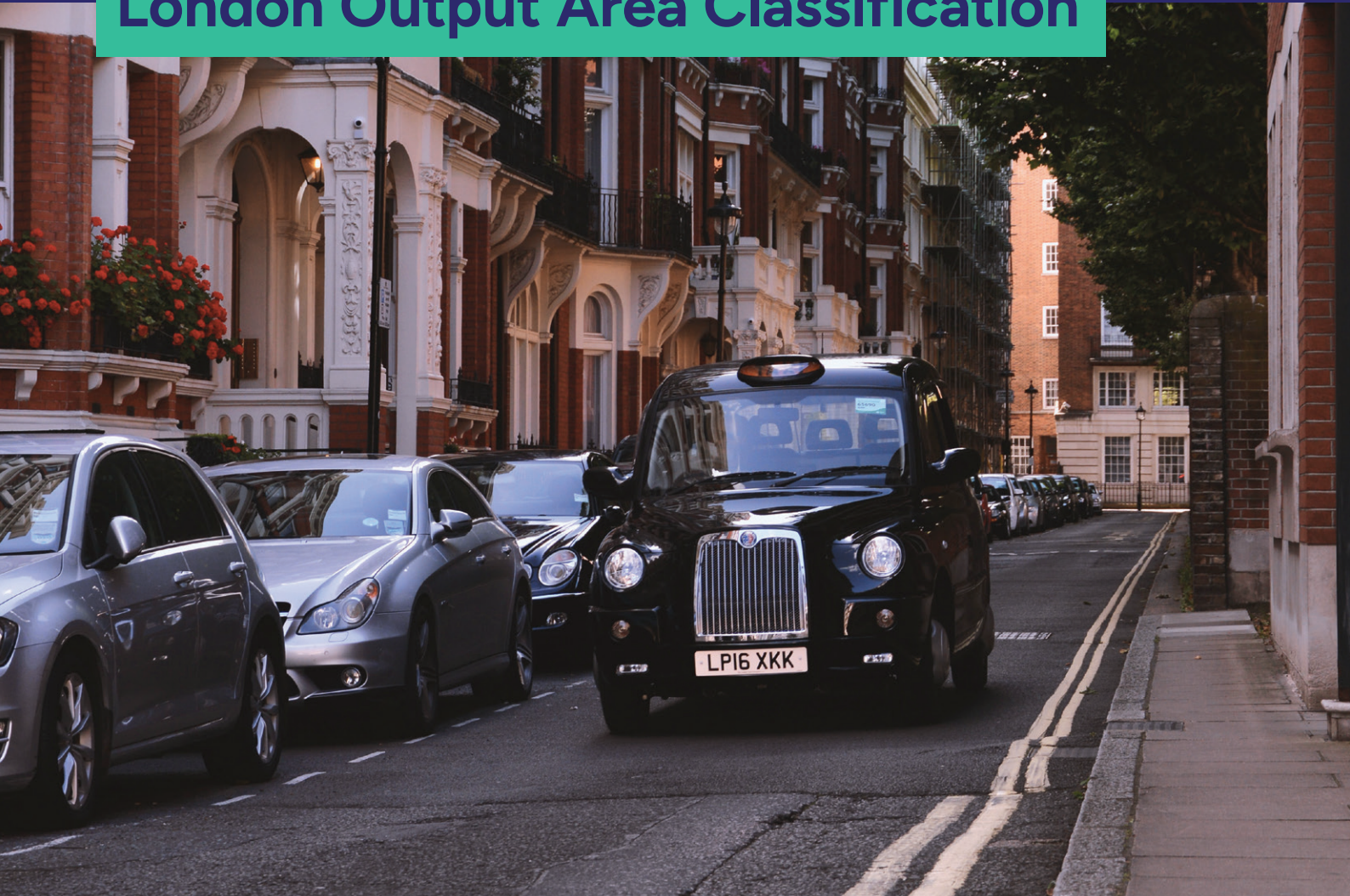


Neighbourhood Type and Residential Structure

London Output Area Classification



London Output Area Classification

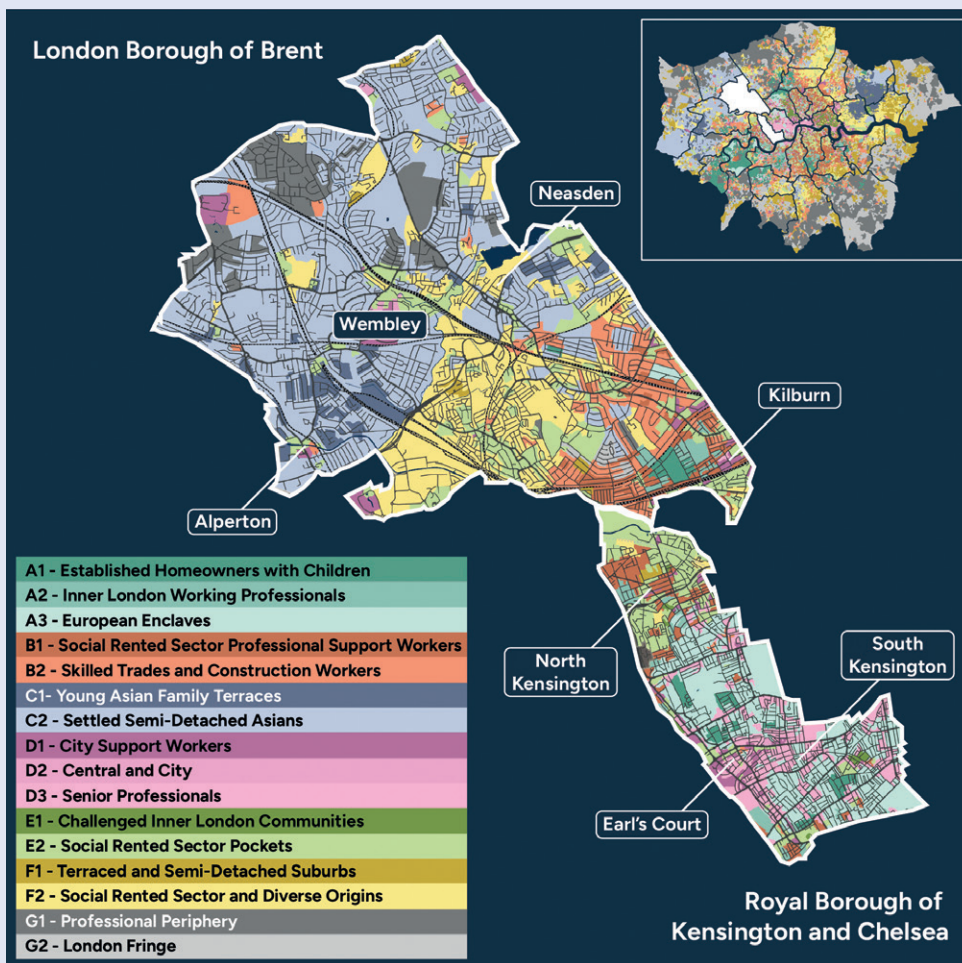
London's Neighbourhood Geography

The 2021 London Output Area Classification (LOAC), created by the Geographic Data Service in partnership with the Greater London Authority (GLA), is a two-tier nested geodemographic of all Output Areas within Greater London. The classification provides a clear and reliable way to group London's residential neighbourhoods based on their social, economic and physical characteristics. The LOAC helps explain the different types of neighbourhoods across the city and offers useful insights for planning at both Borough and regional levels. All data and reports, including Borough profiles, cluster descriptions, and a methods guide are openly available on the GeoDS website at data.geods.ac.uk and can be viewed at mapmaker.geods.ac.uk.

Mapping London's Neighbourhoods

The LOAC is a geodemographic created using Census data and has a fully open and transparent methodology. Using carefully selected input variables across a series of domains representing crucial aspects or influences on residential differentiation (demography, ethnicity and origins, living arrangements, usual residence, health and education, and employment), the classification assigns every London neighbourhood into one of seven Supergroups, which are further split into 16 Groups. The LOAC can be used to highlight key differences between areas within London, enabling analysts to understand local needs and to tailor policy and services accordingly. You can read more about the classification in the published paper at [doi.org/p3b5](https://doi.org/10.1080/17445019.2019.1633555).

How the LOAC Informs Public Planning



The 2011 LOAC (the predecessor of the 2021 edition) has been used by the GLA to provide up-to-date and improved estimates of small population groups and small area estimates, and to improve its knowledge of population migration and churn. This also helped the GLA identify areas experiencing rapid residential densification and informed the Mayoral plan for public services. The LOAC benefitted GLA school roll forecasting for Boroughs to support school place planning and provided the evidence base for other community services.

Transport for London (TfL) also integrated the LOAC into its Transport Classification of Londoners (TCoL), a multi-modal customer segmentation tool that categorised Londoners based on their travel choices and the motivations for those decisions, which informed the Mayor's Transport Strategy 2017–41.



All data are openly available to download from data.geods.ac.uk and visible through our interactive web mapping tool: mapmaker.geods.ac.uk