Thank you for your enquiry to the Mayor, to which I have been asked to respond. The data behind the London Rents Map has been provided to the Greater London Authority (GLA) by the Valuation Office Agency (VOA). Since 2017 the VOA has been publishing the data on its website:

https://www.gov.uk/government/collections/additional-statistics.

Also, the VOA has separately published official statistics on average monthly private rents at local authority level across England. Previous editions of these statistics are published here:

https://www.gov.uk/government/collections/private-rental-market-statistics

Please note, from December they will be published by the Office for National Statistics here:

https://www.ons.gov.uk/releases/privaterentalmarketsummarystatisticsoctober2018toseptember2019.

The VOA's statistics have been collected by the GLA in a single file covering the full time-span back to 2011 here:

https://data.london.gov.uk/dataset/average-private-rents-borough.