

# About this data: Fixed performance, local and unitary authority area

To create our [Connected Nations 2023 report](#), Ofcom collected and analysed data from fixed broadband providers. This file contains average speed and usage data from fixed broadband connections at local and unitary authority level. Note that we have used the 2021 local authority boundaries and hence do not reflect the changes from 1 April 2023.<sup>1</sup> We will use the 2023 local authority list from next year onwards.

The data was collected as a snapshot in May 2023 and includes information based on the number of connections providing an active broadband service, as opposed to individual premises. The [Methodology Annex](#) provides details of our approach to collecting and analysing this data.

For the first time, we have added the level of take-up of broadband services on full-fibre networks, both as a percentage of premises with full-fibre availability and as a percentage of all premises in the local or unitary authority.

Due to variations in broadband performance over time, the file should not be regarded as a definitive and fixed view of the UK's fixed broadband infrastructure. However, the information provided in this file may be useful in identifying variations in broadband availability.

If you have any questions or feedback on the data, please contact us at [open.data@ofcom.org.uk](mailto:open.data@ofcom.org.uk).

We are providing this data on an open basis via the [Open Government Licence](#), which gives users various freedoms about how they choose to use the data, subject to conditions.

The files are provided as a Comma Separated Values file, with double quote (") text delimiters where applicable.

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<sup>1</sup> <https://blog.planningportal.co.uk/2023/03/24/local-authority-changes-from-1-april-2023/>

## Performance data

File name: 202305\_fixed\_laua\_performance\_r01.csv

Total records in file: 1 header row, 374 data rows

File size: 67 KB

### Column headers and what they represent:

Field	Note
laua	Local and Unitary Authority Code, such as E07000114
laua_name	Local and Unitary Authority Name
Median download speed (Mbit/s)	Median download speed (in Mbit/s) of all connections
Average download speed (Mbit/s)	Average download speed (in Mbit/s) of all connections
Maximum download speed (Mbit/s)	Maximum download speed (in Mbit/s) of all connections
Average download speed (Mbit/s) for lines < 10Mbit/s	Average download speed (in Mbit/s) of all connections that deliver speed less than 10Mbit/s
Average download speed (Mbit/s) for lines 10<30Mbit/s	Average download speed (in Mbit/s) of all connections that deliver speeds of 10Mbit/s or higher and less than 30Mbit/s
Average download speed (Mbit/s) for lines 30<300Mbit/s	Average download speed (in Mbit/s) of all connections that deliver speeds of 30Mbit/s to less than 300Mbit/s
Average download speed (Mbit/s) for SFBB lines	Average download speed (in Mbit/s) of all connections that deliver speeds of 30Mbit/s or greater
Average download speed (Mbit/s) for UFBB lines	Average download speed (in Mbit/s) of all connections that deliver speeds of 300Mbit/s or greater
Median upload speed (Mbit/s)	Median upload speed (in Mbit/s) of all connections
Average upload speed (Mbit/s)	Average upload speed (in Mbit/s) of all connections

**Field****Note**

<b>Maximum upload speed (Mbit/s)</b>	Maximum upload speed (in Mbit/s) of all connections
<b>Average upload speed (Mbit/s) for lines &lt; 10Mbit/s</b>	Average upload speed (in Mbit/s) of all connections that deliver speed less than 10Mbit/s
<b>Average upload speed (Mbit/s) for lines 10&lt;30Mbit/s</b>	Average upload speed (in Mbit/s) of all connections that deliver speed less than 30Mbit/s
<b>Average upload speed (Mbit/s) for lines 30&lt;300Mbit/s</b>	Average upload speed (in Mbit/s) of all connections that deliver speed of 30Mbit/s to less than 300Mbit/s
<b>Average upload speed (Mbit/s) for SFBB lines</b>	Average upload speed (in Mbit/s) of all connections that deliver speeds of 30Mbit/s or greater
<b>Average upload speed (Mbit/s) for UFBB lines</b>	Average upload speed (in Mbit/s) of all connections that deliver speeds of 300Mbit/s or greater
<b>Number of connections &lt; 2 Mbit/s (number of lines)</b>	Count of connections that have average measured speeds below 2Mbit/s
<b>Number of connections 2&lt;5 Mbit/s (number of lines)</b>	Count of connections that have average measured speeds of 2Mbit/s or greater and below 5Mbit/s
<b>Number of connections 5&lt;10 Mbit/s (number of lines)</b>	Count of connections that have average measured speeds of 5Mbit/s or greater and below 10Mbit/s
<b>Number of connections 10&lt;30 Mbit/s (number of lines)</b>	Count of connections that have average measured speeds of 10Mbit/s or greater and below 30Mbit/s
<b>Number of connections 30&lt;300 Mbit/s (number of lines)</b>	Count of connections that have average measured speeds of 30Mbit/s or greater and below 300Mbit/s

Field	Note
<b>Number of connections &gt;= 300 Mbit/s (number of lines)</b>	Count of connections that have average measured speeds of 300Mbit/s or greater
<b>Number of connections &gt;= 30 Mbit/s (number of lines)</b>	Count of connections that have average measured speeds of 30Mbit/s or greater
<b>Average data usage (GB)</b>	Average data usage, download and upload, in GB of all connections
<b>Median data usage (GB)</b>	Median data usage, download and upload, in GB of all connections
<b>Average data usage (GB) for lines &lt; 10Mbit/s</b>	Average data usage, download and upload, in GB of all connections that deliver speed less than 10Mbit/s
<b>Average data usage (GB) for lines 10&lt;30Mbit/s</b>	Average data usage, download and upload, in GB of all connections that deliver speed less than 30Mbit/s
<b>Average data usage (GB) for lines 30&lt;300Mbit/s</b>	Average data usage, download and upload, in GB of all connections that deliver speed of 30Mbit/s and higher and less than 300Mbit/s
<b>Average data usage (GB) for SFBB lines</b>	Average data usage, download and upload, in GB of all connections that deliver speeds of 30Mbit/s or greater
<b>Average data usage (GB) for UFBB lines</b>	Average data usage, download and upload, in GB of all connections that deliver speeds of 300Mbit/s or greater
<b>Full-fibre take-up (% of full-fibre coverage)</b>	Take-up of broadband services on full-fibre networks as a percentage of premises with full-fibre availability in May 2023
<b>Full-fibre take-up (% of all premises)</b>	Take-up of broadband services on full-fibre networks as a percentage of all premises in the local or unitary authority (using the Connected Nations May 2023 premise base)