

About this data: Fixed output area

To create our Connected Nations Report update for 2018 Ofcom collected and analysed data from major fixed telecoms operators (BT, Virgin Media, Sky, Talk Talk, Vodafone and KCOM). This file contains broadband coverage from the operators, aggregated at 2011 census output area level. The availability data also includes coverage information provided by alternative network providers (B4RN, BU-UK, City Fibre, Gigaclear, Hyperoptic, ITS and Relish).

The coverage data was collected as a snapshot in January 2018.

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.

File Format

The file is provided as a Comma Separate Values file, with double quote (") text delimiters where applicable.

File name: 201801_fixed_oa11_r01.csv

Total files in compressed folder: 1 file

Total records across all files: 1 header row; 231,923 data rows

File size on disk (compressed): 2.28 MB (2,393,183 bytes)

File size on disk (uncompressed): 14.9 MB (15,642,165 bytes)

Column headers and what they represent:

Current headers	Note
OA11	2011 Census Output Area
All premises	Count of all premises, in scope, based on Ordnance Survey AddressBase® Premium Epoch 55
All matched premises	Count of all premises matched to operator records. Unmatched premises are unclassified and excluded from analysis
SFBB availability (% premises)	Percentage of premises that have Superfast Broadband (30Mbit/s to less than 300Mbit/s) coverage, excludes UFBB
UFBB availability (% premises)	Percentage of premises that have Ultrafast Broadband (300Mbit/s or greater) coverage
Full Fibre availability (% premises)	Percentage of premises that have coverage from a full fibre service
% of premises unable to receive 2Mbit/s	Percentage of premises that do not have access to services above 2Mbit/s
% of premises unable to receive 5Mbit/s	Percentage of premises that do not have access to services above 5Mbit/s
% of premises unable to receive 10Mbit/s	Percentage of premises that do not have access to services above 10Mbit/s

Current headers	Note
% of premises unable to receive 30Mbit/s	Percentage of premises that do not have access to services at or above 30Mbit/s
% of premises below the USO	Percentage of premises that do not have access to download speeds at or above 10Mbit/s and upload speeds at or above 1Mbit/s
Number of premises with SFBB availability	Number of premises that have Superfast Broadband (30Mbit/s to less than 300Mbit/s) coverage
Number of premises with UFBB availability	Number of premises that have Ultrafast Broadband (300Mbit/s or greater) coverage
Number of premises with Full Fibre availability	Number of premises that have coverage from a full fibre service
Number of premises unable to receive 2Mbit/s	Number of premises that do not have access to services above 2Mbit/s
Number of premises with unable to receive 5Mbit/s	Number of premises that do not have access to services above 5Mbit/s
Number of premises with unable to receive 10Mbit/s	Number of premises that do not have access to services above 10Mbit/s
Number of premises with unable to receive 30Mbit/s	Number of premises that do not have access to services above 30Mbit/s
Number of premises below the USO	Number of premises that do not have access to download speeds at or above 10Mbit/s and upload speeds at or above 1Mbit/s