

UK Broadband Speed Test Results July 2017

This press release gives the aggregated speed test results from the hundreds of thousands of tests carried out by site users at www.broadband.co.uk during July 2017.

Fixed line home broadband providers – overview

Average fixed line download & upload speeds – July 2017		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
BT	23.544	5.07
EE	15.365	3.315
Plusnet	17.161	2.652
Post Office	4.682	0.701
Sky	14.867	3.199
TalkTalk	15.519	3.327
Virgin Media	54.09	6.37
Vodafone	25.635	6.395
All fixed line providers	25.632	4.59

Virgin Media retain first place, with average download speeds decreasing by 0.35Mbps to 54.09Mbps. Vodafone are in second place with download speeds rising by 0.93Mbps to 25.64Mbps. BT are in third place, with download speeds dropping by 0.25Mbps to 23.54Mbps. Plusnet are in fourth place, with download speeds increasing by 0.21Mbps to 17.16Mbps. This puts TalkTalk in fifth place, with speeds remaining stable at 15.52Mbps.

Overall, the average download speeds across all fixed line providers remained stable at 25.63Mbps since last month, with upload speeds falling by 0.28Mbps to 4.59Mbps.

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Consumer mobile broadband providers

Average consumer mobile download & upload speeds – July 2017		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
EE Mobile	26.064	4.836
O2 Mobile	13.352	2.8
Three Mobile	11.085	3.015
Vodafone Mobile	16.268	3.506
All consumer mobile	17.34	3.782

Unlike many other speed tests, our test supports users of mobile and tablet devices, and so we're able to provide information about average speeds for mobile broadband providers. Results from last month see EE holding first place with average download speeds rising by 1.67Mbps to 26.06Mbps. Vodafone remain in second place with download stable at 16.27Mbps. O2 are in third place, with speeds also stable at 13.35Mbps, while Three are in fourth place with download speeds falling by 1.62Mbps to 11.09Mbps.

Overall, the average download speed across all consumer mobile remained stable at 17.34Mbps, while average mobile broadband upload speeds have dropped by 0.27Mbps to 3.78Mbps.

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Fixed line home broadband providers – time of day

Average fixed line download speeds split by time of day – July 2017			
ISP	Overnight (00:00 to 08:00) Average download speed (Mbps)	Daytime (08:00 to 18:00) Average download speed (Mbps)	Evening (18:00 to 00:00) Average download speed (Mbps)
BT	24.355	23.356	23.593
EE	17.179	14.935	15.442
Plusnet	18.456	16.475	17.912
Post Office	6.105	4.752	3.995
Sky	14.627	15.425	14.099
TalkTalk	15.941	15.319	15.73
Virgin Media	57.728	55.551	51.085
Vodafone	27.752	27.045	23.199
All fixed line providers	25.769	25.666	25.531

When the fixed line providers' average download speed is split to show separate figures for overnight, daytime and evening tests, we see how download speed is heavily influenced by the time of day.

For providers such as Virgin Media, Vodafone and the Post Office the overnight level shows significantly higher average speeds than the evening peak periods. This clearly shows the effects of network congestion on the average broadband connection at peak hours.

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Supplemental fixed line broadband providers

Average download & upload speeds (supplemental) – July 2017		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
Daisy	20.095	5.816
Origin	10.299	2.961
KCOM	41.714	10.027
Eclipse Internet	16.87	6.545
Zen	23.336	6.759
Hyperoptic	92.879	76.12
Gigaclear	51.505	46.781
Entanet	22.128	8.994
186k	8.802	2.395
Relish	15.659	1.997
Demon Broadband	15.157	7.324

Here we list additional fixed line broadband providers with fewer customers making use of our speed test. All providers listed have sufficient test numbers across the month to make average speeds statistically significant, but not enough tests to be split by time of day. The lower down the list, the less confident we are about the overall accuracy of the average results.

It should be noted that some of these ISPs primarily supply broadband to the business market, and so might utilize technologies not available to the vast majority of broadband users. Home providers tend to have a peak of test numbers in the evening while primarily business providers, such as Zen or Daisy have the greatest number during the day time.

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About the broadband.co.uk speed test results

- Our results are taken from our website users performing speed tests using our speed checker at <http://www.broadband.co.uk/broadband-speed-test/>
- We record hundreds of thousands of speed tests every month
- Unlike other speed test services we record the Internet Service Provider (ISP) by IP address making our ISP recording very accurate rather than relying on self selection. Certain ISPs resell their services as a wholesale or white label product, in these cases the wholesale ISP is matched
- We pick out the following 'big 8' fixed line ISPs for detailed reporting every month:
 - BT
 - EE (excluding 4G mobile broadband)
 - Post Office
 - Plusnet
 - Sky
 - TalkTalk
 - Virgin Media
 - Vodafone
- As our test is one of the few that will run on mobile devices and tablets, we're also able to report on the following mobile broadband providers:
 - EE
 - O2
 - Three
 - Vodafone

About [broadband.co.uk](http://www.broadband.co.uk)

- Our broadband price comparison is accredited by Ofcom as open, honest and transparent
- We are one of the original broadband information and comparison sites having been launched in 2004
- With well over 3 million visitors per year we are one of the UK's leading sources of broadband information and advice
- We provide beginners guides to all areas of broadband along with detailed buyers guides to the major broadband providers, speed tester and broadband postcode look-up functionality
- We provide a free "Ask the expert" service where our broadband expert answers any query related to broadband, technical, comparison and related

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