

UK Broadband Speed Test Results April 2016

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 April 2016.

Fixed line home broadband providers – overview

Average fixed line download & upload speeds – April 2016		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
BT	18.8	4.84
EE	11.346	2.672
Plusnet	14.545	3.044
Post Office	3.362	0.366
Sky	11.127	2.508
TalkTalk	13.091	1.993
Virgin Media	46.771	5.897
All fixed line providers	21.583	3.996

Virgin Media retain first place, with average download speeds falling slightly by 0.18Mbps to 46.77Mbps. BT are in second place, with download speeds rising by 1.16Mbps to 18.8Mbps. Plusnet remain in third place, with download speeds also rising by 1.13 to 14.55Mbps. TalkTalk are in fourth place, with speeds stable at 13.09Mbps. EE overtake Sky to claim fifth place, with download speeds increasing by 1.44Mbps to 11.35Mbps.

Overall, the average download speed across all fixed line providers has risen since last month by 1.17Mbps to 21.58Mbps. Upload speeds have also risen slightly to 3.99Mbps, continuing the upwards trend since the start of the year.

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Consumer mobile broadband providers

Average consumer mobile download & upload speeds – April 2016		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
EE Mobile	19.517	4.313
O2 Mobile	12.707	3.098
Three Mobile	12.907	3.659
Vodafone Mobile	16.08	3.633
All consumer mobile	15.486	3.704

Unlike many other speed tests, our speed 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 April put EE in first place with average download speeds increasing by 0.81Mbps to 19.52Mbps. Vodafone remain in second place with a 0.18Mbps decrease in download speeds to 16.08Mbps. Three move up to third place, average speeds increasing by 0.81Mbps to 12.91Mbps. O2 are down to fourth place with download speeds at 12.71Mbps, a decrease of 0.15Mbps over last month.

Overall, the average download speed across all mobile broadband providers was 15.47Mbps, a 0.17Mbps increase compared to last month, while average mobile broadband upload speeds have remained stable at 3.7Mbps.

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Fixed line home broadband providers – time of day

Average fixed line download speeds split by time of day – April 2016			
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	18.317	18.708	19.078
EE	13.71	10.863	11.502
Plusnet	15.457	14.26	14.743
Post Office	5.017	3.453	2.675
Sky	11.668	11.29	10.763
TalkTalk	14.197	13.136	12.709
Virgin Media	53.039	50.058	41.31
All fixed line providers	22.554	21.801	21.009

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, EE and Post Office Broadband 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) – April 2016		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
Zen	18.629	5.369
Vodafone Broadband	22.173	6.413
KC	18.506	3.376
Daisy	14.494	4.453
Eclipse Internet	12.13	2.494
BT Wi-Fi (aka BT Fon)	4.324	1.636
Demon Broadband	6.966	1.184
Hyperoptic	99.471	79.541
Entanet	14.027	5.837
TalkTalk Business	5.72	0.548
Relish	12.358	1.994
Gigaclear	64.874	51.273

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 may 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 7' fixed line ISPs for detailed reporting every month:
 - BT
 - EE (excluding 4G mobile broadband)
 - Post Office
 - Plusnet
 - Sky
 - TalkTalk
 - Virgin Media
- 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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