



UK Broadband Speedtest Results November 2009

This press release gives the aggregated speedtest results from tests carried out by site users at www.broadband.co.uk for November 2009.

Average download & upload speeds - November 2009		
ISP	Average Download speed (Mbps)	Average Upload Speed (Mbps)
AOL	2.230	0.323
Be and O2*	5.177	0.765
BT	2.805	0.370
Eclipse	2.784	0.393
Orange	3.389	0.442
Plusnet	2.552	0.328
Sky	3.342	0.444
Talk Talk	3.327	0.488
Tiscali	2.822	0.341
Virgin Media	7.214	0.537
All providers	4.367	0.470

** Note that although O2 and Be share a common infrastructure they are separate trading entities*

November 2009 saw a new record for average broadband speeds UK wise reaching 4.367Mbps (beating the previous record reached in September 2009).

Amongst the leaders Virgin have remained almost static with O2/Be catching up slightly, though Virgin keep a clear lead of over 2Mbps.

AOL again trail in last place, though they show a marginal improvement on previous months.



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Average download speeds split by time of day – November 2009			
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)
AOL	2.452	2.447	1.818
Be and O2*	5.614	5.151	5.113
BT	3.568	3.109	2.233
Eclipse	2.234	2.826	2.761
Orange	3.819	3.445	3.240
Plusnet	3.300	2.709	2.234
Sky	3.964	3.474	3.048
Talk Talk	3.788	3.534	2.975
Tiscali	2.958	2.862	2.751
Virgin Media	8.315	7.534	6.669
All providers	5.100	4.515	4.043

Our average speed by time of day shows how the average broadband speed is heavily influenced by the time of day (and therefore likely level of network congestion).

The overnight levels show a significantly higher average speed than the evening peak period, with daytime use between the two. This clearly shows the effects of network congestion on the average broadband connection at peak hours.

For the first time we see an average of over 5Mbps during a period, in this case the evening period.

Virgin again hold the top slots in all 3 time periods, with the average evening speed breaking the 8Mbps barrier for the first time. AOL are again limp in to last place in all three categories with the evening result being especially poor at under 2Mbps.



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Average throughput achieved by Suppliers

When a user has carried out a speedtest and provided us with their postcode we can work out the throughput as a percentage of the maximum speed we would expect them to achieve. So a user we expect to have a maximum speed of 4Mbps and who tests as 4Mbps gets a 100% throughput result.

ISP	Average throughput (as % of expected maximum speed)
AOL	56%
Be	111%
BT	58%
Eclipse	69%
O2	92%
Orange	60%
Plusnet	58%
Sky	72%
TalkTalk	73%
Tiscali	54%
Virgin Media – ADSL	97%
Virgin Media – fibre optic	153%
All suppliers	81%

As this test relies on users to select their own suppliers we can differentiate between O2 and Be, and also Virgin Media users using ADSL or fibre optic connections.

As some suppliers use ADSL2+ or fibre optic technology then they can achieve speed ratios of over 100% and this is to be expected.



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About the broadband.co.uk speedtest results

- Our results are taken from our website users performing speedtests using our speedchecker at <http://www.broadband.co.uk/broadband-speed-test/>
- We record tens of thousands of speedtests every month.
- Unlike other speedtest services we record the Internet Service Provider (ISP) by IP address making our ISP recording very accurate rather than relying on self selection
- We pick out the following ISP's for reporting every month
 - AOL
 - Be Broadband and O2 (O2 and Be are separate trading entities; however they share a common infrastructure)
 - BT
 - Eclipse
 - Orange
 - Plusnet
 - Sky
 - TalkTalk
 - Tiscali
 - Virgin

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

- We are one of the original broadband information and comparison sites having been launched in 2004
- With well over 1 million visitors per year we are the UK's leading source of broadband information and advice
- We provide beginners guides to all areas of broadband along with discussion forums, speedtester and broadband postcode lookup functionality
- We provide a unique free "Ask the expert" service where our broadband expert answers any query related to broadband, technical, comparison and related

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