

Senate Standing Committee on Environment and Communications

Answers to Senate Estimates Questions on Notice

Budget Estimates May 2017

Communications Portfolio

NBN Co Limited

Question No: 213

NBN Co Limited

Hansard Ref: Page 102

Topic: Distribution Plots - Speeds on FTTN

Senator O'Neill, Deborah asked:

Senator O'NEILL: You have some testing of those simulation-based numbers.

Mr Simon: Yes.

Senator O'NEILL: Can you then provide for me a distribution plot of the speeds on FTTN?

Mr Morrow: We can certainly have a look at that. To clarify your question, which we will take on notice, think about it this way. We have two million FTTN/B homes made ready for service right now.

Answer:

Speed distributions provided below are as at 18 June 2017, based on all active FTTN services where data had been successfully collected. This is the calculated Layer 2 attainable bitrate based on the measured attainable line rate for each FTTN service, and does not reflect actual speeds experienced by end users, which is also dependent on other factors including available CVC and network bandwidth of retail service providers.

The results are also subject to co-existence profile settings, which reduces performance to prevent interference with legacy services during the 18 month migration window. Following switch-off of legacy copper services after this period, the Layer 2 attainable bitrate (speeds) will increase. The numbers also reflect the impact of other factors such as any in-home wiring issues, which can affect attainable speeds.

Where the network is not capable of providing the minimum wholesale download speeds after coexistence has ended, nbn will take action to rectify any issues so that minimum standards are met.

Current attainable Rate Downstream (Mbps, Layer 2)

Range (Mbps Layer 2)	Percentage
12-25	6%
25-50	29%
50-75	33%
75-100	32%