



Monthly Progress Report December 2023

Measure	Description	Dec 2022	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023
Homes and businesses ready-to-connect	The number of homes and businesses that can order a plan via a phone and internet provider and connect to the nbn [®] access network.	12.2 million	12.3 million	12.3 million	12.3 million	12.3 million	12.3 million	12.3 million	12.3 million
Homes and businesses connected	The number of homes and businesses connected to a plan over the nbn access network through a phone and internet provider.	8.5 million	8.6 million	8.6 million	8.6 million	8.6 million	8.6 million	8.6 million	8.6 million
Right first-time installations	The percentage of homes and businesses that have their initial nbn equipment installed without additional work from NBN Co the first time the installation is attempted when connecting to the nbn network for the first time.	90%	91%	91%	91%	91%	92%	91%	90%
Meeting agreed installation times	The percentage of premises that nbn connects to the nbn access network within target timeframes with phone and internet providers.	98%	97%	98%	98%	98%	98%	98%	97%
Average network bandwidth congestion#	The average number of minutes of bandwidth congestion per week/ per service. This is calculated across all bandwidth purchased by all phone and internet providers across the entire network (CVC congestion). This excludes nbn Sky Muster™ satellite.	29 minutes	41 minutes	31 minutes	44 minutes	35 minutes	29 minutes	49 minutes	12 minutes
Fixed Line network congestion##	The estimated monthly average percentage of homes and businesses who experience nbn access network congestion (as per nbn 's congestion measures for Fixed Line networks). This excludes nbn Fixed Wireless and nbn Sky Muster™ satellite.	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.023%	0.000%
Fixed Wireless busy hour cell performance	The percentage of cells with a monthly busy hour cell performance of 6 Mbps or more.	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Fixed Wireless busy hour backhaul performance	The percentage of cells on a backhaul link with a 28 day busy hour packet loss of less than 0.25%	100.0%	99.8%	100.0%	100.0%	99.9%	100.0%	100.0%	100.0%
Uptake to 50Mbps or over - wholesale plans	The percentage of homes and businesses on a 50Mbps (download) wholesale speed plan or higher; and	77%	74%	74%	74%	74%	74%	74%	74%
	25Mbps (download) wholesale speed plan or lower, purchased from a phone or internet provider.	23%	26%	26%	26%	26%	26%	26%	26%
Network availability	Percentage of time the nbn access network is available and operating. For this measure, the network is considered 'unavailable' during the time nbn is restoring services following the raising of a fault. It does not include periods where the network is unavailable due to operational outages for network upgrades and improvements or events beyond nbn 's control. This metric has been rounded to the nearest two decimal places.	99.97%	99.96%	99.96%	99.98%	99.96%	99.97%	99.96%	99.95%
Meeting agreed fault restoration times	The percentage of time nbn resolves accepted faults within nbn 's target timeframes with phone and internet providers.	92%	94%	93%	94%	94%	93%	92%	88%
Faults after connection completed (per 100 connected homes and businesses)	The number of faults on the nbn access network per 100 premises per month (excluding faults within 10 business days of the connection).	0.8	0.6	0.5	0.6	0.6	0.6	0.6	0.8
Sky Muster™ Satellite Network Faults	This metric describes the total number of nbn satellite network faults that impacted end user nbn Sky Muster™ and nbn Sky Muster™ Plus services that first arose within the month.	10	4	1	3	4	9	22	12
Sky Muster™ Satellite Network Faults - Average Time to Restore	The Average Time to Restore measures the average time taken for nbn to resolve all nbn satellite network faults which affected the supply of nbn Sky Muster™ and nbn Sky Muster™ Plus services and first arose within the month.	1 hours 40 minutes**	4 hours 54 minutes*	7 minutes	6 minutes	28 minutes	48 minutes	68 minutes	40 minutes

It is important that this Progress Report is read in conjunction with the information on **nbn**'s website at [nbn.com.au/updates](#)

*The main driver of the **nbn** Sky Muster satellite average time to restore result was a network outage affecting **nbn** Sky Muster customers on 23 June 2023 due to a temporary network routing issue at one of **nbn**'s satellite Earth stations.

Consistent with the approved [Special Access Undertaking Variation](#), **nbn** has introduced AVC-only prices for wholesale speed tiers of 100Mbps and above, and a commitment to phase out CVC (bandwidth) charges by the end of FY26 for 12-50Mbps services, except for services provided over satellite. As a result, this graph may be phased out.

The calculation of the Fixed Line Network Congestion metric has changed from December 2023. The new calculation of the metric has been adapted per the SAU accepted practices on network performance reporting. In addition, it has been expanded to include the measurement from FTTP GPON access ports which were not previously included. These additional factors help to provide a more complete picture of fixed line network congestion. The historical figures in the graph above have not been recalculated using this new method. This metric should not be compared with the old 'Fixed Line Network Congestion' metric as contained in pre-December 2023 monthly progress reports.

Note: The December 2023 Fixed Line Network Congestion metric published on 29 January 2024 was incorrectly reported and is actually 0.000% (updated 30 January 2024).

Fixed Wireless Busy Hour Cell Performance Categories

The percentage of cells performing within specified monthly busy hour cell performance categories between <3 Mbps and >=25 Mbps.

The percentage of cells in each category is calculated using the number of cells in the relevant category divided by the total number of active cells on the **nbn** Fixed Wireless network at the end of the relevant month.

Month	Monthly busy hour cell performance category	% of Fixed Wireless Cells in category
December 2023	<3 Mbps	0.00%
	3 to <6 Mbps	0.00%
	6 to <12 Mbps	0.38%
	12 to <25 Mbps	5.77%
	>= 25 Mbps	93.85%

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Fixed Wireless Cell Performance by Hours Spent in Categories

A "specified cell" means those cells that have a monthly busy hour cell performance of either <3 Mbps, or 3 to <6 Mbps.

This table shows the average number of hours a day "specified cells" spent in each of the following performance categories (averaged over 30 days):

(1) <3 Mbps

(2) 3 to <6 Mbps

This is expressed as a percentage of all Fixed Wireless Cells, which is calculated by dividing the number of cells that fall into each hourly category by the total number of active cells on the **nbn** Fixed Wireless network at the end of the relevant month.

December 2023 performance category (cell hourly download)	Average number of hours per day spent in performance category*				
	0 to <1 hours	1 to <2 hours	2 to <3 hours	3 to <4 hours	>= 4 hours
<3Mbps	0.00%	0.00%	0.00%	0.00%	0.00%
3-<6Mbps	0.00%	0.00%	0.00%	0.00%	0.00%

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*Note a cell with a monthly busy hour cell performance of under 6Mbps may fall within both of these performance categories, and as such the rows may not add up to the proportion of cells with a monthly busy hour cell performance of under 6Mbps