

Available for Public Disclosure

Extracts of reports prepared under the Disclosure Direction provided to nbn co limited on 18 March 2016 in relation to the NBN Services in Operation Record Keeping and Reporting Rules

30 September 2017 Reporting Date

The data presented in the extracts relate to 'Network Access Services' supplied by **nbn**, and do not include any services that are supplied over other access networks.

The AVC and CVC data presented in the extracts do not separately identify access services that are used by access seekers to supply retail or wholesale services. Hence the data presented in the extracts are not intended to provide a reliable view of the share of total **nbn** Network Access Services, or of total services, that a provider supplies in the retail market.

Capitalised terms have the same meaning as in the NBN Services in Operation Record Keeping and Reporting Rules (NBN SIO RKR).

Table 1 - Count of AVCs by Network Access Service, and by AVC traffic class and data transfer rate tier, 30 September 2017

Class	FTTP		FTTB		FTTN		HFC		Wireless		Satellite	
	Tier (Mbps)	SIO	Tier (Mbps)	SIO	Tier (Mbps)	SIO	Tier (Mbps)	SIO	Tier (Mbps)	SIO	Tier (Mbps)	SIO
1	0.15	859,802	0.15	51,059	0.15	975,875	0.15	271,601	0.15	108,161	0.15	18,597
	0.3	18,285	0.3	1,516	0.3	15,717	0.3	1,007	0.3	86		
	0.5	5,539	0.5	371	0.5	3,591	0.5	22				
	1	1,223	1	53	1	143	1	3				
	2	8	2	0	2	3		0				
	5	16	5	1	5	13		0				
	Total	884,873	Total	53,000	Total	995,342	Total	272,633	Total	108,247	Total	18,597
2	5	1,751	5	219	5	1,052						
	10	188	10	20	10	103						
	20	66	20	4	20	12						
	30	5										
	40	19										
	50	1										
	60	0										
	70	0										
	80	0										
	90	0										
	100	2										
Total	2,032	Total	243	Total	1,167							
4	12/1	374,185	12/1	28,053	12/1	333,662	12/1	94,352	12/1	34,254	12/1	26,459
	25/5	557,357	25/5	34,571	25/5	726,768	25/5	128,058	25/5	155,615	25/5	52,167
	25/10	11,192	25/5-10	612	25/5-10	3,746	25/10	124				
	50/20	42,621	25-50/5-20	1,967	25-50/5-20	38,621	50/20	25,585	25-50/5-20	13,474		
	100/40	187,136	25-100/5-40	10,514	25-100/5-40	114,415	100/40	42,630				
	250/100	172										
	500/200	11										
	1000/400	162										
	Total	1,172,836	Total	75,717	Total	1,217,212	Total	290,749	Total	203,343	Total	78,626

Table 2 – Sum of contracted CVC capacity by State grouping and by CVC traffic class, 30 September 2017

State	Class		
	1 Mbps	2 Mbps	4 Mbps
NSW/ACT	24,705	5,120	1,144,625
QLD	15,460	3,100	697,850
SA/NT	6,080	1,270	295,100
VIC/TAS	19,025	4,135	884,650
WA	6,725	1,460	342,250
Total	71,995	15,085	3,364,475

Notes:
1. CVCs are allocated to a State grouping based upon the State listed in respect of the CVCs in the report nbn provides to the ACCC pursuant to the NBN SIO RKR for the relevant calendar quarter.

Table 3 - Count of NBN Points of Interconnect (POIs) by count of NBN Access Seeker Groups present, 30 September 2017

# Access Seeker Groups	Listed POIs	non-listed POIs
	#	#
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	9	0
6	41	2
7	23	0
8	29	1
9	9	1
10	7	1
11	2	0
12	0	0
13	0	0
14	0	0
15	0	0
16	1	0
17+	0	0

Notes:

1. As defined in the Disclosure Direction (clause 3), 'Listed POI' means a POI that is set out in the document titled "Listed Points of Interconnection - NBN Corporation", published by the ACCC on 2 November 2012.
2. For the purposes of this table, the 'non-Listed POIs' comprise the five interim POIs in Sydney, Melbourne, Brisbane, Adelaide and Perth.
3. An NBN Access Seeker Group is counted as being present at a POI if it has contracted CVC capacity at that POI.

Table 4 - Count of TC-4 AVCs by Network Access Service and by NBN Access Seeker Group, 30 September 2017

FTTP		HFC		Satellite	
Access Seeker Group	SIO	Access Seeker Group	SIO	Access Seeker Group	SIO
Telstra Corporation Ltd	539,288	Telstra Corporation Ltd	116,236	Australian Private Networks Pty Ltd	27,429
TPG	318,978	TPG	74,820	SkyMesh Pty Ltd	18,585
Optus Networks Pty Ltd	180,009	Optus Networks Pty Ltd	74,316	TPG	10,200
Vocus Communications	93,562	Vocus Communications	19,295	Harbour ISP Pty Ltd	7,639
Other Access Seekers	40,999	Other Access Seekers	6,082	IPStar Australia Pty Ltd	6,054
Total	1,172,836	Total	290,749	Other Access Seekers	8,719
				Total	78,626

FTTB		Wireless	
Access Seeker Group	SIO	Access Seeker Group	SIO
Telstra Corporation Ltd	32,913	Telstra Corporation Ltd	112,658
TPG	22,920	TPG	33,286
Optus Networks Pty Ltd	12,114	Optus Networks Pty Ltd	19,554
Vocus Communications	5,887	Vocus Communications	17,210
Other Access Seekers	1,883	Aussie Broadband Pty Ltd	10,790
Total	75,717	Other Access Seekers	9,845
		Total	203,343

FTTN	
Access Seeker Group	SIO
Telstra Corporation Ltd	703,248
TPG	231,384
Vocus Communications	125,634
Optus Networks Pty Ltd	122,682
Other Access Seekers	34,264
Total	1,217,212

Notes:

- As defined in the Disclosure Direction (clause 3), 'NBN Access Seeker Group' means two or more Access Seekers which are acquiring Network Access Services and that are related to each other at the end of the relevant calendar quarter.
- If the count of TC-4 AVCs acquired by any NBN Access Seeker Group is less than 5% of the total TC-4 AVCs for that Network Access Service as at the end of the calendar quarter, that count is aggregated in the 'Other Access Seekers' line item.

Table 5 - Count of TC-4 AVCs by download data transfer rate and by NBN Access Seeker Group, 30 September 2017

Access Seeker Group	12 Mbps	25 Mbps	50 Mbps	100 Mbps	250 Mbps	500 Mbps	1000 Mbps
	SIO	SIO	SIO	SIO	SIO	SIO	SIO
Telstra Corporation Ltd	288,643	1,045,967	43,930	125,797	11	1	2
TPG	298,879	269,932	20,807	101,965	-	1	4
Optus Networks Pty Ltd	123,603	175,305	41,320	68,772	11	-	11
Vocus Communications	142,642	95,772	5,139	18,035	-	-	-
Other Access Seekers	37,198	83,234	11,072	40,126	150	9	145
Total	890,965	1,670,210	122,268	354,695	172	11	162

Notes:

- As defined in the Disclosure Direction (clause 3), 'NBN Access Seeker Group' means two or more Access Seekers which are acquiring Network Access Services and that are related to each other at the end of the relevant calendar quarter.
- If the count of TC-4 AVCs acquired by any NBN Access Seeker Group is less than 5% of the total TC-4 AVCs as at the end of the calendar quarter, that count is aggregated in the 'Other Access Seekers' line item.
- AVCs that are supplied with a data transfer rate tier that comprises a single specified download data transfer rate are aggregated with all other AVCs that are supplied with a data transfer rate tier with the same specified download data transfer rate. A data transfer rate tier that comprises a range of download transfer rates is treated as though it comprised a single download data transfer rate that nbn offers on a data transfer rate tier, and this is selected to be equal to the maximum of the range of download data transfer rates available on the relevant data transfer rate tier.

Table 6 - Count of TC-4 AVCs by State grouping and by NBN Access Seeker Group, 30 September 2017

	NSW/ACT	QLD	SA/NT	VIC/TAS	WA
Access Seeker Group	SIO	SIO	SIO	SIO	SIO
Telstra Corporation Ltd	498,197	336,015	141,126	395,793	133,212
TPG	225,838	105,413	83,201	168,695	98,241
Optus Networks Pty Ltd	153,242	89,997	26,218	111,056	28,162
Vocus Communications	82,400	54,788	24,497	76,401	23,502
Other Access Seekers	36,602	13,796	7,208	38,022	8,235
Total	996,279	600,009	282,250	789,967	291,352

Notes:

1. Excludes AVCs supplied on a Satellite Access Service.
2. As defined in the Disclosure Direction (clause 3), 'NBN Access Seeker Group' means two or more Access Seekers which are acquiring Network Access Services and that are related to each other at the end of the relevant calendar quarter.
3. AVCs are allocated to a State grouping based upon the State listed in respect of the AVCs in the report nbn provides to the ACCC pursuant to the NBN SIO RKR for the relevant calendar quarter.
4. If the count of TC-4 AVCs acquired by any NBN Access Seeker Group is less than 5% of the total TC-4 AVCs as at the end of the calendar quarter, that count is aggregated in the 'Other Access Seekers' line item.

Table 7 - Count of TC-4 AVCs by metropolitan/regional designation and by NBN Access Seeker Group, 30 September 2017

	Metro	Outer Metro	Regional	non-Listed POI
Access Seeker Group	SIO	SIO	SIO	SIO
Telstra Corporation Ltd	413,438	130,656	917,401	42,856
TPG	293,330	52,775	314,864	30,619
Optus Networks Pty Ltd	190,827	31,620	172,142	14,433
Vocus Communications	79,223	25,267	150,112	6,986
Other Access Seekers	28,113	9,868	128,048	5,905
Total	1,004,931	250,186	1,682,567	100,799

Notes:

1. As defined in the Disclosure Direction (clause 3), 'NBN Access Seeker Group' means two or more Access Seekers which are acquiring Network Access Services and that are related to each other at the end of the relevant calendar quarter.
2. With the exception of Satellite Access Services, AVCs are designated as 'Metro', 'Outer Metro' or 'Regional' based upon the designation that is given to the POI to which they are connected in the document titled "Listed Points of Interconnection - NBN Corporation", published by the ACCC on 2 November 2012.
3. For the purposes of this table, an AVC that is supplied on a Satellite Access Service is designated as 'Regional'.
4. For the purposes of this table, the 'non-Listed POIs' comprise the five interim POIs in Sydney, Melbourne, Brisbane, Adelaide and Perth.
5. If the count of TC-4 AVCs acquired by any NBN Access Seeker Group is less than 5% of the total TC-4 AVCs as at the end of the calendar quarter, that count is aggregated in the 'Other Access Seekers' line item.