

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

31 March 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, 31 March 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	792,932	0.15	35,933	0.15	511,525	0.15	60,659	0.15	90,602	0.15	16,844
	0.3	17,345	0.3	1,100	0.3	6,478	0.3	115	0.3	63		
	0.5	5,146	0.5	253	0.5	1,366						
	1	1,219	1	30	1	49						
	2	6	2	0	2	2						
	5	13	5	2	5	3						
	Total	816,661	Total	37,318	Total	519,423	Total	60,774	Total	90,665	Total	16,844
2	5	1,252	5	140	5	369						
	10	97	10	4	10	22						
	20	34	20	3	20	2						
	30	3										
	40	10										
	100	0										
	Total	1,396	Total	147	Total	393						
4	12/1	346,052	12/1	18,313	12/1	159,653	12/1	17,961	12/1	28,705	12/1	23,639
	25/5	515,433	25/5	25,880	25/5	389,298	25/5	26,069	25/5	134,844	25/5	45,398
	25/10	10,301	25/5-10	402	25/5-10	1,265	25/10	14				
	50/20	41,023	25-50/5-20	1,400	25-50/5-20	15,925	50/20	9,992	25-50/5-20	9,599		
	100/40	167,850	25-100/5-40	7,596	25-100/5-40	64,970	100/40	9,439				
	250/100	77										
	500/200	8										
	1000/400	17										
	Total	1,080,761	Total	53,591	Total	631,111	Total	63,475	Total	173,148	Total	69,037

Table 2 – Sum of contracted CVC capacity by State grouping and by CVC traffic class, 31 March 2017

State	Class		
	1	2	4
	Mbps	Mbps	Mbps
NSW/ACT	22,545	3,275	736,000
QLD	13,635	1,750	414,750
SA/NT	5,380	810	182,950
VIC/TAS	17,220	3,095	545,700
WA	5,665	980	195,000
Total	64,445	9,910	2,074,400

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, 31 March 2017

# Access Seeker Groups	Listed POIs	non-listed POIs
	#	#
0	0	0
1	0	0
2	0	0
3	0	0
4	37	0
5	30	0
6	19	1
7	16	1
8	12	0
9	3	2
10	3	1
11	0	0
12	1	0
13+	0	0

Notes:

1. As defined in the Dislosure 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 Network Access Seeker Group, 31 March 2017

FTTP	
Access Seeker Group	SIO
Telstra Corporation Ltd	513,844
TPG	296,611
Optus Networks Pty Ltd	160,209
Vocus Communications	79,645
Other Access Seekers	30,452
Total	1,080,761

HFC	
Access Seeker Group	SIO
Telstra Corporation Ltd	24,043
TPG	17,929
Optus Networks Pty Ltd	17,687
Other Access Seekers	3,816
Total	63,475

Satellite	
Access Seeker Group	SIO
Australian Private Networks Pty	24,790
SkyMesh Pty Ltd	16,831
TPG	7,061
Harbour ISP Pty Ltd	6,960
IPStar Australia Pty Ltd	5,219
Other Access Seekers	8,176
Total	69,037

FTTB	
Access Seeker Group	SIO
Telstra Corporation Ltd	25,230
TPG	15,058
Optus Networks Pty Ltd	8,591
Vocus Communications	4,119
Other Access Seekers	593
Total	53,591

Wireless	
Access Seeker Group	SIO
Telstra Corporation Ltd	97,697
TPG	29,188
Optus Networks Pty Ltd	16,062
Vocus Communications	13,126
Aussie Broadband Pty Ltd	9,520
Other Access Seekers	7,555
Total	173,148

FTTN	
Access Seeker Group	SIO
Telstra Corporation Ltd	371,279
TPG	125,369
Optus Networks Pty Ltd	62,046
Vocus Communications	59,028
Other Access Seekers	13,389
Total	631,111

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. 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, 31 March 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	205,514	703,710	24,032	98,836	7	-	2
TPG	205,185	193,531	16,776	75,714	3	-	7
Optus Networks Pty Ltd	72,552	114,216	29,078	48,738	5	1	5
Vocus Communications	78,897	67,851	2,925	9,354	-	-	-
Other Access Seekers	32,175	69,596	5,128	17,213	62	7	3
Total	594,323	1,148,904	77,939	249,855	77	8	17

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. 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.
3. 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, 31 March 2017

	NSW/ACT	QLD	SA/NT	VIC/TAS	WA
Access Seeker Group	SIO	SIO	SIO	SIO	SIO
Telstra Corporation Ltd	348,992	226,602	96,103	274,110	86,286
TPG	165,908	71,051	58,051	123,043	66,102
Optus Networks Pty Ltd	103,290	59,248	17,642	67,117	17,298
Vocus Communications	52,452	32,468	14,278	46,906	12,923
Other Access Seekers	21,701	6,883	3,500	26,226	3,906
Total	692,343	396,252	189,574	537,402	186,515

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, 31 March 2017

	Metro	Outer Metro	Regional	non-Listed POI
Access Seeker Group	SIO	SIO	SIO	SIO
Telstra Corporation Ltd	249,770	75,624	648,451	58,256
TPG	181,452	30,192	236,620	42,952
Optus Networks Pty Ltd	109,720	18,859	118,036	17,980
Vocus Communications	40,196	13,097	95,380	10,354
Other Access Seekers	9,991	4,979	100,009	9,205
Total	591,129	142,751	1,198,496	138,747

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.