

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 December 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 December 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	880,324	0.15	58,250	0.15	1,164,208	0.15	379,806	0.15	115,856	0.15	19,818
	0.3	18,414	0.3	1,707	0.3	19,834	0.3	1,616	0.3	87		
	0.5	5,592	0.5	419	0.5	4,714	0.5	142				
	1	1,215	1	65	1	206	1	33				
	2	10	2	0	2	2	2	0				
	5	26	5	1	5	17	5	0				
	Total	905,581	Total	60,442	Total	1,188,981	Total	381,597	Total	115,943	Total	19,818
2	5	2,055	5	258	5	1,583						
	10	254	10	27	10	180						
	20	93	20	6	20	26						
	30	7										
	40	17										
	50	1										
	60	0										
	70	0										
	80	0										
	90	0										
	100	8										
Total	2,435	Total	291	Total	1,789							
4	12/1	380,264	12/1	32,574	12/1	409,766	12/1	135,394	12/1	36,997	12/1	27,499
	25/5	566,652	25/5	38,136	25/5	862,475	25/5	181,042	25/5	163,588	25/5	55,076
	25/10	11,249	25/5-10	710	25/5-10	5,455	25/10	279				
	50/20	49,354	25-50/5-20	2,822	25-50/5-20	58,190	50/20	32,704	25-50/5-20	15,889		
	100/40	195,600	25-100/5-40	11,856	25-100/5-40	131,559	100/40	61,833				
	250/100	159										
	500/200	11										
	1000/400	173										
	Total	1,203,462	Total	86,098	Total	1,467,445	Total	411,252	Total	216,474	Total	82,575

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

State	Class		
	1 Mbps	2 Mbps	4 Mbps
NSW/ACT	27,640	5,515	1,759,150
QLD	17,515	3,260	1,098,450
SA/NT	6,945	1,345	490,200
VIC/TAS	21,995	4,625	1,378,200
WA	7,565	1,550	560,800
Total	81,660	16,295	5,286,800

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 December 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	7	0
6	33	2
7	23	0
8	35	1
9	9	1
10	8	1
11	5	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	1	0
18+	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, 31 December 2017

Access Seeker Group	FTTP
	SIO
Telstra Corporation Ltd	547,008
TPG	322,773
Optus Networks Pty Ltd	188,424
Vocus Communications	97,278
Other Access Seekers	47,979
Total	1,203,462

Access Seeker Group	HFC
	SIO
Telstra Corporation Ltd	164,486
Optus Networks Pty Ltd	107,190
TPG	100,954
Vocus Communications	27,240
Other Access Seekers	11,382
Total	411,252

Access Seeker Group	Satellite
	SIO
Australian Private Networks Pty Ltd	28,778
SkyMesh Pty Ltd	19,806
TPG	10,737
Harbour ISP Pty Ltd	7,953
IPStar Australia Pty Ltd	6,357
Other Access Seekers	8,944
Total	82,575

Access Seeker Group	FTTB
	SIO
Telstra Corporation Ltd	36,448
TPG	26,305
Optus Networks Pty Ltd	13,650
Vocus Communications	6,708
Other Access Seekers	2,987
Total	86,098

Access Seeker Group	Wireless
	SIO
Telstra Corporation Ltd	118,842
TPG	35,302
Optus Networks Pty Ltd	22,363
Vocus Communications	18,575
Other Access Seekers	21,392
Total	216,474

Access Seeker Group	FTTN
	SIO
Telstra Corporation Ltd	843,878
TPG	278,323
Optus Networks Pty Ltd	152,797
Vocus Communications	147,703
Other Access Seekers	44,744
Total	1,467,445

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 December 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	330,768	1,192,456	54,092	133,338	10	5	3
TPG	340,409	289,042	33,129	111,803	1	-	10
Optus Networks Pty Ltd	151,135	209,892	44,298	79,681	11	-	15
Vocus Communications	161,379	102,628	12,540	20,955	2	-	-
Other Access Seekers	38,803	90,644	14,900	55,071	135	6	145
Total	1,022,494	1,884,662	158,959	400,848	159	11	173

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 December 2017

	NSW/ACT	QLD	SA/NT	VIC/TAS	WA
Access Seeker Group	SIO	SIO	SIO	SIO	SIO
Telstra Corporation Ltd	560,368	382,661	158,092	452,102	157,439
TPG	251,341	119,271	92,971	186,977	113,097
Optus Networks Pty Ltd	176,778	104,959	30,655	138,315	33,717
Vocus Communications	92,521	62,505	27,942	87,276	27,260
Other Access Seekers	45,330	18,169	9,177	44,573	11,235
Total	1,126,338	687,565	318,837	909,243	342,748

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 December 2017

	Metro	Outer Metro	Regional	non-Listed POI
Access Seeker Group	SIO	SIO	SIO	SIO
Telstra Corporation Ltd	493,331	152,129	1,030,118	35,094
TPG	340,265	61,683	345,742	26,704
Optus Networks Pty Ltd	235,656	39,682	197,745	11,949
Vocus Communications	94,868	30,068	169,594	2,974
Other Access Seekers	41,149	10,547	142,541	5,467
Total	1,205,269	294,109	1,885,740	82,188

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.