



Australian  
Competition &  
Consumer  
Commission

# Guide to interpreting data contained in the NBN Wholesale Market Indicators Report

## Scope of report

The data to be included in the NBN market indicators report (report) are extracted from the reports that NBN Co provides to the ACCC under the NBN Services in Operation Record Keeping and Reporting Rule (NBN SIO RKR). The report is comprised of a number of tables published as excel spreadsheets with each table providing a different view of the NBN wholesale market.

The data included in the extracts relate to NBN access services and do not include any services that are supplied over other access networks. The AVC and CVC data do not separately identify access services that are used to supply wholesale or retail services. Hence the data presented in the extracts are not intended to provide a reliable view of the share of total NBN services, or of total services, that a supplier supplies in the retail market.

For services in operation data reported by an entity, the ACCC determined that reporting on the basis of corporate group more accurately reflects the market for NBN access services as where multiple firms in the one corporate group have become NBN Access Seekers, these individual firms would be more likely to operate in a coordinated manner. Consequently, providing data based upon Access Seeker Groups rather than individual Access Seekers will avoid double counting of independent NBN Access Seekers.

## Report tables

### Table 1 - NBN services in operation (SIO) data

Table 1 provides as at the end of the calendar quarter for each Network Access Service (access technology) by access virtual circuit (AVC) traffic class on a national basis

- a. the count of the total number of AVCs and
- b. the sub-count of AVCs for each Data Transfer Rate (speed) 'tier'.

The table reports on commercially available NBN access technologies. As, and when, NBN Co rolls out a new technology this will be added to the table.

### Table 2 –CVC data

Table 2 provides as at the end of the calendar quarter the sum of contracted connectivity virtual circuit (CVC) capacity for each CVC traffic class by State grouping. Contracted CVC provides a metric of total NBN Access Seeker provisioning across the NBN in order to meet end-user demand.

### Table 3 – Points of Interconnect (POI) data

Table 3 provides as at the end of the calendar quarter a count of NBN POIs that are

- a. listed POIs and

b. non-listed POIs, e.g. Temporary POIs

by each number of Access Seeker Groups that have contracted CVC capacity at the POI.

For example, the Table will state, for each type of POI, the number of POIs at which no Access Seekers have yet contracted to acquire CVC capacity, the number with one Access Seeker Group that has contracted this capacity, and so on, until the maximum number of Access Seeker Groups that have contracted to acquire CVC capacity at a single POI is reached.

Contracting CVC capacity at the POI is an essential pre-condition to acquiring NBN access services and supplying services from that POI as an NBN Access Seeker. Hence this Table will give a view of the breadth and depth of the NBN Access Seeker footprint across the NBN.

### **Tables 4, 5, 6 and 7 – Access Seeker services in operation data**

Tables 4, 5, 6 and 7 provide a count of TC4 AVC services acquired by established NBN Access Seekers.

TC4 AVC services are best effort access services that are used to supply mass markets. These services are featured in these tables as they will provide an overall view of the emerging market structure for NBN access services. In this regard, TC1 AVC services (which provide additional support for voice services) are bundled with a TC4 AVC. The level of demand for other TC AVC services – that support symmetric business applications – have not at this time attracted sufficient demand to warrant their inclusion in this Table.

Each established NBN Access Seeker Group – which for this purpose are those NBN Access Seeker Groups with greater than five percent of the TC4 services in operation relevant to the Network Access Service / Table, will be included in the report as a discrete line item. The relevant services of all other NBN Access Seekers will be aggregated into an ‘other’ line item. This is the same approach that the ACCC has taken in other public market indicator reporting that it has undertaken.

Table 4 provides as at the end of the calendar quarter the count of TC-4 AVCs by NBN Access Seeker Group for each relevant Network Access Service. As and when new Network Access Services are rolled-out by NBN Co these will be added to the Table.

Table 5 provides as at the end of the calendar quarter the count of TC-4 AVCs on a national basis by NBN Access Seeker Group and by contracted download Data Transfer Rate (speed) tier across all Network Access Services.

As the speed tiers are not specified in identical terms across all Network Access Services, some services will need to be allocated to equivalent speed tiers. By way of example, NBN fibre to the basement services are supplied based on download rates of 25Mbps, 25Mbps – 50 Mbps or 25Mbps – 100Mbps service. These will be included in the table as a 25Mbps, 50Mbps and 100Mbps respectively on the basis that an Access Seeker that selected a tier with a higher maximum throughput rate was doing so to meet end-user demand for a ‘faster’ service.

Table 6 provides as at the end of the calendar quarter the count of TC-4 AVCs by NBN Access Seeker Group by State grouping arrangement. States/territories are grouped as New South Wales/Australian Capital Territory, Victoria/Tasmania, Queensland, South Australia/Northern Territory and West Australia. This grouping is to align with the geographic reach of NBN access services supplied from the non-listed (interim) POIs, which will simplify the necessary data collection and reporting.

Table 7 provides as at the end of the calendar quarter the count of TC-4 AVCs on a national basis by Access Seeker Group by metropolitan/regional designation.

For the purposes of this Table, an AVC that is supplied on a Satellite Access Service will be designated as 'regional'. For other Network Access Services, an AVC that is supplied on a Network Access Service that is connected to a Listed POI is to be designated as 'metropolitan', 'outer metropolitan' or 'regional' as per the table provided in "Listed Points of Interconnection – NBN Corporation", published by the ACCC on 2 November 2012.

Otherwise, the AVC is designated simply as 'non-Listed POI' – this is because a NBN access service supplied from a non-listed POI could be supplied to a metropolitan, outer metropolitan or regional area, and hence they cannot be easily attributed to one or other area. That said, fewer services will attract this designation over time as services migrate to the listed POIs.