



Productivity Commission Inquiry

**TELECOMMUNICATIONS
UNIVERSAL SERVICE OBLIGATION**

Victorian Farmers Federation Submission

July 2016

The Victorian Farmers Federation

The Victorian Farmers Federation (VFF), Australia's largest state farmer organisation and only recognised consistent voice on issues affecting rural Victoria, welcomes the opportunity to comment on the telecommunications USO.

Victoria is home to 25 per cent of the nation's farms. They attract neither government export subsidies nor tariff support. Despite farming on only three per cent of Australia's available agricultural land, Victorians produce 30 per cent of the nation's agricultural product. The VFF represents the interests of our State's dairy, livestock, grains, horticulture, flowers, chicken meat, pigs and egg producers.

The VFF consists of a nine person Board of Directors, with seven elected members and two appointed directors, a member representative General Council to set policy and eight commodity groups representing dairy, grains, livestock, horticulture, chicken meat, pigs, flowers and egg industries.

Farmers are elected by their peers to direct each of the commodity groups and are supported by Melbourne-based staff.

Each VFF member is represented locally by one of the 230 VFF branches across the state and through their commodity representatives at local, district, state and national levels. The VFF also represents farmers' views on hundreds of industry and government forums.

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Introduction

USO – a stagnant agreement in a rapidly evolving market

USO reform is crucial to the growth of Australian Agriculture and development of rural communities.

Without reform the USO will become increasingly irrelevant. And all Australian's will have potentially wasted almost \$6 billion on a 20-year contract to maintain increasingly redundant payphones and copper network.

Australians' landline usage is on the decline as they turn to their mobiles or mobile devices for voice and broadband connectivity, as evidenced by ACMA and ACCC research.

It makes no sense to retain the status quo in a rapidly evolving telecommunications environment. We need a new USO that has the flexibility to adapt to changing technologies and usage trends.

While NBN offers internet connectivity through landlines, fixed wireless and the SkyMuster satellites, it does not offer voice or broadband connectivity beyond the home or office.

Farmers need broadband connectivity beyond the home, given their office is often a tractor cab, dairy, ute or paddock.

Delivering a wider broadband footprint through innovative technologies that extend the NBN's coverage on the farm and investing more in mobile connectivity, voice and broadband, are key themes of this submission.

In summary the VFF is calling for:

1. The USO to be based on a technology-independent voice and data service standard, rather than just a standard telephone service delivered through the copper network.
2. The USO standard to be reviewed every two years.
3. Renegotiation of the \$253 million a year Standard Telephone Service USO contract with Telstra, to ensure savings from rural customers opting out of the copper network are re-directed into extending the NBN's or Mobile Network's broadband footprint to the whole farm.
4. Renegotiation of the USO contract to divert the bulk of the \$44 million a year currently spent on maintaining Telstra payphones into the Mobile Black Spot program and extend the NBN footprint.

5. Extension of the broadband footprint to the farm workplace, by:
 - Investing USO funds in extending the area and capacity of the mobile broadband network
 - Investing in new technologies that extend the NBN's fixed wireless and SkyMuster satellite coverage beyond the home.
 - Establishing an R+D Fund to support new or niche technologies and infrastructure providers that will extend the footprint and capacity of broadband connectivity.
6. Resource and allow the NBN to provide carrier-to-carrier products that could include satellite backhaul, terrestrial backhaul for mobile carriers, and options to support new and niche infrastructure providers.
7. Launch an ACCC Inquiry into domestic mobile inter-carrier roaming to:
 - Promote competition in markets for listed services (i.e. carriage services, and services provided by means of carriage services);
 - Achieve any-to-any connectivity in relation to carriage services that involve communication between end-users;
 - Encourage the economically efficient use of, and the economically efficient investment in, the infrastructure by which telecommunications services are supplied (end the duplication of towers).

Bridging the urban-rural divide

Broadband connectivity offers farmers and their communities the opportunity to bridge the ever widening rural-urban divide. Rural communities already face higher costs of living and poorer quality infrastructure and services, from the closure of local bank branches to GP shortages and a lack of educational opportunities.

Adequate and appropriate telecommunication connectivity is essential for the efficient operation of farm businesses, innovation and on-farm productivity gains. Connectivity is also vital to attract and retain people in rural communities; for formal education at primary, secondary and tertiary levels, as well as informal training and skill development; the delivery of health services, on-farm safety; and social connectivity in an often stressful and isolated environments.

Farming families are keenly aware of the opportunities broadband connectivity offers to bridge the gap. However surveys conducted by the Victorian Farmers Federation, AgForce and NSW Farmers Association have identified ongoing frustration among farmers trying to exploit the opportunities greater connectivity offers.

In May 2015, the Victorian Farmers Federation conducted a survey into the adequacy and quality of internet and mobile phone services in rural Victoria, resulting in 533 detailed responses. The results of this survey illustrated the detrimental impact that poor internet and mobile services are having on those living and working on farms and within rural communities in Victoria.

Respondents had significant concerns regarding cost, capacity and competition of internet and mobile services. The digital divide between rural and metropolitan communities in a business, education, social, health and safety context was also evident. It is clear that improving internet capacity, reliability and affordability will significantly improve the lives of Victorians living and working on farm and in rural areas.

Full survey and list of responses attached as Appendix 1

Impacts of Poor Connectivity

Business

The majority of survey respondents commented on how a lack of adequate internet access and mobile phone coverage is impeding their ability to operate and grow their businesses. Many farms are under pressure to remain viable and profitable, whilst simultaneously being faced with the challenge to produce more with less. Technological advancements and the collection, use and sharing of data may hold

the key to improving productivity and risk minimisation for many farm businesses. The extent of these gains will be determined by the ability to get access to appropriate network service.

“Slow connection speeds are restricting growth of the farm business – there [are] things we’d like to be doing online regarding banking, investment, marketing and research and we are at a competitive disadvantage [because] the slow speeds mean we drop out and just can’t do things others with better speed can.”

“Some days I have no access at all [to internet]. This makes running my business very difficult seeing I rely on internet banking and a cloud based accounting software package. If I have a day where there is no internet service or it is so slow that the server times out, I cannot pay bills or do my book keeping.”

“How can you run a business in this day and age with snails pace! We have to do our banking after 11pm at night, otherwise can’t do it. Mobile phone reception, we have to go out to the back paddock to send text messages.”

On-farm Productivity

“We have a farm business that covers several sites. We can only get tower internet from one site. The others can only receive mobile phone internet which is slow and unreliable. We have alarms and computer systems that rely on internet to alert us to animal feeding and emergencies. The internet affects how well we can respond to these alarms. We could also stop having a person on call 24hrs if we had reliable internet.”

“We were wanting to put a cow tracking system into the dairy, but it would be a waste of money at the minute (with unreliable internet) if it is only going to work a couple of days a week.”

Education

Respondents expressed that the lack of adequate internet service restricted their ability to access online learning resources. This affects primary and secondary children, who increasingly rely on the internet to complete their studies, as well as tertiary and higher education online training.

Additionally, farmers expressed that the lack of internet access on farm limited their ability to research new farming technology and innovation, and their ability to use the internet to up-skill.

"I have a daughter in year 11, and she has had to go to school with her homework incomplete because of lack of service."

"With three teenage children in the house, internet is vital to our lives. We all need it for learning, homework, pleasure and business."

"Our children require internet access to complete school work. This is impossible, as they are unable to connect to the school website to work on assignment and puts them at a significant disadvantage to their peers...coupled with a 3+ hour journey to/from school each day, it seems more than a little unfair!"

Health & Safety

Many farm businesses are particularly concerned about the OH&S implications of having poor or no mobile coverage. Many respondents live and work in black spot areas and are unable to make phone calls in an accident or emergency. This is of particular concern given that farm businesses are an unavoidably accident prone environment.

"Without reliable and reasonable connectivity agricultural businesses and progress is severely limited...our issues include...OH&S on farm; accident and emergency contact ability on farm; future access to medical advice and diagnosis in rural areas..."

"We need better mobile phone coverage to make the area safer and bring us up to the standard of 3rd world countries"

"Our business is increasingly being impeded by the further reduced speed and service of mobile coverage and internet...basic safety issues are now of great concern."

Social

Respondents commented on the social implications of being unable to access adequate internet service and mobile reception. Many rural populations, which are already characterised by isolation, are feeling further segregated because of the inability to easily maintain peer-to-peer contact via the internet.

"We feel we are being left behind in business and socially due to our poor internet service! I don't watch movies because it is too unreliable and would take [our entire] download."

"We would love to be able to download movies, use a 'Smart' TV, allow our university kids to watch their lectures and download notes when visiting home and Skype relatives, but our data does not allow for this. We fear that NBN is fully rolled out- we, the 2% not covered will not have the data to keep up with technological communications and increased data requirements of the future"

"If we had faster download speeds we could access books, films and other entertainment that we at present have to drive 5 hours to access in Melbourne."

Following significant consultation with our members, the VFF has concerns regarding the cost, competition, coverage and capacity of current telecommunications standards. The VFF seeks to ensure that internet and mobile service standards;

- Allow farm business to operate efficiently, and without comparative disadvantage to those in metropolitan areas or overseas. This includes the ability to use cloud-based software, and have broadband access on their mobile devices and at home;
- Allow farmers and students to conduct research and complete their homework, and for people to up-skill and complete online based training;
- Give rural communities access to social media and networks to ensure people are not discouraged from living or working in rural communities; and
- Allow for the adoption of future digital agricultural advancements.

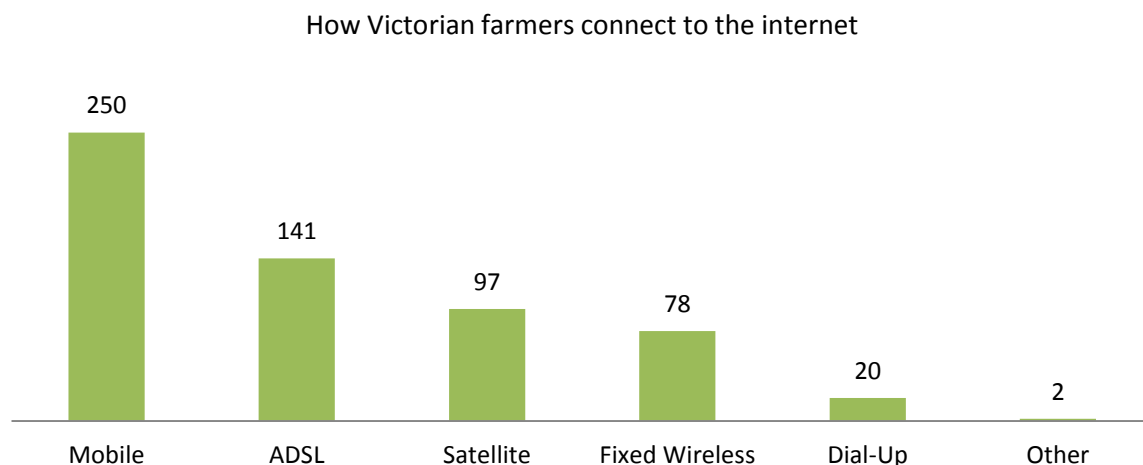
Agriculture's Digital Revolution

Demand for greater mobile connectivity

Landline usage has been on the decline for the last decade, a fact that raises serious questions as to why in 2011 the Federal Government signed a 20-year contract that locks the community into paying Telstra \$253m to maintain a Standard Telephone Service (STS) and \$44m to maintain an increasingly redundant payphone network.

Australians are disconnecting from landlines and demanding greater connectivity for their mobile devices (ACMA 2015 – Australians' Digital Lives).

Results from the VFF's 2015 member survey highlight the demand for on-the-go connectivity, with a clear preference towards mobile internet.



The frustration for farmers is that while the Federal Government's investment in the NBN will give them greater broadband access in the home or office, it does nothing to improve their connectivity whilst on the move.

The Australian Farm Institute's report on The Implications of Digital Agriculture and Big Data for Australian Agriculture 2016, summarises the growth of digital agriculture as follows:

"The development of farming machinery and digital technology that is able to generate objective information about the status of soil, water, crops, pasture and animals is quickly changing the way in which farm businesses can be managed in Australia. The emergence of digital agriculture, and the potential this creates for the application of big data analytics in agriculture, signals the initial stage of a fundamental change away from the skill-based farm

management systems that have prevailed until present times towards a more industrialised model of agriculture where decisions are based to a greater degree on objective data.

The earliest stages of this change occurred in the row and broadacre cropping sectors in the early 1990s with the development of global positioning system (GPS) guidance systems, which were then augmented with autosteer technology and grain harvester yield monitors. Subsequent developments included seeder and fertiliser applicators with the capacity to vary application rates within a field. More recently, software applications and cloud data storage facilities have enabled the resulting data to be captured, stored and manipulated, and then used in decision-support tools to guide farm management decisions.

Digital agriculture applications have also emerged in the livestock and horticulture sectors, including, for example, electronic livestock identification systems, genomics, automated milking systems, automated livestock weighing platforms, telemetric irrigation and water management systems, remote sensing technologies, and instruments for the automated collection of weather and climatic information.

The use of digital agriculture systems to implement more intensive and data-driven farm management decisions enables farmers to economically change from paddock and herd average management, to square metre and individual animal management, with reported subsequent increases in farm productivity. While the extent of productivity gains vary across different agricultural production systems robust analyses report gains of the order of 10% to 15% in cropping systems, with about half the gains coming from input efficiencies, and the other half from increases in output. The deployment of digital agriculture systems in livestock industries is generally less advanced, and therefore estimates of possible productivity benefits – while significant – are yet to be properly validated.”

Robotics, remote sensing and drones

Trials are already underway in Australia on auto-steer tractors and sprayers in both broadacre cropping systems and horticulture. Rice Research Australia has already successfully run trials with the Hatachi Corporation and Japanese machine manufacturer Yanmar with driverless tractors in NSW Riverina. The Australian Centre for Field Robotics at the University of Sydney is trialling robotic systems on vegetable properties in NSW, in the hope of cutting labor costs. And drone technology is increasingly being used to gather field data and even monitor livestock.

However as AFI reported: “As agriculture becomes more exposed to “Big Data” the number and size of files being uploaded and downloaded from farm machinery platforms will increase dramatically.”

Submissions to the recent Federal Parliamentary inquiry into Agricultural Innovation (Standing Committee on Agriculture & Industry) highlighted the reliance of these new technologies on reliable mobile broadband connectivity.

Queensland machinery supplier Vanderfield’s submission (79) *The Role Of Technology In Increasing Agricultural Productivity In Australia* highlights the barriers poor mobile broadband connectivity poses to the adoption of digital agricultural technologies.

“One of the main barriers to adoption of many of the emerging technologies summarised in this submission, is lack of adequate mobile phone coverage in regional areas. The benefits of being able to offer support to farm businesses without being on site is obviously the greatest in geographically remote regions. However, the irony is that these are often the regions that do not have adequate network coverage to deliver technology enabled benefits, such as those discussed in Section 2.3.

With increasing amounts of data being both downloaded from and uploaded to farm machinery and other platforms, internet speed will also be a limitation to efficiency of agricultural practices. Many innovative primary producers that are adopting the solutions discussed in Section 2.3 are limited by internet line speed capabilities, even though their farms may have good network coverage. A key point for agricultural users of internet, is that Upload speed is as important, or more important than Download speed. Timeliness in Upload of large Setup Files to machinery, or transferring high volumes of farm spatial data to supply chain partners is often more critical than data download.”

Those technologies include:

- *Remote Diagnostics and Machine Support (labor saving)*
- *Data Downloads From Farm Machinery*
 - *Operating speeds (eg. Operating at too high speed)*
 - *Fuel consumption information (eg. High fuel use due to manner of operation)*
 - *Software updates (GPS guidance files, Planter setups, Fertiliser and pesticide file setups)*
 - *Remotely providing commands to farm machinery*
- *Production data downloads*
 - *Rates of seed, fertiliser & pesticides applied*
- *Crop yields and volumes being harvested*

- *Weather conditions during operations (eg correct wind/temperature when spraying)*

Machine to Machine technology

In its 2013 report *Mobile nation, The economic and social impacts of mobile technology*, Deloitte Access Economics highlighted the potential value of machine to machine (M2M) technology, which allows different pieces of equipment to 'talk to each other' without human guidance.

Deloitte highlighted that: "M2M has the potential to increase productivity, avoid unnecessary investments and maintenance costs, and dramatically transform capital-intensive sectors of the economy like mining and utilities".

The VFF already has members utilising their mobiles tapped into telemetry systems to coordinate their irrigation systems on the back of data from soil moisture probes. The feedback from members is overwhelmingly positive, given they are able to build and control their irrigation systems remotely and do not have to manually operate irrigation bays manually in the middle of the night.

A 2009 IBM commissioned Access Economics report into the economic benefits of intelligent technologies in electricity, irrigation, health, transport and broadband communications found that there would be an increase in the net present value of GDP of between \$35 billion and \$80 billion over the first ten years, depending on the amount of spare capacity in the economy.

In the field of irrigation Access found: "Adopting smart systems through the irrigation areas of the Murray-Darling Basin will reduce water use by 15%; increase the NPV of GDP by \$420-670 million over ten years; and create 800 jobs".

USO reform

USO reform is crucial to the growth of Australian Agriculture and development of rural communities.

Without reform the USO will become increasingly irrelevant. And all Australian's will have potentially wasted almost \$6 billion on a 20-year contract to maintain increasingly redundant payphones and copper network.

Australians' landline usage is on the decline as they turn to their mobiles or mobile devices for voice and broadband connectivity, as evidenced in by ACMA and ACCC research. It makes no sense to retain the status quo in a rapidly evolving telecommunications environment. We need a new USO that has the flexibility to adapt to ever changing technologies and usage.

There is a major shortfall in Australia's telecommunications' investment strategy. As it stands the bulk of our public investment is directed towards the USO and NBN, which are both focussed on delivering voice and broadband services to the home or business. Yet farmers need broadband connectivity beyond the home, given their offices are tractor cabs, wool sheds, dairies, utes and paddocks.

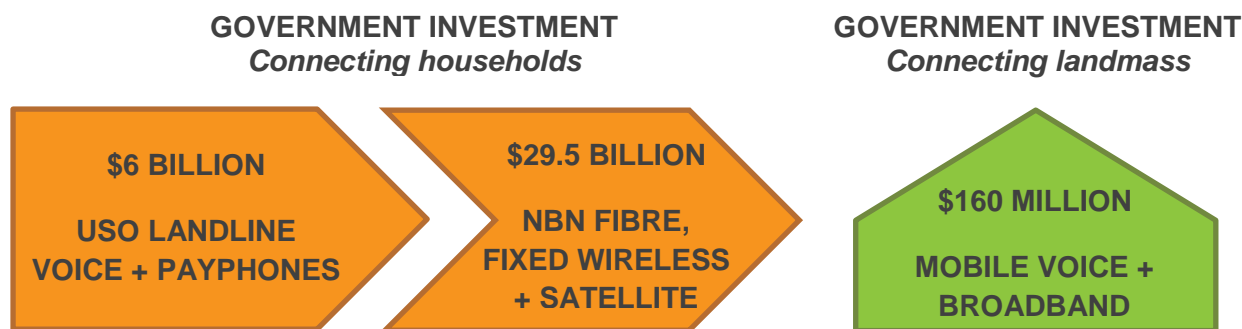
Almost \$6 billion has been committed to the USO payphone and the copper maintenance contracts with Telstra, with another \$29.5 billion committed to the NBN. However none of these investments extend the nation's broadband footprint beyond the home.

If Australian farmers are to realise the productivity gains of digital agriculture they need a greater public investment in extending and building the capacity of the broadband footprint. That extension can occur through innovative technologies that extend their home-based NBN coverage or through expanding the greater mobile networks footprint and capacity.

VFF members are increasingly frustrated to see an average of just \$60m a year invested in the Mobile Black Spot Program, while billions of dollars are commitments to the USO and NBN.

The VFF recognises Australian governments face significant constraints on their finances. However the opportunity exists to unbundle the current 20-year USO contracts with Telstra and re-direct a share of that funding to extending the mobile networks' footprint and its capacity, as well as exploring technologies that can feed off the NBN fixed wireless system

Adding further weight to this argument is the mounting evidence that mobile technology is the fastest growing sector in the nation, with urban and rural Australians using mobiles and mobile devices as their main means of connecting to the Internet and for voice services.



USO Standard Telephone Service

1. The USO to be based on a technology-independent voice and data service standard, rather than just a standard telephone service delivered through the copper network.

A USO based on an annual investment of \$297m in landline and payphone networks fails to recognise that ultimately rural consumers are shifting to mobile voice calls and broadband connectivity.

The mobile is replacing the landline as the preferred means of voice communications. As the Productivity Commission's issues paper outlines, the demand for fixed-line services is declining, with monthly voice-calls on landlines declining from 90 billion minutes in 2005 to less than 20 billion minutes in 2015. Over the same period mobile voice-calls rose from less than 20 billion minutes to about 50 billion minutes.

The rapid growth in broadband demand and delivery technologies have made the current USO irrelevant. In fact many Australians are asking themselves why the Federal Government signed a 20-year contract in 2011 that locks the community into paying Telstra \$253m to maintain a Standard Telephone Service (STS) and \$44m to maintain an increasingly redundant payphone network.

As the 2015 Regional Telecommunications Independent Review Committee recommended (Recommendation 8): *"Current consumer safeguards as they relate to the STS are increasingly irrelevant. The Australian Government, in consultation with industry and consumer groups, should develop a new Consumer Communication Standard for voice and data which sets technology neutral standards in terms of availability, accessibility, affordability, performance and reliability"*.

The Review highlighted examples from other countries where consumer safeguards are focused on a data standard, rather than the delivery technology.

In Finland, for example, since its amendment in October 2009 the Finnish Communications Market Act mandates that all permanent residences and places of business must be able to access communications services, including a reasonably

priced broadband service with minimum speeds. Universal service is defined as technology- independent, meaning that broadband may be fixed line or wireless. Operators are designated by the Finnish Communications Regulatory Authority to ensure that this obligation is met in all areas. This revised USO increases the guaranteed downstream internet speed from the previous 30–50 Kbps to 1 Mbps. However, the Finnish program aims to achieve a universal 100 Mbps broadband service by the end of 2015.

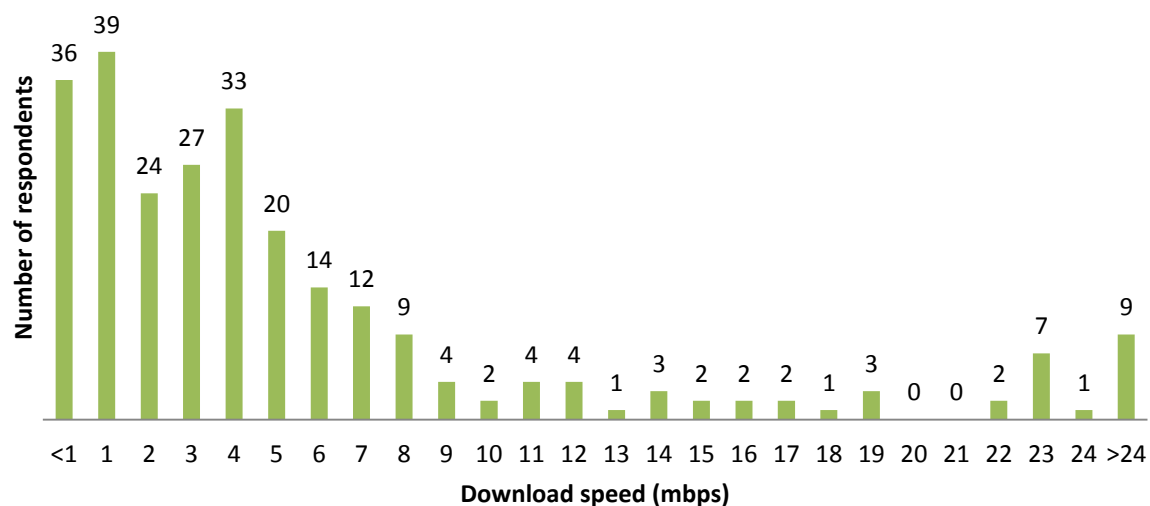
Defined data standard

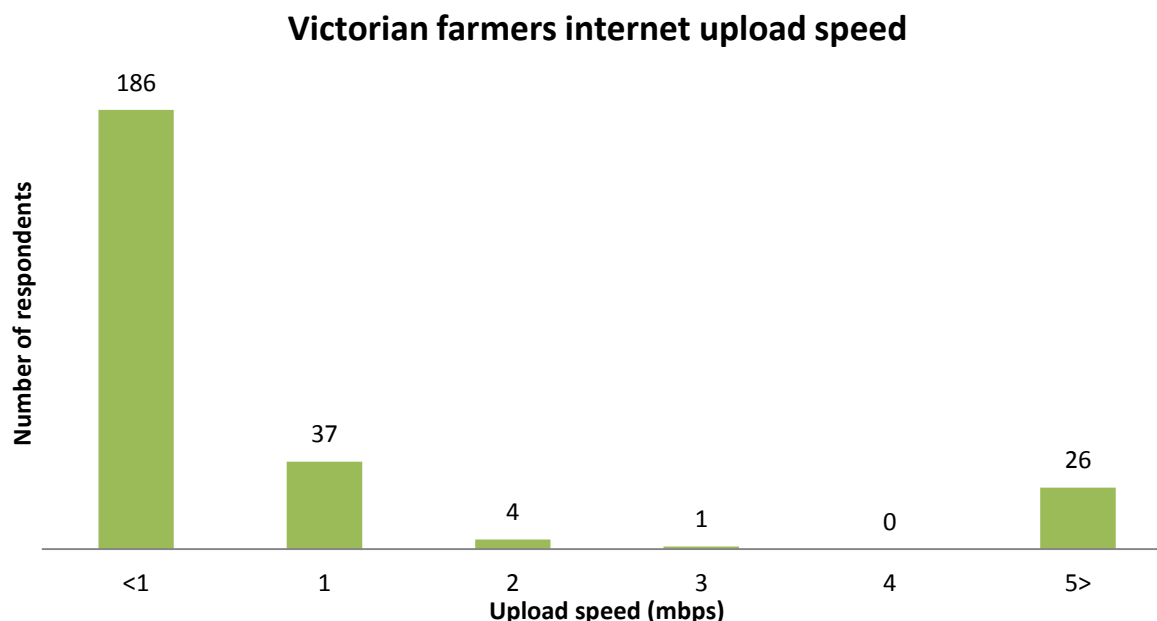
The question remains: Should the USO be extended to a deliver a defined data standard?

In April 1999 the then Government amended the USO to deliver a digital service of 64kbps to all Australians.

Then VFF's own 2015 survey of 533 farmers included a link asking participants to test their download and upload speeds. The download speed results showed that the average Victorian farmers' internet download speed at 6 mbps is one tenth of the average speed in metropolitan Melbourne.

Victorian farmers internet download speed





This yawning gap between urban and rural communities needs to be narrowed.

A new standard needs to be developed in consultation with rural communities and the telecommunications industry, which is revised on a regular basis.

2. The USO standard to be reviewed every two years.

The VFF is calling for the USO to be extended to a truly technology-independent voice and data service standard that is regularly reviewed to keep pace with advances in technology and demand. Given the rate of growth in demand for greater connectivity and new technologies, the VFF believes reviewing the USO every two years would create the flexibility needed to deliver a responsive and effective standard.

Ensuring the USO is regularly reviewed and is not technology dependent allows for the adoption of the latest, most cost-effective delivery technologies in response to the ever changing telecommunications market.

Technology independence

3. Renegotiate the \$253 million a year Standard Telephone Service USO contract with Telstra to ensure savings from rural customers opting out of the copper network are re-directed into extending the NBN's or Mobile Network's broadband footprint to the whole farm.

Renegotiating the current USO gives rural consumers the opportunity to opt out of the copper network, delivering potential savings on line maintenance and renewals.

VFF members have already stated they would be willing to disconnect from the copper network, if they had a reliable mobile network. Opportunities may also exist for them to tap into voice services through the NBN network.

The fact that 29 per cent of adults surveyed by ACMA have already disconnected their landlines has already been highlighted in the Productivity Commission's discussion paper (ACMA Communication Report 2014-2015).

The VFF believes the landline USO should be regularly reviewed and restructured to allow funds to be redirected to other voice and broadband delivery technologies.

4. Renegotiate the USO contract to divert the bulk of the \$44 million a year currently spent on maintaining Telstra payphones into the Mobile Black Spot program and technologies that extend the NBN footprint.

ACMA's 2014-15 Communications Report s show 68 per cent of Telstra's 17,511 payphones are in urban areas. Given urban communities are already highly connected it seems ridiculous to continue allocating \$44 million per annum until the year 2032: "to supply, install and maintain public payphones and supply payphone carriage services so that payphones are reasonably accessible to all people in Australia on an equitable basis".

ACMA's report shows an ongoing decline in the number of payphones and the number of calls. Ask most Australians when they last used a pay phone and they'd struggle to recall. In fact there's probably a whole generation that's never used one.

The VFF believes the Telstra payphones in urban areas can be removed and the consequent savings directed with into the Mobile Black Spot program and technologies that extend the NBN footprint to the whole farm.

Currently, the construction of a mobile telephone tower is conservatively estimated to be \$500,000. By redirecting the \$44 million from payphones into mobile telephone towers and additional 88 towers could be constructed across the country.

Extend the broadband footprint

5. Extend the broadband footprint to the farm workplace, by:

- **Investing USO funds in extending the area and capacity of the mobile broadband network;**
 - **Investing in new technologies that extend the NBN's fixed wireless and SkyMuster satellite coverage beyond the home;**
 - **Establishing an R+D Fund to support new or niche technologies and infrastructure providers that will extend the footprint and capacity of broadband connectivity.**
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The VFF is also calling for the broadband footprint to be extended through innovative technologies that extend the NBN's coverage on the farm and investing more in mobile connectivity, voice and broadband.

"I am not in an NBN area, I can't get an upgrade to my satellite because all funds previously set aside for isolated connections [have] been re-directed to the NBN, my best/sometimes only option is to use my mobile phone, while using my phone service antenna, and pay high rates. [I] feel like a second class citizen because I work and live in an unpopulated area."

The 2015 Regional Telecommunications Review noted that the "cost of backhaul was also nominated as the main constraint by carriers wanting to extend mobile coverage in regional Australia."

The VFF believes the current constraints on the NBN need to be lifted to allow greater voice and mobile broadband competition and coverage in rural and regional Australia.

6. Resource and allow the NBN to provide carrier-to-carrier products that could include satellite backhaul, terrestrial backhaul for mobile carriers, and options to support new and niche infrastructure providers.

The VFF fully supports the 2015 Regional Telecommunications Review recommendation 7:

"The Australian Government should leverage its investment in the NBN by enabling NBN Co to make better use of its infrastructure in regional Australia. NBN Co should be permitted, and resourced, to provide carrier-to-carrier products that could include satellite backhaul, terrestrial backhaul for mobile carriers, and options to support new and niche infrastructure providers."

The VFF supports the review's conclusion that opportunities do exist for NBN Co to leverage its satellite and fixed wireless infrastructure in regional Australia:

- By engaging with state and local governments and related stakeholders who wish to co-invest and optimise to get the right total infrastructure plan for their area;
- Partnering with carriers which want to use new towers or other facilities and extend their coverage footprint (recognising that this requires sufficient time to adjust planning and provisioning on both sides);
- Developing carrier-to-carrier wholesale products such as backhaul from their own infrastructure as a separate business line;
- Supporting new entrants such as those offering new services such as IoT over upgraded narrowband networks.

Mobile inter-carrier roaming

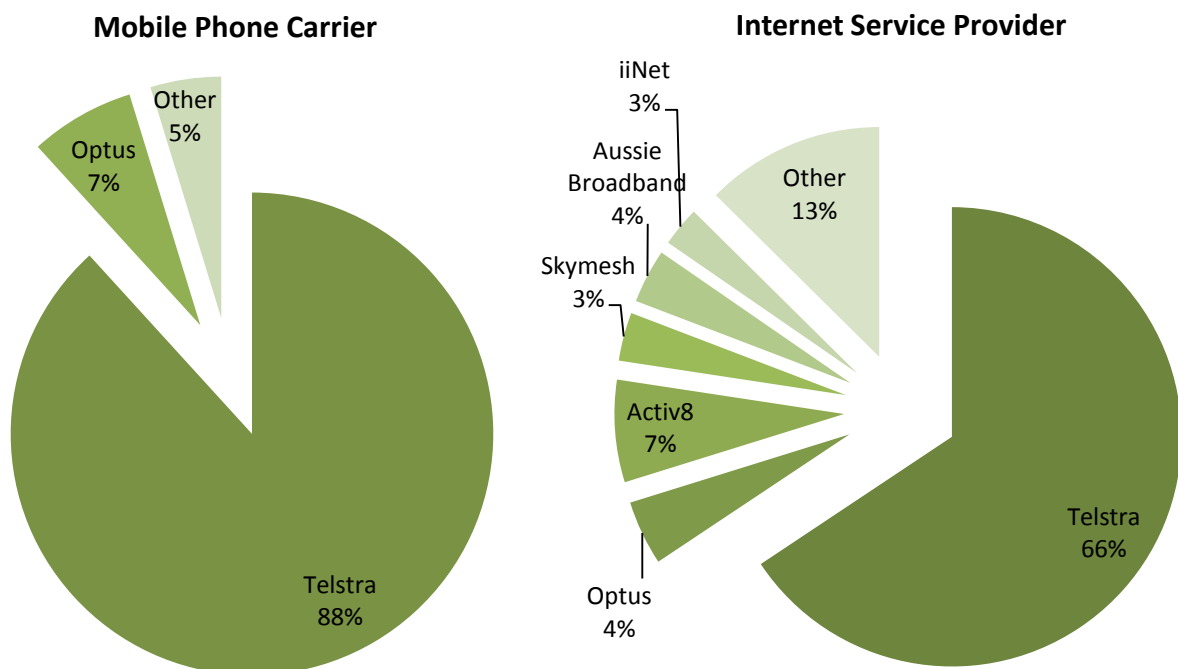
7. Launch and ACCC Inquiry into domestic mobile inter-carrier roaming to:

- Promote competition in markets for listed services (i.e. carriage services, and services provided by means of carriage services);
- Achieve any-to-any connectivity in relation to carriage services that involve communication between end-users;
- Encourage the economically efficient use of, and the economically efficient investment in, the infrastructure by which telecommunications services are supplied (end the duplication of towers).

The VFF calls for an end to the duplication of mobile tower construction and delivery of greater competition and coverage by having the ACCC 'declare' mobile inter-carrier roaming services in rural and regional Australia.

Telstra's network monopoly now covers 56% of the geographic coverage area of mobile networks in Australia. In many rural areas, it is only viable to deploy a single mobile network. This lack of competition has led to farmers paying higher prices and the VFF suspects not being offered bundled (mobile + Internet) packages.

The results from the VFF survey clearly indicate that Telstra holds a provider monopoly for both internet and mobile phone services. Respondents commented that the lack of competition resulted in high costs, little product choice and a lack of incentive for the carrier to respond promptly and sufficiently to complaints.



Many respondents also noted that the lack of competition meant that services were expensive, particularly in comparison to metropolitan areas where there are greater levels of competition.

“We currently can only access 27GB and it costs \$130 per month. For the same price in Melbourne we would get 500GB. Trying to run our businesses from here is almost impossible – we have 40 employees and all accounts/wages are done via the internet. We run out of bandwidth every month and we are very careful in the way we use it (no watching movies or downloads of games etc.). It is simply not adequate or equitable.”

In the ACCC’s own March 2015 Telecommunications Report, the ACCC commented (at page 9):

“...competition between MNOs and their networks has been more pronounced in high density areas (such as metropolitan centres) than it has been in less densely populated regional, rural and remote areas. In these areas, duplicating mobile networks is unlikely to be efficient and infrastructure-based competition may not be feasible.”

The *Smart Farming: Inquiry into agricultural innovation report*, tabled by the House of Representatives Agricultural and Industry Committee in Federal Parliament recently recommended the following:

“The Committee recommends that the Australian Government, in consultation with industry stakeholders, investigate incentives for mobile network operators to provide roaming services in rural and remote areas.”

Speaking to other SFOs and NFF it’s clear that incentives don’t work. In fact the NFF is already hearing that the major carriers are not offering other telcos wholesale access to towers built under the Mobile Blackspot Program (using taxpayers’ money).

Part XIC of the Competition and Consumer Act (CCA) is the telecommunications-specific access regime, which is intended to promote competition and efficient investment in infrastructure.

The last time the ACCC conducted a review into roaming was in 2004, when it received just three submission from Vodafone, Globalstar and Optus. At that time Vodafone was opposed and the ACCC concluded:

“...the Commission proposes to monitor developments with respect to the provision of domestic inter-carrier roaming services, and may initiate a further inquiry should it receive information indicating that declaration of a 3G domestic inter-carrier roaming service may be appropriate...”

Since then, there has been little public discussion of domestic inter-carrier roaming and Telstra.

Last year's Regional telecommunications Review states:

“Roaming arrangements between operators (at least in areas where only one network was offering coverage) would similarly capture additional traffic and thereby improve the revenue opportunities at any given site. However, the Committee recognises that this may not be welcomed by mobile network operators who have invested in non-urban coverage to enhance their competitive advantage”.

It is clear Telstra is seeking to preserve its regional monopoly (a case in point is Telstra's response to calls by Vodafone to open up Telstra's network in rural and regional areas in 2014).

Telstra has also responded to some of the media the VFF ran on inter-carrier roaming during the third week of the 2016 Federal Election campaign, writing to the VFF to warn that roaming put its investment in rural and regional towers at risk. The VFF believes there is ample opportunity for Telstra to recoup its investment through inter-carrier agreements, as occurs in other nations.

Country	Roaming/sharing agreement
UK	2G/3G/4G: Whole of UK split into 2 zones with reciprocal active sharing with 02 (Telefonica)
Spain	3G reciprocal active sharing on 4,000 regional/remote sites (Orange)
Italy	2G/3G/4G: Consolidation to common grid in areas <35k inhabitants (TIM)
India	2G/3G: Three way JV for world's largest towerco “Indus” + reciprocal 3G national roaming on full footprint (Airtel and Idea), & JV for joint Wifi deployment (Airtel)
Ireland	2G/3G/4G: Passive network and transmission sharing (3)
Greece	2G/3G active sharing (Wind)
Romania	4G Active sharing in rural and regional, plus common grid planning in urban (Orange)
New Zealand	Commercial agreement on full footprint national roaming service and price (2 Degrees)
South Africa	Commercial agreement on full footprint 2G/3G national roaming (Cell C)



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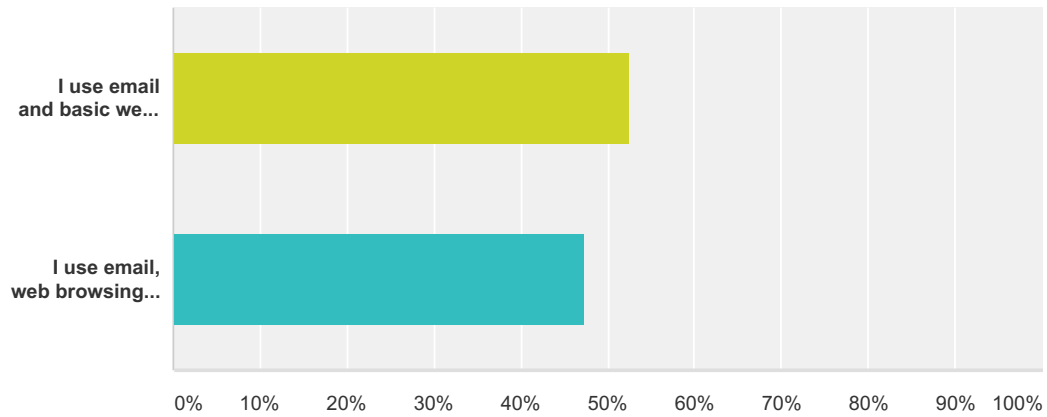
**f 03 9207 5500
w www.vff.org.au**

Appendix 1

VFF Telecommunications Member Survey | May 2015

Q1 What type of internet user are you?

Answered: 494 Skipped: 39

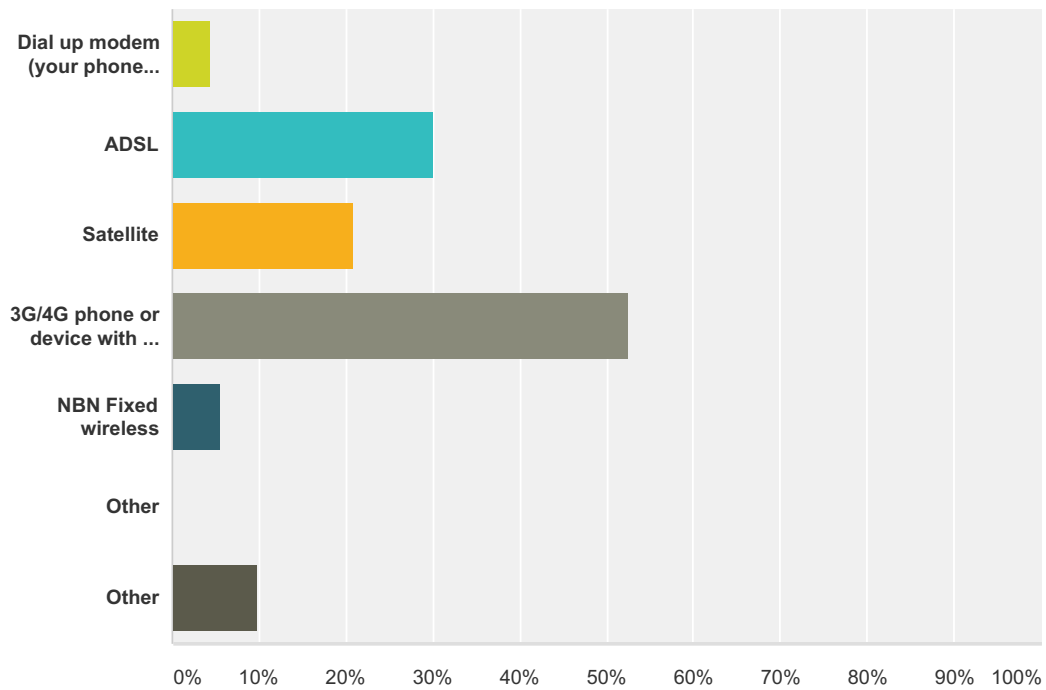


Answer Choices	Responses
I use email and basic web browsing	52.63% 260
I use email, web browsing and often watch videos, download music or films, use video conferencing (such as Skype) or watch webinars	47.37% 234
Total	494

Broadband Survey

Q2 How do you connect to the internet? (tick all that apply)

Answered: 510 Skipped: 23



Answer Choices	Responses
Dial up modem (your phone landline)	4.31% 22
ADSL	30.00% 153
Satellite	20.78% 106
3G/4G phone or device with a sim card	52.55% 268
NBN Fixed wireless	5.69% 29
Other	0.00% 0
Other	9.80% 50
Total Respondents: 510	

#	Other (please specify)	Date
1	Telstra mobile broadband modem	6/2/2015 1:55 PM
2	wireless to modam with antenna	6/1/2015 3:17 PM
3	wireless broadband	5/29/2015 9:10 PM
4	Wireless modem	5/28/2015 7:12 AM
5	wireless device for laptop	5/27/2015 10:53 PM
6	Wireless	5/27/2015 10:12 PM

Broadband Survey

7	Fixd wireless. no NBN service	5/27/2015 10:08 PM
8	WIFI	5/27/2015 10:01 PM
9	4G Wi-Fi	5/27/2015 10:00 PM
10	mobile broadband 25gb	5/27/2015 9:53 PM
11	Wifi - I live 72.6kms from the Melb CBD and do not have ADSL available to me in my location!!!	5/27/2015 9:04 PM
12	Wireless	5/27/2015 8:14 PM
13	Sierra Wireless	5/27/2015 6:42 PM
14	Local ISP fixed wireless, don't know if NBN.	5/27/2015 6:07 PM
15	wireless broadband via a mobile phone tower 20ks away	5/27/2015 5:36 PM
16	W	5/27/2015 4:26 PM
17	Wireless	5/27/2015 3:58 PM
18	Line of sight wireless	5/27/2015 3:19 PM
19	Wireless	5/27/2015 3:02 PM
20	wireless	5/27/2015 2:54 PM
21	Wireless	5/27/2015 2:28 PM
22	Wifi mobile box	5/27/2015 2:24 PM
23	Wireless	5/26/2015 11:40 PM
24	wireless internet with optional antenna on roof	5/25/2015 11:21 AM
25	i have both as satellite doesnt work well when its hot and so many users if there is a fire and no connection	5/22/2015 8:56 PM
26	fixed wireless	5/22/2015 5:42 PM
27	NBN Dish on roof	5/20/2015 11:06 PM
28	Standard wireless	5/20/2015 4:14 PM
29	Wireless Broadband	5/19/2015 3:28 PM
30	Wirelss broadband to a PC	5/16/2015 10:42 PM
31	3G Mobile Broadband	5/16/2015 9:06 PM
32	wireless with local provider	5/15/2015 9:46 PM
33	Wireless	5/15/2015 6:29 PM
34	mobile broadband device	5/15/2015 4:11 PM
35	3G mobile broadband wifi	5/15/2015 3:59 PM
36	Wifi	5/14/2015 5:37 PM
37	non NBN fixed wireless	5/14/2015 11:45 AM
38	Wireless	5/14/2015 11:23 AM
39	Radio	5/13/2015 10:00 PM
40	BDSL and Cable	5/13/2015 8:08 PM
41	4G no sim card	5/13/2015 5:45 PM
42	telstra wireless	5/13/2015 9:29 AM
43	3G Wireless broadband with external antenna	5/12/2015 10:27 PM
44	Wi-Fi modem	5/11/2015 6:08 PM

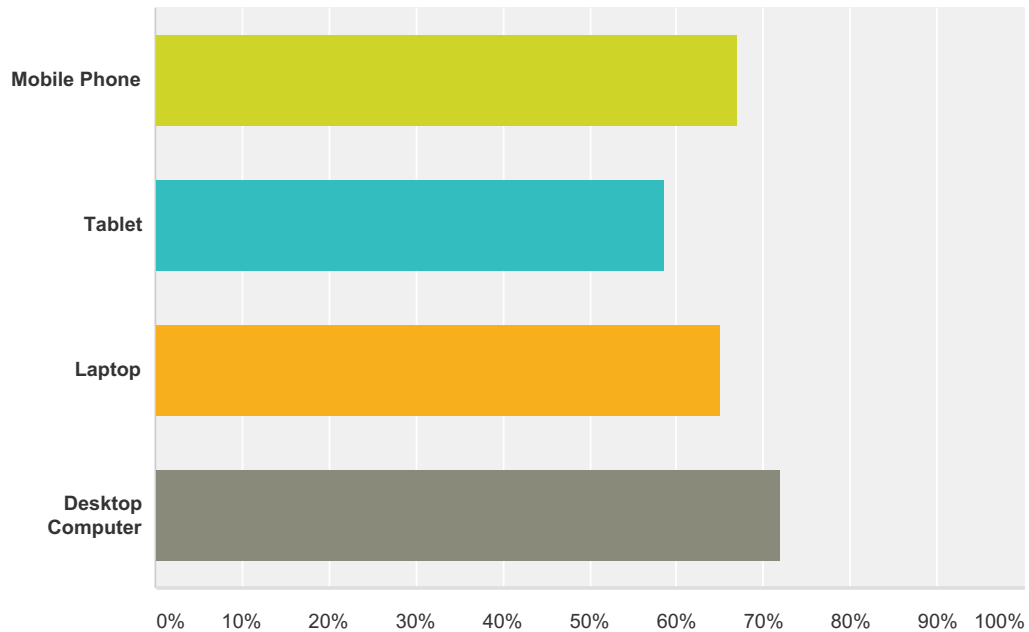
Broadband Survey

45	wireless	5/11/2015 5:49 PM
46	Wireless	5/10/2015 9:23 PM
47	Wireless	5/10/2015 2:54 PM
48	We need an external aerial to access reception. For mobile phones we have a Telstra booster.	5/9/2015 9:39 PM
49	phone hot spot to computer	5/9/2015 1:34 PM
50	Mobile Wireless	5/9/2015 11:11 AM
51	wifi modem	5/9/2015 9:48 AM
52	neighbourhood cable	5/9/2015 8:44 AM
53	wireless modem	5/8/2015 11:22 PM
54	microwave link	5/8/2015 7:12 PM
55	Pre-paid wireless	5/8/2015 4:48 PM
56	telstra wireless	5/8/2015 4:46 PM
57	Wifi	5/8/2015 12:23 PM
58	Wireless	5/8/2015 11:57 AM
59	Wireless broadband	5/8/2015 11:32 AM
60	wireless bigpond	5/8/2015 1:54 AM
61	3G fixed wireless	5/8/2015 12:45 AM
62	I'm not sure, they are never helpful at explaining	5/7/2015 11:47 PM
63	Satellite on farm and mobile network away from farm (no mobile connectivity on farm)	5/7/2015 11:20 PM
64	Wireless . Telstra	5/7/2015 9:03 PM
65	Fixed Wireless (3G Network)	5/7/2015 8:53 PM
66	wireless broadband	5/7/2015 8:39 PM
67	wireless broadband modem	5/7/2015 6:34 PM
68	3G/4G Wireless router	5/7/2015 4:57 PM
69	wireless not nbn	5/7/2015 3:00 PM
70	wireless	5/7/2015 2:37 PM
71	cable	5/7/2015 2:05 PM
72	local Wife provider	5/7/2015 1:57 PM
73	Wireless - not broadband	5/7/2015 12:31 PM
74	Wireless	5/7/2015 12:16 PM

Broadband Survey

Q3 Which of the following devices do you use to connect to the internet? (tick all that apply)

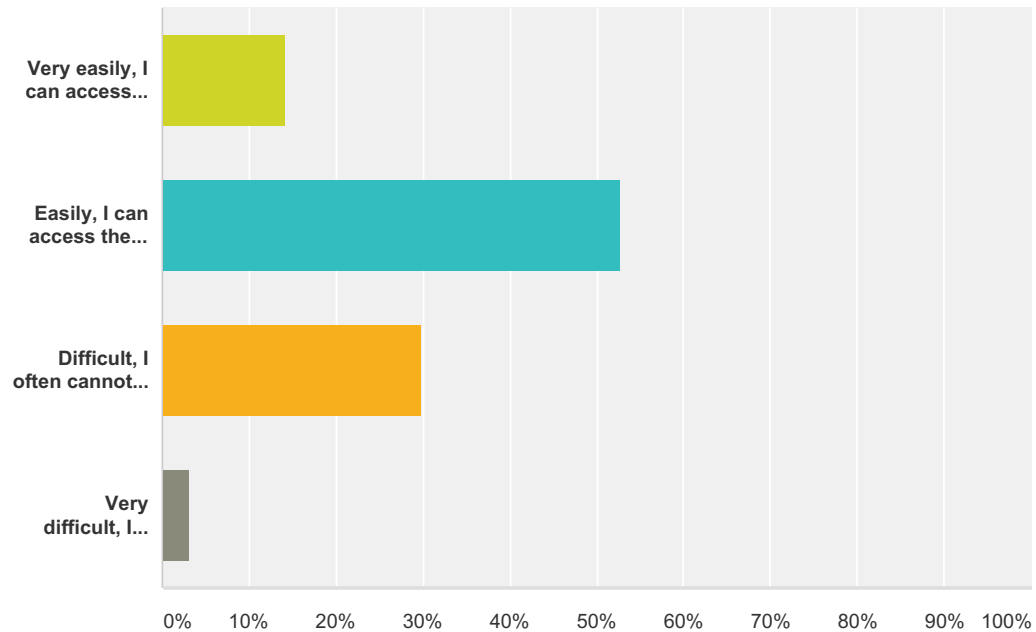
Answered: 523 Skipped: 10



Answer Choices	Responses
Mobile Phone	66.92% 350
Tablet	58.70% 307
Laptop	65.20% 341
Desktop Computer	72.08% 377
Total Respondents: 523	

Q4 How would you rate the ease of connecting to the internet from your device(s) where you live?

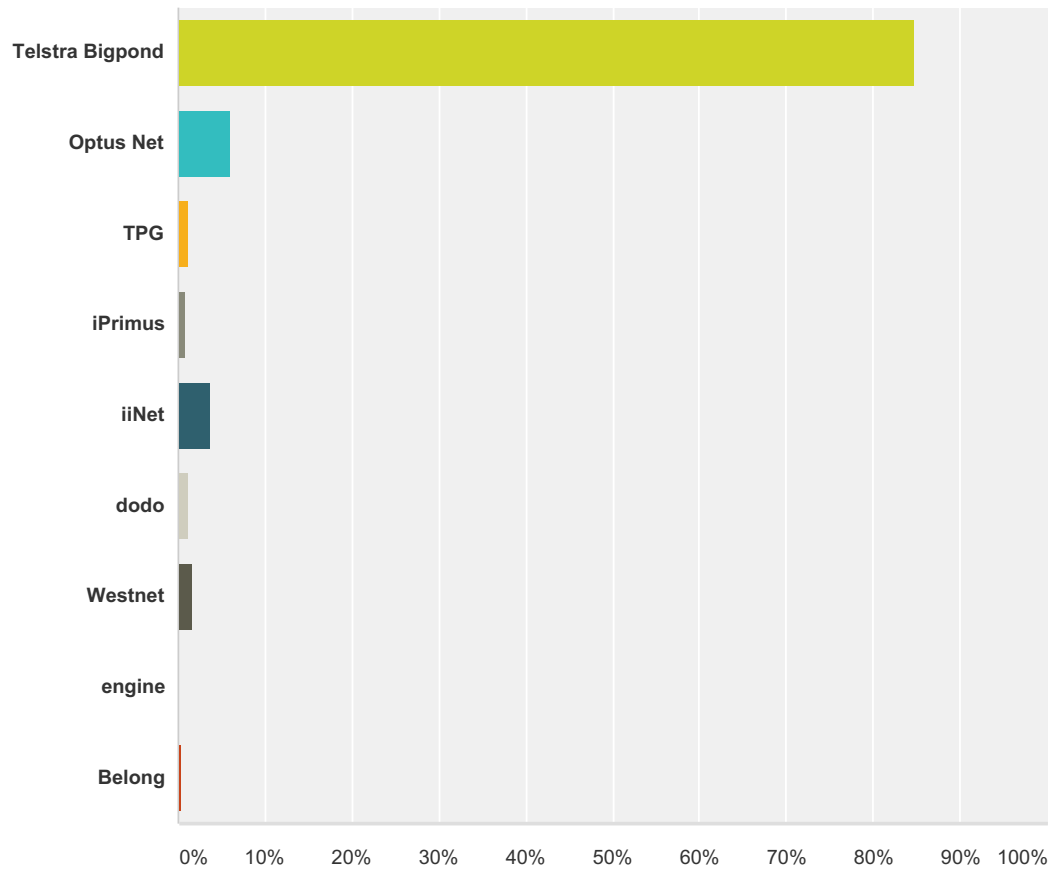
Answered: 520 Skipped: 13



Answer Choices	Responses	
Very easily, I can access internet all the time	14.23%	74
Easily, I can access the internet the majority of the time	52.88%	275
Difficult, I often cannot access the internet	29.81%	155
Very difficult, I can rarely get access to the internet	3.08%	16
Total		520

Q5 Who is your internet service provider?

Answered: 402 Skipped: 131



Answer Choices	Responses
Telstra Bigpond	84.83% 341
Optus Net	5.97% 24
TPG	1.24% 5
iPrimus	0.75% 3
iiNet	3.73% 15
dodo	1.24% 5
Westnet	1.74% 7
engine	0.00% 0
Belong	0.50% 2
Total	402

#	Other (please specify)	Date
1	Skymesh	6/23/2015 7:08 PM

Broadband Survey

2	Skymesh	6/18/2015 12:50 PM
3	Activ8	6/18/2015 11:22 AM
4	skymesh	6/15/2015 2:52 PM
5	Activ8me	6/13/2015 9:24 AM
6	activ8	6/9/2015 1:50 PM
7	Aussiebroadband	6/5/2015 8:05 AM
8	bordernet	6/4/2015 10:17 AM
9	Activ8me	6/4/2015 8:28 AM
10	Clearmail	6/1/2015 9:10 PM
11	Harboursat	6/1/2015 5:44 PM
12	Bordernet	6/1/2015 2:58 PM
13	Activ8 Me	6/1/2015 1:36 PM
14	Bendigo Bank Telco which uses Optus	6/1/2015 12:48 PM
15	skymesh	5/30/2015 8:43 PM
16	DCSI	5/30/2015 11:22 AM
17	Skymesh	5/29/2015 7:09 PM
18	activ8	5/28/2015 8:46 PM
19	Activ8	5/28/2015 8:22 PM
20	Bluemaxx	5/28/2015 7:32 PM
21	DCSI	5/28/2015 4:38 PM
22	Telstra Mobile, not bigpond	5/28/2015 12:56 PM
23	Activ8me	5/28/2015 12:23 PM
24	activ8	5/28/2015 11:06 AM
25	active 8	5/28/2015 11:06 AM
26	activ8	5/28/2015 10:25 AM
27	Bordernet	5/28/2015 9:49 AM
28	Dcsi and dragnet	5/28/2015 1:30 AM
29	Telstra Business Essentials	5/27/2015 11:53 PM
30	Skymesh	5/27/2015 11:20 PM
31	bendigo bank telco	5/27/2015 10:55 PM
32	Activ8me	5/27/2015 8:48 PM
33	Aussie Broadband	5/27/2015 7:46 PM
34	aussie broadband	5/27/2015 7:28 PM
35	exetel	5/27/2015 6:24 PM
36	Clearnetworks	5/27/2015 6:11 PM
37	DCSI	5/27/2015 6:07 PM
38	dcsi	5/27/2015 5:26 PM
39	activ8 me	5/27/2015 4:08 PM

Broadband Survey

40	Activ8	5/27/2015 3:36 PM
41	McPherson Media	5/27/2015 3:19 PM
42	activ8	5/27/2015 3:02 PM
43	Aussie Broadband	5/27/2015 3:02 PM
44	Aussie Broadband	5/27/2015 2:33 PM
45	Aussie Broadband	5/27/2015 2:28 PM
46	Aussie broadband	5/27/2015 2:26 PM
47	Wideband Networks	5/27/2015 2:15 PM
48	AUST Private NET (activ8.net.au)	5/27/2015 2:11 PM
49	Dcsi	5/26/2015 11:40 PM
50	SkyMesh	5/26/2015 5:03 PM
51	activ8	5/23/2015 3:17 PM
52	bordernet	5/23/2015 8:41 AM
53	eftel activ8me	5/22/2015 8:56 PM
54	dcsi	5/22/2015 5:42 PM
55	None as such. Conect through my phone hotspot so use phone data	5/22/2015 8:04 AM
56	Activ8me	5/20/2015 11:06 PM
57	hotkey	5/19/2015 12:59 AM
58	I use more than one provider, please note Telstra and Optus and Vodafone for my providers.	5/18/2015 10:11 PM
59	Exetel (Optus 3g reseller)	5/18/2015 6:34 PM
60	Telstra at work; Belong at home	5/18/2015 3:31 PM
61	Bordernet	5/17/2015 11:22 AM
62	Skymesh	5/16/2015 10:27 PM
63	bordrtnet	5/15/2015 10:43 PM
64	DCSI (located in Warragul)	5/15/2015 9:46 PM
65	Activ8me	5/14/2015 10:50 AM
66	Activ8	5/14/2015 12:13 AM
67	Speedweb	5/13/2015 10:00 PM
68	Activ8 me	5/13/2015 9:20 PM
69	activ8	5/13/2015 2:08 PM
70	activ8	5/13/2015 9:42 AM
71	activ8	5/13/2015 9:29 AM
72	activ8	5/13/2015 9:22 AM
73	Activ8	5/12/2015 11:45 PM
74	Skymesh	5/12/2015 11:19 PM
75	Telstra (Business)	5/12/2015 10:27 PM
76	skymesh	5/11/2015 7:15 PM
77	clearmail.com.au	5/10/2015 1:21 PM

Broadband Survey

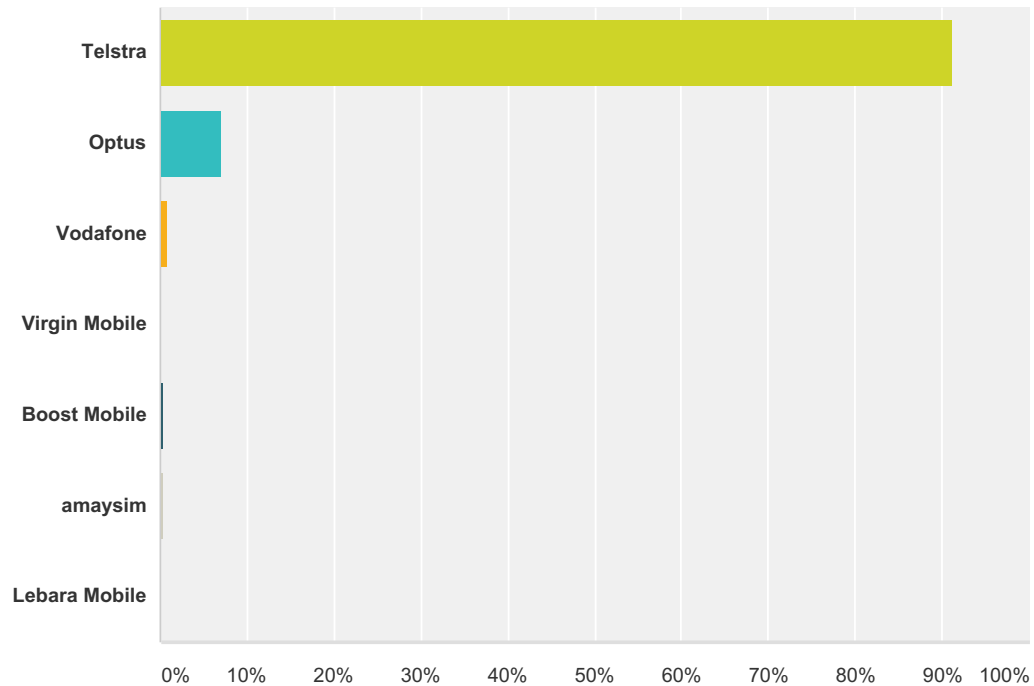
78	Harbourit	5/10/2015 5:53 AM
79	DCSI	5/10/2015 12:21 AM
80	Activ8	5/9/2015 11:39 PM
81	activ8	5/9/2015 6:13 PM
82	active 8	5/9/2015 3:09 PM
83	Aussie Broadband	5/9/2015 7:34 AM
84	skymesh	5/8/2015 11:50 PM
85	Aussie Broadband	5/8/2015 9:25 PM
86	internode	5/8/2015 8:58 PM
87	Megalink	5/8/2015 7:12 PM
88	activ8	5/8/2015 5:12 PM
89	Amaysim	5/8/2015 2:40 PM
90	Antmail	5/8/2015 2:24 PM
91	Aussi broad band	5/8/2015 2:11 PM
92	skymesh	5/8/2015 1:50 PM
93	lpstar	5/8/2015 1:08 PM
94	Skymesh	5/8/2015 12:07 PM
95	Westvic	5/8/2015 11:52 AM
96	Bordnet	5/8/2015 11:49 AM
97	Aussie Broadband	5/8/2015 11:20 AM
98	activ8	5/8/2015 9:23 AM
99	Skymesh	5/8/2015 5:47 AM
100	telstra business	5/8/2015 12:45 AM
101	Aussie Broadband	5/7/2015 11:47 PM
102	ANT (AusNomadTech) Communications	5/7/2015 11:20 PM
103	AUSSIEBROADBAND	5/7/2015 11:15 PM
104	activ8	5/7/2015 10:57 PM
105	Skymesh	5/7/2015 10:38 PM
106	activ8me	5/7/2015 10:05 PM
107	skymesh	5/7/2015 9:44 PM
108	skymesh	5/7/2015 8:54 PM
109	Megalink (Gtelecom now)	5/7/2015 8:53 PM
110	Aussiebroadband	5/7/2015 8:52 PM
111	Activ8	5/7/2015 8:39 PM
112	ant communications	5/7/2015 7:33 PM
113	Aussie broadband	5/7/2015 6:25 PM
114	internode	5/7/2015 4:32 PM
115	Wideband	5/7/2015 3:59 PM

Broadband Survey

116	Activ8	5/7/2015 3:09 PM
117	Harbourit	5/7/2015 3:00 PM
118	ncable	5/7/2015 2:37 PM
119	activ8me	5/7/2015 2:15 PM
120	harboursat	5/7/2015 1:58 PM
121	dcsl	5/7/2015 1:57 PM
122	Aussie Broadband	5/7/2015 1:45 PM
123	Aussie	5/7/2015 1:45 PM
124	activ8	5/7/2015 1:43 PM
125	Bordnet	5/7/2015 1:08 PM
126	Harbour	5/7/2015 1:07 PM
127	BORDERNET	5/7/2015 1:03 PM
128	Border net	5/7/2015 12:59 PM
129	McMedia	5/7/2015 12:58 PM
130	skymesh	5/7/2015 12:53 PM
131	Aussie Broadband	5/7/2015 12:31 PM
132	Activ8me	5/7/2015 12:16 PM
133	Harboursat	5/7/2015 12:16 PM
134	DCSI	5/7/2015 12:16 PM
135	virgin	5/7/2015 12:07 PM
136	Activ8	5/7/2015 12:06 PM
137	Aussie Broadband	5/7/2015 12:06 PM
138	Australian Nomad Technology (ANT) Satellite only provider	5/7/2015 11:46 AM
139	Aussie Broadband	5/7/2015 11:26 AM

Q6 Who is your mobile phone carrier?

Answered: 509 Skipped: 24



Answer Choices	Responses
Telstra	91.16% 464
Optus	7.07% 36
Vodafone	0.79% 4
Virgin Mobile	0.20% 1
Boost Mobile	0.39% 2
amaysim	0.39% 2
Lebara Mobile	0.00% 0
Total	509

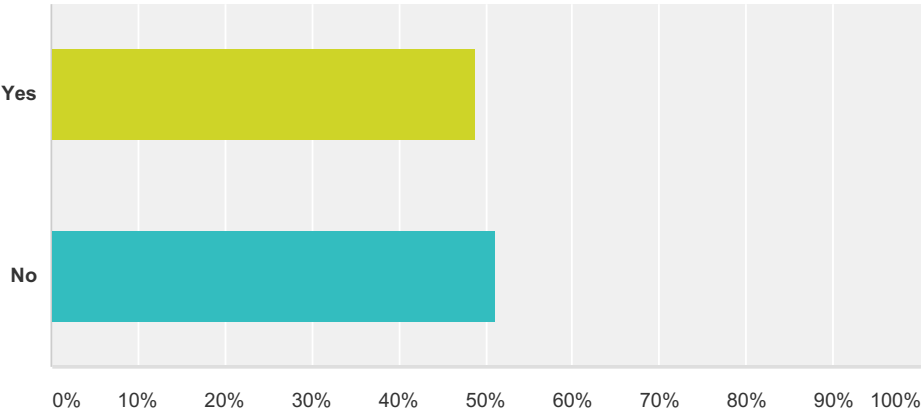
#	Other (please specify)	Date
1	Use both telstra and optus	6/18/2015 2:56 PM
2	TPG	5/28/2015 10:13 AM
3	M2 Commander	5/27/2015 2:11 PM
4	Southern phone	5/27/2015 2:06 PM
5	southern phone	5/9/2015 3:09 PM
6	southern	5/8/2015 2:24 PM
7	no mobile phone due to poor coverage.	5/8/2015 1:50 PM

Broadband Survey

8	Aldi	5/8/2015 5:47 AM
9	Aldi mobile	5/7/2015 10:46 PM
10	southern phone	5/7/2015 9:44 PM
11	ACN (optus)	5/7/2015 8:53 PM
12	Aldi (Telstra network)	5/7/2015 8:39 PM
13	We don't have mobile range where we live.....	5/7/2015 5:08 PM
14	Aldi Mobile	5/7/2015 4:57 PM
15	Commander	5/7/2015 4:32 PM
16	Southern phone	5/7/2015 2:03 PM
17	southern phone	5/7/2015 1:43 PM
18	Southern	5/7/2015 12:16 PM

Q7 Is your internet and landline/mobile phone package bundled?

Answered: 523 Skipped: 10

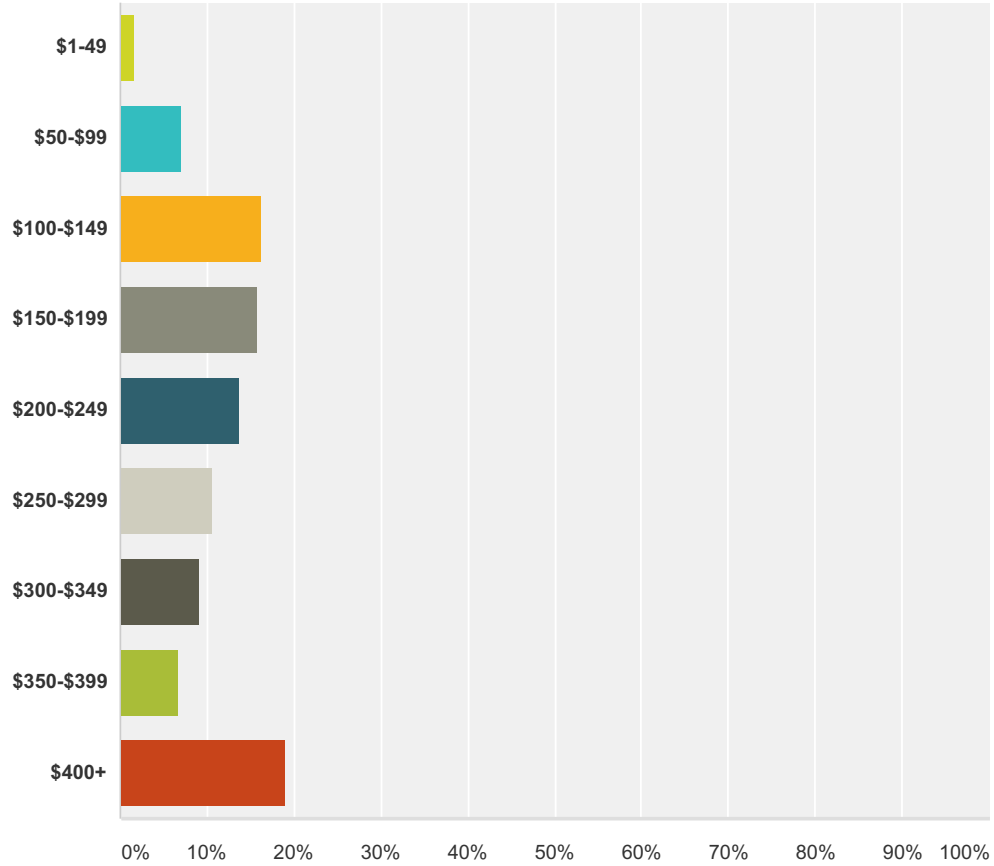


Answer Choices	Responses	
Yes	48.76%	255
No	51.24%	268
Total		523

Broadband Survey

Q8 On a monthly basis, how much do you spend on your bundled internet and phone package?

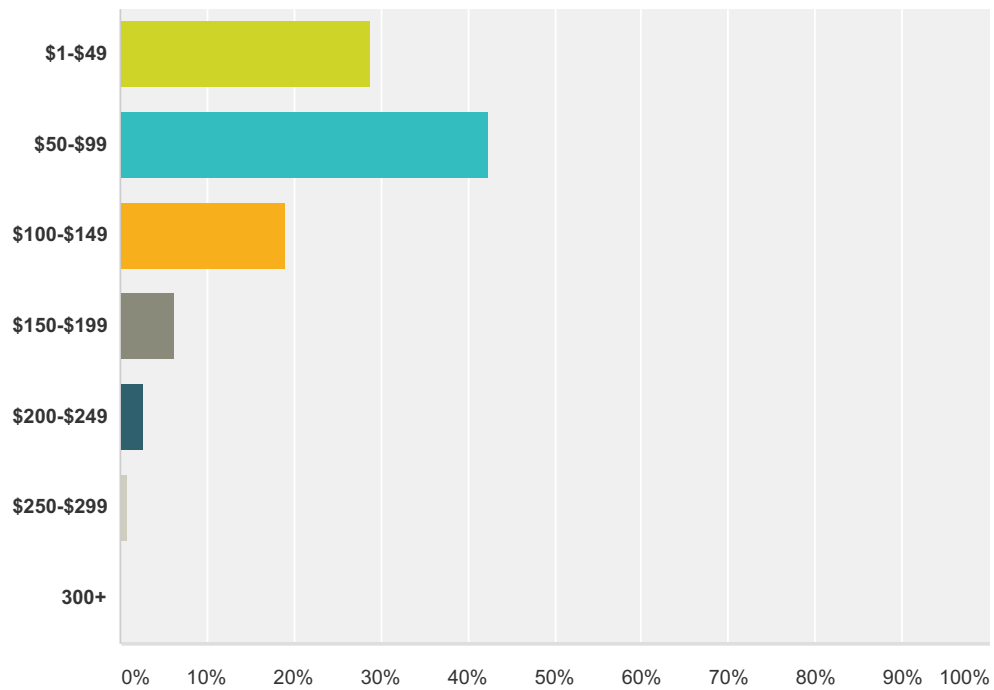
Answered: 253 Skipped: 280



Answer Choices	Responses
\$1-\$49	1.58% 4
\$50-\$99	7.11% 18
\$100-\$149	16.21% 41
\$150-\$199	15.81% 40
\$200-\$249	13.83% 35
\$250-\$299	10.67% 27
\$300-\$349	9.09% 23
\$350-\$399	6.72% 17
\$400+	18.97% 48
Total	253

Q9 On a monthly basis, how much do you spend to connect to the internet?

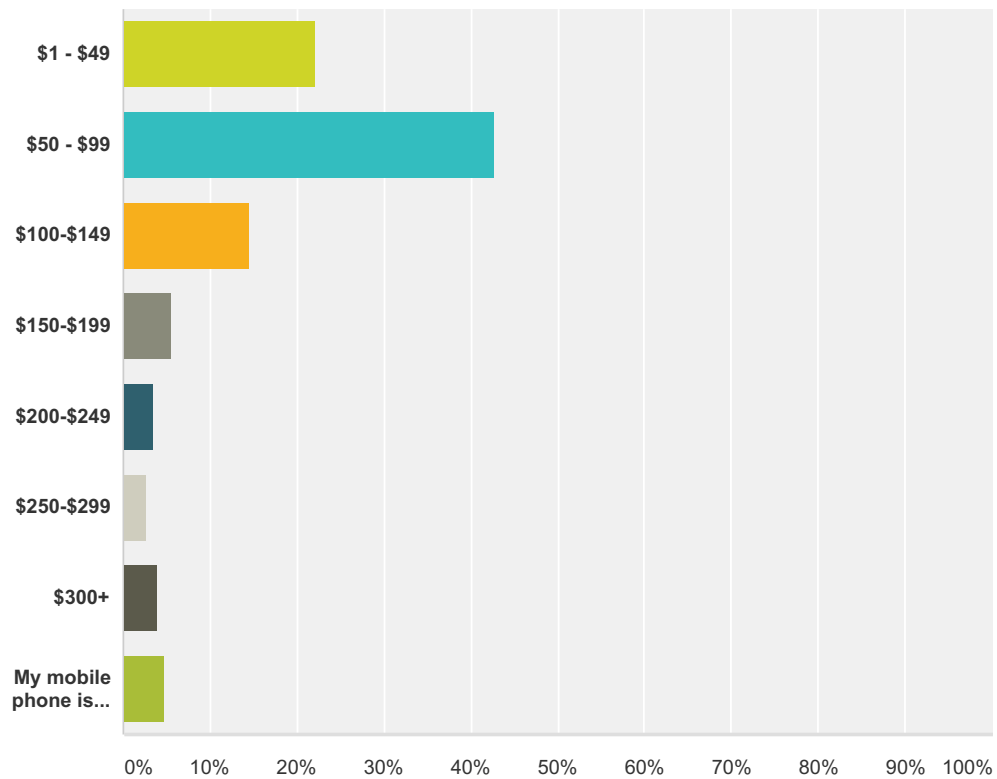
Answered: 226 Skipped: 307



Answer Choices	Responses
\$1-\$49	28.76% 65
\$50-\$99	42.48% 96
\$100-\$149	19.03% 43
\$150-\$199	6.19% 14
\$200-\$249	2.65% 6
\$250-\$299	0.88% 2
300+	0.00% 0
Total	226

Q10 On a monthly basis, how much do you spend on your mobile phone contract?

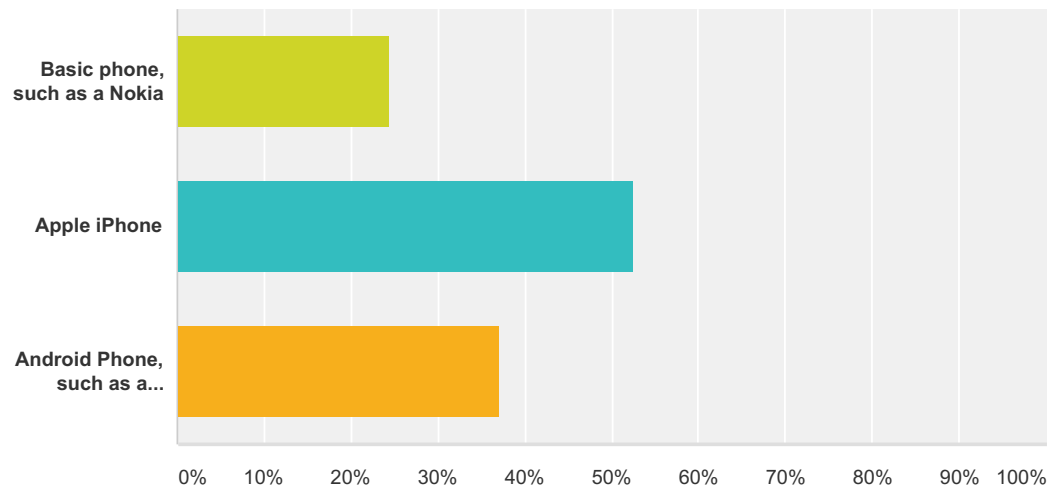
Answered: 227 Skipped: 306



Answer Choices	Responses	
\$1 - \$49	22.03%	50
\$50 - \$99	42.73%	97
\$100-\$149	14.54%	33
\$150-\$199	5.73%	13
\$200-\$249	3.52%	8
\$250-\$299	2.64%	6
\$300+	3.96%	9
My mobile phone is bundled with my internet and/or landline	4.85%	11
Total		227

Q11 What type mobile phone do you use? (tick all that apply)

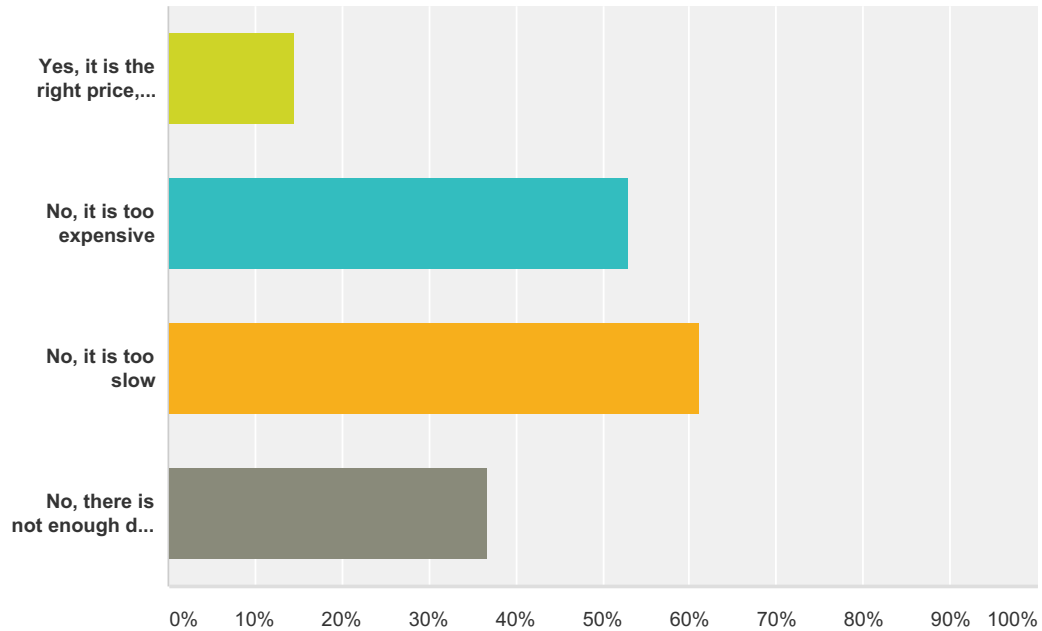
Answered: 433 Skipped: 100



Answer Choices	Responses	
Basic phone, such as a Nokia	24.48%	106
Apple iPhone	52.66%	228
Android Phone, such as a Samsung Galaxy, LG G4	37.18%	161
Total Respondents: 433		

Q12 Do your current internet & phone plans meet your needs and expectations in price, speed and data allowance? (tick all that apply)

Answered: 437 Skipped: 96



Answer Choices	Responses	
Yes, it is the right price, fast enough and includes enough data	14.65%	64
No, it is too expensive	53.09%	232
No, it is too slow	61.10%	267
No, there is not enough data in the plan	36.84%	161
Total Respondents: 437		

Broadband Survey

Q13 By clicking 'BEGIN TEST' at the link below you are able to test your download and upload speed. This speed test should take no longer than 1 minute. Please record the results. www.speedtest.net/

Answered: 330 Skipped: 203

Answer Choices	Responses
What is your download speed?	100.00% 330
What is your upload speed?	96.06% 317

#	What is your download speed?	Date
1	6.19	6/24/2015 4:00 PM
2	2.18	6/23/2015 11:18 PM
3	19.17	6/23/2015 7:11 PM
4	4.18mbps	6/23/2015 12:19 PM
5	6.44	6/20/2015 1:58 PM
6	8.29mbps	6/19/2015 2:42 PM
7	3.35	6/19/2015 1:43 PM
8	3mbs	6/18/2015 6:43 PM
9	Didn't work	6/18/2015 4:00 PM
10	2.08mbps	6/18/2015 3:37 PM
11	1.73	6/18/2015 3:00 PM
12	4.64Mbps	6/18/2015 2:50 PM
13	5.21	6/18/2015 2:31 PM
14	1.25	6/18/2015 2:13 PM
15	5.5Mbps	6/18/2015 1:44 PM
16	5.56	6/18/2015 1:19 PM
17	1.79	6/18/2015 12:57 PM
18	5.49 Mbps	6/18/2015 12:54 PM
19	7.43	6/18/2015 12:47 PM
20	1.8	6/18/2015 12:39 PM
21	13.68	6/18/2015 12:11 PM
22	24.89	6/13/2015 9:27 AM
23	4.65 Mbps	6/12/2015 7:54 PM
24	4.15	6/6/2015 4:38 PM
25	3.38	6/6/2015 2:51 PM
26	3	6/5/2015 8:09 AM

Broadband Survey

27	2.38 Mbps	6/4/2015 3:37 PM
28	1.8	6/4/2015 10:29 AM
29	4.68 mps	6/4/2015 9:24 AM
30	13.96	6/2/2015 8:50 PM
31	7.84 Mbps	6/2/2015 1:59 PM
32	6.83	6/2/2015 8:25 AM
33	143.4kb/s	6/1/2015 10:15 PM
34	5.7	6/1/2015 5:53 PM
35	2.30Mbps	6/1/2015 3:22 PM
36	1.92Mbps	6/1/2015 3:04 PM
37	4.48	6/1/2015 2:23 PM
38	4.75mbps	6/1/2015 1:36 PM
39	.72Mbps	6/1/2015 12:52 PM
40	11.21 mbps	5/31/2015 9:35 PM
41	79	5/31/2015 8:00 PM
42	4.75 Mbps	5/31/2015 3:49 PM
43	3.25mbps	5/30/2015 8:01 PM
44	2.66mps	5/30/2015 6:47 PM
45	2.54	5/30/2015 4:45 PM
46	45seconds	5/30/2015 3:13 PM
47	4.60 mps	5/30/2015 1:54 PM
48	4.74	5/30/2015 12:29 PM
49	14.32	5/30/2015 11:26 AM
50	80 seconds	5/29/2015 11:49 PM
51	1.21mbs	5/29/2015 9:24 PM
52	0.97 Mbps	5/29/2015 5:06 PM
53	8.35	5/29/2015 3:57 PM
54	Would not run - timed out. Usually 0.02 Mb/sec to 1Mb/sec	5/29/2015 9:57 AM
55	1.55	5/29/2015 9:29 AM
56	3.36mbps	5/28/2015 9:38 PM
57	0.49mbps	5/28/2015 8:52 PM
58	1.10Mbps	5/28/2015 7:38 PM
59	0.58 MBPS	5/28/2015 7:28 PM
60	5.8	5/28/2015 4:40 PM
61	4.47mbps	5/28/2015 2:05 PM
62	3.67	5/28/2015 12:59 PM
63	7.19	5/28/2015 12:04 PM
64	8.46mbps	5/28/2015 11:57 AM

Broadband Survey

65	.49mps	5/28/2015 11:29 AM
66	8.32	5/28/2015 11:09 AM
67	1 minute	5/28/2015 11:08 AM
68	4.17	5/28/2015 10:55 AM
69	5.08 Mbps	5/28/2015 10:30 AM
70	0.65 Mbps	5/28/2015 10:17 AM
71	7.54	5/28/2015 10:04 AM
72	1.85 Mbps	5/28/2015 9:57 AM
73	.54	5/28/2015 9:49 AM
74	12.47	5/28/2015 8:49 AM
75	2.94	5/28/2015 1:32 AM
76	3.75	5/28/2015 12:12 AM
77	2.78	5/28/2015 12:05 AM
78	8.97	5/27/2015 11:37 PM
79	5.73mbps	5/27/2015 11:24 PM
80	1.35	5/27/2015 11:17 PM
81	1.45Mbps	5/27/2015 10:47 PM
82	0.67Mbps	5/27/2015 10:40 PM
83	1.3	5/27/2015 10:40 PM
84	0.99Mbps	5/27/2015 10:12 PM
85	2.26	5/27/2015 10:07 PM
86	2.66	5/27/2015 9:54 PM
87	4.02	5/27/2015 9:12 PM
88	1.3 to 4.8	5/27/2015 8:16 PM
89	5.1	5/27/2015 8:05 PM
90	7.08	5/27/2015 8:05 PM
91	N/A have to go to nearby town to get coverage	5/27/2015 7:40 PM
92	5.85Mbps	5/27/2015 6:46 PM
93	1.77	5/27/2015 6:31 PM
94	12.4	5/27/2015 6:13 PM
95	0.19	5/27/2015 5:40 PM
96	1.74	5/27/2015 5:32 PM
97	5.95Mb/s	5/27/2015 5:03 PM
98	16.72	5/27/2015 4:56 PM
99	4.78	5/27/2015 4:31 PM
100	.71mbps	5/27/2015 4:30 PM
101	2.14 mbps	5/27/2015 4:14 PM
102	3.53mb/s	5/27/2015 4:14 PM

Broadband Survey

103	1.91Mbps	5/27/2015 4:11 PM
104	45 seconds	5/27/2015 3:48 PM
105	7.26	5/27/2015 3:40 PM
106	Survey being completed on 4 G in city so not relevant	5/27/2015 3:38 PM
107	3.11	5/27/2015 3:31 PM
108	0.41	5/27/2015 3:30 PM
109	Not sure	5/27/2015 3:25 PM
110	5.70	5/27/2015 3:19 PM
111	11.42	5/27/2015 3:17 PM
112	5.00 Mbps	5/27/2015 3:12 PM
113	6.16 Mbps	5/27/2015 3:11 PM
114	4.05mbps	5/27/2015 3:09 PM
115	7.48Mbps	5/27/2015 3:07 PM
116	4.97	5/27/2015 3:03 PM
117	7.73	5/27/2015 3:02 PM
118	1.65	5/27/2015 2:54 PM
119	4.89	5/27/2015 2:52 PM
120	http://www.speedtest.net/my-result/4388545850	5/27/2015 2:47 PM
121	23.91	5/27/2015 2:40 PM
122	6.28	5/27/2015 2:38 PM
123	4.26 mbps	5/27/2015 2:36 PM
124	46.58	5/27/2015 2:36 PM
125	4.67	5/27/2015 2:28 PM
126	14.00	5/27/2015 2:26 PM
127	.53MBPS	5/27/2015 2:21 PM
128	6.22	5/27/2015 2:21 PM
129	502m	5/27/2015 2:15 PM
130	5.09kbps	5/27/2015 2:15 PM
131	2.67	5/27/2015 2:12 PM
132	dont know	5/27/2015 2:06 PM
133	1.89	5/25/2015 11:24 AM
134	12.14	5/24/2015 11:12 AM
135	35	5/23/2015 8:52 PM
136	9.06	5/23/2015 5:45 PM
137	0.81	5/22/2015 9:01 PM
138	5.67	5/22/2015 6:04 PM
139	0.95 to 2.59	5/22/2015 5:49 PM
140	0.52 Mbps at 7 am. Would be slower when more use on network	5/22/2015 8:10 AM

Broadband Survey

141	6.69mbps	5/21/2015 12:58 PM
142	10 seconds (this after 10pm at night)	5/20/2015 11:18 PM
143	1.52	5/20/2015 4:21 PM
144	3.26	5/20/2015 4:18 PM
145	6.09	5/19/2015 10:08 PM
146	19.16	5/19/2015 3:34 PM
147	14.23	5/19/2015 1:04 AM
148	2.68	5/18/2015 9:19 PM
149	3.09	5/18/2015 6:36 PM
150	2.64	5/18/2015 4:35 PM
151	19.23	5/18/2015 3:33 PM
152	8.29	5/18/2015 2:56 PM
153	severe	5/17/2015 10:10 PM
154	1.65Mbps	5/17/2015 11:27 AM
155	Not currently at home	5/17/2015 2:00 AM
156	100kbs	5/16/2015 11:04 PM
157	1.60Mbps	5/16/2015 10:54 PM
158	5 mps	5/16/2015 9:42 PM
159	24 mbps	5/16/2015 9:15 PM
160	6.42	5/16/2015 8:59 PM
161	16.5 Mbps	5/16/2015 9:47 AM
162	1.83mbps	5/15/2015 10:50 PM
163	7.62	5/15/2015 9:49 PM
164	3.8	5/15/2015 6:44 PM
165	7.28	5/15/2015 6:32 PM
166	0.09	5/15/2015 5:42 PM
167	5.10	5/15/2015 4:01 PM
168	15.91	5/14/2015 5:42 PM
169	3.87	5/14/2015 4:58 PM
170	4.25 Mbps	5/14/2015 3:57 PM
171	2.00MBps	5/14/2015 11:48 AM
172	9.13	5/14/2015 11:33 AM
173	7.47 Mbps	5/14/2015 11:26 AM
174	4.34	5/14/2015 10:51 AM
175	5.36Mbps	5/14/2015 10:12 AM
176	2.69mbps	5/14/2015 9:10 AM
177	10.96	5/14/2015 9:09 AM
178	1.45	5/14/2015 9:08 AM

Broadband Survey

179	0.39Mbps	5/13/2015 11:19 PM
180	7.15	5/13/2015 10:22 PM
181	1.09	5/13/2015 10:16 PM
182	0.01mbps	5/13/2015 10:05 PM
183	2.34	5/13/2015 9:42 PM
184	very slow	5/13/2015 9:26 PM
185	It wouldn't tell me	5/13/2015 6:49 PM
186	2.35	5/13/2015 5:51 PM
187	11.68	5/13/2015 5:11 PM
188	1.6mps	5/13/2015 5:00 PM
189	0.2 Mb	5/13/2015 2:13 PM
190	17.16	5/13/2015 1:53 PM
191	I am at work	5/13/2015 1:39 PM
192	0.07	5/13/2015 9:37 AM
193	2.94Mbps	5/12/2015 11:56 PM
194	0.25 bits per second	5/12/2015 11:30 PM
195	5.55 Mbps	5/12/2015 10:30 PM
196	.29b/s	5/12/2015 9:36 PM
197	2.5	5/12/2015 8:19 PM
198	1.2 Mb/s	5/12/2015 7:03 PM
199	Could not log on	5/11/2015 10:30 PM
200	5.37mbps (often variable)	5/11/2015 9:28 PM
201	1.01	5/11/2015 7:28 PM
202	4.52mbps	5/11/2015 2:12 PM
203	1.28	5/10/2015 7:53 PM
204	could not access	5/10/2015 5:04 PM
205	3 Kb	5/10/2015 3:46 PM
206	3.90Mbps	5/10/2015 3:01 PM
207	1.08 Mbps	5/10/2015 2:19 PM
208	2.50mbps	5/10/2015 1:22 PM
209	4.76	5/10/2015 9:39 AM
210	2.42 Mbps @ 10.00 PM	5/9/2015 11:41 PM
211	2.89 Mbps	5/9/2015 9:58 PM
212	2.63 Mbps	5/9/2015 8:17 PM
213	4.46 Mbps	5/9/2015 3:19 PM
214	3.35	5/9/2015 2:26 PM
215	1.64mpbs	5/9/2015 11:47 AM
216	17.71 mbps	5/9/2015 11:14 AM

Broadband Survey

217	13.02	5/9/2015 8:46 AM
218	not at farm	5/8/2015 11:27 PM
219	5.08Mbps	5/8/2015 9:31 PM
220	,92	5/8/2015 6:36 PM
221	3.3	5/8/2015 6:24 PM
222	0.21 bps	5/8/2015 6:22 PM
223	300kbps	5/8/2015 6:09 PM
224	3.55Mbps	5/8/2015 5:19 PM
225	2.00 mbps	5/8/2015 4:55 PM
226	5.34	5/8/2015 4:49 PM
227	2.68	5/8/2015 3:15 PM
228	2.1 Mbps	5/8/2015 2:26 PM
229	0.50mbps	5/8/2015 1:50 PM
230	15.83	5/8/2015 1:11 PM
231	6mbps	5/8/2015 12:52 PM
232	11.88	5/8/2015 12:31 PM
233	33.95	5/8/2015 12:03 PM
234	9.75	5/8/2015 11:24 AM
235	22.99 Mbps	5/8/2015 11:10 AM
236	NA	5/8/2015 9:44 AM
237	7.07	5/8/2015 9:36 AM
238	19.3	5/8/2015 9:29 AM
239	4.56	5/8/2015 9:27 AM
240	Nil	5/8/2015 9:24 AM
241	4.35	5/8/2015 8:25 AM
242	0.7 mb/s	5/8/2015 1:56 AM
243	4.05Mbps	5/8/2015 12:48 AM
244	0.54	5/7/2015 11:51 PM
245	3.94Mbps	5/7/2015 11:38 PM
246	3.72Mbps	5/7/2015 11:27 PM
247	23.64 Mbps	5/7/2015 11:18 PM
248	4.95mbps	5/7/2015 11:11 PM
249	1.54Mbps	5/7/2015 11:02 PM
250	9.5	5/7/2015 11:01 PM
251	0.79mb	5/7/2015 10:58 PM
252	1.22mbps	5/7/2015 10:51 PM
253	1.18	5/7/2015 10:25 PM
254	1.32	5/7/2015 10:10 PM

Broadband Survey

255	3.62 mbps	5/7/2015 9:54 PM
256	3.56	5/7/2015 9:47 PM
257	18.07	5/7/2015 9:43 PM
258	0.12	5/7/2015 9:13 PM
259	3.38Mbps	5/7/2015 9:07 PM
260	0.13 mbps	5/7/2015 8:57 PM
261	23.75	5/7/2015 8:57 PM
262	23.84	5/7/2015 8:14 PM
263	1.55mbps	5/7/2015 8:14 PM
264	10.37Mbps	5/7/2015 7:31 PM
265	0.79 MB/s	5/7/2015 7:19 PM
266	2.57 MBPS	5/7/2015 6:57 PM
267	6.75	5/7/2015 6:24 PM
268	.34 Mbps	5/7/2015 5:57 PM
269	4.22	5/7/2015 5:56 PM
270	2.53 mbps	5/7/2015 5:18 PM
271	2.39	5/7/2015 5:00 PM
272	5.25 Mbps	5/7/2015 4:59 PM
273	3.72	5/7/2015 4:54 PM
274	1.08Mbps	5/7/2015 4:49 PM
275	2.60mbps	5/7/2015 4:37 PM
276	23.04	5/7/2015 3:59 PM
277	4.1	5/7/2015 3:18 PM
278	5.08	5/7/2015 3:13 PM
279	Unable to access	5/7/2015 3:05 PM
280	4.86	5/7/2015 2:52 PM
281	1.15	5/7/2015 2:39 PM
282	2.84	5/7/2015 2:37 PM
283	4.41	5/7/2015 2:37 PM
284	3.27	5/7/2015 2:28 PM
285	4.14 mbps	5/7/2015 2:21 PM
286	43.48	5/7/2015 2:17 PM
287	2.11mbps	5/7/2015 2:16 PM
288	Stated it contains harmful virus- did not do	5/7/2015 2:13 PM
289	6.98	5/7/2015 2:11 PM
290	31.63mbps	5/7/2015 2:08 PM
291	1.28mbps	5/7/2015 1:57 PM
292	1.31mbps	5/7/2015 1:53 PM

Broadband Survey

293	4.68 this was at midday which is a good time after 6pm is horrid	5/7/2015 1:49 PM
294	22.96	5/7/2015 1:47 PM
295	3.68	5/7/2015 1:43 PM
296	8.88	5/7/2015 1:34 PM
297	couldnt get it to work	5/7/2015 1:31 PM
298	2.28	5/7/2015 1:27 PM
299	8.59	5/7/2015 1:21 PM
300	0.58	5/7/2015 1:19 PM
301	6.48mps	5/7/2015 1:09 PM
302	Timed out	5/7/2015 1:02 PM
303	6.85	5/7/2015 1:01 PM
304	3.35Mbps	5/7/2015 12:56 PM
305	2.80Mbps	5/7/2015 12:55 PM
306	4.74	5/7/2015 12:55 PM
307	2.85	5/7/2015 12:44 PM
308	2.10mbps	5/7/2015 12:38 PM
309	4.49	5/7/2015 12:34 PM
310	8.61	5/7/2015 12:24 PM
311	23.58	5/7/2015 12:22 PM
312	12.59	5/7/2015 12:20 PM
313	1.31 mbps	5/7/2015 12:19 PM
314	Unable to measure - Too slow to work	5/7/2015 12:17 PM
315	4 mbps	5/7/2015 12:10 PM
316	3.43	5/7/2015 12:08 PM
317	6.04 Mbps	5/7/2015 12:07 PM
318	1.89mbps	5/7/2015 12:07 PM
319	did not work	5/7/2015 12:01 PM
320	1.24 mbps	5/7/2015 11:59 AM
321	3.89Mbps	5/7/2015 11:50 AM
322	0.78mbps	5/7/2015 11:48 AM
323	8.79	5/7/2015 11:44 AM
324	1.90	5/7/2015 11:38 AM
325	4.27	5/7/2015 11:35 AM
326	23.99 Mbps	5/7/2015 11:28 AM
327	6.14mbps	5/7/2015 11:18 AM
328	68.37	5/7/2015 9:58 AM
329	55	5/7/2015 9:15 AM
330	65.63	5/7/2015 9:14 AM

Broadband Survey

#	What is your upload speed?	Date
1	.82	6/24/2015 4:00 PM
2	.31	6/23/2015 11:18 PM
3	12.34	6/23/2015 7:11 PM
4	1.76mbps	6/23/2015 12:19 PM
5	0.27	6/20/2015 1:58 PM
6	1.26mbps	6/19/2015 2:42 PM
7	0.28	6/19/2015 1:43 PM
8	.03mbs	6/18/2015 6:43 PM
9	Didn't work	6/18/2015 4:00 PM
10	2.03mbps	6/18/2015 3:37 PM
11	0.34	6/18/2015 3:00 PM
12	2.48Mbps	6/18/2015 2:50 PM
13	1.24	6/18/2015 2:31 PM
14	0.20	6/18/2015 2:13 PM
15	0.37Mbps	6/18/2015 1:44 PM
16	.33	6/18/2015 1:19 PM
17	.31	6/18/2015 12:57 PM
18	0.35 Mbps	6/18/2015 12:54 PM
19	1.48	6/18/2015 12:47 PM
20	0.1	6/18/2015 12:39 PM
21	1.32	6/18/2015 12:11 PM
22	0.2	6/13/2015 9:27 AM
23	0.75Mbps	6/12/2015 7:54 PM
24	.73	6/6/2015 4:38 PM
25	.13	6/6/2015 2:51 PM
26	1.14	6/5/2015 8:09 AM
27	1.37 Mbps	6/4/2015 3:37 PM
28	.39	6/4/2015 10:29 AM
29	0.38mps	6/4/2015 9:24 AM
30	0.85	6/2/2015 8:50 PM
31	1.86 Mbps	6/2/2015 1:59 PM
32	0.32	6/2/2015 8:25 AM
33	9.8kb/s	6/1/2015 10:15 PM
34	0.41	6/1/2015 5:53 PM
35	1.23Mbps	6/1/2015 3:22 PM
36	0.38Mbps	6/1/2015 3:04 PM
37	0.79	6/1/2015 2:23 PM

Broadband Survey

38	.40mbps	6/1/2015 1:36 PM
39	.29Mbps	6/1/2015 12:52 PM
40	0.92 mbps	5/31/2015 9:35 PM
41	1	5/31/2015 8:00 PM
42	0.23 Mbps	5/31/2015 3:49 PM
43	0.24mbps	5/30/2015 8:01 PM
44	0.33mps	5/30/2015 6:47 PM
45	1.19	5/30/2015 4:45 PM
46	.75 mps	5/30/2015 1:54 PM
47	.17	5/30/2015 12:29 PM
48	0.83	5/30/2015 11:26 AM
49	0.12 mbs	5/29/2015 9:24 PM
50	0.33 Mbps	5/29/2015 5:06 PM
51	1.61mpbs	5/29/2015 3:57 PM
52	Not attempted	5/29/2015 9:57 AM
53	0.12	5/29/2015 9:29 AM
54	0.69mbps	5/28/2015 9:38 PM
55	0.20mbps	5/28/2015 8:52 PM
56	0.16Mbps	5/28/2015 7:38 PM
57	0.29MBPS	5/28/2015 7:28 PM
58	0.31	5/28/2015 4:40 PM
59	0.97mbps	5/28/2015 2:05 PM
60	0.26	5/28/2015 12:59 PM
61	1.34	5/28/2015 12:04 PM
62	1.04mbps	5/28/2015 11:57 AM
63	.21mps	5/28/2015 11:29 AM
64	1.29	5/28/2015 11:09 AM
65	same	5/28/2015 11:08 AM
66	.29	5/28/2015 10:55 AM
67	0.38 Mbps	5/28/2015 10:30 AM
68	12.28Mbps	5/28/2015 10:17 AM
69	0.60	5/28/2015 10:04 AM
70	0.39 Mbps	5/28/2015 9:57 AM
71	.22	5/28/2015 9:49 AM
72	54.76	5/28/2015 8:49 AM
73	.512	5/28/2015 1:32 AM
74	.87	5/28/2015 12:12 AM
75	.32	5/28/2015 12:05 AM

Broadband Survey

76	1.09	5/27/2015 11:37 PM
77	0.42mbps	5/27/2015 11:24 PM
78	.27	5/27/2015 11:17 PM
79	.17Mbps	5/27/2015 10:47 PM
80	0.32Mbps	5/27/2015 10:40 PM
81	0.21	5/27/2015 10:40 PM
82	0.18Mbps	5/27/2015 10:12 PM
83	0.14	5/27/2015 10:07 PM
84	0.22	5/27/2015 9:54 PM
85	0.72	5/27/2015 9:12 PM
86	.78	5/27/2015 8:05 PM
87	.77	5/27/2015 8:05 PM
88	N/A have to go to nearby town to get coverage	5/27/2015 7:40 PM
89	.45Mbps	5/27/2015 6:46 PM
90	0.45	5/27/2015 6:31 PM
91	1.8	5/27/2015 6:13 PM
92	0.12	5/27/2015 5:40 PM
93	1.02	5/27/2015 5:32 PM
94	1.37Mb/s	5/27/2015 5:03 PM
95	.8	5/27/2015 4:56 PM
96	0.64	5/27/2015 4:31 PM
97	.83mbps	5/27/2015 4:30 PM
98	.31 mbps	5/27/2015 4:14 PM
99	0.12mb	5/27/2015 4:14 PM
100	.33Mbps	5/27/2015 4:11 PM
101	1.17	5/27/2015 3:40 PM
102	0.03	5/27/2015 3:31 PM
103	0.12	5/27/2015 3:30 PM
104	Not sure	5/27/2015 3:25 PM
105	0.86	5/27/2015 3:19 PM
106	0.97	5/27/2015 3:17 PM
107	.41 Mbps	5/27/2015 3:12 PM
108	0.40 Mbps	5/27/2015 3:11 PM
109	0.18mbps	5/27/2015 3:09 PM
110	1.73Mbps	5/27/2015 3:07 PM
111	.18	5/27/2015 3:03 PM
112	1.53	5/27/2015 3:02 PM
113	0.93	5/27/2015 2:54 PM

Broadband Survey

114	.35	5/27/2015 2:52 PM
115	http://www.speedtest.net/my-result/4388545850	5/27/2015 2:47 PM
116	17.53	5/27/2015 2:40 PM
117	0.29	5/27/2015 2:38 PM
118	0.36mbps	5/27/2015 2:36 PM
119	16.56	5/27/2015 2:36 PM
120	1.17	5/27/2015 2:28 PM
121	7.00	5/27/2015 2:26 PM
122	.18MBPS	5/27/2015 2:21 PM
123	2.54	5/27/2015 2:21 PM
124	0.82m	5/27/2015 2:15 PM
125	1.72kbps	5/27/2015 2:15 PM
126	0.49	5/27/2015 2:12 PM
127	dont know	5/27/2015 2:06 PM
128	2.56	5/25/2015 11:24 AM
129	0.87	5/24/2015 11:12 AM
130	80	5/23/2015 8:52 PM
131	0.47	5/23/2015 5:45 PM
132	0.14	5/22/2015 9:01 PM
133	.79	5/22/2015 6:04 PM
134	0.09 to 0.16	5/22/2015 5:49 PM
135	0.72 Mbps	5/22/2015 8:10 AM
136	.12mbps	5/21/2015 12:58 PM
137	Couldn't Register it	5/20/2015 11:18 PM
138	0.03	5/20/2015 4:21 PM
139	1.73	5/20/2015 4:18 PM
140	2.47	5/19/2015 10:08 PM
141	1.29	5/19/2015 3:34 PM
142	1.62	5/19/2015 1:04 AM
143	.17	5/18/2015 9:19 PM
144	.29	5/18/2015 6:36 PM
145	.48	5/18/2015 4:35 PM
146	0.78	5/18/2015 3:33 PM
147	0.3	5/18/2015 2:56 PM
148	severe	5/17/2015 10:10 PM
149	0.24Mbps	5/17/2015 11:27 AM
150	25kbs	5/16/2015 11:04 PM
151	0.45Mbps	5/16/2015 10:54 PM

Broadband Survey

152	1 mps	5/16/2015 9:42 PM
153	0.06	5/16/2015 9:15 PM
154	0.97	5/16/2015 8:59 PM
155	.87 Mbps	5/16/2015 9:47 AM
156	0.26 mbps	5/15/2015 10:50 PM
157	.97Mbps	5/15/2015 9:49 PM
158	.65	5/15/2015 6:44 PM
159	1.06	5/15/2015 6:32 PM
160	no reading	5/15/2015 5:42 PM
161	2.05	5/15/2015 4:01 PM
162	0.65	5/14/2015 4:58 PM
163	1.70 Mbps	5/14/2015 3:57 PM
164	0.78	5/14/2015 11:48 AM
165	.87	5/14/2015 11:33 AM
166	0.28 Mbps	5/14/2015 11:26 AM
167	0.52	5/14/2015 10:51 AM
168	0.61Mbps	5/14/2015 10:12 AM
169	.54mbps	5/14/2015 9:10 AM
170	082	5/14/2015 9:09 AM
171	9.52	5/14/2015 9:08 AM
172	0.21Mbps	5/13/2015 11:19 PM
173	2.07	5/13/2015 10:22 PM
174	.11	5/13/2015 10:16 PM
175	0.05mbps	5/13/2015 10:05 PM
176	1.72	5/13/2015 9:42 PM
177	very slow	5/13/2015 9:26 PM
178	0.90	5/13/2015 5:51 PM
179	.69	5/13/2015 5:11 PM
180	256kbs	5/13/2015 5:00 PM
181	0.38	5/13/2015 1:53 PM
182	I am at work	5/13/2015 1:39 PM
183	0.08	5/13/2015 9:37 AM
184	0.39Mbps	5/12/2015 11:56 PM
185	1.29 Mbps	5/12/2015 10:30 PM
186	.09b/s	5/12/2015 9:36 PM
187	.32	5/12/2015 8:19 PM
188	.8 Mb/s	5/12/2015 7:03 PM
189	To slow	5/11/2015 10:30 PM

Broadband Survey

190	0.32 mbps (often variable)	5/11/2015 9:28 PM
191	.26	5/11/2015 7:28 PM
192	1.64mbps	5/11/2015 2:12 PM
193	.13	5/10/2015 7:53 PM
194	could not access	5/10/2015 5:04 PM
195	2kb	5/10/2015 3:46 PM
196	Would not work	5/10/2015 3:01 PM
197	.18 Mbps	5/10/2015 2:19 PM
198	0.21mbps	5/10/2015 1:22 PM
199	.66	5/10/2015 9:39 AM
200	0.36 Mbps @ 10.00 PM	5/9/2015 11:41 PM
201	1.18 Mbps	5/9/2015 9:58 PM
202	1.01 Mbps	5/9/2015 8:17 PM
203	1.14	5/9/2015 2:26 PM
204	0.31	5/9/2015 11:47 AM
205	10.79mbps	5/9/2015 11:14 AM
206	1.03	5/9/2015 8:46 AM
207	not at farm	5/8/2015 11:27 PM
208	0.61Mbps	5/8/2015 9:31 PM
209	,17	5/8/2015 6:36 PM
210	.3	5/8/2015 6:24 PM
211	0.26 bps	5/8/2015 6:22 PM
212	290kbps	5/8/2015 6:09 PM
213	.36	5/8/2015 5:19 PM
214	0.31 mbps	5/8/2015 4:55 PM
215	0.23	5/8/2015 4:49 PM
216	.32	5/8/2015 3:15 PM
217	.94 Mbps	5/8/2015 2:26 PM
218	0.13mbps	5/8/2015 1:50 PM
219	0.87	5/8/2015 1:11 PM
220	1mbpa	5/8/2015 12:52 PM
221	.76	5/8/2015 12:31 PM
222	12.01	5/8/2015 12:03 PM
223	11.85	5/8/2015 11:24 AM
224	17.30 Mbps	5/8/2015 11:10 AM
225	NA	5/8/2015 9:44 AM
226	0.87m/b p/sec	5/8/2015 9:36 AM
227	.84	5/8/2015 9:29 AM

Broadband Survey

228	.36	5/8/2015 9:27 AM
229	Nil	5/8/2015 9:24 AM
230	0.7	5/8/2015 8:25 AM
231	0.06 mb/s	5/8/2015 1:56 AM
232	1.53Mbps	5/8/2015 12:48 AM
233	0.12	5/7/2015 11:51 PM
234	0.26Mbps	5/7/2015 11:38 PM
235	0.12Mbps	5/7/2015 11:27 PM
236	13.53 Mbps	5/7/2015 11:18 PM
237	.40mbps	5/7/2015 11:11 PM
238	0.44Mbps	5/7/2015 11:02 PM
239	.73	5/7/2015 11:01 PM
240	it didn't tell me now i have something installed on my computer i didn't want - thanks!	5/7/2015 10:58 PM
241	0.2mbps	5/7/2015 10:51 PM
242	.24	5/7/2015 10:25 PM
243	.17	5/7/2015 10:10 PM
244	1.07 mbps	5/7/2015 9:54 PM
245	0.47	5/7/2015 9:47 PM
246	1.27	5/7/2015 9:43 PM
247	0.01	5/7/2015 9:13 PM
248	0.15Mbps	5/7/2015 9:07 PM
249	0.54 mbps	5/7/2015 8:57 PM
250	13.04	5/7/2015 8:57 PM
251	15.15	5/7/2015 8:14 PM
252	.14mbps	5/7/2015 8:14 PM
253	12.88Mbps	5/7/2015 7:31 PM
254	1.01 MB/S	5/7/2015 7:19 PM
255	13 MBPS	5/7/2015 6:57 PM
256	0.32	5/7/2015 6:24 PM
257	.34 Mbps	5/7/2015 5:57 PM
258	1029	5/7/2015 5:56 PM
259	0.30 mbps	5/7/2015 5:18 PM
260	.74	5/7/2015 5:00 PM
261	0.74 Mbps	5/7/2015 4:59 PM
262	0.27	5/7/2015 4:54 PM
263	.32Mbps	5/7/2015 4:49 PM
264	0.36mbps	5/7/2015 4:37 PM
265	15.05	5/7/2015 3:59 PM

Broadband Survey

266	would not calculate	5/7/2015 3:18 PM
267	.17	5/7/2015 3:13 PM
268	Unable to access as to slow	5/7/2015 3:05 PM
269	1.87	5/7/2015 2:52 PM
270	0.11	5/7/2015 2:39 PM
271	0.31	5/7/2015 2:37 PM
272	.23	5/7/2015 2:37 PM
273	0.72	5/7/2015 2:28 PM
274	.38 mbps	5/7/2015 2:21 PM
275	6.02	5/7/2015 2:17 PM
276	0.36mbps	5/7/2015 2:16 PM
277	.12	5/7/2015 2:11 PM
278	3.87mbps	5/7/2015 2:08 PM
279	0.16	5/7/2015 1:57 PM
280	.21mbps	5/7/2015 1:53 PM
281	0.39	5/7/2015 1:49 PM
282	14.97	5/7/2015 1:47 PM
283	1.25	5/7/2015 1:43 PM
284	0.84	5/7/2015 1:34 PM
285	couldnt get it to work	5/7/2015 1:31 PM
286	0.89	5/7/2015 1:27 PM
287	1.20	5/7/2015 1:21 PM
288	0.09	5/7/2015 1:19 PM
289	0.48mps	5/7/2015 1:09 PM
290	Timed out	5/7/2015 1:02 PM
291	0.31	5/7/2015 1:01 PM
292	0.4Mbps	5/7/2015 12:56 PM
293	0.12Mbps	5/7/2015 12:55 PM
294	9.63	5/7/2015 12:55 PM
295	.35	5/7/2015 12:44 PM
296	.34mbps	5/7/2015 12:38 PM
297	0.96	5/7/2015 12:34 PM
298	0.78	5/7/2015 12:24 PM
299	14.7	5/7/2015 12:22 PM
300	.94	5/7/2015 12:20 PM
301	0.24 mbps	5/7/2015 12:19 PM
302	Unable to measure - Too slow to work	5/7/2015 12:17 PM
303	.2 mbps	5/7/2015 12:10 PM

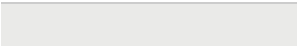
Broadband Survey

304	0.71	5/7/2015 12:08 PM
305	0.20Mbps	5/7/2015 12:07 PM
306	.32mbps	5/7/2015 12:07 PM
307	did not work	5/7/2015 12:01 PM
308	0.33 mbps	5/7/2015 11:59 AM
309	0.29Mbps	5/7/2015 11:50 AM
310	0.5	5/7/2015 11:48 AM
311	9.38	5/7/2015 11:44 AM
312	0.28	5/7/2015 11:38 AM
313	.51	5/7/2015 11:35 AM
314	13.88 Mbps	5/7/2015 11:28 AM
315	0.40mbps	5/7/2015 11:18 AM
316	55	5/7/2015 9:15 AM
317	72.74	5/7/2015 9:14 AM

Q14 Please provide your contact details

Answered: 393 Skipped: 140

Answer Choices	Responses	
Name	98.22%	386
Town	97.96%	385
Postcode	99.24%	390
Email	95.17%	374



Broadband Survey

#	Town	Date
1	Bamawm	6/28/2015 8:39 PM
2	Silvan	6/24/2015 4:00 PM
3	kawarren vic	6/23/2015 11:21 PM
4	Blowhard	6/23/2015 7:13 PM
5	Dimboola	6/23/2015 12:23 PM
6	Hopetoun	6/20/2015 1:59 PM
7	Lake Goldsmith	6/19/2015 2:43 PM
8	Cohuna	6/19/2015 1:44 PM
9	Horsham	6/18/2015 4:02 PM
10	Beaufort	6/18/2015 3:38 PM
11	Litchfield	6/18/2015 3:02 PM
12	Douglas	6/18/2015 2:52 PM
13	MANANGATANG	6/18/2015 2:33 PM
14	STANHOPE	6/18/2015 2:16 PM
15	Tallangatta valley	6/18/2015 1:55 PM
16	Iraak	6/18/2015 1:20 PM
17	Quambatook	6/18/2015 1:07 PM
18	Myrree	6/18/2015 12:55 PM
19	Geeling	6/18/2015 12:48 PM
20	Woomelang	6/18/2015 12:41 PM

Broadband Survey

21	Donald	6/13/2015 9:30 AM
22	Boort	6/12/2015 7:54 PM
23	Woolsthorpe	6/10/2015 5:03 PM
24	Cape schanck	6/6/2015 4:40 PM
25	Tatura	6/6/2015 2:53 PM
26	Bairnsdale	6/5/2015 8:09 AM
27	Warrenbayne	6/4/2015 3:42 PM
28	McKenzie Creek	6/4/2015 12:37 PM
29	Kalpienung	6/4/2015 10:32 AM
30	Skipton	6/4/2015 9:37 AM
31	PENGUIN TASMANIA	6/2/2015 8:51 PM
32	Bowmans Forest	6/2/2015 2:04 PM
33	Briagolong	6/2/2015 8:32 AM
34	Rochester	6/1/2015 10:18 PM
35	Manangatang	6/1/2015 6:02 PM
36	Goornong	6/1/2015 3:24 PM
37	Patchewollock	6/1/2015 3:05 PM
38	Berriwillock	6/1/2015 2:29 PM
39	Stoneleigh	6/1/2015 1:37 PM
40	Rupanyup	6/1/2015 12:55 PM
41	NHILL VIC.	5/31/2015 9:43 PM
42	starnaud	5/31/2015 8:04 PM
43	Indigo Valley	5/31/2015 3:49 PM
44	robinvale	5/31/2015 6:14 AM
45	Won Wron	5/30/2015 8:06 PM
46	Hooley	5/30/2015 6:49 PM
47	Boolite	5/30/2015 4:46 PM
48	Wallington	5/30/2015 1:56 PM
49	Barnawartha	5/30/2015 12:30 PM
50	Meeniyan	5/30/2015 11:28 AM
51	Tatura	5/29/2015 11:52 PM
52	Durham Ox	5/29/2015 9:58 PM
53	Indigo Valley	5/29/2015 9:36 PM
54	Toongabbie	5/29/2015 5:10 PM
55	goroke	5/29/2015 3:58 PM
56	Yinnar	5/29/2015 10:13 AM
57	Wickliffe	5/29/2015 10:12 AM
58	TARWIN LOWER	5/29/2015 9:31 AM

Broadband Survey

59	Stockyard Hill	5/28/2015 9:38 PM
60	Wilkur	5/28/2015 8:57 PM
61	Gooroc	5/28/2015 7:40 PM
62	Goomalibee	5/28/2015 7:32 PM
63	Warragul South	5/28/2015 4:41 PM
64	meerlieu	5/28/2015 2:07 PM
65	Yarck	5/28/2015 1:06 PM
66	Moriac	5/28/2015 12:37 PM
67	Shady Creek	5/28/2015 12:14 PM
68	Kooloonong	5/28/2015 11:58 AM
69	Beulah	5/28/2015 11:30 AM
70	Kyabram	5/28/2015 11:17 AM
71	St.Arnaud	5/28/2015 11:11 AM
72	Yarck	5/28/2015 11:00 AM
73	Glenalbyn	5/28/2015 10:37 AM
74	Dromana	5/28/2015 10:19 AM
75	Beulah	5/28/2015 10:05 AM
76	Kerang	5/28/2015 10:00 AM
77	Cobrico	5/28/2015 9:58 AM
78	Murra warra	5/28/2015 9:30 AM
79	Mitre	5/28/2015 8:52 AM
80	wycheproof	5/28/2015 8:28 AM
81	KYABRAM	5/28/2015 7:19 AM
82	Seville	5/28/2015 1:34 AM
83	King Valley	5/28/2015 1:11 AM
84	Penshurst	5/28/2015 12:14 AM
85	Cudgewa	5/28/2015 12:08 AM
86	Kanyapella	5/27/2015 11:42 PM
87	Swifts Creek	5/27/2015 11:28 PM
88	Nhill	5/27/2015 11:22 PM
89	minyip	5/27/2015 11:03 PM
90	Dingee	5/27/2015 10:50 PM
91	beulah	5/27/2015 10:42 PM
92	a	5/27/2015 10:42 PM
93	Bete Bolong	5/27/2015 10:17 PM
94	Pyramid Hill	5/27/2015 10:10 PM
95	Quambatook	5/27/2015 10:09 PM
96	tarwin lower	5/27/2015 10:05 PM

Broadband Survey

97	DROMANA	5/27/2015 9:16 PM
98	Poowong	5/27/2015 8:53 PM
99	Boort	5/27/2015 8:30 PM
100	BRIM	5/27/2015 8:22 PM
101	Traralgon	5/27/2015 8:07 PM
102	Katunga	5/27/2015 8:06 PM
103	Mia Mia	5/27/2015 7:43 PM
104	woodside	5/27/2015 7:38 PM
105	Melbourne	5/27/2015 6:55 PM
106	Newstead	5/27/2015 6:48 PM
107	Swifts Creek	5/27/2015 6:41 PM
108	burdett	5/27/2015 6:33 PM
109	Ellinbank	5/27/2015 6:16 PM
110	Indigo Valley	5/27/2015 5:43 PM
111	Trafalgar	5/27/2015 5:36 PM
112	Mockinya	5/27/2015 5:04 PM
113	Rushworth	5/27/2015 4:59 PM
114	wilson hill	5/27/2015 4:32 PM
115	branhholme	5/27/2015 4:31 PM
116	Jeffcott Nth	5/27/2015 4:20 PM
117	Chiltern	5/27/2015 4:16 PM
118	Wollert	5/27/2015 4:14 PM
119	Larpen	5/27/2015 3:54 PM
120	Leongatha South	5/27/2015 3:43 PM
121	Berri	5/27/2015 3:41 PM
122	Shelford	5/27/2015 3:35 PM
123	Bessiebelle	5/27/2015 3:32 PM
124	Manangatang	5/27/2015 3:25 PM
125	Rupanyup	5/27/2015 3:24 PM
126	Glenrowan	5/27/2015 3:23 PM
127	Winchelsea	5/27/2015 3:15 PM
128	Corop	5/27/2015 3:14 PM
129	Boweya	5/27/2015 3:09 PM
130	Lockington	5/27/2015 3:04 PM
131	dutson	5/27/2015 3:03 PM
132	frances	5/27/2015 2:58 PM
133	nangiloc	5/27/2015 2:53 PM
134	Shepparton east	5/27/2015 2:48 PM

Broadband Survey

135	Longerenong	5/27/2015 2:42 PM
136	Willow grove	5/27/2015 2:40 PM
137	Wyuna	5/27/2015 2:40 PM
138	Omeo	5/27/2015 2:39 PM
139	Yanakie	5/27/2015 2:37 PM
140	Buffalo	5/27/2015 2:30 PM
141	Longford	5/27/2015 2:29 PM
142	Katunga	5/27/2015 2:29 PM
143	Thorpdale	5/27/2015 2:24 PM
144	Carrajung	5/27/2015 2:23 PM
145	Merton	5/27/2015 2:23 PM
146	Buffalo	5/27/2015 2:16 PM
147	Mortlake	5/27/2015 2:16 PM
148	Newborough	5/27/2015 2:15 PM
149	Congupna	5/27/2015 2:12 PM
150	Murrayville	5/27/2015 2:07 PM
151	Ferntree Gully	5/27/2015 2:03 PM
152	Trafalgar	5/26/2015 11:52 PM
153	Manangatang	5/25/2015 11:33 AM
154	WANDIN North	5/24/2015 11:13 AM
155	rochester	5/23/2015 8:53 PM
156	Ouyen	5/23/2015 5:47 PM
157	granya	5/23/2015 3:24 PM
158	victoria valley not a town	5/22/2015 9:04 PM
159	Grantville	5/22/2015 6:05 PM
160	Athlone	5/22/2015 5:51 PM
161	Hexham	5/22/2015 8:11 AM
162	Birchip	5/21/2015 12:59 PM
163	Dunolly	5/20/2015 11:22 PM
164	WAREEK	5/20/2015 4:23 PM
165	Maroona	5/20/2015 4:19 PM
166	Mingay	5/19/2015 10:10 PM
167	Dumosa	5/19/2015 3:35 PM
168	Donald	5/19/2015 1:07 AM
169	Bookaar	5/18/2015 10:13 PM
170	wemen	5/18/2015 9:21 PM
171	Bald rock	5/18/2015 7:41 PM
172	Mitiamo	5/18/2015 7:04 PM

Broadband Survey

173	boundary bend	5/18/2015 4:36 PM
174	Bendigo	5/18/2015 3:34 PM
175	Moama	5/18/2015 2:57 PM
176	tarranyurk	5/17/2015 10:12 PM
177	robinvale	5/17/2015 12:08 PM
178	Wemen	5/17/2015 11:21 AM
179	Robinvale	5/17/2015 2:00 AM
180	Adelaide Lead, Vic	5/16/2015 10:55 PM
181	Lake Powell	5/16/2015 9:45 PM
182	Werona	5/16/2015 9:17 PM
183	Boundary Bend	5/16/2015 8:58 PM
184	Strathewen	5/16/2015 9:48 AM
185	wilkur	5/15/2015 10:55 PM
186	Yarragon	5/15/2015 9:51 PM
187	Woori Yallock	5/15/2015 6:45 PM
188	Manangatang	5/15/2015 6:32 PM
189	Poowong	5/15/2015 5:48 PM
190	Rye	5/15/2015 5:30 PM
191	Mitiamo	5/15/2015 4:53 PM
192	Robinvale	5/15/2015 4:03 PM
193	Swan Hill	5/15/2015 9:38 AM
194	Lalbert	5/14/2015 9:51 PM
195	Mead	5/14/2015 5:43 PM
196	Wodonga	5/14/2015 5:00 PM
197	Corack	5/14/2015 3:58 PM
198	Lalbert/Culgoa	5/14/2015 11:35 AM
199	Barrabool	5/14/2015 11:26 AM
200	Upper Lurg	5/14/2015 10:55 AM
201	Winchelsea	5/14/2015 10:17 AM
202	RUTHERGLEN	5/14/2015 9:10 AM
203	Craigie	5/13/2015 11:24 PM
204	Trafalgar South	5/13/2015 11:15 PM
205	Donald	5/13/2015 10:29 PM
206	rickard	5/13/2015 10:28 PM
207	Majorca	5/13/2015 10:07 PM
208	Majorca	5/13/2015 10:06 PM
209	Campbells Bridge	5/13/2015 9:46 PM
210	686 Laen School Road Laen	5/13/2015 9:29 PM

Broadband Survey

211	Watchem	5/13/2015 6:50 PM
212	ROCHESTER	5/13/2015 5:52 PM
213	Donald	5/13/2015 5:13 PM
214	Birchip	5/13/2015 5:04 PM
215	Wartook	5/13/2015 2:20 PM
216	Fairley via Kerang	5/13/2015 1:53 PM
217	Kalkee	5/13/2015 1:41 PM
218	Leaghur	5/13/2015 9:38 AM
219	Rainbow	5/13/2015 12:00 AM
220	Nullawil	5/12/2015 11:33 PM
221	MURRA WARRA	5/12/2015 10:42 PM
222	Manangatang	5/12/2015 9:44 PM
223	colignan	5/12/2015 8:20 PM
224	Glenlogie	5/12/2015 7:05 PM
225	Grassmere	5/11/2015 10:32 PM
226	Barrabool	5/11/2015 9:30 PM
227	MININERA	5/11/2015 9:26 PM
228	Naroghid	5/11/2015 7:35 PM
229	cocamba	5/11/2015 5:57 PM
230	Colignan	5/11/2015 2:13 PM
231	Lalbert east	5/10/2015 7:56 PM
232	Lalbert	5/10/2015 5:05 PM
233	Arthurs Seat	5/10/2015 4:02 PM
234	Taggerty	5/10/2015 3:49 PM
235	Londrigan	5/10/2015 3:04 PM
236	Nhill	5/10/2015 2:24 PM
237	Mt Mercer	5/10/2015 1:25 PM
238	Pigeon Ponds	5/10/2015 9:40 AM
239	Charleroi	5/10/2015 6:09 AM
240	Lake Meran	5/9/2015 11:42 PM
241	Benalla	5/9/2015 10:00 PM
242	Thorpdale	5/9/2015 9:50 PM
243	Nhill	5/9/2015 8:19 PM
244	Barfold	5/9/2015 6:19 PM
245	Moutajup	5/9/2015 3:19 PM
246	Skipton	5/9/2015 2:28 PM
247	Minyip	5/9/2015 1:43 PM
248	Tyabb	5/9/2015 11:48 AM

Broadband Survey

249	Hastings, Vic	5/9/2015 11:16 AM
250	stuart mill	5/9/2015 10:49 AM
251	Mount Clear	5/9/2015 8:48 AM
252	Welshmans Reef	5/9/2015 7:36 AM
253	Stanhope	5/9/2015 1:26 AM
254	icy creek	5/9/2015 1:16 AM
255	Warracknabeal	5/9/2015 12:01 AM
256	Newbridge	5/8/2015 11:29 PM
257	Bamawm	5/8/2015 10:02 PM
258	Warragul	5/8/2015 9:32 PM
259	Seymour	5/8/2015 6:37 PM
260	Hamilton	5/8/2015 6:26 PM
261	Deans Marsh	5/8/2015 6:24 PM
262	Pyramid Hill	5/8/2015 5:20 PM
263	tatyoona	5/8/2015 4:51 PM
264	Willow Grove	5/8/2015 3:18 PM
265	Bonnie Doon	5/8/2015 2:30 PM
266	Foster	5/8/2015 2:16 PM
267	leongatha	5/8/2015 1:51 PM
268	Yarram	5/8/2015 1:12 PM
269	Rutherglen	5/8/2015 1:11 PM
270	Warrnambool	5/8/2015 12:32 PM
271	Yarragon	5/8/2015 12:06 PM
272	Hopetoun	5/8/2015 12:03 PM
273	Sea lake	5/8/2015 11:32 AM
274	Willowmavin	5/8/2015 11:25 AM
275	Myola	5/8/2015 11:21 AM
276	Heathcote	5/8/2015 11:12 AM
277	Newbridge	5/8/2015 10:46 AM
278	Ballarat	5/8/2015 9:45 AM
279	Officer	5/8/2015 9:36 AM
280	Glen Forbes	5/8/2015 9:30 AM
281	Englefield	5/8/2015 9:25 AM
282	Wodonga	5/8/2015 9:21 AM
283	St.Arnaud	5/8/2015 8:29 AM
284	Castlemaine	5/8/2015 7:49 AM
285	Ensay	5/8/2015 5:55 AM
286	Kerang	5/8/2015 2:05 AM

Broadband Survey

287	Warracknabeal	5/8/2015 12:53 AM
288	Carboor	5/8/2015 12:04 AM
289	Upper Maffra West	5/7/2015 11:53 PM
290	Pyramid Hill	5/7/2015 11:47 PM
291	Pyramid Hill	5/7/2015 11:30 PM
292	Fish Creek	5/7/2015 11:19 PM
293	Gowangardie	5/7/2015 11:13 PM
294	Warracknabeal	5/7/2015 11:04 PM
295	Murrayville	5/7/2015 11:04 PM
296	carnegie	5/7/2015 11:03 PM
297	mollonghip	5/7/2015 10:59 PM
298	Callignee	5/7/2015 10:52 PM
299	Nagambie	5/7/2015 10:39 PM
300	Clarkes Hill	5/7/2015 10:27 PM
301	Boho	5/7/2015 10:12 PM
302	Melville Forest	5/7/2015 9:59 PM
303	Emu	5/7/2015 9:53 PM
304	St Helens	5/7/2015 9:53 PM
305	Mepunga east	5/7/2015 9:50 PM
306	Clear Lake	5/7/2015 9:17 PM
307	Schlitz	5/7/2015 9:08 PM
308	Darraweit Guim	5/7/2015 8:59 PM
309	Rokewood	5/7/2015 8:58 PM
310	Boort	5/7/2015 8:41 PM
311	Natimuk	5/7/2015 8:15 PM
312	Nhill	5/7/2015 8:15 PM
313	boolarra south	5/7/2015 7:46 PM
314	Lockwood South	5/7/2015 7:33 PM
315	Hazelwood North	5/7/2015 7:20 PM
316	Horsham	5/7/2015 7:01 PM
317	Kyabram	5/7/2015 6:58 PM
318	SHEPPARTON	5/7/2015 6:52 PM
319	Mepunga West	5/7/2015 6:28 PM
320	Sutherland	5/7/2015 5:58 PM
321	Underbool	5/7/2015 5:57 PM
322	TALLANGATTA SOUTH	5/7/2015 5:23 PM
323	Swan Marsh	5/7/2015 5:01 PM
324	Cockatoo	5/7/2015 4:59 PM

Broadband Survey

325	Kerang	5/7/2015 4:56 PM
326	Yannathan	5/7/2015 4:51 PM
327	Princetown	5/7/2015 4:43 PM
328	Paschendale	5/7/2015 4:06 PM
329	Tinamba West	5/7/2015 4:03 PM
330	Wandong	5/7/2015 3:49 PM
331	Yatchaw	5/7/2015 3:19 PM
332	Lockington	5/7/2015 3:13 PM
333	Sheephills	5/7/2015 3:09 PM
334	Dunkeld	5/7/2015 2:53 PM
335	Invergordon	5/7/2015 2:40 PM
336	Tarranyurk	5/7/2015 2:39 PM
337	Wandiligong	5/7/2015 2:38 PM
338	Deans Marsh	5/7/2015 2:29 PM
339	GANNAWARRA	5/7/2015 2:23 PM
340	tempy	5/7/2015 2:18 PM
341	Camperdown	5/7/2015 2:17 PM
342	Boort	5/7/2015 2:16 PM
343	Boort	5/7/2015 2:15 PM
344	KERANG	5/7/2015 2:14 PM
345	Highton	5/7/2015 2:09 PM
346	Dooen	5/7/2015 2:01 PM
347	shady creek	5/7/2015 2:00 PM
348	Mount Mercer	5/7/2015 2:00 PM
349	Cohuna	5/7/2015 1:59 PM
350	Donald	5/7/2015 1:55 PM
351	Tragowel	5/7/2015 1:51 PM
352	Calrossie	5/7/2015 1:49 PM
353	Vite Vite North	5/7/2015 1:44 PM
354	mildura	5/7/2015 1:36 PM
355	Nagambie	5/7/2015 1:34 PM
356	Mead Vic	5/7/2015 1:29 PM
357	Turner	5/7/2015 1:22 PM
358	Cohuna	5/7/2015 1:21 PM
359	Murtoa	5/7/2015 1:20 PM
360	MITIAMO	5/7/2015 1:12 PM
361	Shelford	5/7/2015 1:07 PM
362	Lancaster	5/7/2015 1:06 PM

Broadband Survey

363	Bamawm	5/7/2015 1:02 PM
364	Manangatang	5/7/2015 12:58 PM
365	Hill End	5/7/2015 12:57 PM
366	Ballarat	5/7/2015 12:56 PM
367	Ballan	5/7/2015 12:45 PM
368	Echuca	5/7/2015 12:42 PM
369	Leitchville	5/7/2015 12:39 PM
370	Codrington	5/7/2015 12:37 PM
371	Kerang	5/7/2015 12:35 PM
372	Huntly	5/7/2015 12:25 PM
373	Korumburra	5/7/2015 12:23 PM
374	Bungalally	5/7/2015 12:22 PM
375	Labertouche	5/7/2015 12:22 PM
376	Lancefield	5/7/2015 12:22 PM
377	Barwite	5/7/2015 12:20 PM
378	Lyons	5/7/2015 12:19 PM
379	patterson lakes	5/7/2015 12:09 PM
380	Gippsland	5/7/2015 12:09 PM
381	Kialla East	5/7/2015 12:00 PM
382	Bendigo	5/7/2015 11:49 AM
383	BRIAGOLONG	5/7/2015 11:47 AM
384	Great Western	5/7/2015 11:39 AM
385	Condah	5/7/2015 11:36 AM
#	Postcode	Date
1	3561	6/28/2015 8:39 PM
2	3795	6/24/2015 4:00 PM
3	3249	6/23/2015 11:21 PM
4	3352	6/23/2015 7:13 PM
5	3414	6/23/2015 12:23 PM
6	3396	6/20/2015 1:59 PM
7	3373	6/19/2015 2:43 PM
8	3568	6/19/2015 1:44 PM
9	3401	6/18/2015 4:02 PM
10	3373	6/18/2015 3:38 PM
11	3480	6/18/2015 3:02 PM
12	3409	6/18/2015 2:52 PM
13	3546	6/18/2015 2:33 PM
14	3623	6/18/2015 2:16 PM

Broadband Survey

15	3701	6/18/2015 1:55 PM
16	3494	6/18/2015 1:20 PM
17	3540	6/18/2015 1:07 PM
18	3732	6/18/2015 12:55 PM
19	3340	6/18/2015 12:48 PM
20	3485	6/18/2015 12:41 PM
21	Vic	6/13/2015 9:30 AM
22	3537	6/12/2015 7:54 PM
23	3276	6/10/2015 5:03 PM
24	3939	6/6/2015 4:40 PM
25	3616	6/6/2015 2:53 PM
26	3875	6/5/2015 8:09 AM
27	3670	6/4/2015 3:42 PM
28	3401	6/4/2015 12:37 PM
29	3529	6/4/2015 10:32 AM
30	3361	6/4/2015 9:37 AM
31	7316	6/2/2015 8:51 PM
32	3735	6/2/2015 2:04 PM
33	3860	6/2/2015 8:32 AM
34	3561	6/1/2015 10:18 PM
35	3546	6/1/2015 6:02 PM
36	3557	6/1/2015 3:24 PM
37	3491	6/1/2015 3:05 PM
38	3531	6/1/2015 2:29 PM
39	3373	6/1/2015 1:37 PM
40	3388	6/1/2015 12:55 PM
41	3418	5/31/2015 9:43 PM
42	3478	5/31/2015 8:04 PM
43	3688	5/31/2015 3:49 PM
44	3549	5/31/2015 6:14 AM
45	3971	5/30/2015 8:06 PM
46	3222	5/30/2015 6:49 PM
47	3392	5/30/2015 4:46 PM
48	3222	5/30/2015 1:56 PM
49	3688	5/30/2015 12:30 PM
50	3956	5/30/2015 11:28 AM
51	3616	5/29/2015 11:52 PM
52	3576	5/29/2015 9:58 PM

Broadband Survey

53	3688	5/29/2015 9:36 PM
54	3856	5/29/2015 5:10 PM
55	3412	5/29/2015 3:58 PM
56	3869	5/29/2015 10:13 AM
57	3379	5/29/2015 10:12 AM
58	3956	5/29/2015 9:31 AM
59	3373	5/28/2015 9:38 PM
60	3393	5/28/2015 8:57 PM
61	3477	5/28/2015 7:40 PM
62	3673	5/28/2015 7:32 PM
63	3821	5/28/2015 4:41 PM
64	3862	5/28/2015 2:07 PM
65	3719	5/28/2015 1:06 PM
66	3240	5/28/2015 12:37 PM
67	3821	5/28/2015 12:14 PM
68	3597	5/28/2015 11:58 AM
69	3395	5/28/2015 11:30 AM
70	3620	5/28/2015 11:17 AM
71	3478	5/28/2015 11:11 AM
72	3719	5/28/2015 11:00 AM
73	3517	5/28/2015 10:37 AM
74	3936	5/28/2015 10:19 AM
75	3395	5/28/2015 10:05 AM
76	3579	5/28/2015 10:00 AM
77	3266	5/28/2015 9:58 AM
78	3401	5/28/2015 9:30 AM
79	3401	5/28/2015 8:52 AM
80	3527	5/28/2015 8:28 AM
81	3620	5/28/2015 7:19 AM
82	3139	5/28/2015 1:34 AM
83	3678	5/28/2015 1:11 AM
84	3289	5/28/2015 12:14 AM
85	3705	5/28/2015 12:08 AM
86	3564	5/27/2015 11:42 PM
87	3896	5/27/2015 11:28 PM
88	3418	5/27/2015 11:22 PM
89	3392	5/27/2015 11:03 PM
90	3571	5/27/2015 10:50 PM

Broadband Survey

91	3395	5/27/2015 10:42 PM
92	a	5/27/2015 10:42 PM
93	3888	5/27/2015 10:17 PM
94	3575	5/27/2015 10:10 PM
95	3540	5/27/2015 10:09 PM
96	3956	5/27/2015 10:05 PM
97	3936	5/27/2015 9:16 PM
98	3988	5/27/2015 8:53 PM
99	3537	5/27/2015 8:30 PM
100	3391	5/27/2015 8:22 PM
101	3844	5/27/2015 8:07 PM
102	3640	5/27/2015 8:06 PM
103	3444	5/27/2015 7:43 PM
104	3874	5/27/2015 7:38 PM
105	3004	5/27/2015 6:55 PM
106	3462	5/27/2015 6:48 PM
107	3896	5/27/2015 6:41 PM
108	3379	5/27/2015 6:33 PM
109	3820	5/27/2015 6:16 PM
110	3688	5/27/2015 5:43 PM
111	3824	5/27/2015 5:36 PM
112	3401	5/27/2015 5:04 PM
113	3612	5/27/2015 4:59 PM
114	3515	5/27/2015 4:32 PM
115	3302	5/27/2015 4:31 PM
116	3480	5/27/2015 4:20 PM
117	3683	5/27/2015 4:16 PM
118	3750	5/27/2015 4:14 PM
119	3249	5/27/2015 3:54 PM
120	3953	5/27/2015 3:43 PM
121	3531	5/27/2015 3:41 PM
122	3329	5/27/2015 3:35 PM
123	3304	5/27/2015 3:32 PM
124	3546	5/27/2015 3:25 PM
125	3388	5/27/2015 3:24 PM
126	3675	5/27/2015 3:23 PM
127	3241	5/27/2015 3:15 PM
128	3559	5/27/2015 3:14 PM

Broadband Survey

129	3675	5/27/2015 3:09 PM
130	3563	5/27/2015 3:04 PM
131	3851	5/27/2015 3:03 PM
132	5262	5/27/2015 2:58 PM
133	3494	5/27/2015 2:53 PM
134	3631	5/27/2015 2:48 PM
135	3401	5/27/2015 2:42 PM
136	3825	5/27/2015 2:40 PM
137	3620	5/27/2015 2:40 PM
138	3898	5/27/2015 2:39 PM
139	3960	5/27/2015 2:37 PM
140	3958	5/27/2015 2:30 PM
141	3851	5/27/2015 2:29 PM
142	3640	5/27/2015 2:29 PM
143	3835	5/27/2015 2:24 PM
144	3844	5/27/2015 2:23 PM
145	3715	5/27/2015 2:23 PM
146	3958	5/27/2015 2:16 PM
147	3272	5/27/2015 2:16 PM
148	3825	5/27/2015 2:15 PM
149	3633	5/27/2015 2:12 PM
150	3512	5/27/2015 2:07 PM
151	3156	5/27/2015 2:03 PM
152	3824	5/26/2015 11:52 PM
153	3546	5/25/2015 11:33 AM
154	3984	5/25/2015 7:50 AM
155	3139	5/24/2015 11:13 AM
156	3561	5/23/2015 8:53 PM
157	3490	5/23/2015 5:47 PM
158	3701	5/23/2015 3:24 PM
159	3294	5/22/2015 9:04 PM
160	3984	5/22/2015 6:05 PM
161	3818	5/22/2015 5:51 PM
162	3273	5/22/2015 8:11 AM
163	3483	5/21/2015 12:59 PM
164	3472	5/20/2015 11:22 PM
165	3465	5/20/2015 4:23 PM
166	3377	5/20/2015 4:19 PM

Broadband Survey

167	3324	5/19/2015 10:10 PM
168	3527	5/19/2015 3:35 PM
169	3480	5/19/2015 1:07 AM
170	3260	5/18/2015 10:13 PM
171	3549	5/18/2015 9:21 PM
172	3575	5/18/2015 7:41 PM
173	3573	5/18/2015 7:04 PM
174	3599	5/18/2015 4:36 PM
175	3550	5/18/2015 3:34 PM
176	2731	5/18/2015 2:57 PM
177	3414	5/17/2015 10:12 PM
178	3549	5/17/2015 12:08 PM
179	3549	5/17/2015 11:21 AM
180	3549	5/17/2015 2:00 AM
181	3465	5/16/2015 10:55 PM
182	3597	5/16/2015 9:45 PM
183	3364	5/16/2015 9:17 PM
184	3599	5/16/2015 8:58 PM
185	3099	5/16/2015 9:48 AM
186	3393	5/15/2015 10:55 PM
187	3823	5/15/2015 9:51 PM
188	3139	5/15/2015 6:45 PM
189	3546	5/15/2015 6:32 PM
190	3988	5/15/2015 5:48 PM
191	3941	5/15/2015 5:30 PM
192	3573	5/15/2015 4:53 PM
193	3549	5/15/2015 4:03 PM
194	3685	5/15/2015 9:38 AM
195	3542	5/14/2015 9:51 PM
196	3568	5/14/2015 5:43 PM
197	3690	5/14/2015 5:00 PM
198	3480	5/14/2015 3:58 PM
199	3531	5/14/2015 11:50 AM
200	3542/3530	5/14/2015 11:35 AM
201	3221	5/14/2015 11:26 AM
202	3673	5/14/2015 10:55 AM
203	3241	5/14/2015 10:17 AM
204	3685	5/14/2015 9:10 AM

Broadband Survey

205	3464	5/13/2015 11:24 PM
206	3824	5/13/2015 11:15 PM
207	3480	5/13/2015 10:29 PM
208	3483	5/13/2015 10:28 PM
209	3465	5/13/2015 10:07 PM
210	3465	5/13/2015 10:06 PM
211	3387	5/13/2015 9:46 PM
212	3480	5/13/2015 9:29 PM
213	3482	5/13/2015 6:50 PM
214	3561	5/13/2015 5:52 PM
215	3480	5/13/2015 5:13 PM
216	3483	5/13/2015 5:04 PM
217	3401	5/13/2015 2:20 PM
218	3579	5/13/2015 1:53 PM
219	3401	5/13/2015 1:41 PM
220	3537	5/13/2015 9:38 AM
221	3424	5/13/2015 12:00 AM
222	3529	5/12/2015 11:33 PM
223	3401	5/12/2015 10:42 PM
224	3546	5/12/2015 9:44 PM
225	3494	5/12/2015 8:20 PM
226	3469	5/12/2015 7:05 PM
227	3281	5/11/2015 10:32 PM
228	3221	5/11/2015 9:30 PM
229	3351	5/11/2015 9:26 PM
230	3266	5/11/2015 7:35 PM
231	3546	5/11/2015 5:57 PM
232	3494	5/11/2015 2:13 PM
233	3542	5/10/2015 7:56 PM
234	3542	5/10/2015 5:05 PM
235	3936	5/10/2015 4:02 PM
236	3714	5/10/2015 3:49 PM
237	3678	5/10/2015 3:04 PM
238	3418	5/10/2015 2:24 PM
239	3352	5/10/2015 1:25 PM
240	3407	5/10/2015 9:40 AM
241	3695	5/10/2015 6:09 AM
242	3579	5/9/2015 11:42 PM

Broadband Survey

243	3685	5/9/2015 10:06 PM
244	3672	5/9/2015 10:00 PM
245	3835	5/9/2015 9:50 PM
246	3418	5/9/2015 8:19 PM
247	3444	5/9/2015 6:19 PM
248	3294	5/9/2015 3:19 PM
249	3361	5/9/2015 2:28 PM
250	3392	5/9/2015 1:43 PM
251	3913	5/9/2015 11:48 AM
252	3915	5/9/2015 11:16 AM
253	3477	5/9/2015 10:49 AM
254	3350	5/9/2015 8:48 AM
255	3462	5/9/2015 7:36 AM
256	3623	5/9/2015 1:26 AM
257	3833	5/9/2015 1:16 AM
258	3393	5/9/2015 12:01 AM
259	3551	5/8/2015 11:29 PM
260	3561	5/8/2015 10:02 PM
261	3820	5/8/2015 9:32 PM
262	3660	5/8/2015 6:37 PM
263	3300	5/8/2015 6:26 PM
264	3235	5/8/2015 6:24 PM
265	3419	5/8/2015 6:12 PM
266	3575	5/8/2015 5:20 PM
267	3378	5/8/2015 4:51 PM
268	3825	5/8/2015 3:18 PM
269	3720	5/8/2015 2:30 PM
270	3960	5/8/2015 2:16 PM
271	3953	5/8/2015 1:51 PM
272	3971	5/8/2015 1:12 PM
273	3685	5/8/2015 1:11 PM
274	3280	5/8/2015 12:32 PM
275	3823	5/8/2015 12:06 PM
276	3396	5/8/2015 12:03 PM
277	3533	5/8/2015 11:32 AM
278	3764	5/8/2015 11:25 AM
279	3551	5/8/2015 11:21 AM
280	3523	5/8/2015 11:12 AM

Broadband Survey

281	3551	5/8/2015 10:46 AM
282	3350	5/8/2015 9:45 AM
283	3809	5/8/2015 9:36 AM
284	3990	5/8/2015 9:30 AM
285	3407	5/8/2015 9:25 AM
286	3691	5/8/2015 9:21 AM
287	3478	5/8/2015 8:29 AM
288	3450	5/8/2015 7:49 AM
289	3895	5/8/2015 5:55 AM
290	3579	5/8/2015 2:05 AM
291	3393	5/8/2015 12:53 AM
292	3678	5/8/2015 12:04 AM
293	3859	5/7/2015 11:53 PM
294	3575	5/7/2015 11:47 PM
295	3575	5/7/2015 11:30 PM
296	3959	5/7/2015 11:19 PM
297	3669	5/7/2015 11:13 PM
298	3393	5/7/2015 11:04 PM
299	3163	5/7/2015 11:03 PM
300	3352	5/7/2015 10:59 PM
301	3844	5/7/2015 10:52 PM
302	3608	5/7/2015 10:39 PM
303	3352	5/7/2015 10:27 PM
304	3669	5/7/2015 10:12 PM
305	3315	5/7/2015 9:59 PM
306	3475	5/7/2015 9:53 PM
307	3285	5/7/2015 9:53 PM
308	3262	5/7/2015 9:50 PM
309	3409	5/7/2015 9:17 PM
310	3540	5/7/2015 9:08 PM
311	3756	5/7/2015 8:59 PM
312	3330	5/7/2015 8:58 PM
313	3537	5/7/2015 8:41 PM
314	3409	5/7/2015 8:15 PM
315	3418	5/7/2015 8:15 PM
316	3870	5/7/2015 7:46 PM
317	3551	5/7/2015 7:33 PM
318	3840	5/7/2015 7:20 PM

Broadband Survey

319	3400	5/7/2015 7:01 PM
320	3620	5/7/2015 6:58 PM
321	3631	5/7/2015 6:52 PM
322	3277	5/7/2015 6:28 PM
323	3477	5/7/2015 5:58 PM
324	3509	5/7/2015 5:57 PM
325	3701	5/7/2015 5:23 PM
326	3249	5/7/2015 5:01 PM
327	3781	5/7/2015 4:59 PM
328	3579	5/7/2015 4:56 PM
329	3981	5/7/2015 4:51 PM
330	3269	5/7/2015 4:43 PM
331	3315	5/7/2015 4:06 PM
332	3859	5/7/2015 4:03 PM
333	3758	5/7/2015 3:49 PM
334	3301	5/7/2015 3:19 PM
335	3563	5/7/2015 3:13 PM
336	3392	5/7/2015 3:09 PM
337	3294	5/7/2015 2:53 PM
338	3636	5/7/2015 2:40 PM
339	3414	5/7/2015 2:39 PM
340	3744	5/7/2015 2:38 PM
341	3235	5/7/2015 2:29 PM
342	3568	5/7/2015 2:23 PM
343	3489	5/7/2015 2:18 PM
344	3260	5/7/2015 2:17 PM
345	3537, Victoria	5/7/2015 2:16 PM
346	3537	5/7/2015 2:15 PM
347	3579	5/7/2015 2:14 PM
348	3216	5/7/2015 2:09 PM
349	3401	5/7/2015 2:01 PM
350	3821	5/7/2015 2:00 PM
351	3362	5/7/2015 2:00 PM
352	3568	5/7/2015 1:59 PM
353	3480	5/7/2015 1:55 PM
354	3579	5/7/2015 1:51 PM
355	3971	5/7/2015 1:49 PM
356	3325	5/7/2015 1:44 PM

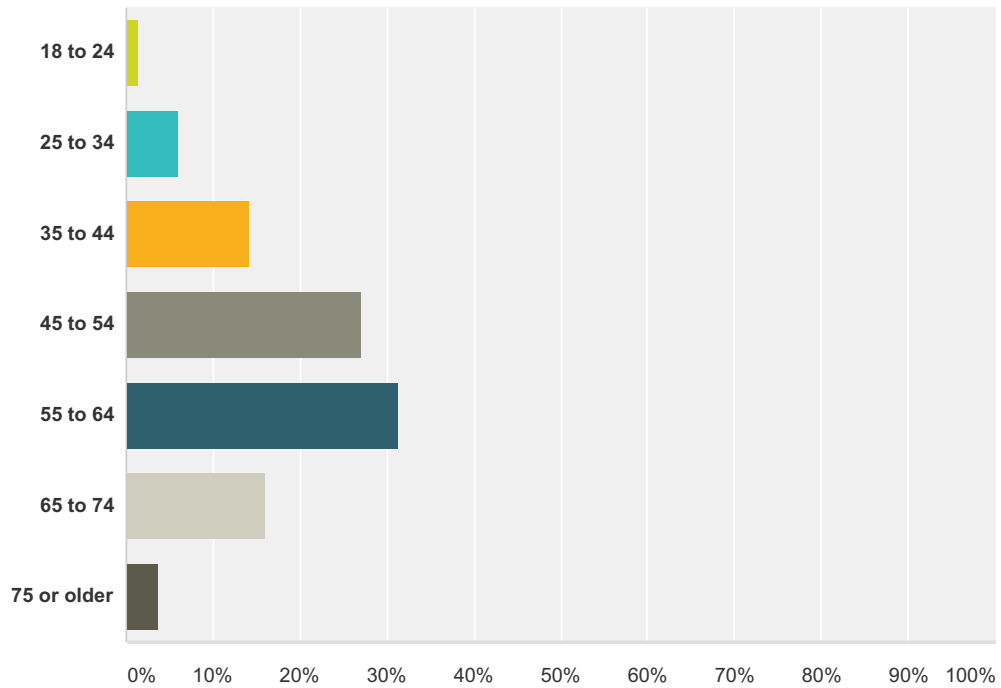
Broadband Survey

357	3500	5/7/2015 1:36 PM
358	3608	5/7/2015 1:34 PM
359	3568	5/7/2015 1:29 PM
360	3701	5/7/2015 1:22 PM
361	3568	5/7/2015 1:21 PM
362	3390	5/7/2015 1:20 PM
363	3573	5/7/2015 1:12 PM
364	3329	5/7/2015 1:07 PM
365	3620	5/7/2015 1:06 PM
366	3561	5/7/2015 1:02 PM
367	3546	5/7/2015 12:58 PM
368	3825	5/7/2015 12:57 PM
369	3350	5/7/2015 12:56 PM
370	3342	5/7/2015 12:45 PM
371	3564	5/7/2015 12:42 PM
372	3567	5/7/2015 12:39 PM
373	3285	5/7/2015 12:37 PM
374	3579	5/7/2015 12:35 PM
375	3551	5/7/2015 12:25 PM
376	3950	5/7/2015 12:23 PM
377	3401	5/7/2015 12:22 PM
378	3816	5/7/2015 12:22 PM
379	3435	5/7/2015 12:22 PM
380	3129	5/7/2015 12:20 PM
381	3304	5/7/2015 12:19 PM
382	3197	5/7/2015 12:09 PM
383	3844	5/7/2015 12:09 PM
384	3631	5/7/2015 12:00 PM
385	3550	5/7/2015 11:49 AM
386	3860	5/7/2015 11:47 AM
387	3644	5/7/2015 11:47 AM
388	3374	5/7/2015 11:39 AM
389	3303	5/7/2015 11:36 AM
390	3393	5/7/2015 11:23 AM
#	Email	Date

Broadband Survey

Q15 What is your age?

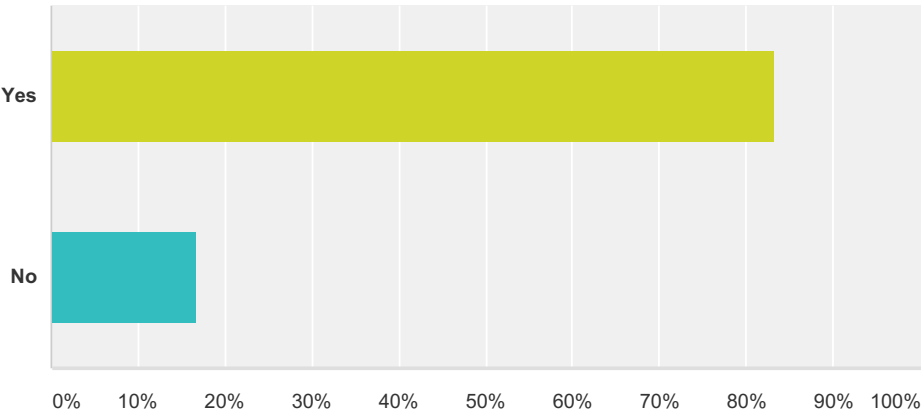
Answered: 394 Skipped: 139



Answer Choices	Responses
18 to 24	1.52% 6
25 to 34	6.09% 24
35 to 44	14.21% 56
45 to 54	27.16% 107
55 to 64	31.22% 123
65 to 74	15.99% 63
75 or older	3.81% 15
Total	394

Q16 Are you currently a VFF member?

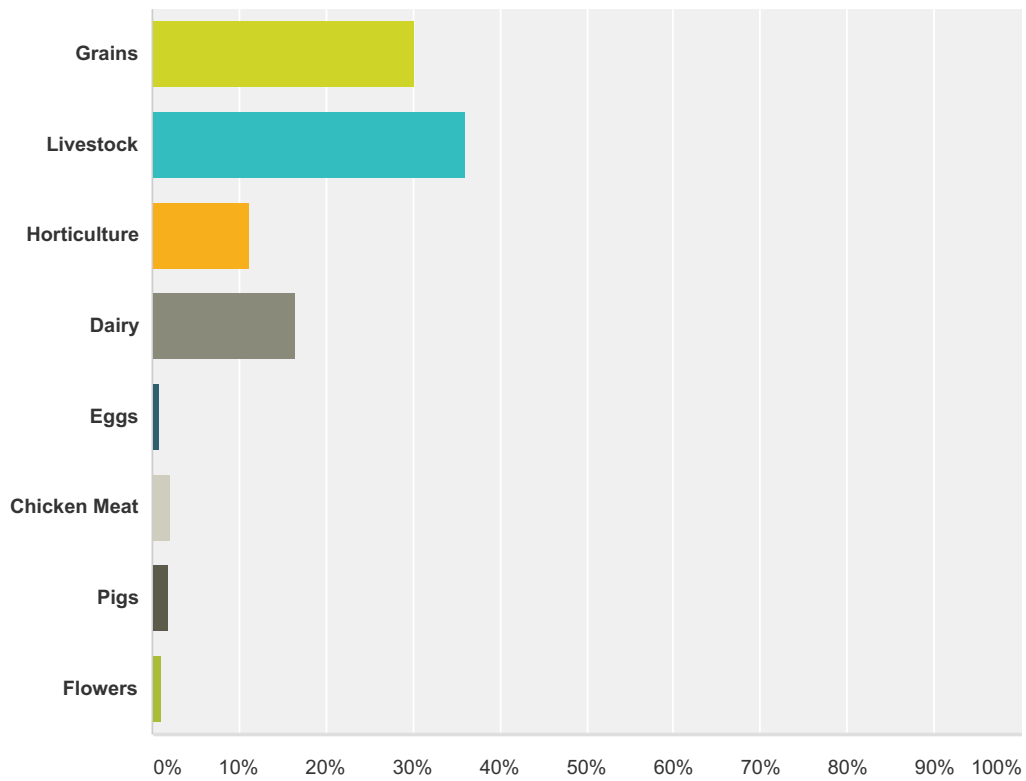
Answered: 394 Skipped: 139



Answer Choices	Responses	
Yes	83.25%	328
No	16.75%	66
Total		394

Q17 What commodity do you best associate with?

Answered: 380 Skipped: 153



Answer Choices	Responses	
Grains	30.26%	115
Livestock	36.05%	137
Horticulture	11.32%	43
Dairy	16.58%	63
Eggs	0.79%	3
Chicken Meat	2.11%	8
Pigs	1.84%	7
Flowers	1.05%	4
Total		380

Broadband Survey

Q18 Do you have any further comments about your broadband connectivity?

Answered: 268 Skipped: 265

#	Responses	Date
1	very inadequate too slow and drops out most of the time	6/23/2015 11:21 PM
2	Dimboola has just had an NBN tower activated but signal footprint is small and patchy compared to nearby towers I contacted the NBN requesting a reason for this but have received no reply.	6/23/2015 12:23 PM
3	Weather permitting it varies.	6/19/2015 2:43 PM
4	Pretty slow internet, pay more than people who live in town and they get more internet data and for less!	6/18/2015 4:02 PM
5	It is dependant on the weather, this alters the speed dramatically.	6/18/2015 3:38 PM
6	It is not ideal, we have to reset our modem regularly and we also have to be careful some months when the kids are using the internet not to go over, happy to give cost of monthly plan and data amount if you are chasing that information.	6/18/2015 3:02 PM
7	Performance is highly variable depending on time of day. Biggest problem is with mobile phone reception.	6/18/2015 2:52 PM
8	Our speeds are only faster because we had to purchase and spend \$730.00 on a yagi antenna and a smart antenna due to blackspot area	6/18/2015 2:33 PM
9	to expand my bussiness I need a faster & reliable internet service	6/18/2015 2:16 PM
10	When it rains I am not able to reconnect to the internet. Today I gained internet access at noon. There was none before that. Since more people have gone onto the satallite the speed has slowed down considerably. On the weekend I could not stream simple 2-3 minute youtube pieces - in the past I have been able to. I do think that our price is expensive and we cannot of course bundle internet with anything else. Our mobile phone plans are wtih Aldi - Telstra was just far too expensive. The Telstra \$95 a month or whatever it is is quiet good for landline calls - they would still make a mint out of us, as most people today are on mobile and many on mobile only - but it is hand for long landline calls. We are on a small package for making mobile calls - about \$30 a month - so our phone bill is >\$130 month - which I think is expensive as it doesn't include our mobile phones (we are on a call useage plans, as we have no mobile coverage here - I think tha's OK as we are probably all compromising our longterm health with all the 'radio' waves in the air - who is doing any resarch on that?!!	6/18/2015 1:55 PM
11	So slow its almost intolerable! espically in wet weather. however Optus is kicking goals with its service in our area, we are now on 4G but service is limited in areas still.	6/18/2015 12:55 PM
12	The small size and big price of data on mobile devices is excessive.	6/18/2015 12:41 PM
13	We recently connecting to NBN Fixed Wireless & we are VERY happy with the speed, data allowance & price. Prior to this we could only connect via mobile broadband at an exorbitant price for very little data.	6/13/2015 9:30 AM
14	I feel it is too expensive because I have to have both a mobile and land line because the mobile doesnt work well so we need the land line to call the caller back on. We double pay because we can be standing next to the phone and it wont ring and goes straight to message bank yet we have to pay to retrieve the message and have to pay to call 101. We have an abundance of internet available but cannot use it because it is so slow its impossible to utilize.. We cannot watch lview or even utube. We have no other otion no other carrier works at all and Tesltra only just works	6/10/2015 5:03 PM
15	Slow and intermittent	6/6/2015 4:40 PM
16	It took three tries to load the survey and 10 minutes to complete due to ridiculously slow internet	6/6/2015 2:53 PM
17	Several years ago fast speed internet cable was installed to the Warrenbayne State School. The school has since closed. Why can't this cable be used to bring high speed internet to the Warrenbayne community?	6/4/2015 3:42 PM
18	Was unable to do tests required due to download problems	6/4/2015 12:37 PM
19	same speed as snail mail !!!!	6/4/2015 10:32 AM

Broadband Survey

20	I moved several months ago. I have been on a waiting list for ADSL for 14 weeks. I have been told there is no available slot in the local telephone exchange. I have been told the waiting list is indefinite. In 2015 I just can not believe it. We have no NBN and yet Ballarat city has been connected. That just does not make sense to me when the priority should be for country people who are struggling to access decent internet services The only option I have is to use Telstra's 3G mobile broadband. While the service is good the cost is outrageous. I pay \$50 for 4gig of data. I have to limit internet use by not streaming any content such as video or audio because it chews up the data. Where I previously lived near Ballarat we were one of the first to be connected to NBN fixed wireless in 2012. It was wonderful. It was incredibly cheap and fast. I had no complaints. I paid \$60 for 150gig per month.	6/4/2015 9:37 AM
21	We currently only have access to 3G mobile broadband, which is expensive (8GB per month for \$60) and restrictive - maximum data download = 20GB per month, which costs \$100. Have spoken to NBN and they cannot provide and do not know when NBN rollout will reach this area. It is a big issue for our family and we are considering moving because of it.	6/2/2015 2:04 PM
22	I loathe dealing with Telstra but I have to deal with them because their coverage is better than others. I cannot stand their call centres and their ability to follow a problem through if it requires more than one call. As a communication company they have no idea about communication and customers. Whenever they contact me under the veil of "optimising my costs" or whatever, they only seem to want to sell more services. Telstra shops do not seem to do anything except sell mobile phones. The whole service and billing structure is designed to confuse.	6/2/2015 8:32 AM
23	You should also be considering 'ping' data in your analysis. The 'ping' reading for this account was 1036.	6/1/2015 10:18 PM
24	Our internet speed is very slow. We don't get the advantage of bundling our internet with mobile/land line or Foxtel (or equivalent) Satalite is our only option. NBN also will not be rolled out in this area. To receive higher speeds we are required to pay more, usually well above prices paid by our city counter parts. We do not use multiple devices (laptop, Ipads etc) or a WIFI router on our internet connection, as this would slow speeds even further.	6/1/2015 6:02 PM
25	mobile coverage poor,only get wireless internet with antenna on house roof	6/1/2015 3:24 PM
26	Had installed \$500 Telstra Box to improve signal but signal still drops out all the time and we do not get phone service at times	6/1/2015 2:29 PM
27	Broadband hopeless in the evenings.	6/1/2015 1:37 PM
28	Wish it was as fast as the city! Every 2 to 3 months, connection to internet terrible for days to a week on Optus and Telstra	6/1/2015 12:55 PM
29	Extremely slow connection to service provider when switching or opening up the laptop computer	5/31/2015 9:43 PM
30	I am not at home while testing download speed be c ause it doesn't work properly there. Also cannot get homeline broadband unlimited Internet bundle which would be much cheaper to run but not available in our area.	5/31/2015 6:14 AM
31	We pay \$120 per month for 15gb on a fixed wireless device service. It's so unfair to country people, as city people get a range of providers at competitive prices and can often get 100gb for less than half of what we pay for a measly 15gb.	5/30/2015 8:06 PM
32	This is my home office connection, also submitted on my business office connection.	5/30/2015 6:49 PM
33	About to be connected to nbn hopefully a bit faster access	5/30/2015 4:46 PM
34	this was done on a saturday morning when it is often a bit faster, normal times such as evening or weekdays, it is much slower.	5/30/2015 12:30 PM
35	Very Ordinary !!! compared to towns & cities.	5/29/2015 11:52 PM
36	Couldn't get speed test to work on the ipad	5/29/2015 9:58 PM
37	It's pathetic, inadequate, constantly drops out, pixilates or is buffering for ages. Use after 3.00 pm is a waste of time. Had to stop download of virus protection renewal this week as it was going to take more than 10 HOURS. Cannot reliably pay bills, make theatre or airline bookings, trade shares etc Local exchange is copper wire so can't get ADSL and Telstra has no plans to upgrade or provide NBN. Previous residence paid for 500Gb and now can only get 8Gb for the same cost Visitors/friends on non-Telstra plans get no reception. Can't watch iview. etc. etc	5/29/2015 9:36 PM

Broadband Survey

38	Slow connection speeds are restricting growth of the farm business - there is things we'd like to be doing online regarding banking, investment marketing & research and we are at a competitive disadvantage the slow speeds mean we drop out and just cant do things others with better speed can.	5/29/2015 5:10 PM
39	frustrating speed	5/29/2015 3:58 PM
40	The NBN is great.	5/29/2015 10:13 AM
41	Seems problem is overloading of 3G tower. When power failed recently for 20 hours, this forced landline users to use mobiles. Resulting o'load on 3G tower meant internet was useless for whole day (and also v limited mobile accessibility). We considered changing to NBN satellite but local users say the same overloading problem is occuring on NBN and it is now no better than 3G. Do you have any better suggestions???	5/29/2015 10:12 AM
42	Frequently drops out	5/29/2015 9:31 AM
43	I am not in an NBN area, I can't get an upgrade to my satellite because all funds previously set aside for isolated connections has been re-directed to the NBN, my best/sometimes only option is to use my mobile phone, while using my phone service antenna, and pay high rates. feel like a second class citizen because I work and live in an unpopulated area.	5/28/2015 8:57 PM
44	It is VERY slow and unreliable. Plan keeps being reduced from 100G to 50G now 45G. More satellites PLEASE!!!	5/28/2015 7:40 PM
45	Connectivity seems reasonable but expensive. Currently on 15 GB a month costing\$89.95. Will cost at least \$130.00 to get higher monthly data.	5/28/2015 7:32 PM
46	We have experienced difficulty with our 3G internet for many years, resulting in many discussions with Telstra. The situation is not getting better. I have tried to contact the NBNC to make them aware of our poor internet service availability but have not been able to get any meaningful contact. The only response I get is to get check the roll-out map! We are still not on it! It is already a business impediment and it is getting worse as technology gets better and more dependent on good, reliable, affordable, fast internet.	5/28/2015 1:06 PM
47	The maximum amount of data I can get for the home per month is 4G (at \$12.50 per gig) which I think is absolutely ridiculous! Most people I know get 200G to 500G of data per month and pay less for that amount than I do for 4G.	5/28/2015 12:14 PM
48	We would use a lot more if access was better and data not so expensive.	5/28/2015 11:58 AM
49	Some days I have no access at all via my 4G modem!!!!!! This makes running my business very difcult seeing I rely on internet banking and a cloud based accounting software package.. If I have a day where there is no internet service or it is so slow that the server times out, I cannot pay bills or do my book keeping. This can happen up to 5 days a week!!!! We were wanting to put a cow tracking system into the dairy, but it would be a waste of money at the minute if its only going to work a couple of days a week. I also have a daughter in year 11, and she has had to go to school with her homework incomplete because of the lack of service!!!! Its a joke, we only live 30 minutes from SHhepparton and 25 from Echuca, yet the service I get I might as well be west of Alice Springs!!!!!! Telstra should be ashamed of them selves as the mobile phone service is not much better!!!!!!	5/28/2015 11:17 AM
50	poor coverage inside house	5/28/2015 11:11 AM
51	We are becoming extremely limited within our business due to unreliable and slow internet. We have a lot of computer programs which we are unable to use to their full potential due to the internet, and any that are cloud based are unusable which puts us behind our competitors. We would consider relocating our business to an area better serviced if it was a possibility.... it is extremely difficult to get any help with regards to this issue, and we have tried continually over the past 8 years. Can you please help us to somehow access better service??	5/28/2015 11:00 AM
52	Recently tried to book tickets online but was unable to due to time outage of site, rang my son in Ballarat and over the phone he was able to access the same site and complete the transaction while I continued to time out.	5/28/2015 10:37 AM
53	Due to the way towers are positioned in our area, we have no option of having ADSL connection, only wireless. Also, the only 2 providers in the area are Telstra and IINet. not much of an option , very limited data (max. 25GB) and very expensive.	5/28/2015 10:19 AM
54	hopefully NBN will be a lot quicker and cheaper.	5/28/2015 10:05 AM
55	Internet speed is much too slow for Skype or streaming. Downloading movies out of the question although Youtube works sometimes. NBN was not bad when we first connected but poor now.	5/28/2015 10:00 AM
56	NBN is available in our area but we can not get it. We are there for left with on option but a slow expensive unreliable broadband. We should be able to get the same amount of data for the same cost as someone who can get NBN Evan if the system is 3G	5/28/2015 9:58 AM

Broadband Survey

57	Package price between town and rural areas seem to be extreme between delivery methods. NBN is promising a lot and if their claims are to be believed are our best option to get decent internet at a resonable price	5/28/2015 9:30 AM
58	We only use wireless as we are on a long phone line spur that cannot deliver broadband a service	5/28/2015 8:52 AM
59	intermittent at best, can only use at certain times of day. when compared to ASDL i am getting ripped off	5/28/2015 8:28 AM
60	Wireless loses connection several times a day. Forever turning modem off and on to reset it.Maximum amount of data we can buy a month is 15GB. So frustrating.	5/28/2015 7:19 AM
61	The speeds are based on my home adsl, still slow but business satellite is slower and is getting slower	5/28/2015 1:34 AM
62	Far to expensive for the speed we receive.	5/28/2015 12:14 AM
63	Reasonably happy with the speed, but could be better. We are 2.75 Km from the telephone exchange.	5/28/2015 12:08 AM
64	Losing the capacity from Telstra as provider of last choice, we have no landline. The change by the Government mid 2014, meant we could not get a broadband plan, only satellite at an exorbitant price. So we have continued to use our WiFi 4G mobile modem. 7Gb for \$50 per month. We have to carefully monitor our phone and data usage all the time.	5/27/2015 11:42 PM
65	Satellite is all that is available to us and it is slow and expensive when compared to other broadband options. NFF is also aware of this issue.	5/27/2015 11:28 PM
66	We can only currently use wireless and depending on usage on the tower and weather we will a level of service. The costs with that are high compared to ADSL user in town and our data monthly allowance are so small for that cost.	5/27/2015 11:22 PM
67	Slow, drops our often	5/27/2015 11:03 PM
68	Not enough data per month and way to expensive.	5/27/2015 10:50 PM
69	NBN are useless. I have tower nearby but they refuse to connect	5/27/2015 10:42 PM
70	We have wireless broadband which is very expensive because apparently its transportable. We don't have the option of ADSL, cheaper internet and faster speeds because we couldn't get a "land line" when we built our house. Our internet is limited to browsing because we can't download movies - internet is too unreliable and plans too expensive because its wireless.	5/27/2015 10:17 PM
71	Each time I ran the test, the results varied considerably.	5/27/2015 10:10 PM
72	It is slow	5/27/2015 10:09 PM
73	we have applied for adsl numerous times, but have been advised that all the ports are exhausted. We have to pay high price for internet and provider will not match the price or speed our neighbours are getting. They can not offer anything else. We are extremely disadvantaged with the speed and cost compared to those in Melbourne	5/27/2015 10:05 PM
74	It is unbelievable that there is no adsl option available to us. Wifi is expensive, slow, and restrictive - totally archaic!	5/27/2015 9:16 PM
75	Our satellite dish needed repairing a couple of weeks ago and as it is out of warranty it cost \$784 for the repairs.The technician also told us that our internet speed is 20 times slower than normal.We do not have mobile phone service at the house and rely on the land line for communication but many people don't understand that there are regional areas that do not receive mobile phone coverage and they continue to try and reach us on the mobile which means we often miss out on important information.	5/27/2015 8:53 PM
76	Couldn't get into speed test as my iPad doesn't have the latest iOS. WiFi Internet ltd to 15Gb as infrastructure won't allow more. Cost? \$109 p/m!!!! Anyone with ADSL gets unlimited for 1/4 the cost. Mobile service non existent unless you have a Smart Antennae AT A COST!! In the paddocks?? Haha!! No service! Rural disadvantaged big time.	5/27/2015 8:30 PM
77	It varies a lot Tried to download got 3/4 way through then run out of time It is pathetic .	5/27/2015 8:22 PM
78	Service through Telstra landline ADSL is both lousy and unreliable. NBN is not available and Broadband phones drop out every call.	5/27/2015 8:07 PM
79	I live 90 minutes from Melbourne, between Kyneton and Heathcote near Mia Mia and have patchy 3G voice coverage, patchy 3G SMS coverage and minimal 3G data coverage. Cannot get NBN Wireless Broadband at my property.	5/27/2015 7:43 PM
80	new NBN system doesn't seem any quicker than the old wideband system we had.	5/27/2015 7:38 PM

Broadband Survey

81	Sometimes takes a long time to connect and is very slow, particularly during peak times.	5/27/2015 6:48 PM
82	I have increased the plan and seem to always go over the limit yet I am using it far less. Seems that the Gigabites have shrunk in size. In the past I could use the internet quite a lot and never go over the limit. Not so anymore.	5/27/2015 6:41 PM
83	Highly variable speed, good at 5.00am	5/27/2015 6:33 PM
84	ADSL via Telstra continually dropped out and slow. We moved to DCSI Wireless as soon as available.	5/27/2015 6:16 PM
85	We have exhausted our complaints through Telstra/Bigpond Faults, and the Telecommunications Industry Ombudsman. We have internal 'smart antennas' and an external 'yargi' antenna to no affect. The signal is weak, slow, congested and Telstra inform us that we are in a 'non commercial' area and they have no plans to either improve the wireless signal or to upgrade our 'legacy' telephone exchange. No such thing as ADSL in the Indigo Valley.	5/27/2015 5:43 PM
86	We have a farm business that covers several sites. We can only get tower internet from one site. The others can only receive mobile phone internet which is slow and unreliable. We have alarms and computer systems that rely on internet to alert us to animal feeding and emergencies the internet affects how well we can respond to these alarms. We could also stop having a person on call 24hrs if we had reliable internet.	5/27/2015 5:36 PM
87	Ours drops out for hours at a time. one of our properties has taken 4 months to get a connection (still not done) stay tuned.	5/27/2015 4:59 PM
88	Appear to be just outside the area, which will benefit from the NBN.	5/27/2015 4:31 PM
89	I have been with activ8 for 8 or so years and the longer I have been with them the worse their "service " has been. I am supposed to be on the Nbn satellite, what a joke.	5/27/2015 4:20 PM
90	As our broadband and our mobiles, there are places on our farm which are inaccessible to the connectivity. This means that our broadband to laptops sometimes do not connect.	5/27/2015 4:16 PM
91	Yes. The upload and download ratings are not totally accurate as the rates fluctuate dramatically according to the time of day and weather. In fact we keep exercise equipment next to our computers to exercise whilst we are waiting. Drooping out frequently happens particularly when doing bank work on line.	5/27/2015 4:14 PM
92	it is slow it and the moible phone service is very poor can't get it only in certion places on the farm	5/27/2015 3:54 PM
93	Telstra wireless connection is faster than Activ8 satellite. Been advised by Telstra that other service providers often split 16 channels into 32 and 64 which slows connectivity. Speed better early morning and late evenings indicating system is overloaded. Had wireless speed improved recently when Telstra tech support rebooted modem.	5/27/2015 3:43 PM
94	No broadband yet	5/27/2015 3:41 PM
95	Telstra is shit, service, speeds, data packages & costs. As we live in a valley, only 40km from regional centre, we don't have access to any other major ISP's and no ADSL or NBN. Hostages to Telstra who won't do anything to help	5/27/2015 3:35 PM
96	Just very slow and very limited	5/27/2015 3:32 PM
97	I feel country people are being charged way too much for the amount of data we are able to download, compared to city people we are very disadvantaged.	5/27/2015 3:25 PM
98	We will be connecting to the NBN broadband in the very near future.	5/27/2015 3:24 PM
99	My son, who lives in Melbourne, often complains re our internet speed, but after having dial-up, ADSL is much quicker. Just occasionally, it gives me grief, especially when my husband wants me to find something quickly!	5/27/2015 3:23 PM
100	Suffer from repeated drop out of our internet connection - sometimes on a daily basis. Have to reset the modem which could take 30 mins before a full connection happens. When working, all is fine.	5/27/2015 3:15 PM
101	That the most I can access is 25 @ a cost of \$125-150 a month	5/27/2015 3:14 PM
102	We have had to buy a Yagi aerial and Telstra amplifier/repeater to get a mobile signal into our home this cost was ours and was close to \$1000	5/27/2015 3:09 PM
103	Please improve!	5/27/2015 3:04 PM
104	variable speed dependent on time of day. use 3g modem as no suitable landline exists Plans are restrictive on 3g and data allowance flat and capped at 15gb month for 3 years.	5/27/2015 3:03 PM

Broadband Survey

105	Internet service is too unreliable too slow not enough data and too expensive. Mobile coverage is patchy resulting in loss of service unable to operate basic business functions required to efficiently run and maintain a small business.	5/27/2015 2:58 PM
106	We have tried satellite and wireless before joining NBN wireless. It is faster than the old services but consistency of speed is not as good as promised. We have direct line of site with tower with no trees to disrupt the signal but we still have signal failure and drop outs.	5/27/2015 2:42 PM
107	With 3 teenage children in the house, Internet is vital to our lives. We all need it for learning, homework, pleasure and business. Ours is ok but can often be slow.	5/27/2015 2:40 PM
108	I am very disappointed that the maximum plan we can get is 15Gb per month. With 2 teenagers in secondary school, who need to access the internet for school, as well as internet banking and communications needs of living and working in a rural area, and running a business in a rural area, 15GB per month is easily used up, and then our internet connection is slowed and it makes it nearly impossible to conduct business for the rest of the month. We have no choice of providers here, and do not look like getting NBN anytime soon.	5/27/2015 2:40 PM
109	It is very annoying having to restart the modem several times per day	5/27/2015 2:39 PM
110	We got what we voted for I suppose. We need to have broadband, and we are being ripped off in the country. My children get amazing deals at very low costs in Melbourne and internet and the associated productivity are not an issue for them.	5/27/2015 2:30 PM
111	While the package we have is cost effective, the data quantity adequate and the Aussie Broadband technical support excellent we find the inconsistent speed (upload and download) and frequent connection difficulties frustrating and often a significant imposition to our business when internet banking, website production, email sending (espicially with attachments) is compromised.	5/27/2015 2:29 PM
112	All this money is being spent on upgrading city and major towns internet that is already at adequate speeds. Because we don't have access to Adsl we have to pay exuberant prices for wireless with very little data allowance. Yet people who already have Adsl are getting upgraded to mhm. I just doesn't make sense.	5/27/2015 2:16 PM
113	Sometimes it just stops, no data.	5/27/2015 2:16 PM
114	I live in Newborough - farm is adjacent, area is well supported but phone lines are old hence the slow speed.	5/27/2015 2:15 PM
115	Even the smart antenna telstra gave me doesn't help Internet speed. I could walk into town to the bank quicker than internet at time.	5/27/2015 2:12 PM
116	over recent months sometimes speed is very slow not sure why. with our buisness having 3 internet connections it becomes very expensive especially if onegoes over allowance unused data isnot credited on other connections	5/25/2015 11:33 AM
117	Very unreliable & unpredictable! Disappointing is an understatement.	5/25/2015 7:50 AM
118	Speeds are very variable related to the time of day, and day of the week	5/23/2015 5:47 PM
119	It is rediculus that you have to use satellite to connect to internet and even worse that basic phone service is so poor and outdated in so many rural areas in australia	5/23/2015 3:24 PM
120	it worked fast when it was first hooked up and gradually slowed down at times dial up would be faster	5/22/2015 9:04 PM
121	Sometimes it is very fast and other times extremely slow. internet and landline are bundle	5/22/2015 5:51 PM
122	No	5/21/2015 12:59 PM
123	We have the NBN Dish and it is hopeless. How can you run a business in this day and age with snails pace! We have to do our Banking after 11pm at night, otherwise can't do it. Mobile Phone reception, we have to go out to the back paddock to sent text messages!	5/20/2015 11:22 PM
124	Lousy! Just like the mobile phone coverage.	5/20/2015 4:23 PM
125	Has jmproved markedly recently, after being very poor.	5/19/2015 10:10 PM
126	Reliability is getting slower	5/19/2015 3:35 PM
127	Currently residing in Donald as we are doing renovations at the farm and therefore the download and upload is much quicker here than at farm. We often have problems with the internet dropping out and we often go over our allowance as we need it for the farm and secondary students with homework and need for internet access. Very frustrating!	5/19/2015 1:07 AM

Broadband Survey

128	Out where we live I can not get any internet or a provider to supply I use my iPad I'm desperate to connect the Internet at home please help	5/18/2015 9:21 PM
129	The connectivity is usually okay, but there are massive blackspots. There are only certain places in my house where I can make phone calls. Depending on the day will determine whether I am able to download things with reasonable speed and how many goes it take to download.	5/18/2015 7:41 PM
130	I run an IT business, and find that most people outside of larger towns have the same problems: Slow, unreliable, expensive, internet with poor data limits. Pricing issues aside, Satellite internet services are unsuitable for many business applications due to the delay involved in sending the communications via space. This will be the case with the NBN Satellite too, once it happens. I do not believe that the NBN is going to help many people in rural and remote areas, as there will be an insufficient number of wireless towers, with only a 14km maximum range. Because of this, I am investigating setting up my own Fixed Wireless Internet service, with the aim to cover mainly areas that will miss out on NBN wireless. I am still trying to determine it is viable. I will be in contact if I decide to proceed. Happy to help out with anything if I can be of assistance somehow.	5/18/2015 7:04 PM
131	I am the local rsd postie. I drive 230 Kms a day. 5 days a week. The phones are out of service for most of that time. Some places u can text. But not ring. This is pafetic service.	5/17/2015 11:21 AM
132	I had reasonable internet connection on ADSL for nearly 10 years. In the last year the service has become so poor it has effected how I can work at home. I have spent money to change all equipment at telstras suggestion with no difference. There service workes have been unable to identify why speeds are so slow in the home.	5/17/2015 2:00 AM
133	I run a small engineering business servicing horticulturalists. slow overpriced internet severely limits our ability to build our business and provide the service that our customers need.	5/16/2015 9:45 PM
134	I have been advised that a 4G device may help.	5/16/2015 9:17 PM
135	Extremily slow during the evenings No service for my laptop unless I plug into the Telstra provided outside higain antenna on the roof of my house Absolutly NO mobile phone service here /disgracefull in this day and age	5/15/2015 10:55 PM
136	generally ok have had some issues with router but pretty well sorted now. DCSI has been pretty good about help.	5/15/2015 9:51 PM
137	Too slow and drops out regularly	5/15/2015 6:45 PM
138	Telstra maps say we have excellent coverage but that is a FARCE! We can't get ADSL, wireless drops out a lot, and the satellite is OK at times but we can't increase our download allowance until a new satellite is launched and are running out within 2 weeks. Shaped internet is horrid. Trying to see if we can improve wireless connection as a last resort. But doubt the coverage will improve.NBN Fixed wireless will NEVER make to our area - told by Telstra rep Wednesday. Any brilliant solujtions??????	5/15/2015 5:48 PM
139	no	5/15/2015 5:30 PM
140	Need better reception at Jarklin	5/15/2015 4:53 PM
141	terrible and Telstra keeps saying to keep calling but no upgrades are given. We are only 9 km from town yet have no access to ADSL nor Cable nor NBN!!! it's frustrating	5/15/2015 4:03 PM
142	Too expensive for the data allowance. Windy conditions disrupt service. Feel that we are disadvantaged by living on the farm, compared to service available in towns.	5/14/2015 9:51 PM
143	Telstra modums are crap	5/14/2015 5:00 PM
144	Good to see you are doing this because we feel we are being left behind in business and socially due to our poor internet service!! I don't watch movies because it is too unreliable and would take all our download but have done the odd webinar.	5/14/2015 11:50 AM
145	Far too expensive and as websites get 'bigger', those of us with limited GBs are even more disadvantaged.	5/14/2015 11:35 AM
146	Satellite connection will not function at all during busy periods e.g. weekends / school holidays. Activ8me technicians advise that the satellite is oversubscribed. This situation did not exist 3 years ago when it functioned well.	5/14/2015 10:55 AM
147	One test of speed only gave download of 0.68Mbps and upload of 0.12Mbps then dropped out. The figures given above were on another day	5/14/2015 10:17 AM
148	We need NBN	5/14/2015 9:10 AM

Broadband Survey

149	I have been to the TIO over the slow and unreliable service provided. Telstra have told me the transmitters in the area are congested and they have no plans to upgrade them at this stage. They regard this complaint as 'resolved'.	5/13/2015 11:24 PM
150	Some people in our area who have been able to convince a carrier ie Active 8 to come out and test reception have been able to get the NBN even though telestra say it's not possible according to their mapping. We all need to be given the opportunity to test if it's possible to receive it particularly when it cuts of Close by.	5/13/2015 10:29 PM
151	The NBN Wireless is excellent for those who are lucky enough to be able to receive it. The ones who really need it are the same ones who are too far out of town to get ADSL. The NBN will not transmit more than 14 kms from the tower. If you are any further away it is bad luck. We are lucky we can still get Wireless from the Telstra network but it is frightfully expensive s for very little Megabytes. We pay \$99 for just 15 megabytes. If you can get NBN Wireless it is as cheap as \$79 for unlimited megabytes. ADSL is the same. Unfortunately the rollout of the new super dooper NBN hasn't catered for the ones who need it most - the ones who can't get ADSL. NBN are bringing out a new Satellite service but previous experience with Satellite suggests it is very inferior to ADSL or Wireless NBN. If anything comes out of this survey, you could suggest to NBN Co that the equipment they are using needs to be able to transmit data for at least 30 km's not 14. It is discrimination against country people. Thank you for reading my comments.	5/13/2015 10:28 PM
152	Low data allowance for high price and heaps of can not load page	5/13/2015 10:07 PM
153	Why can't we get broadband as the wireless internet access here is very unreliable for what we pay	5/13/2015 10:06 PM
154	Compared to city & town people I think country people are being charged way to much, for the amount of data they receive.	5/13/2015 9:46 PM
155	Far to slow, drops off frequently. Mobile Phone no service Its about time country people received some support as we rely on phones and internet for our business	5/13/2015 9:29 PM
156	It is slow, especially at certain times. Our mobile coverage is pathetic	5/13/2015 6:50 PM
157	VERY POOR AND SLOW.	5/13/2015 5:52 PM
158	connectivity, particularly in relation to mobile devices varies greatly across the LGA and locally for farmers across their properties creating significant issues in this era of greater technology based farming.	5/13/2015 5:13 PM
159	I use a windows phone not Android and there is no option for that in this survey - We should have connectivity of 1,000mps and I currently have just under 2 and a lot of people I know think I am lucky - Most people don't get the economic benefits that could be derived if we had world leading state of the art connectivity and most people are satisfied with just the next level to what they already have. We need the best or we will lag behind in development - Yes we need the best available!!!!!!!!!!	5/13/2015 5:04 PM
160	We are on the Interim Satellite Service. It has broken down. We have to wait till proper NBN satellite or WiFi to be back to normal. That can take a year. In the meantime, the ISS is still earning money through us without giving the required service.	5/13/2015 2:20 PM
161	It is awful and very difficult to know which plan is suitable. City people have great deals and we are stuck with expensive ones. We are holding out hoping that something better may arise?	5/13/2015 1:41 PM
162	mobile phone coverage is crap for both optus & telstra	5/13/2015 9:38 AM
163	My partner is renting an office in town because the speed is not fast or reliable enough to run an online business	5/13/2015 12:00 AM
164	Mobile phone service is very very limited therefore it seems that broadband will be a long time coming	5/12/2015 11:33 PM
165	One question not asked in the survey is how much data we purchase per month. We pay \$105 for 15 Gb. We have been advised by both Telstra & NBNCo that our area will never have wireless NBN and that only Satellite will be available. We have used Satellite before & will not use it again - also from what we understand, the pricing & data will not be much different to what we currently get. We would love to be able to download movies, use a 'Smart' TV, allow our university kids to watch their lectures & download notes when visiting home and Skype relatives, but our data does not allow for this. We fear that as NBN is fully rolled out - we, the 2% not covered will not have the data to keep up with technological communications & increased data requirements of the future.	5/12/2015 10:42 PM
166	5 mins, try about an hour. Are we EVER getting the NBN in Manangatang? Connecting fine, it's just slower than a wet week. Complete waste of time trying to watch/listen to anything online - can't be done at my speed, which was the best I could get when ADSL became available here.	5/12/2015 9:44 PM
167	unreliable and slow	5/12/2015 8:20 PM
168	It is unfairly slow with prohibitively small data available for the cost	5/12/2015 7:05 PM

Broadband Survey

169	My internet was not good enough to log on and complete speed test	5/11/2015 10:32 PM
170	Extremely variable - sometimes fast, often slow	5/11/2015 9:30 PM
171	POOR MOBILE RECEPTION	5/11/2015 9:26 PM
172	internet connection is ok for general browsing but struggles with skype and is slow for net bank and poor video.	5/11/2015 7:35 PM
173	only rare mobile phone reception available. need connection to roof aerial for computer wifi reception. not available throughout house.	5/11/2015 5:57 PM
174	The 15 gb doesn't last very long for the amount we have to pay	5/10/2015 7:56 PM
175	Despite weekly phone calls to Telstra, they cannot/will not do anything to improve service. Being 70k's from cbd Melbourne and we still can't get reliable internet.	5/10/2015 4:02 PM
176	Our area of Murrindindi Shire is poorly served with signal strength. 3G USB device barely works. we take the iPad to a special tree to get some signal! Central Taggerty has good signal strength. We are too far from the exchange to have ADSL connected we have been advised.Have had Ipstar, but stopped working noe USB Dongle from Telstra	5/10/2015 3:49 PM
177	Don't know when we will be able to access NBN	5/10/2015 3:04 PM
178	Have now been forced by Tax Office to complete BAS online,which can time out . Only 11 kms away in town ,people who can get ADSL get heaps cheap , wish we could get it . Being regional is a real disadvantage !	5/10/2015 2:24 PM
179	We have no option but to use satalite because of our extremely poor mobile phone coverage.If something could be done to improve this we would be happier	5/10/2015 1:25 PM
180	Sometimes good, sometimes slow, sometimes not connected.	5/10/2015 9:40 AM
181	Hopeless, sometimes won't connect. Can take a very long time to connect to websites. Mobile phone very patchy, got to be in the right place to work. Very bad for business.	5/9/2015 11:42 PM
182	Using smart phone for this survey. Mobile broadband is unreliable. Conducted speed tests over school holidays and when the page did not time out, the download speed was 12kbps. Could not even do banking. Having survey monkey is not a great medium for this survey because it is contingent on having internet access to complete	5/9/2015 10:06 PM
183	It works adequately during off peak times but becomes very slow in peak times. However it is so slow compared to the city where we could get ADSL.	5/9/2015 10:00 PM
184	It is adequate most of the time, but is more expensive and slower than you find in the city etc.	5/9/2015 9:50 PM
185	Any minute now would be good !!!	5/9/2015 8:19 PM
186	I am not very computer literate but we suffer from black spots which means I do not use my mobile very much.	5/9/2015 6:19 PM
187	Too expensive for too little. No info on when or if we will ever get NBN.	5/9/2015 2:28 PM
188	did not do speed test as doing survey from ADSL in Bendigo. comments on survey relate to internet availabilty on the farm. the internet thru the 3G is usually ok but slows when congested. When working well not much different to the ADSL avail to us in Bendigo	5/9/2015 1:43 PM
189	we pay around \$50-\$60 per month for 8 gig of data. We are 500metres too far from the terminal. There are four of us in this household and it is very frustration.	5/9/2015 11:16 AM
190	Sorry i could not give you my download speed as I am away from home at the moment	5/9/2015 1:26 AM
191	Slow, Drops out...	5/9/2015 12:01 AM
192	It's dreadful. NBN modelling suggested our farm could receive fixed wireless NBN, but tests onsite found the signal was far too weak. No solution available.	5/8/2015 11:29 PM
193	Works well.	5/8/2015 10:02 PM
194	Extremely poor	5/8/2015 6:24 PM
195	Telstra must put 4g right thru Melbourne to adelaide. It's all the social network traffic that's clogging it up	5/8/2015 6:12 PM

Broadband Survey

196	The combined cost and slow speed limits the use I make of the internet. I do use it for business reasons on behalf of my parents who are VFF members, as well as personal use. We needed to install two different antennas to get the service we have. The Telstra SmartAntenna was expensive and is only 3G compatible but there is little likelihood of an upgrade to 4G here. I have recently had to replace the wireless modem and that has been an unpleasant surprise. It is battery operated, but does not even last 24 hrs on a single charge. It is exasperating to be having to attend to it so frequently. If they had told me how often I would need to reconnect/recharge I'd have probably just used my iPad's hotspot capacity and purchased an AirPrint capable printer.	5/8/2015 5:09 PM
197	good speed in middle of night	5/8/2015 4:51 PM
198	The whole of the Willow Grove exchange needs upgrading. Everybody in the community is experiencing internet & telephone disconnections and problems and Telstra are in Willow Grove on a weekly basis fixing lines for people. There is also a new Housing Estate being established and the exchange doesn't have enough room for more telephone lines. Telstra keep turning a blind eye to the issue. Us country bunks need the internet more than the people in town and in the city!	5/8/2015 3:18 PM
199	I have NBN satellite internet which is not capable of transmitting any Video program. I would have thought that with all the hype on the quality of NBN the service should be much better. Mobile phone reception is one bar.	5/8/2015 2:30 PM
200	We find it satisfactory.	5/8/2015 2:16 PM
201	Just I cannot to internet sometimes, maybe for two or three days in a row	5/8/2015 12:06 PM
202	Currently on two 3G plans, one for mobile phone and one for home. Only reason it works well at home is because I had to install a telstra smart antenna (cost of \$800) otherwise service would be poor. Hopefully can get nbn fixed wireless later in the year where plans seem to be better. Cheers	5/8/2015 12:03 PM
203	Phone connected to NBN modem but it occasionally cuts out even though internet still works	5/8/2015 11:12 AM
204	The speed test took nearly 10 minutes, so I didn't finish it as it was taking toooooo long!!	5/8/2015 10:46 AM
205	Would enjoy down load speed being a little better varies during the day	5/8/2015 9:36 AM
206	Satellite provider states that the Aust Gov. does not allow them to offer same speeds as the NBN will provide !	5/8/2015 9:30 AM
207	Most days can't even log on let alone do a speed test.	5/8/2015 9:25 AM
208	blackspots with extremely poor mobile coverage in the are north of Stawell and north of St.Arnaud are a barrier to business and unfair on residents. Connectivity has become an essential service as the world moves to cloud.	5/8/2015 8:29 AM
209	Question 9. I use a Nokia Lumia Windows smart phone.	5/8/2015 7:49 AM
210	We cannot access a mobile phone service provider at our house. If we could we would be able to select a mobile and broadband service which would save us money rather than paying \$50 for 4gb. If we had faster download speeds we could access books, films and other entertainment we at present have to drive 5 hours to access in melbourne.	5/8/2015 5:55 AM
211	Our business is increasingly being impeded by the further reduced speed and service of mobile coverage and internet. We used to have significantly better coverage in the "bagphone" days. We cannot use netbank and basic safety issues are now of great concern. In the last 3 months have spoken to 16 telstra consultants and been on the phone to them for 11 hours in total and finally extracted an admission the kerang tower is now grossly overloaded. I was promised this would be addressed by the end of April. No change at all! We are now exploring legal avenues regarding gross misrepresentation of coverage. Cheers	5/8/2015 2:05 AM
212	99% of telstra employees dont even know fixed wireless broadband exists. whilst fixed wireless broadband is an acceptable service it is ridiculous that we pay the same amount for data as those using 3G on mobile data, but we can only access the service via a large fixed aerial and have none of the benefits of mobility.	5/8/2015 12:53 AM

Broadband Survey

213	Without reliable & reasonable connectivity agricultural businesses and progress is severely limited. These limitations showcase the widening gap in technology and innovation between the internet 'have's' and 'have not's, they will only increase over time from here forward. Some of our own issues include: limiting RFID technology gains & full use in managing sheep; limiting access to online & realtime support for technologies; utilising drone technology; internet buying and selling of livestock; marketing ourselves via the web & social media; responding to clients efficiently, effectively & timely & potentially using video clips to showcase animals; upskilling & lifelong learning; OH&S on farm; accident & emergency contact ability on farm; pursuing post graduate online studies; future access to medical advice & diagnosis in rural areas; simple access to meetings held via Skype or other online platforms; increasing costs of transport, time and access to information/ products/ services to compensate for the lack of internet access on farm/ at home; inability to shop online efficiently; inability to research online efficiently; inability to maintain easy peer contact via cheap online technologies, especially for overseas or interstate peers...that's just a start!	5/8/2015 12:04 AM
214	We can see the new NBN tower but we can't access it due to the terrain. I often drop out whilst paying my bills online. Oh, and text me - don't call.	5/7/2015 11:53 PM
215	Too slow and too congested especially during day on 3g network. Too expensive when compared to what is on offer to city customers on adsl	5/7/2015 11:30 PM
216	Can only access wireless broadband very expensive for the amount of data.. \$60.00 for 8gb.	5/7/2015 11:13 PM
217	how about asking about poor phone reception also!	5/7/2015 10:59 PM
218	despite being close to a NBN tower they refuse to connect me	5/7/2015 10:52 PM
219	Cannot work speed out	5/7/2015 10:39 PM
220	my mobile dose not work at parts of the farm including the kitchen table	5/7/2015 10:27 PM
221	very slow	5/7/2015 10:12 PM
222	Huge number of black spots in mobile coverage across Victoria because multiple carriers do not share coverage from towers. Compared with China while travelling in remote areas there were no black spots.	5/7/2015 9:59 PM
223	Unreliable and inconsistent connection speeds at different times of the day. The cost of 3g/4g plans is very high for small amount of data (4gb is \$35 per month) this data allowance is only enough for basic internet browsing, banking and email. unable to use cloud accounting as internet connection is unreliable	5/7/2015 9:53 PM
224	need better mobile phone coverage to make the area safer & bring us up to the standard of 3rd world countries. cheaper phone, mobile & internet at better speed	5/7/2015 9:53 PM
225	For the same price, in town the Internet is much faster, doesn't drop out and is ten times the data	5/7/2015 9:50 PM
226	The one minute speed test stopped after 12 minutes.Mobile phone and internet services are very poor in this area.	5/7/2015 9:17 PM
227	speeds vary often but do not receive the speeds we are suppose too and is extensive and not a capped limit, and do often receive drop outs..	5/7/2015 8:59 PM
228	I may have checked the wrong box ie supply type we have NBN satellite which is hopeless i recently rang my provider to down grade my plan from 20gb as i would never be able to achieve this amount of data download at the current speeds and was told the new plans were max 10gb due to some fair usage ruling from the NBN and the difference was 10 bucks so i left it but found the fair usage bit rather amusing considering we can sometimes barely open an email and online banking is simply out of the question, let's hope the new birds they are sending up boost the damn thing. i spend half my time in Melbourne with work and it's driving me nuts	5/7/2015 7:46 PM
229	Sometimes it is slower than other times	5/7/2015 6:58 PM
230	It drops out regularly, very annoying when in the middle of internet banking or when using accounting software such as ZERO.	5/7/2015 5:58 PM
231	Where we live, no broadband available. No mobile range. We do have satelite connection, but this not available in our area any more. We have a rental property, no broadband internet or mobile, so we can't rent because they all want these facilities. So an empty house.	5/7/2015 5:23 PM
232	Tired of it not working at night and having to pay so much for so little just because we live in the country.	5/7/2015 5:01 PM
233	lack of good reliable reception all the time	5/7/2015 4:56 PM

Broadband Survey

234	Have made many complaints to Telstra about our internet speed as mostly we can't get speeds above .6Mbps. They say the exchange has too many customers on it and is too far away from our property. Highly frustrating	5/7/2015 4:51 PM
235	We currently can only access 27GB and it costs \$130 per month. For the same price in Melbourne we would get 500GB. Trying to run our businesses from here is almost impossible - we have 40 employees and all accounts/wages are done via the internet. We run out of bandwidth every month and we are very careful in the way we use it (no watching of movies or downloads of games etc).. It is simply not adequate (or equitable). We cannot access ADSL as the local exchange is not upgraded to cope with it. We are 8kms from the Twelve Apostles and during summer when it is busy, the signal completely disappears for the entire afternoon - both internet and phone service.	5/7/2015 4:43 PM
236	fickle at times. Cheaper mob broadband offers available but difficult to shift based on so much linked to bigpond email	5/7/2015 4:06 PM
237	I can't get a mobile service in my home at all and slow access to Internet that drops out. Can't access the wifi in other rooms either	5/7/2015 3:49 PM
238	it is terrible but do not have other options	5/7/2015 3:19 PM
239	No coverage for Mobile Phone , Internet extra slow very frustrating for country people.	5/7/2015 3:09 PM
240	We don't have Broadband as yet	5/7/2015 2:53 PM
241	absolutely disgusting	5/7/2015 2:23 PM
242	we had new equipment installed last year due to compulsory upgrade-it is no better than the previous equipment and more expensive but we had no choice	5/7/2015 2:18 PM
243	Plans for internet very expensive for very little data download compared to local towns nearby who get unlimited data for the same as I am paying for 8 Gb. Mobile reception useless, minimal service so only on prepaid credit. Telstra does really nothing to improve the discrepancy between rural and town services. No point changing as no-one else is any better. Live between Boort and Kerang. Very difficult to run business if someone contacts you on mobile	5/7/2015 2:16 PM
244	Wireless is very expensive compared to adsl or nbn. The nbn is on very go slow roll out.	5/7/2015 2:15 PM
245	Line faults-very slow to attend and repair faulty line adequately. Initially tried to bypass the faulty line but eventually had to dig up and replace faulty line. Two lengthy periods in the past year without service, the first being 1 month without service, the second approx. 10 days. Landline & internet both out, just a patchy mobile service. Driving to nearest town for internet & email-VERY FRUSTRATING.	5/7/2015 2:14 PM
246	I didn't do broadband speed test cause I'm in Melbourne right now and it would be much quicker than home.	5/7/2015 2:00 PM
247	Connecting and speed is issue that needs to be addressed	5/7/2015 1:59 PM
248	our home phone bundle does not include our mobiles, they are on separate accounts and coverage for them is pretty average. One is with Telstra the other with southern	5/7/2015 1:51 PM
249	Recently got NBN - which is heaps better than the nothing we had. Our mobile phone coverage here is very sketchy - lucky to get one bar in most places.	5/7/2015 1:49 PM
250	broadband on prepaid mobile is very expensive.	5/7/2015 1:36 PM
251	Need it to do business. Phone and laptop only work in one small part of the house and very patchy on the road.	5/7/2015 1:34 PM
252	Broadband is slow and frustrating, when the fibre cable runs 1.4 km from my farm house, yet it will be several years until I am connected. The bigger concern is the mobile black spots, leave home and within ten minutes it drops out and have to wait until ten minutes out of Kerang to get reception.	5/7/2015 1:21 PM
253	It's very directional in nature; it follows the highway in alignment and as such I really struggle unless I lean out the kitchen window	5/7/2015 1:12 PM
254	Shelford is a black spot area with no mobile coverage.	5/7/2015 1:07 PM
255	We are limited to the amount of internet we can get as we can only use wireless 3G. We can not use the internet for webinars as the internet is too slow and keeps stopping.	5/7/2015 1:06 PM
256	The biggest issue is that it is so variable, some days it works well at certain times of the day and others it is pretty much un-usable, pretty hard to run a business when it is just so un-reliable.	5/7/2015 12:58 PM

Broadband Survey

257	We are only able to get service from Telstra which makes it very expensive. I have lodge many complaints with Telstra regarding our poor service over the last 5 months.	5/7/2015 12:57 PM
258	I am fine at home with my wifi - (they have added a tower to my roof because of blue gums) but if I go inland there is no Optus coverage which is not good enough. CDMA worked really well - "Line of Sight" is absolute shit	5/7/2015 12:37 PM
259	NBN has made the world of difference for us. Can I please have a copy of the results of the survey?	5/7/2015 12:23 PM
260	3g broadband is possibly fast enough, though the quota is low compared to adsl plans. Though horsham has nbn fixed wireless, I miss the map foot print by say 1 km. and the greenlake exchange will most likely never have adsl. If NBN wireless was available I could get 100g of internet and home phone unlimited for 60 dollar a month. With faster speeds to boot. Maybe a special deal for country people with 3g as the only option, say larger plans , less money , mandated by law.	5/7/2015 12:22 PM
261	Telstra tested but the signal was not strong enough to connect to the national broadband scheme.	5/7/2015 12:22 PM
262	Over the years the satellite connection has become progressively slower	5/7/2015 12:20 PM
263	Our children require internet access to complete school work. This is impossible, as they are unable to connect to the school website to work on assignments & puts them at a significant disadvantage to their peers.....when coupled with a 3 + hour journey to/from school each day, it seems more than a little unfair!	5/7/2015 12:19 PM
264	No	5/7/2015 12:01 PM
265	Too slow for the amount we pay- bring us wire to home NBN!	5/7/2015 11:49 AM
266	It is our Mobile Phone and Tablet Service that is absolutely terrible. We have been promised a new tower for a number of years and it has not eventuated as yet. It is very hard trying to run a business using a mobile phone.	5/7/2015 11:47 AM
267	Inconsistent and slow	5/7/2015 11:36 AM
268	Our mobile and wireless Internet service is severely affected at peak periods apparently by extra users who visit the area, contractors and people returning home at Christmas to visit family. Our mobile coverage flutters from 2 bars to no service at all (half our farm watchem area). Unsatisfactory for oh+s and the many other requirements of running a business. Thank you for conducting this survey.	5/7/2015 11:23 AM