

Aboriginal Cosmology: Telecommunications and technology.

Marianne St Clair & David Murtagh
Northern Institute, Charles Darwin University



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CDU, 20-22nd February, 2019.



Some of our projects:

- National review of telecommunications and telehealth (ACCAN).
- Laynhapuy Telehealth Project (Dept Infrastructure).
- Tropical Rock Oyster Knowledge Ownership and Capacity Building Project (TNRM).
- Managing the risk of Rabies incursion in Papua New Guinea and Northern Australia (Department of Agriculture & Water Resources).



Telehealth



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Challenges for telecoms/telehealth:

- Remoteness
- Unreliable telecommunications – fixed line comms (microwave phone)
- Unreliable power – typically generators which produce voltage variability and outages
- Dust
- High Temperature and Humidity
- Lack of adequate broadband
- Clinic staff turnover
- The need to diagnose by phone
- The unexpected!



Telecoms out bush:

- Landlines (radio phone)
- Telstra mobile phones
- Telstra public phones
- NBN Satellite



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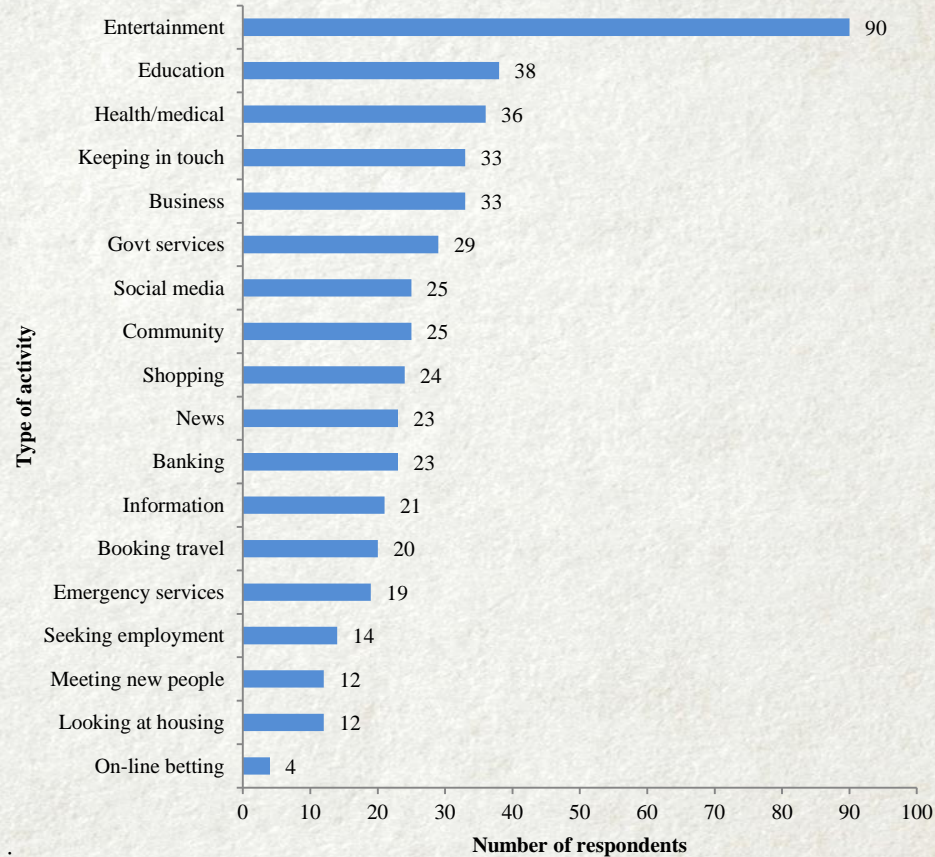


RACKPAC



territory
tidy towns

People
would like
to use the
internet for:



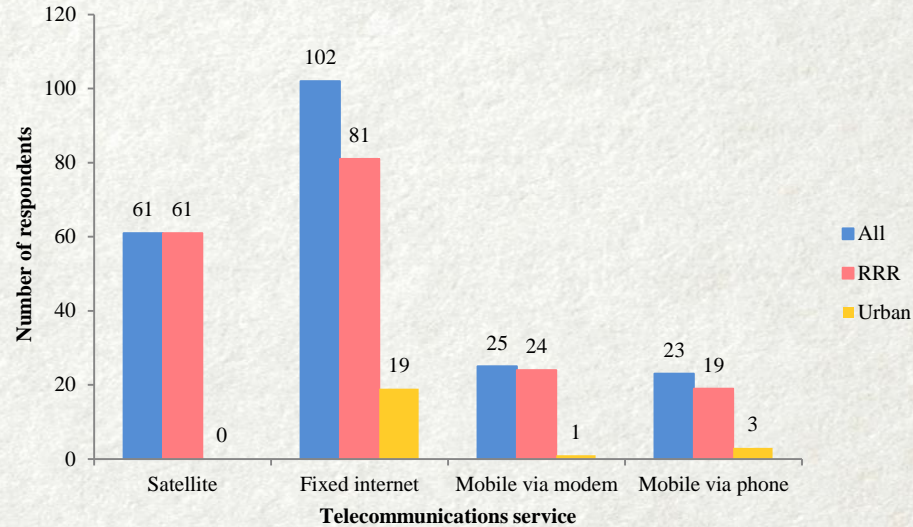
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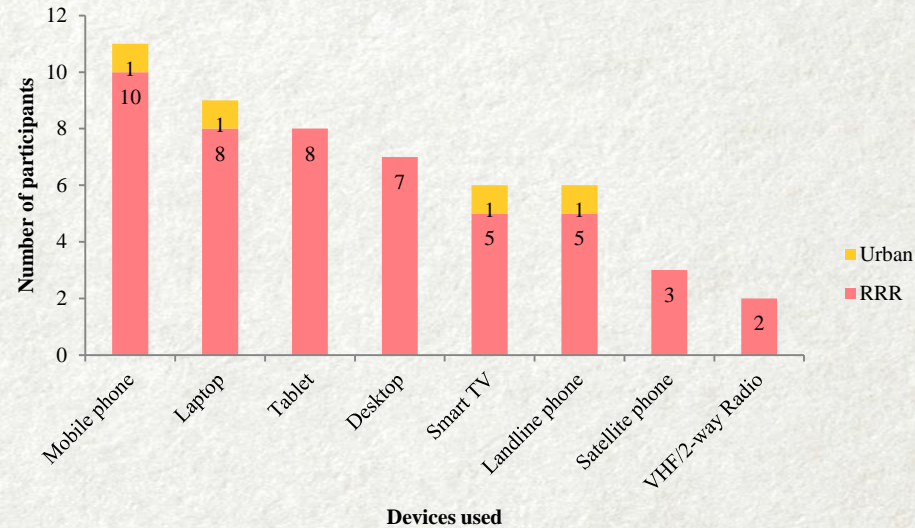


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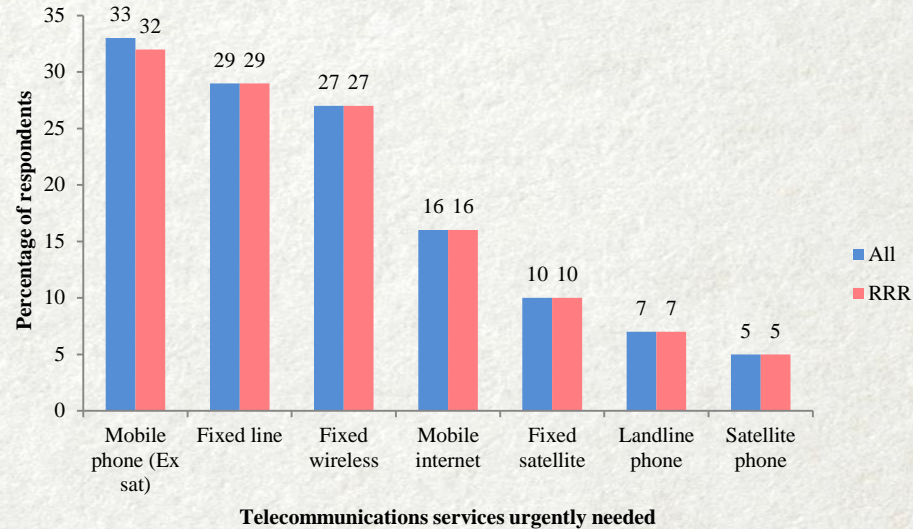
Main type of internet used at home:



Devices used – case studies:



Telecommunications services urgently needed - Survey



No Urban people needed additional services!

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Warruwi

Gawa

Galiwinku

Bremer Island

Yirrkala

Dhalinybuy

Gurumuru

Garthalala

Gan Gan



WELCOME
TO
GURRUMURU





Gran Gran Community Office









nbn
local

TOYOTA **LAND CRUISER**



**MARTHAKAL
HOMELAND
RESOURCE CENTRE**

HEALTH DEPARTMENT

nbn
local

INDIGENOUS
GRADUATE CENTRE OF EDUCATION





“A minimal standard of internet should be made available to all citizens. NBN is socialism with front facing capital skin! Like Medicare – only works if everyone is forced to buy in....

Everyone needs to contribute – Its huge!

NBN needs minimum level of connectivity (bandwidth) for citizens and government services – need access a basic service for everyone.... this is a digital inclusion conversation.”

“...and if a person wants better services they pay extra.”

Case study participant



Community Wifi: What Could It look Like?



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Marianne St Clair

David Murtagh

Regional Economic and Workforce Development Team,

Northern Institute

Casuarina Campus (Yellow 1.2.54)

Ph 8946 7651

marianne.stclair@cdu.edu.au

Tim Saul

Head, nbn local SA/NT

0467 812 632

timsaul@nbnc.com.au

Broadband for the Bush
Indigenous Focus Day VII



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Questions?

- Suggestions?

• Thank you!

Dundee Beach, Marianne St Clair