

Arctic Council

Task Force on Telecommunications

Infrastructure in the Arctic

February 8-9, 2016

Tromsø, Norway

Survey on Telecommunication & Broadband Needs in the Arctic Results

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The University of the Arctic

Survey on Telecommunications and Broadband Needs in the Arctic

Tue, Nov 10, 2015



UArctic Members and individuals in the communities they represent are asked to contribute feedback on Telecomm, Internet, Broadband needs of their organizations and communities for input to [Arctic Council's Task Force](#) on Telecommunications Infrastructure in the Arctic. Please take part in and distribute this [survey](#) to any individual living or working in the Arctic.

Telecommunications is a very big topic that includes such things as telephone service, satellite service, Internet and Broadband service, VHS, and radio. Arctic Council has formed a Task Force to assess the current state of Telecommunications in the Arctic, UArctic is represented in TFTIA by **Karl Kowalski**, the lead of [Thematic Network on Arctic Telecommunications and Networking](#).

We are asking UArctic members and others to provide feedback on the importance of telecommunications to you, your organizations and community. This study is intended to gather general feedback from as broad a representation as possible to determine which topics may be of further importance to people living and working in the North.

This information will also be important to activity planning for the Thematic Network on Arctic Telecommunications and Networking.

<http://www.uarctic.org/news/2015/11/survey-on-telecommunications-and-broadband-needs-in-the-arctic/>

Posts, Tweets, Retweets and Likes

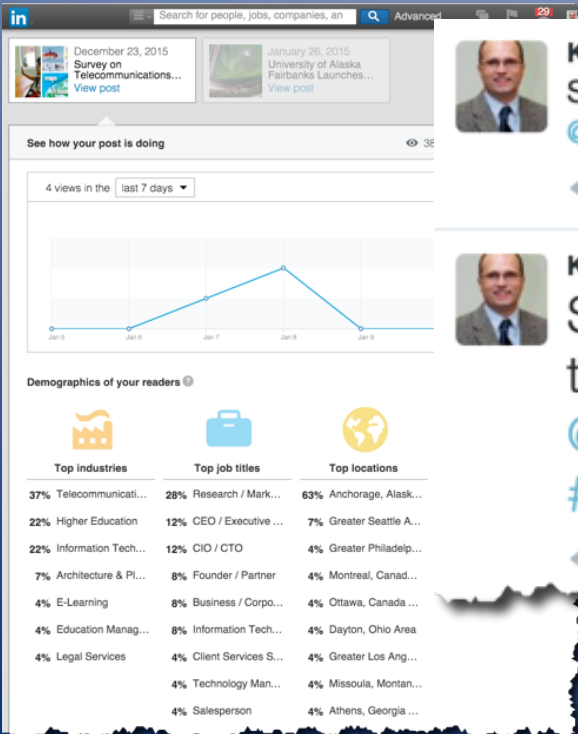


Posts

Published by Karl (2)



Survey on Telecommunications and



Karl Kowalski @karl_kowalski · 24 Nov 2015

Survey: Telecom and Broadband Needs in the #Arctic bit.ly/1IHPYme @ArcticSynthesis @KugluktukRadio @arctictweets @ITK_CanadaInuit

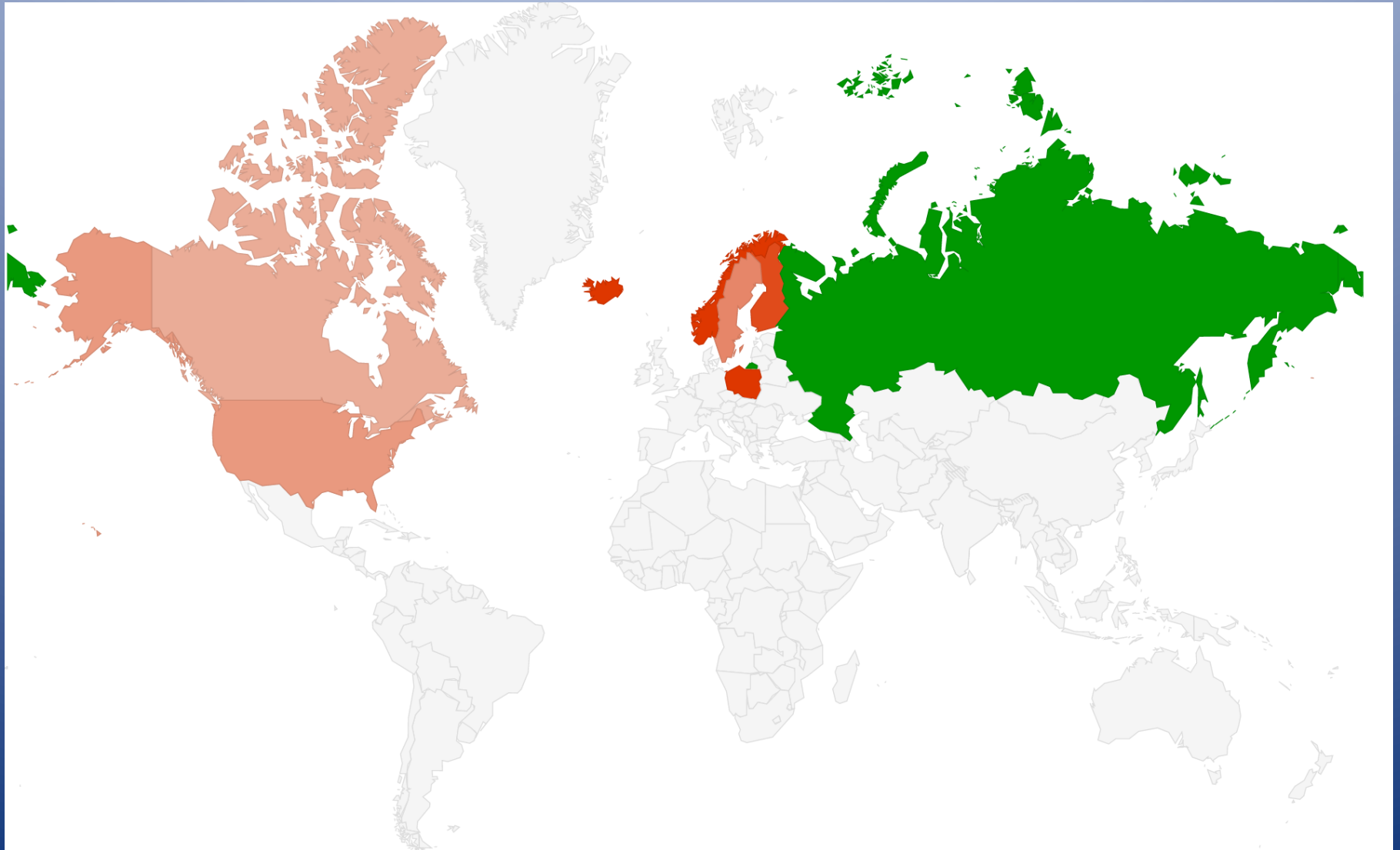


Karl Kowalski @karl_kowalski · 24 Nov 2015

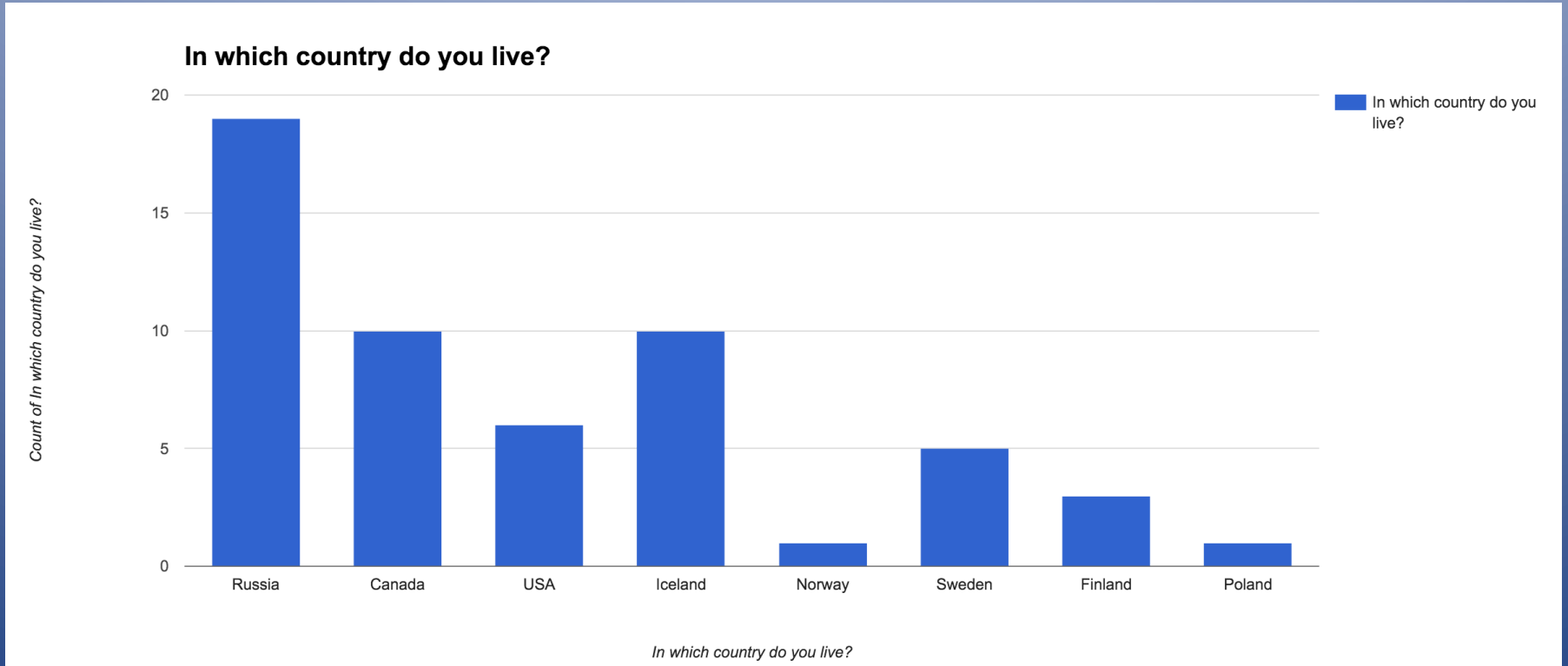
Survey: Telecom and Broadband Needs in the #Arctic bit.ly/1IHPYme @ArcticInstitute @ArcticCouncil @USArctic @uarctic #broadband



Participating Countries

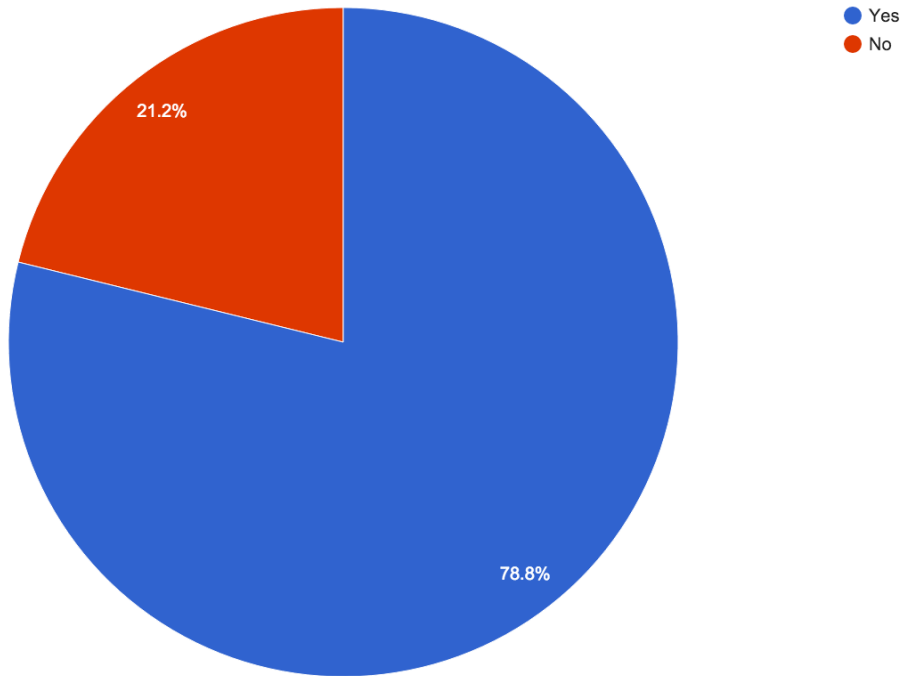


Distribution of Responses by Country



Uarctic Membership

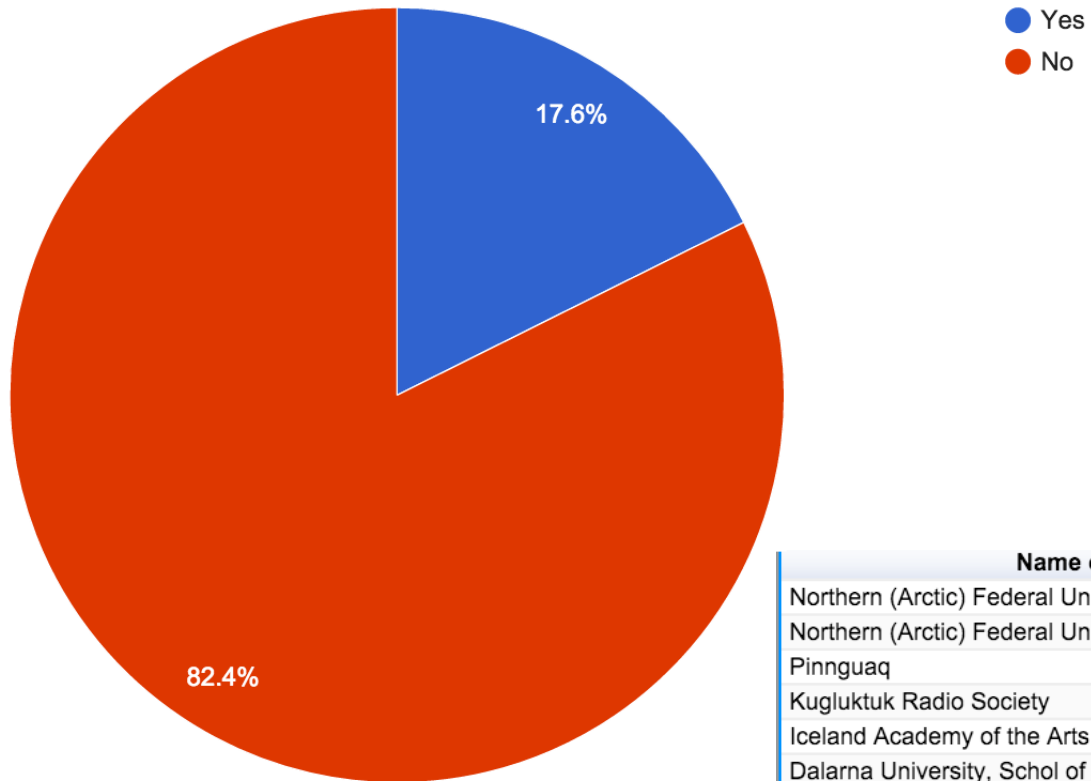
Count of Are you a UArctic member?



If yes, Organization Name
Northern (Arctic) Federal University
Northern (Arctic) Federal University
Nunavut Arctic College
Northern (Arctic) Federal University
Pskov State University
Komi Republican Academy of State Service and Administration
Herzen State Pedagogical University of Russia
Herzen State Pedagogical University of Russia
Baikal State University of Economics and Law (Filial)
Yugra State University
Ural Federal University
Taymyr College
Naryan-Mar Social Humanitarian College
Yakutsk State Agricultural Academy
Northern National College
Nenets Agrarian Economic Technical School
Northern (Arctic) Federal University
Buryat State University
Ukhta State Technical University
Qaujigiartiit Health Research Centre
University Centre of the Westfjords
University of Alaska Fairbanks
Yakutsk State Agricultural Academy
UiT The Arctic University of Norway
University of Akureyri
Abisko Scientific Research Station
Iceland Academy of the Arts
Iceland Academy of the Arts
Cape Breton University
University of Lapland
University of Akureyri
University of Manitoba
Scandinavian Seminar Group
University of Saskatchewan
Arctic Athabaskan Council
University of Alaska Fairbanks
Iceland Academy of the Arts
Iceland Academy of the Arts
Iceland Academy of the Arts
Sámi Education Institute
Stockholm University
Murmansk State Humanities University

Other Organizations

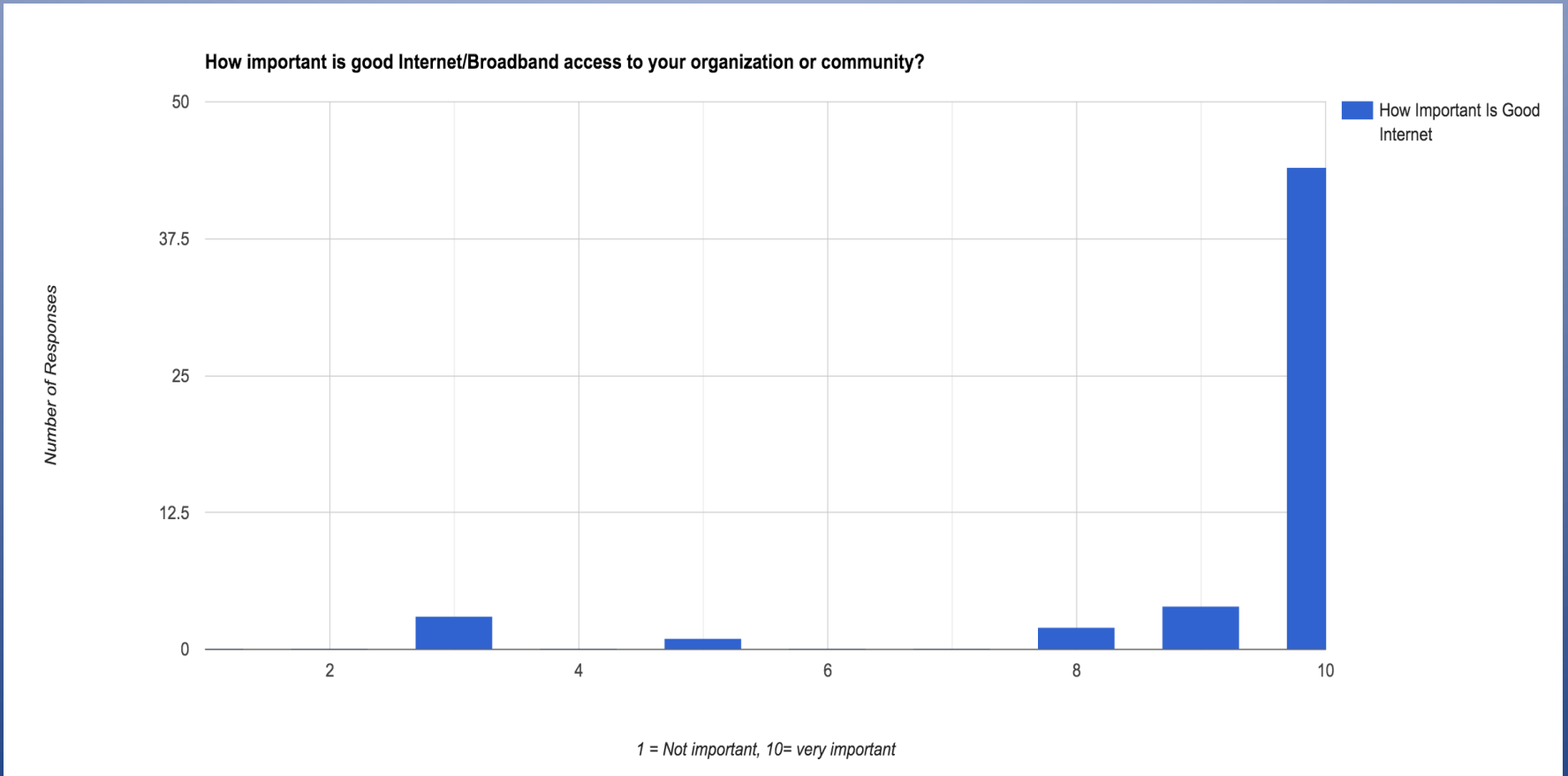
Count of Do you represent another organization?



Name of other Organization:

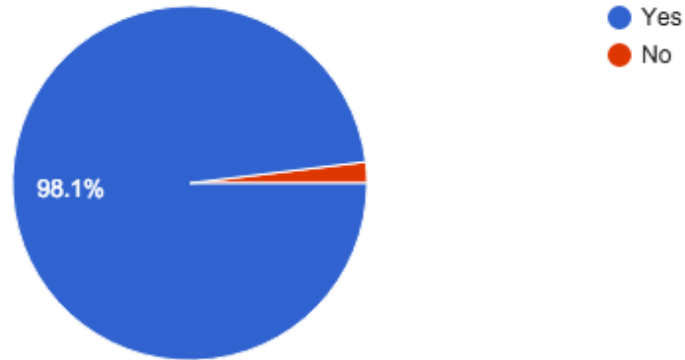
Northern (Arctic) Federal University
Northern (Arctic) Federal University
Pinnguaq
Kugluktuk Radio Society
Iceland Academy of the Arts
Dalarna University, Schol of Technology and Business Studies
Centre for Polar Studies, University of Silesia, Poland
Lund University
Nulato Tribal Council
Chickaloon Native Village
Univ. of AK

Importance of Good Internet

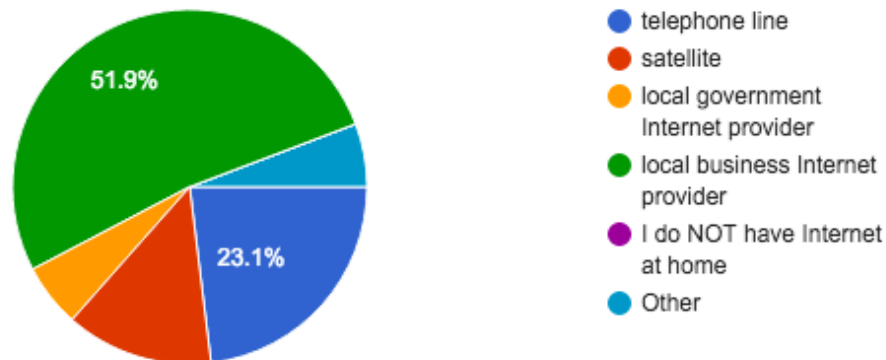


Availability of Home Internet

Do you have Internet access in your home? (52 responses)

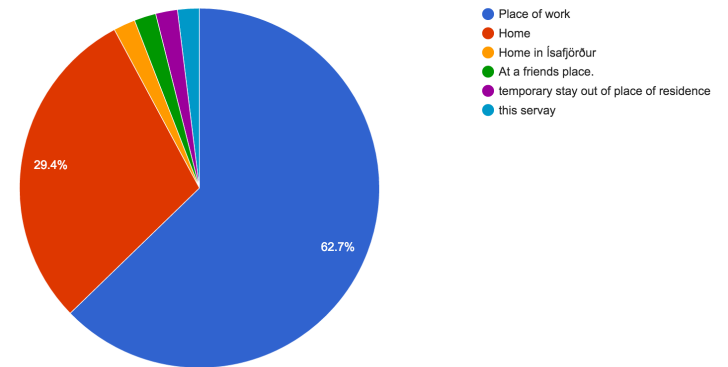


How do you connect to the Internet in your home? (52 responses)

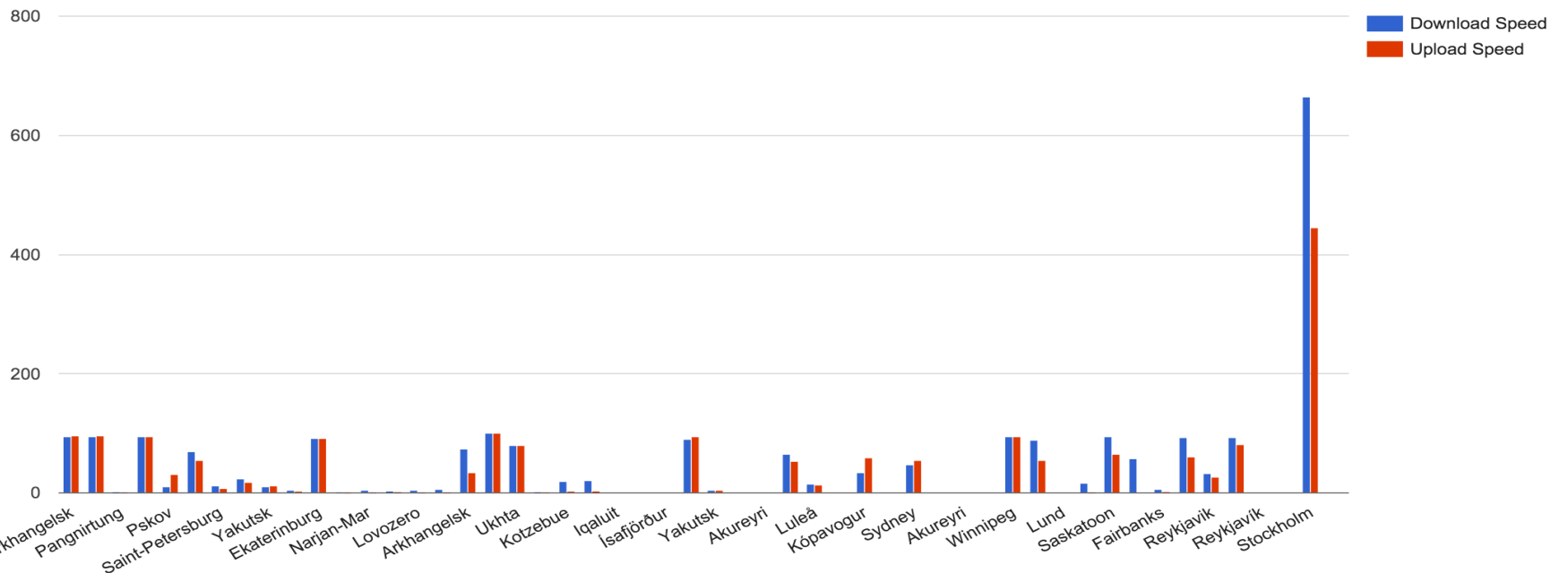


Download-Upload Speeds by Community Respondent

Count of Where did you perform this speed test?

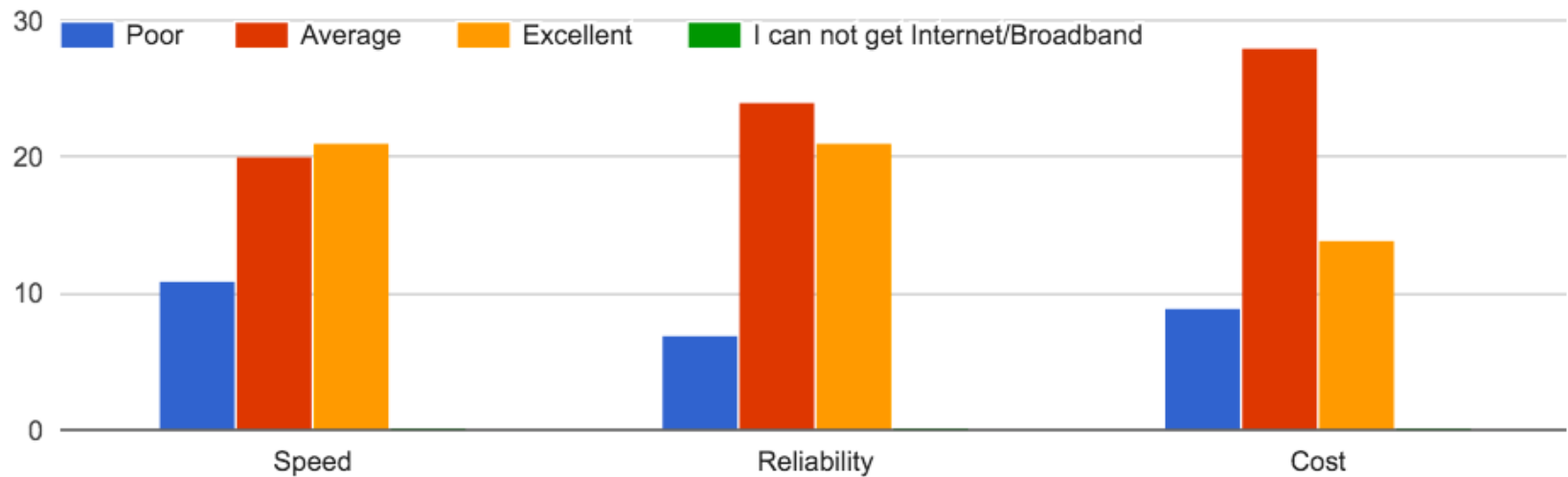


Download/Upload Speeds by Community Respondent

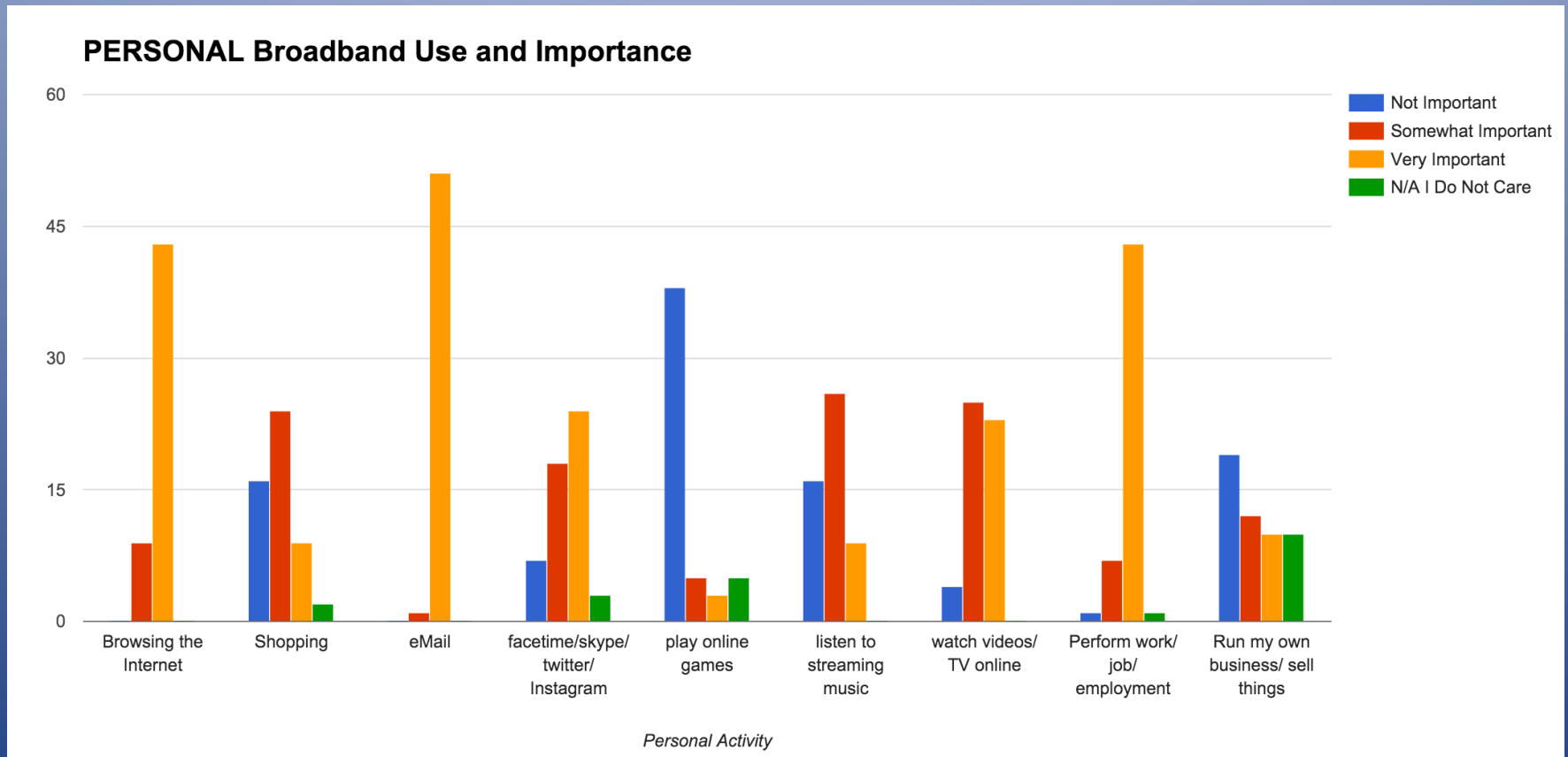


Speed, Reliability & Cost

How would you describe your current Internet provision?

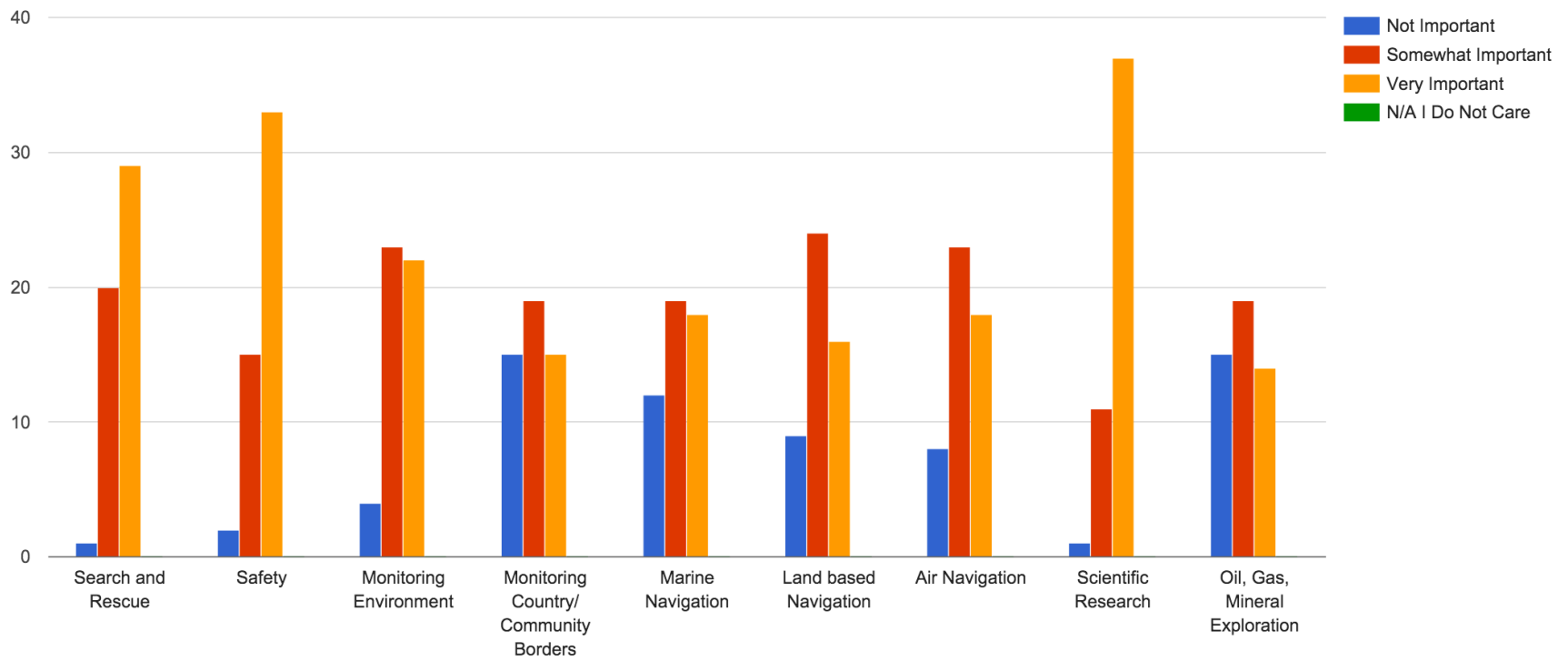


Personal Internet Use and Importance



Community Internet Use and Importance

Community Internet/Broadband Use and Importance



Community Internet/Broadband Use

Please share any examples of public private partnerships that have been successful in providing telecommunications or Internet service to your organization or community.

"The fact it exists in Nunavut is a step in the right direction. So hurrah for SSI Micro and the Federal Government. However it is woeful. Absolutely woeful."

"We have the company TTK
(Telecommunication Company)"

"Local community worked with local utility to get federal grant to install fiber backbone to existing DSL system, bringing direct fiber to the local school. They also installed internet cafe at community center with 2 years free internet."

"GCI BROUGHT TERRA INTERNET TO KOTZEBUE LAST YEAR. A FIBER OPTIC SPUR HAS BEEN PUT IN PLACE THIS SUMMER IN HOPES OF CONNECTING TO A FIBER LINE FROM LONDON TO TOKYO."

"none that directly benefit service for small business"

"Rostelecom"

ITIA 08-Feb-2016

Please comment on any other telecommunications/Internet concern you may have.

Government censorship
and continuing decline of
Internet freedom in Russia.

Internet freedom in Russia
and continuing decline of

**"ONE CANNOT RUN A BUSINESS
IN NUNAVUT WITH THE
CURRENT INTERNET SPEEDS.
WE CANNOT STAY
COMPETITIVE, WE CANNOT
STAY IN TOUCH."**

"There is some lack with optical
lines in Yakutsk City cause of very
high expense for it developing in
some districts of city that is out of
downtown.

Therefore used wireless
communication is limited in rate
and volume and pretty expensive for
long time duration of use."TFTIA 08-Feb-2016

*"We also run a radio station and stream
live. It costs over \$12,000/year for 15gigs
dedicated up 24/7 at a constant 64kbps.
We don't download. In the south, the
same service with tax is just under \$1,000.*

*The provider also allows their monitoring
packets to count their 'echoes' as usage so
we are always being told we use up more
internet than we actually do, and then we
have to bicker about what we should
really be charged (based on actual usage).
We send the provider our usage stats and
ask them to change their delivery settings
so we don't get over charged each month.
Most customers would not do this and just
except getting over billed each month.*

*Such cost and quality of service makes it
near impossible for small business to
utilize the internet."*

Questions, Comments