

Oregon Connections

Next-Generation Bandwidth and Regulation – Good and Bad

TAP INTO THE MOST VALUABLE BROADBAND RESOURCE AVAILABLE



Building Fiber-to-the-Home
Communities **Together**



Global FTTH



2 Million Subs



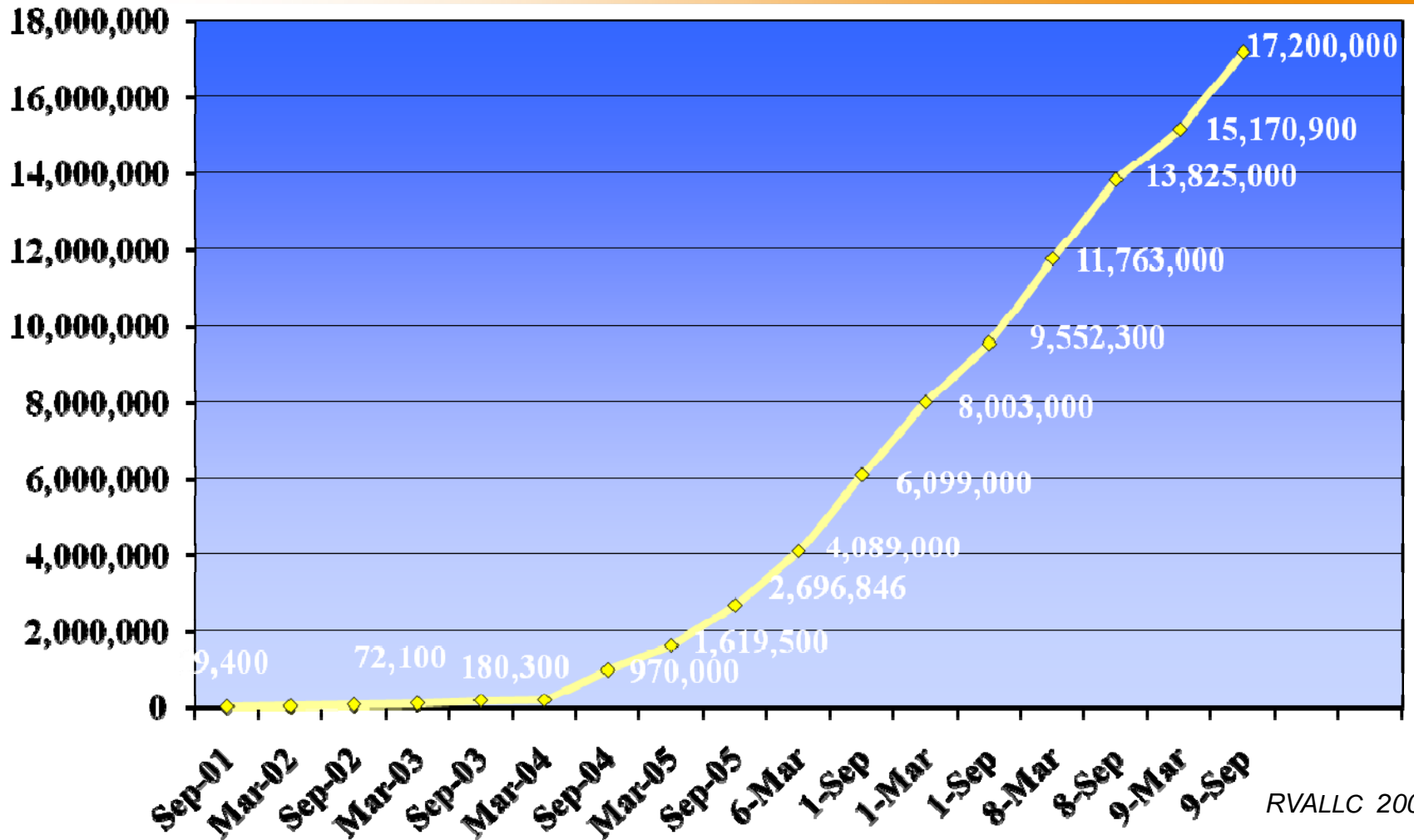
28 Million Subs



FTTH council | fiber to the home

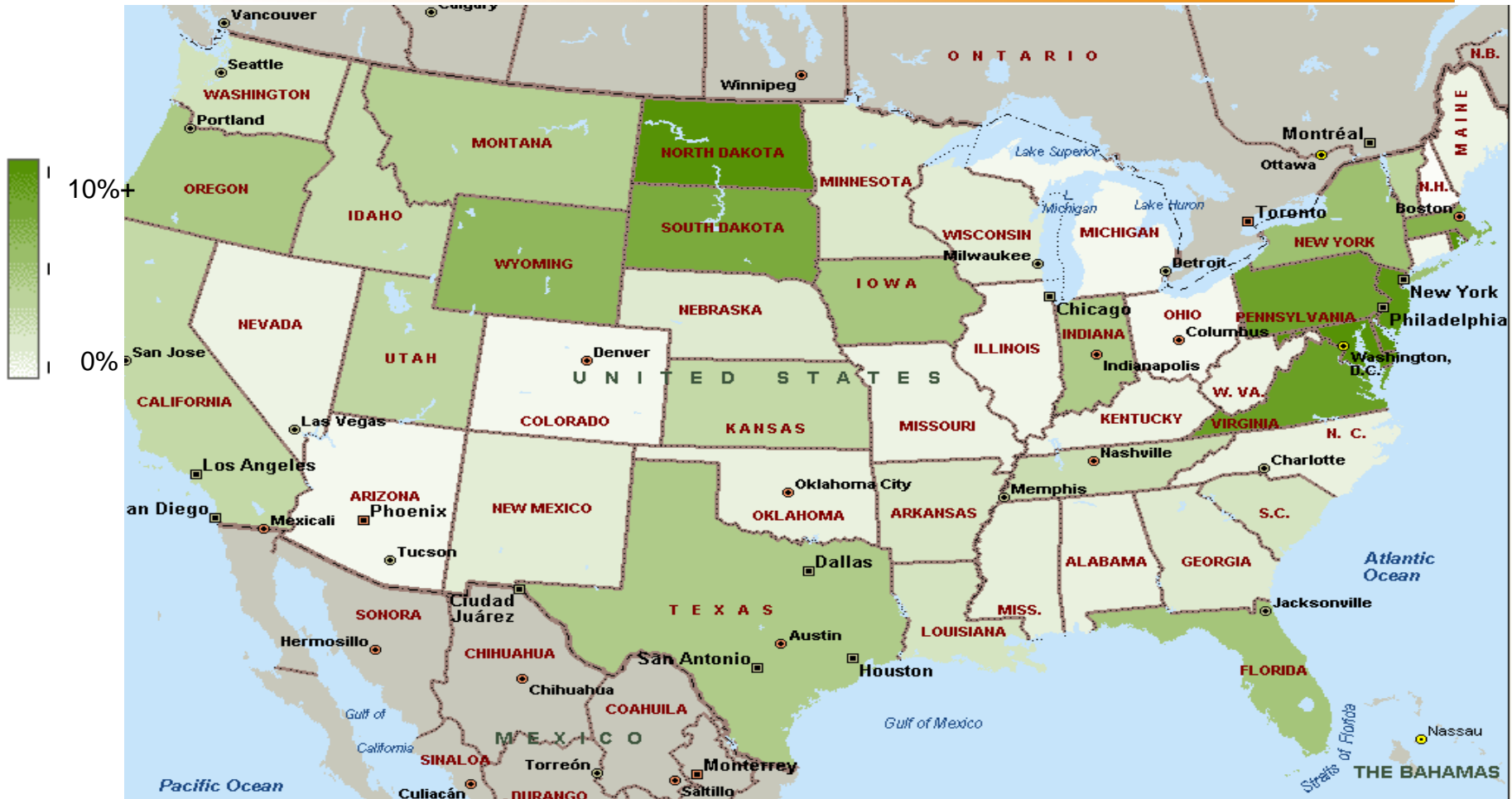
6 Million Subs

FTTH Homes Passed



RVALLC 2009

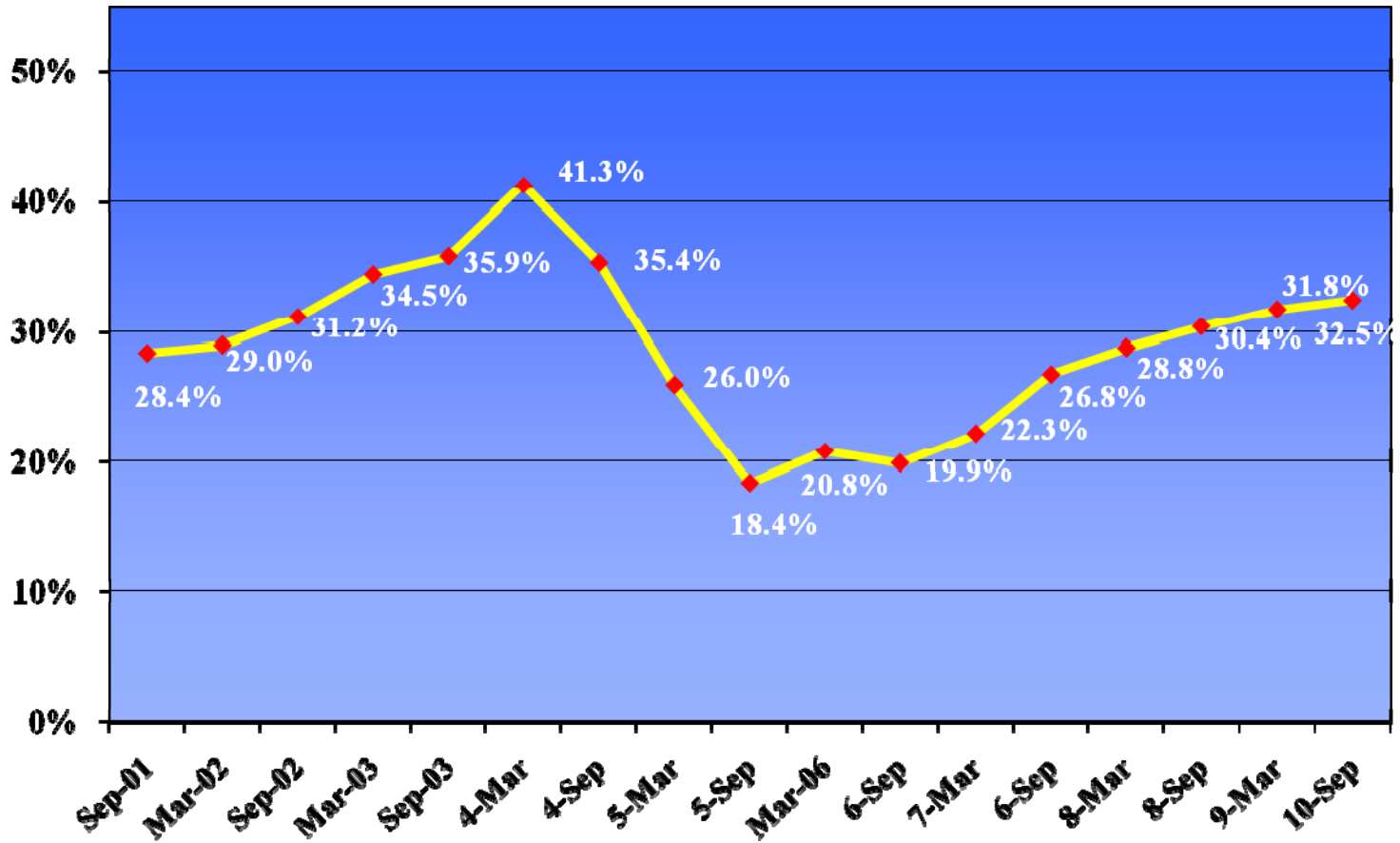
FTTH Penetration By State



RVALLC 2009

Overall Take-Rate For FTTH

(Cumulative – North America)

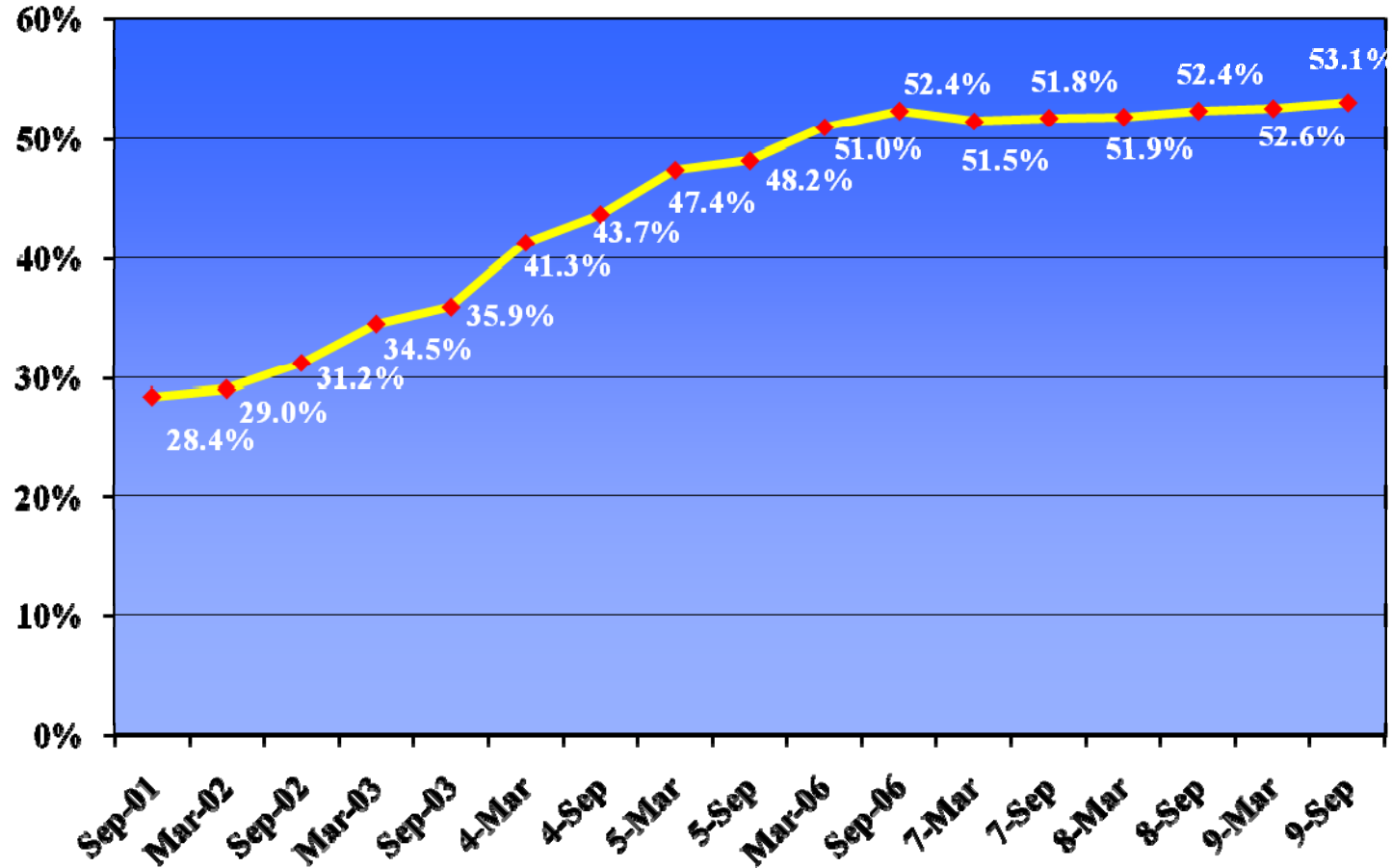


Note: Percent of all homes-marketed taking something over fiber..

RVALLC 2009

Overall Take-Rate For FTTH Non RBOC

Cumulative – North America By Year



RVALLC 2009

2009 Research Shows FTTH Users Work Nearly Two Additional Days Per Month At Home Due To FTTH

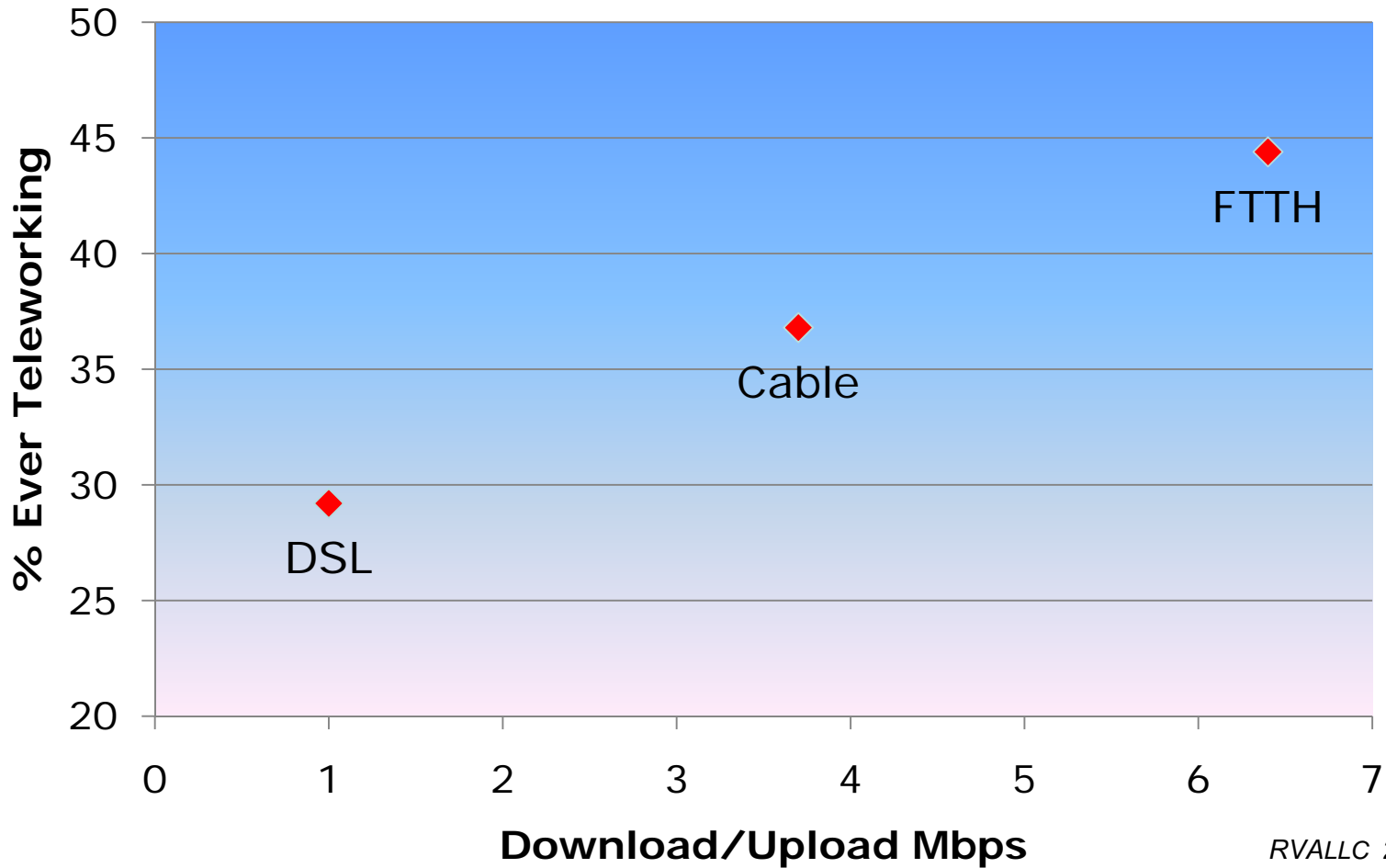


Days worked from home increased:

- Nearly 17% work more from home directly because of FTTH – an average of 12 days more

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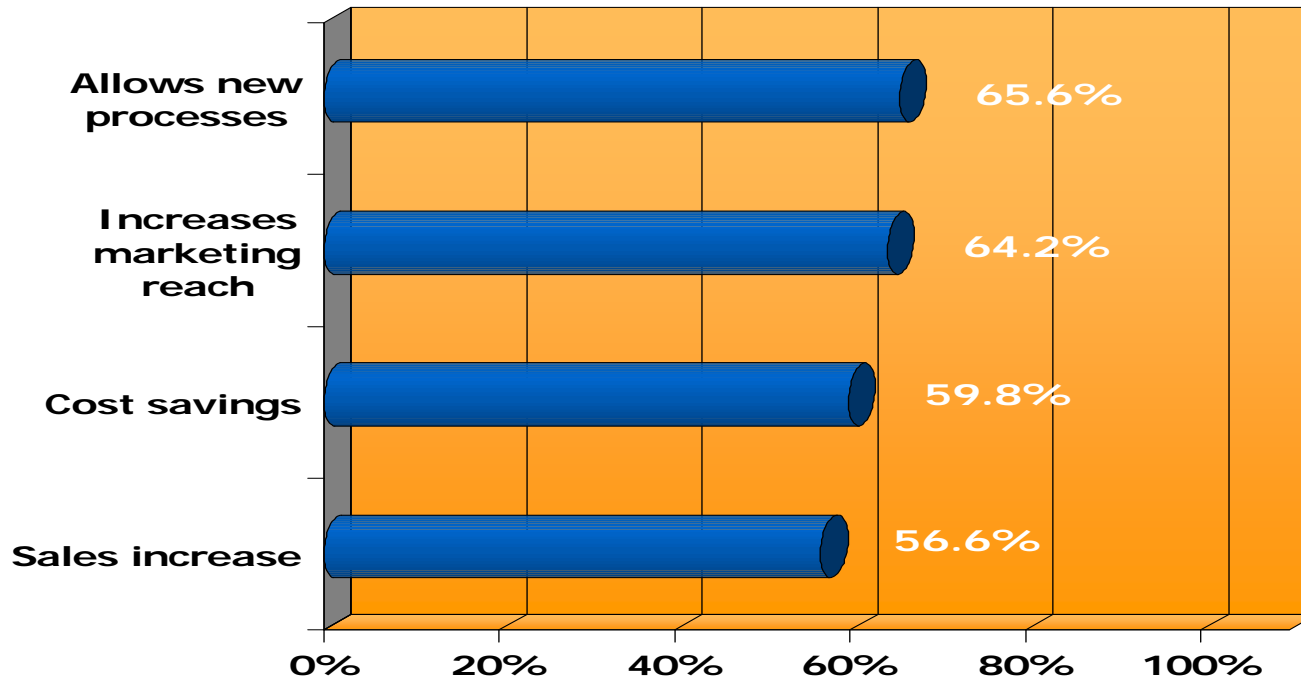
Telework To Broadband Speed Correlation



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The FTTH Comparative Advantage

FTTH Impacts Cited as Beneficial by Businesses in Three FTTH Communities



Based on 2007 survey of 261 Businesses in Bristol TN, Jackson TN, & Reedsburg, WI By SNG

Government Affairs and Advocacy

- Pushing Congress for a “100 Mb Nation” **broadband policy**
- Advocating for FTTH deployment in the **economic stimulus** programs
- Working in state legislatures to **lift barriers and open markets** to FTTH deployment



Regulation Good and Bad

- 14 States Prohibit or Restrict Municipal Networks
- Access to regional content is limited
- Open Access Networks (Functional separation) –
“Let’s do like Europe did.”

- Subsidized network deployment (Japan, Korea)
- Streamlined, Statewide Video Franchising

BROADBAND: NETWORK NEUTRALITY

FCC Notice of Proposed Rulemaking Proposals:

- **Codify the Four Principles.**

- The Commission proposes to codify amended versions of the four principles the Commission articulated in the *Internet Policy Statement*. The amendments would phrase the principles as obligations of broadband service providers and would alter the fourth principle (pertaining to competition) so that it applies only to broadband service providers.

- **Codify a Fifth NonDiscrimination Principle.**

- The Commission proposes to codify a fifth principle that would require a broadband Internet access service provider to treat lawful content, applications, and services in a nondiscriminatory manner.

- **Codify a Sixth Transparency Principle.**

- The Commission proposes to codify a sixth principle that would require a broadband Internet access service provider to disclose such information concerning network management and other practices as is reasonably required for users and content, application, and service providers to enjoy the protections specified in this rulemaking.

Legislative and Regulatory Goals

- 100 Mb national policy
- Emphasize “future-proof” bandwidth in broadband stimulus programs
- Streamlined video franchising in the states
- Federal legislation removing barriers to municipal deployments
- Lead the drive for accelerated expensing for FTTH deployments
- Oppose network neutrality regulation



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