

# Connect

Your Community to a Brighter Future

CORNING

High-speed internet fuels economic development for communities across an increasingly globally competitive landscape ...



Between 2005 and 2016, output in the digital economy grew **5.6 percent** per year, compared to total U.S. GDP growth of just **1.5 percent**.<sup>1</sup>



The number of work-at-home employees has grown by **103 percent** since 2005.<sup>3</sup>



The availability of broadband in communities has led to a **6.4 percent** improvement in employment growth overall.

Importantly, that growth tends to be with higher paying jobs such as corporate management (**40.8 percent**), utilities (**16.7 percent**), and professional and technical services (**16.4 percent**).<sup>2</sup>



Communities with over **60 percent FTTH availability** have **64 percent better localized GDP** compared to communities with under **25 percent FTTH availability**.<sup>4</sup>



What's most important to you when choosing a community to call home? **Availability of high-speed internet (91 percent)** safe streets (**98 percent**).<sup>6</sup>



What if **10 percent** of underutilizing e-connectivity businesses increased their use of broadband? A community with **3,000** businesses could increase its annual GDP by over **\$6 million**, create 100 new jobs, and generate more than **\$250,000** per year in additional tax revenues.<sup>5</sup>

## And Gigabit services via fiber broadband

is the turbo boost that puts any given community ahead of the pack in today's global economy ...



A community's ability to support the next generation of mobile broadband, 5G, is directly dependent on a 'deep fiber' network. Deloitte Consulting estimates that the United States requires an investment of **\$130–\$150 billion** in fiber infrastructure over the next five to seven years to adequately support broadband competition, rural coverage, and wireless densification.<sup>10</sup>



Deploying the next generation of high-speed 5G wireless networks could create up to three million jobs and add approximately **\$500 billion** to U.S. GDP through direct and indirect potential benefits.<sup>11</sup>



A study of Gigabit communities found that 14-Gigabit broadband communities enjoyed approximately **\$1.4 billion** in additional GDP when Gigabit broadband became widely available.<sup>7</sup>



Satisfaction with broadband correlates with overall MDU property satisfaction itself; but, specifically, fiber-based broadband correlates with **higher property satisfaction**.<sup>9</sup>



Soon after Chattanooga, Tennessee completed its Gigabit network, its mayor reported Chattanooga had experienced the third highest wage growth of all mid-size U.S. cities and had added many high-tech jobs paying an average of **\$69,000** a year.<sup>8</sup>

Let's connect on your vision of a brighter future for your community.

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<sup>1</sup> Bureau of Economic Analysis, U.S. Dept. of Commerce  
<sup>2</sup> Public Policy Institute of California  
<sup>3</sup> Smith, Steve. "The Economic Development Benefits of Broadband." Broadband Communities, May/June 2017, pp. 54-56.  
<sup>4</sup> Brookings Metro Monitor 2017 Dashboard Data 2005-2015. <https://www.brookings.edu/interactives/metro-monitor-2017-dashboard/>  
<sup>5</sup> Strategic Networks Group. Economic Impacts Through Broadband. <http://sngroup.com/broadband-for-your-community-vitality/>  
<sup>6</sup> Fiber Broadband Association and RVA, LLC. "State of North American Broadband 2017." Webinar. <https://www.fiberbroadband.org/blog/fiber-broadband-association-releases-industry-update>  
<sup>7</sup> Analysis Group. "Early Evidence Suggests Gigabit Broadband Drives GDP?" [http://www.analysisgroup.com/uploadedfiles/content/insights/publishing/gigabit\\_broadband\\_sosa.pdf](http://www.analysisgroup.com/uploadedfiles/content/insights/publishing/gigabit_broadband_sosa.pdf)  
<sup>8</sup> McChes, Jamie. "Chattanooga mayor: Gigabit speed internet helped revive city." The Tennessean, 14 June 2016. <https://www.tennessean.com/story/money/2016/06/14/chattanooga-mayor-gigabit-speed-internet-helped-revive-city/85843196/>  
<sup>9</sup> Renter, Michael. "The Tangible Value of Advanced Broadband to MDUs." RVA, LLC. June 2016.  
<sup>10</sup> Deloitte Consulting. "Perspectives: Deep deployment of fiber optics is a national imperative." <https://www2.deloitte.com/us/en/pages/consulting/articles/communications-infrastructure-upgrade-deep-fiber-imperative.html>  
<sup>11</sup> Accenture. "New Research from Accenture Strategy highlights Economic and Societal Impact of Investing in 5G Infrastructure." 12 Jan. 2017. <https://newsroom.accenture.com/news/new-research-from-accenture-strategy-highlights-economic-and-social-impact-of-investing-in-5g-infrastructure.htm>