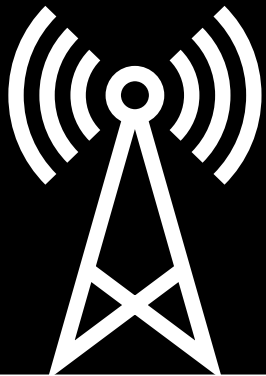


# Unlocking the potential for the broadband allocations in the Infrastructure Investment and Jobs Act




A guide for state and local governments to expand internet access and improve connectivity

The Infrastructure Investment and Jobs Act (IIJA) provides \$1.2 trillion in funding for state, regional and local governments to revitalize America's aging physical infrastructure as well as expand broadband internet access and improve our critical digital infrastructure.<sup>1</sup>

**\$1.2 trillion in funding<sup>1</sup>**



A tall, grey telecommunications tower stands prominently on the left side of the frame. It is equipped with several large, white, rectangular antenna arrays and smaller, vertical antennas. The tower is set against a backdrop of lush green trees and a clear blue sky. In the distance, a wide river or bay stretches across the middle ground, with a city skyline visible on the horizon under a bright, hazy sky. The sun is low on the horizon, creating a shimmering reflection on the water's surface.

This guide outlines the broadband allocations, their potential impact on public infrastructure and how your community can benefit from this transformation.

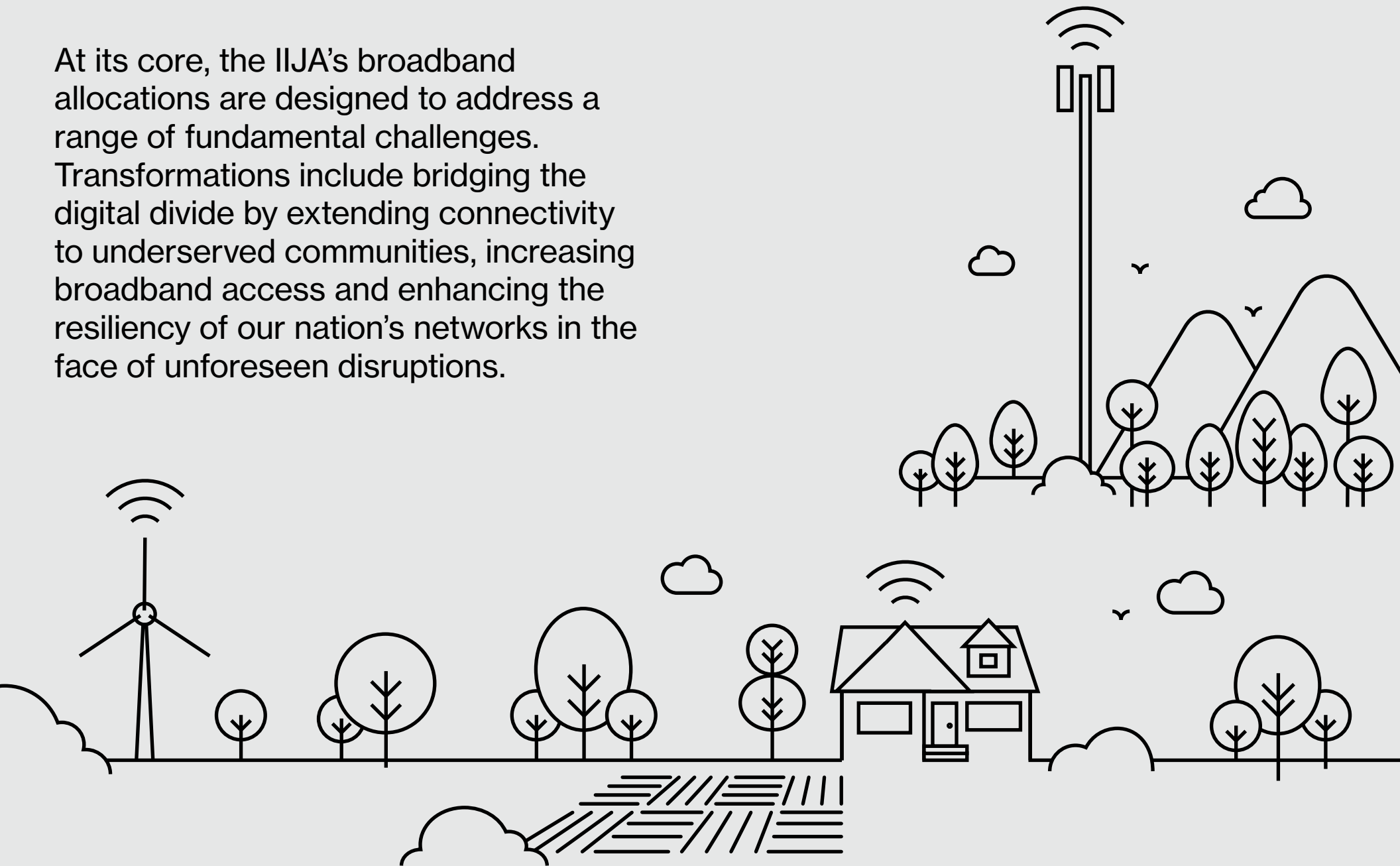
# Chapter

# 1

**Understanding the  
IIJA's broadband  
allocations and how  
they can be used**



At its core, the IJJA's broadband allocations are designed to address a range of fundamental challenges. Transformations include bridging the digital divide by extending connectivity to underserved communities, increasing broadband access and enhancing the resiliency of our nation's networks in the face of unforeseen disruptions.



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## Recognizing the IIJA's objectives

Verizon is an experienced partner for federal, state, regional and local government agencies and has put together this guide to help decision-makers navigate the broadband allocations available in the bipartisan infrastructure law.

The IIJA is not merely about funding. It's an incentive for creativity and innovation. It encourages local communities to explore groundbreaking ideas and approaches that can transform the way we connect, work and live.

With this funding, federal, state, regional and local government agencies could:



**Expand high-speed internet access for underserved communities across the U.S.**



**Provide discounted broadband services and connective devices to qualifying low-income households.**

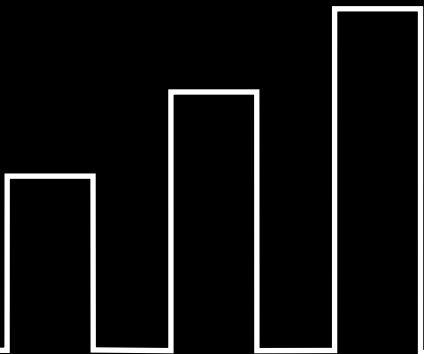


**Help close the digital divide to spur business growth more equitably.**



# \$65 billion

available for broadband services,<sup>2</sup>  
which includes:



## \$40 billion

to states for broadband deployment<sup>2</sup>

## \$17 billion

to improve affordability<sup>2</sup>

## \$3 billion

to extend connectivity to rural areas<sup>2</sup>



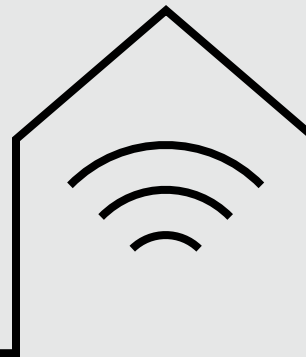
[Learn more](#)



# Chapter

# 2

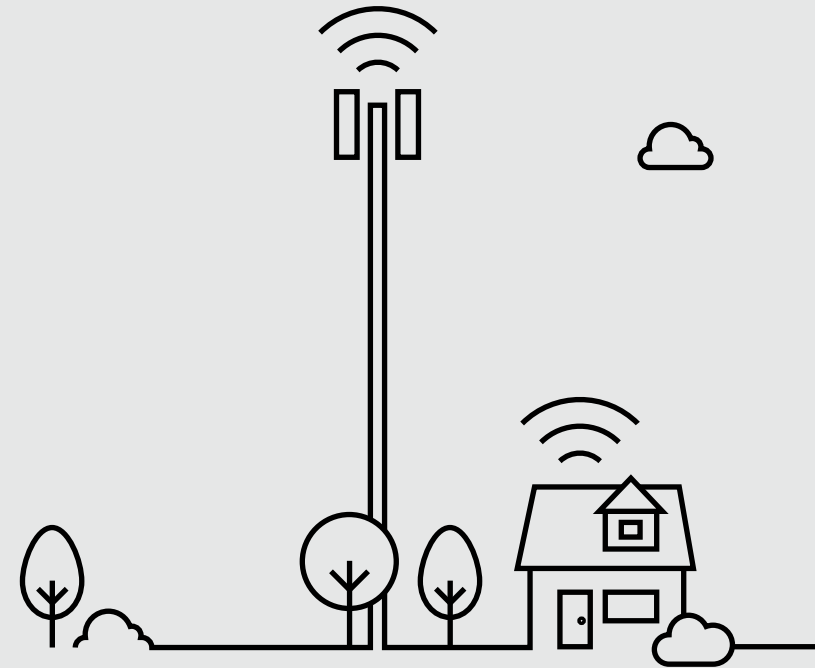
## **Broadband: The catalyst for community transformation**

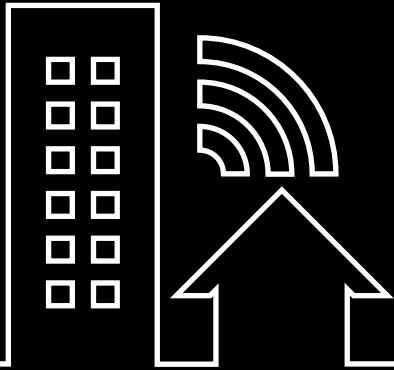




## Making digital inclusion a reality

The IJJA's commitment to digital inclusion gives everyone the opportunity to thrive in the digital age regardless of their geographic location or economic status. This transformation isn't merely about technology; it's about nurturing a more equitable and inclusive future for our communities. And Verizon is here to help you navigate that journey.





**See how states and communities like yours benefit from initiatives to expand internet access and improve connectivity.**





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## Arizona's Project CAN (Connect Arizona Now)

Delve into the heart of Project CAN, a groundbreaking initiative in rural southern Arizona. Its dual mission revolves around providing broadband internet access and increasing digital inclusion. This project is shaping the future by supporting University of Arizona students and promoting digital literacy and workforce development through community organizations.



[Learn more](#)



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## **Tribal Broadband Connectivity Program – Alaska Federation of Natives**

The Broadband Use and Adoption project aims to boost connectivity in 62 Alaska Native communities. By providing devices, subsidizing services and offering digital skills training, the initiative tackles barriers to broadband usage. The project subsidizes internet service for an estimated 2,777 households and supplies broadband equipment to roughly 8,877 individuals, marking a crucial step toward digital inclusion.



**[Learn more](#)**



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## **National Science Foundation: Connecting the unconnected with Project OVERCOME**

With the help of US Ignite, Project OVERCOME aimed to bridge the digital divide for rural communities. By deploying a variety of connectivity solutions, the project had a significant effect on increasing access to internet services for underserved communities.

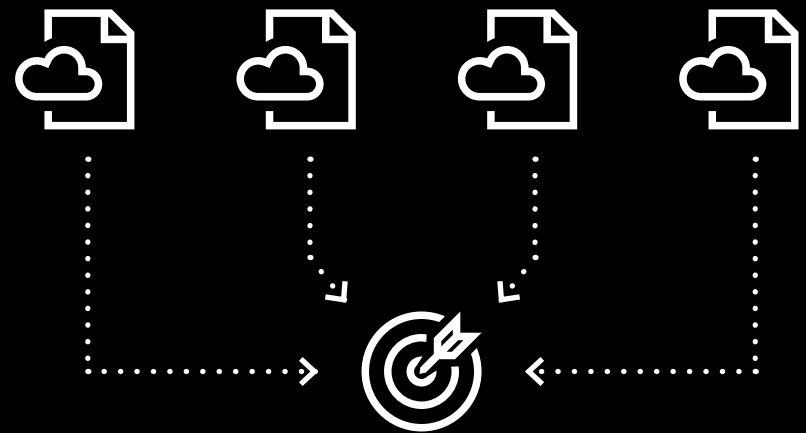


**Learn more**



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## **Discover transformative connectivity solutions.**



Learn about successful case studies that align with the IIJA's goals and how you can benefit from the same solutions. Each story underscores the role of technology in fostering progress across various sectors. Spanning internet solutions, fixed wireless access, 5G, network as a service and multi-access edge computing, each of these innovative technologies has been a catalyst for change in communities.



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## **ADOT: Enhancing communication with 5G multi-access edge computing**

Explore how the Arizona Department of Transportation and Verizon are working together to develop and test 5G multi-access edge computing (MEC) to help deliver crucial information to drivers in real time. This innovative technology can revolutionize vehicle-to-everything (V2X) communications, enhance road safety and pave the way for the future of transportation.

Learn how strategic planning and innovative technology can help drive exceptional results.



**[Learn more](#)**



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## **South Amboy: Improving public safety with smart lighting and remote monitoring**

The transformation of South Amboy, New Jersey, into a safer city unfolds through an ingenious approach to smart streetlights and advanced video surveillance. Witness how the city fights crime and improves safety with Verizon Intelligent Video and Intelligent Lighting solutions.

Learn how South Amboy's strategic vision has paved the way for a brighter and smarter future.



**[Learn more](#)**





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## **Rock Island Milan: Bridging the digital divide with fixed wireless access**

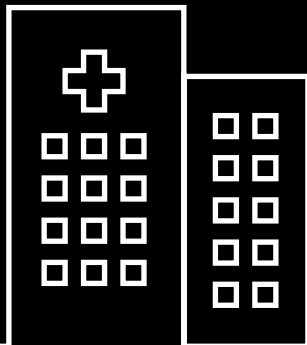
Illinois' Rock Island Milan School District presents a compelling case study on bridging the digital divide in education through fixed wireless access. Explore how this solution is delivering reliable connectivity to students who did not even have home internet service before, enhancing the quality of remote learning and creating equal opportunities for academic success.

Delve into the strategies that have enabled Rock Island Milan School District to overcome challenges and drive positive change.



**[Learn more](#)**

# The broadband impact on economics and health care



**\$1.4 billion  
to \$3 billion**

estimated governmentwide cost saving opportunities through transforming end-to-end processes<sup>3</sup>

**\$5 billion+**

total estimated economic impact in Georgia of expanded broadband adoption over 10 years<sup>4</sup>

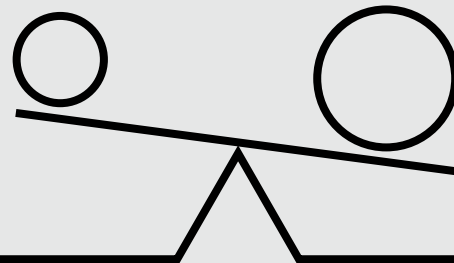
**\$1,390**

minimum average yearly reimbursement from remote patient monitoring (RPM) for one patient<sup>4</sup>

# Chapter

# 3

## Strategies and best practices



**Maximizing the potential of the IJA**

It's not just about the allocations; it's about how communities, organizations and individuals can leverage them for transformative change.





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## Here are some best practices and strategies to guide your modernization journey.



### Invest in critical infrastructure.

Identifying and investing in critical infrastructure, such as fiber-optic networks and wireless towers, is a best practice for ensuring reliable connectivity. This type of investment forms the backbone for broadband expansion.



### Prioritize connectivity for all.

To ensure equitable access to broadband, a primary strategy is to prioritize communities that are currently underserved. By channeling resources to those in greatest need, the IJJA aims to bridge the digital divide.



### **Activate inclusion initiatives.**

Best practices involve supporting digital literacy and inclusion programs. Training and educational initiatives ensure that communities can fully leverage broadband resources.



### **Make data-driven decisions.**

Leveraging data analytics for resource allocation is a key strategy. Data helps identify areas most in need and informs efficient resource allocation.



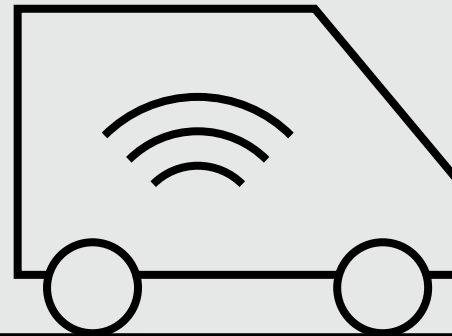
### **Future-proof networks.**

Allocations should be directed toward future-proofing the broadband infrastructure by investing in technologies such as 5G and multi-access edge computing to support evolving connectivity demands.

# Chapter

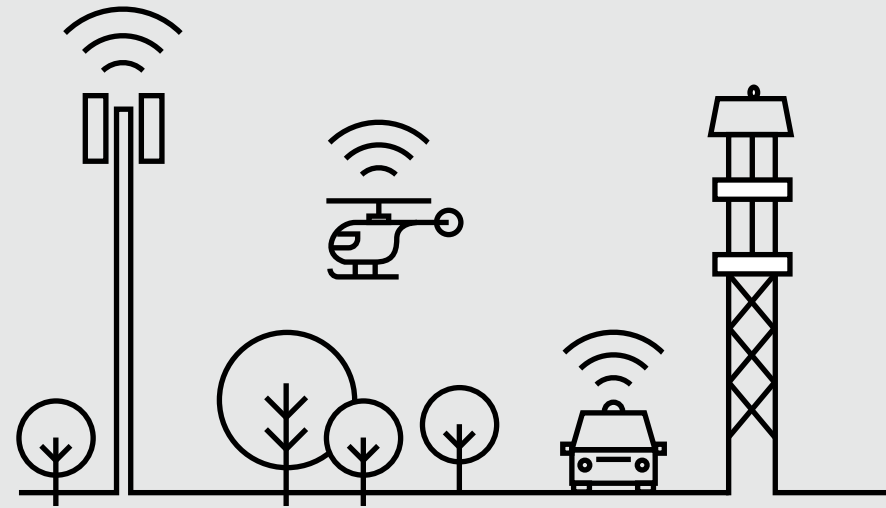
# 4

## Partnering with Verizon to optimize your community services



## A partnership for success

Navigating the IIJA can be complex, but as a longtime partner to the public sector, we can help you upgrade your technology infrastructure. Verizon has been helping state and local governments deploy, modernize and manage communications and network infrastructure for decades.





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**Our transformational solutions are designed to empower your workforce and help you more quickly and cost-effectively deliver the services your constituents expect.**



**Connect underserved communities with broadband access.**



**Improve self-service options for constituents to engage online with governmental agencies and departments.**



**Upgrade technology to give remote workers the tools needed to do their best work from virtually anywhere.**



**Draw talent to your team and your community – and keep it there – by making it easier to collaborate, contribute and create.**

# Conclusion

The IJJA's broadband allocations represent a pivotal moment in our nation's commitment to a new era of infrastructure and connectivity. They are designed to address fundamental challenges and future-proof the digital landscape. These allocations are more than financial resources; they are a commitment to empowering communities, fostering economic development, improving education and enhancing health care.

Our aim is to inspire action. By helping people understand the intricacies of IJJA's broadband allocations, connect with success stories from similar initiatives, and grasp key strategies and best practices for modernization, we hope that public sector leaders like you will be better equipped to make informed decisions for their communities.



# Appendix

## IIJA resources and references

Here's a valuable collection of additional resources, links and references for you to further explore the details and opportunities related to the IIJA. It's a comprehensive toolkit to support your journey in leveraging IIJA's transformative potential.



### Government resources:

- 🔗 **Official IIJA overview:** Access implementation resources provided by the Government Finance Officers Association (GFOA) for a more in-depth understanding of IIJA's provisions.
- 🔗 **NOFO Tracker:** This tracker from GFOA is a valuable tool for monitoring Notice of Funding Opportunity (NOFO) announcements related to IIJA. Stay updated on funding opportunities.



### Private financing and public-private partnerships:

- 🔗 **U.S. Department of Transportation fact sheet on financial structuring of public-private partnership (P3) concessions (contracts):** This fact sheet offers insights and resources on project financing and the financial structures of P3 projects. Learn how P3s can be a strategic approach to optimizing resource allocation.
- 🔗 **U.S. Chamber of Commerce infrastructure initiatives:** Discover the U.S. Chamber of Commerce's initiatives and resources related to infrastructure development and financing. Gain insights into how private financing can complement public funding.



## Financial planning and investment guides:

- [!\[\]\(13b6bdd0ca077c333d50231f1443cb1d\_img.jpg\) \*\*American Planning Association infrastructure resources:\*\* The American Planning Association provides resources on infrastructure planning and investment strategies. Explore guidance for community planners and decision-makers.](#)
- [!\[\]\(5dbedd4e1e8871e3a0e67053ad2f9701\_img.jpg\) \*\*National Association of Counties infrastructure resources:\*\* The National Association of Counties offers resources and tools for county officials to navigate infrastructure financing and development.](#)



## Research and reports:

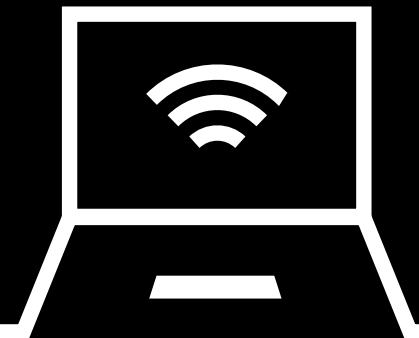
- [!\[\]\(4c660a3c4ce1da3313488b7854f55083\_img.jpg\) \*\*Brookings Federal Infrastructure Hub:\*\* Delve into research and reports on infrastructure and policy analysis by the Brookings Institution. Gain insights into the broader context of infrastructure investment.](#)
- [!\[\]\(f01c435bb39e3068a9b4895c9a993158\_img.jpg\) \*\*Urban Land Institute reports:\*\* The Urban Land Institute provides major reports and resources related to its Building Healthy Places Initiative, including publications on infrastructure planning, investment and development.](#)



As a community decision-maker, you're an architect of progress. This is your opportunity to leverage the IIJA's resources and create a brighter and more connected future for your community and your constituents.

**Talk to an expert to start your transformation today. We're ready to answer your questions.**

**Call 1.855.408.2751 or visit our IIJA page.**



1. "H.R. 3684 - Infrastructure Investment and Jobs Act," U.S. Congress, November 15, 2021. <https://www.congress.gov/bill/117th-congress/house-bill/3684/text>  
2. Ibid.  
3. "Digital is Here for Federal Government," Bureau of the Fiscal Service, U.S. Department of the Treasury, last modified October 30, 2023. <https://www.fiscal.treasury.gov/fit/deee/>  
4. Georgia Broadband Annual Report 2022, Georgia Department of Community Affairs and Georgia Technology Authority, accessed January 17, 2024. <https://broadband.georgia.gov/media/35/download>  
5. "ROI of RPM, CCM and RTM," Humhealth blog, accessed January 17, 2024. <https://www.humhealth.com/blog/roi-of-rpm-ccm-and-rtm/>  
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