DATA608 Knowledge and Visual Analytics (001)

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# Executive Summary

## Topic: Infrastructure Investment & Jobs Act (IIJA) Allocation

Target Questions:

1. Is the allocation equitable based on the population of each of the States and Territories, or is bias apparent?

2. Does the allocation favor the political interests of the Biden administration?

#### Context:

The Infrastructure Investment & Jobs Act (IIJA) was signed into law by President Biden on November 15th, 2021. This law encompasses the continuation of past infrastructure focused programs, as well as consolidates recently approved programs under one act. IIJA also expands on these past laws to further improve infrastructure in several areas (NCSL 2022). The official document can be viewed here: [H.R.3684: Infrastructure Investment and Jobs Act | Congress.gov](https://www.congress.gov/bill/117th-congress/house-bill/3684)

List of previous acts/laws consolidated under IIJA:

* Fixing America’s Surface Transportation Act (FAST) – focused on funding US Department of Transportation for highway, vehicle safety, public transportation rail, research and more between the years of 2016 and 2020 (FHWA 2023)
* Surface Transportation Re-Authorization Act (STRA) – focused on improving and building roads, highways, and bridges (EPW2021)
* INVEST in America Act – Original name of IIJA before inclusions for broadband access, clean water, and electric grid renewal in addition to the original focus of transportation (NCSL 2022)

#### Monetary/Infrastructure Breakdown:

Total: $1.2 Trillion

Summarized Breakdown of some larger items below. For full breakdown please reference: [IIJA Guidebook from Whitehouse](https://gfoaorg.cdn.prismic.io/gfoaorg/0727aa5a-308f-4ef0-addf-140fd43acfb5_BUILDING-A-BETTER-AMERICA-V2.pdf)

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| Bridges, Roads: | $60.5 Billion |
| State Formula Programs: | $26 Billion |
| Public Transit: | $91 Billion |
| Rail: | $66 Billion |
| Airports: | $25 Billion |
| Inland Waterways & Ports: | $14.5 Billion |
| Broadband Access and Affordability: | $57.7 Billion |
| Water/Sewage: | $48.7 Billion |
| Env. Remediation/Contaminants/Geo. Programs: | $32.7 Billion |
| Energy(Grid, Carbon, Hydrogen, Nuclear): | $35.5 Billion |
| Disaster Mitigation | $5 Billion |
| Cybersecurity: | $1 Billion |

(The Infrastructure 2021)

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#### References & Code Appendix:

NCSL. (2022). *Resource Infrastructure Investment and jobs act: Implementation and key resources*. National Conference of State Legislatures. https://www.ncsl.org/state-federal/infrastructure-investment-and-jobs-act-implementation-and-key-resources

*Fixing America’s Surface Transportation Act (FAST Act) - FHWA Operations*. (2023). Ops.fhwa.dot.gov. https://ops.fhwa.dot.gov/fastact/

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*EPW Committee Advances Surface Transportation Bill With Unanimous Support*. (2021). U.S. Senate Committee on Environment and Public Works. Retrieved September 9, 2023, from https://www.epw.senate.gov/public/index.cfm/2021/5/carper-and-capito-applaud-committee-passage-of-bipartisan-surface-transportation-bill

*The Infrastructure Investment and Jobs Act: An Explainer for States*. (2021). https://documents.ncsl.org/wwwncsl/State-Federal/NCSL\_Infrastructure\_Briefing\_Nov22-Final.pdf

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