

Appendix D: Federal Infrastructure Investment & Jobs Act Funding for Climate Action

Transportation Sector

Federal Program	Amount	Description
Congestion Mitigation and Air Quality Improvement Program (CMAQ)	\$13,200,000,000	Provides funds to States for transportation projects designed to reduce traffic congestion and improve air quality, particularly in areas of the country that do not attain national air quality standards
Rebuilding American Infrastructure with Sustainability and Equity (RAISE)	\$7,500,000,000	Provides a unique opportunity for the DOT to invest in road, rail, transit and port projects that promise to achieve national objectives.
Carbon Reduction Program	\$6,419,999,998	Provides funds for projects designed to reduce transportation emissions, defined as carbon dioxide (CO2) emissions from on-road highway sources.
Metropolitan Planning	\$2,280,000,000	Establishes a cooperative, continuous, and comprehensive framework for making transportation investment decisions in metropolitan areas.
Congestion Relief Program	\$250,000,000	Advance innovative, integrated, and multimodal solutions to reduce congestion and the related economic and environmental costs in the most congested metropolitan areas with an urbanized area population of 1 million+.
Federal-State Partnership for Intercity Passenger Rail Grants	\$36,000,000,000	Provides funding for capital projects that reduce the state of good repair backlog, improve performance, or expand or establish new intercity passenger rail service, including privately operated intercity passenger rail service, if an eligible applicant is involved.
Restoration and Enhancement Grant Program	\$250,000,000	Funds operating assistance grants for initiating, restoring, or enhancing intercity passenger rail.
Safe Streets and Roads for All	\$5,000,000,000	Grant program is to be awarded on a competitive basis to support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets involving all roadway users, including pedestrians; bicyclists; public transportation, personal conveyance, and micro mobility users; motorists; and commercial vehicle operators.
Intelligent Transportation Systems (ITS) Program	\$250,000,000	Fosters innovation in transportation through the deployment of technology to enhance safety and efficiency while reducing environmental impacts of surface transportation, resulting in improved access and convenience, saved lives and time, and increased productivity.
Urbanized Area Formula Grants	\$33,390,947,107	Program (49 U.S.C. 5307) makes federal resources available to urbanized areas and to governors for transit capital and operating assistance in urbanized areas and for transportation-related planning.
Bus and Bus Facilities Formula/Competitive Grants	\$3,161,294,400	Provides funding to states and transit agencies through a statutory formula to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities.
Enhanced Mobility of Seniors and Individuals with Disabilities	\$2,193,105,343	Program (49 U.S.C. 5310) provides formula funding to states for the purpose of assisting private nonprofit groups in meeting the transportation needs of older adults and people with disabilities when the transportation service provided is unavailable, insufficient, or inappropriate to meeting these needs.
All Stations Accessibility Program	\$1,750,000,000	Provides capital funding to upgrade the accessibility of legacy rail fixed guideway public transportation systems for people with disabilities, including those who use wheelchairs.
Strengthening Mobility and Revolutionizing Transportation (SMART) Grants	\$500,000,000	Provides supplemental funding grants to rural, midsize, and large communities to conduct demonstration projects focused on advanced smart city or community technologies and systems in a variety of communities to improve transportation efficiency and safety.
Pilot Program for Transit Oriented Development	\$68,864,631	Discretionary grant program that helps support the Federal Transit Administration's mission of improving public transportation for America's communities by providing funding to local communities to integrate land use and transportation planning with a new fixed guideway or core capacity transit capital investment.
National Electric Vehicle Infrastructure Formula Program	\$5,000,000,000	Strategically deploy electric vehicle charging infrastructure and establish an interconnected network to facilitate data collection, access, and reliability. Sets aside 10% of funding for discretionary grants to State and local governments that require additional assistance to strategically deploy electric vehicle charging infrastructure.

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Charging and Fueling Infrastructure Grants (Community Charging)	\$1,250,000,000	Funds will be made available each fiscal year for Community Grants, to install electric vehicle charging and alternative fuel in locations on public roads, schools, parks, and in publicly accessible parking facilities.
Charging and Fueling Infrastructure Grants (Corridor Charging)	\$1,250,000,000	Deploy electric vehicle charging and hydrogen/propane/natural gas fueling infrastructure along designated alternative fuel corridors and in communities.
Electric Drive Vehicle Battery Recycling And 2nd Life Apps	\$200,000,000	Expands an existing program at the Department of Energy for research, development, and demonstration of electric vehicle battery recycling and second-life applications for vehicle batteries.
Commercial Motor Vehicle Operators Grant Program	\$16,500,000	Awards grants to a variety of educational institutions that provide commercial truck and bus driving training, including accredited public or private colleges, universities, vocational technical schools, post-secondary educational institutions, truck driver training schools, associations, and State and local governments, including federally recognized Tribal governments.
Low or No Emission (Bus) Grants	\$5,624,550,890	Provides capital funding to replace, rehabilitate, purchase, or lease buses and bus-related equipment and to rehabilitate, purchase, construct, or lease bus-related facilities. Provides capital funding for low or no emissions bus projects.
Building Resilient Infrastructure and Communities (Robert T Stafford Act Section 203(i))	\$1,000,000,000	Federal Emergency Management Agency will provide financial assistance to eligible Building Resilient Infrastructure and Communities applicants for the following activities: capability and capacity-building activities; mitigation projects; and management costs.
Clean Vehicle Credit	\$7,541,000,000	Provides a tax credit for purchasers of clean vehicles. The tax credit is not available for consumers who have adjusted gross incomes for the current or preceding year above \$300,000 (couples), \$225,000 (heads of household), \$150,000 (singles). Not inflation adjusted.
Commercial Clean Vehicles Credit	\$3,583,000,000	Provides a tax credit for purchasers of qualified commercial clean vehicles. Businesses that acquire motor vehicles or mobile machinery for use or lease; tax-exempt entities that acquire them for use
Alternative Fuel Vehicle Refueling Property Credit	\$1,738,000,000	Provides a tax credit for alternative fuel vehicle refueling and charging property in low-income and rural areas. Alternative fuels include electricity, ethanol, natural gas, hydrogen, biodiesel, and others. 6% of the cost for businesses, limited to a \$100,000 credit per item of property for businesses. 30% for individuals, limited to \$1,000.
Credit for Previously Owned Clean Vehicles	\$1,347,000,000	Provides a tax credit for purchasers of preowned clean vehicles. Tax credit is not available for consumers who have adjusted gross incomes for the current or preceding year above \$150,000 (couples), \$112,500 (heads of household), \$75,000 (singles). Individuals can claim only once per three years. Vehicles must be sold by a dealer; the sale price must be \$25,000 or less; and it can only be claimed once per vehicle.
Clean Heavy-Duty Vehicle Program	\$1,000,000,000	Provides funds to offset the costs of replacing heavy-duty Class 6 and 7 commercial vehicles
Neighborhood Access and Equity Grant Program	\$3,205,000,000	Awards competitive grants for context-sensitive projects that improve walkability and safety and provide affordable transportation access; to mitigate or remediate negative impacts on the human or natural environment in disadvantaged communities from a surface transportation facility; and for planning and capacity building activities in disadvantaged or underserved communities.
Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT)	\$8,400,000,000	Provides funding to help make surface transportation more resilient to natural hazards, including climate change, sea level rise, flooding, extreme weather events, and other natural disasters through support of planning activities, resilience improvements, community resilience and evacuation routes, and at-risk costal infrastructure. The program consists of a formula program and a discretionary grant program.
Building Sector		
Low Income Home Energy Assistance Program	\$500,000,000	Assists eligible low-income households with their heating and cooling energy costs, bill payment assistance, energy crisis assistance, weatherization and energy-related home repairs.

Federal Program	Amount	Description
Weatherization Assistance Program	\$3,500,000,000	Increases the energy efficiency of dwellings owned or occupied by low-income persons, reduce their total residential energy expenditures, and improve their health and safety, especially low-income persons who are particularly vulnerable such as the elderly, the handicapped, and children.
Grants for Energy Efficiency and Renewable Energy Improvements at Public School Facilities	\$500,000,000	Provides competitive grants to make energy efficiency, renewable energy, and alternative fueled vehicle upgrades and improvements at public schools.
Cost-effective Codes Implementation for Efficiency and Resilience	\$225,000,000	Competitive grant program to enable sustained, cost-effective implementation of updated building energy codes to save customers money on their energy bills.
Energy Efficiency Materials Pilot Program	\$50,000,000	Provides nonprofits with energy efficiency materials including roof or lighting systems; windows, and doors, including a security; heating, ventilation, or air conditioning system or component of the system (including insulation and wiring and plumbing improvements needed to serve a more efficient system).
Career Skills Training	\$10,000,000	Provides grants to pay the federal share of career skills training programs under which students concurrently receive classroom instruction and on-the job training for the purpose of obtaining an industry-related certification to install energy efficient building technologies
Building, Training, And Assessment Centers	\$10,000,000	Provides grants to institutions of higher education to establish building training and assessment centers to educate and train building technicians and engineers on implementing modern building technologies.
Energy Auditor Training Grant Program	\$40,000,000	Provides grants to eligible States to train individuals to conduct energy audits or surveys of commercial and residential buildings to build the clean energy workforce, save customers money on their energy bills, and reduce pollution from building energy use.
Brownfields Projects	\$1,200,000,000	The Environmental Protection Agency's program provides funds to empower States, communities, Tribes, and nonprofit organizations to prevent, inventory, assess, clean up, and reuse brownfield sites.
Drinking Water State Revolving Fund	\$11,713,000,000	States initially receive funding, then provide funds to Water Utilities and/or Municipal and other Eligible Entities. Tribes and Territories are also eligible to receive a portion of State Revolving Fund funds.
Water Infrastructure Improvements for the Nation, Small and Underserved Communities Emerging Contaminants Grant Program	\$5,000,000,000	States initially receive funding, then provide funds through grants to water utilities and other eligible entities in small and/or underserved/disadvantaged communities. Tribes and territories are also eligible to receive funds under this program.
Methane Emissions Reduction Program	\$1,550,000,000	Provides financial and technical assistance to accelerate the reduction of methane and other greenhouse gas emissions from petroleum and natural gas systems. The statute also establishes a waste emissions charge for applicable facilities that report more than 25,000 metric tons of CO2 equivalent per year (to the petroleum and natural gas systems source category of the Greenhouse Gas Reporting Program) and that exceed statutorily specified waste emissions thresholds.
Environmental and Climate Justice Block Grants	\$3,000,000,000	Provides grants and technical assistance to community-based organizations, alone or in partnerships, to reduce indoor and outdoor air pollution, including greenhouse gases; monitor for pollution; improve community resilience to the impacts of climate change, including extreme heat and wildfire; and build the capacity of these organizations to engage with state and federal decision-making processes.
Funding to Address Air Pollution at Schools	\$50,000,000	Provides funds for grants and other activities to monitor and reduce pollution and greenhouse gas emissions at schools in low-income and disadvantaged communities. To provide technical assistance to schools in low-income and disadvantaged communities to develop school air and environmental quality plans and to identify and mitigate ongoing air pollution hazards.

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Energy Efficiency Home Improvement Credit	\$12,451,000,000	Provides a tax credit for energy-efficiency improvements of residential homes.
Residential Clean Energy Credit	\$22,022,000,000	Provides a tax credit for the purchase of residential clean energy equipment, including battery storage with capacity of at least 3 kWh. 30% of cost of equipment through 2032; 26% in 2033; 22% in 2034.
New Energy Efficient Homes Credit	\$2,043,000,000	Provides a tax credit for construction of new energy efficient homes. \$2,500 for new homes meeting Energy Star standards; \$5,000 for certified zero-energy ready homes. For multifamily, base amounts are \$500 per unit for Energy Star and \$1000 per unit for zero-energy ready.
High-Efficiency Electric Home Rebate Program	\$4,500,000,000	Awards grants to state energy offices and Tribal entities to develop and implement a high efficiency electric home rebate program.
Home Energy Performance-Based, Whole-House Rebates	\$4,300,000,000	Awards grants to state energy offices to develop a whole-house energy saving retrofits program that will provide rebates to homeowners and aggregators for whole house energy saving retrofits.
Green and Resilient Retrofit Program	\$837,500,000	Provides grants and loans to HUD-assisted properties to improve energy or water efficiency; enhance indoor air quality or sustainability; implement the use of zero-emission electricity generation, low-emission building materials or processes, energy storage, or building electrification strategies; or make the properties more resilient to climate impacts. The law provides up to \$4,000,000,000 in loan authority.
Energy Efficient Commercial Buildings Deduction	\$362,000,000	Provides a tax deduction for energy efficiency improvements to commercial buildings, such as improvements to interior lighting; heating, cooling, ventilation, and hot water; and building envelope.
Improving Energy Efficiency or Water Efficiency or Climate Resilience of Affordable Housing	\$1,000,000,000	Provides grants and direct loans to fund projects that improve energy or water efficiency, enhance indoor air quality or sustainability, implement the use of zero-emission electricity generation, low-emission building materials or processes, energy storage, or building electrification strategies, or address climate resilience of an eligible property.
State-Based Home Efficiency Contractor Training Grants	\$200,000,000	Provides financial assistance to states to develop and implement a program to provide training and education to contractors involved in the installation of home energy efficiency and electrification improvements, including improvements eligible for rebates under sections 50121(d) and 50122(d) of the Inflation Reduction Act.
Workforce Development		
Career Skills Training	\$10,000,000	Provides grants to pay the federal share of career skills training programs under which students concurrently receive classroom instruction and on-the job training for the purpose of obtaining an industry-related certification to install energy efficient building technologies.
Energy Auditor Training Grant Program	\$40,000,000	Provides grants to eligible States to train individuals to conduct energy audits or surveys of commercial and residential buildings to build the clean energy workforce, save customers money on their energy bills, and reduce pollution from building energy use.
Building, Training, And Assessment Centers	\$10,000,000	Provides grants to institutions of higher education to establish building training and assessment centers to educate and train building technicians and engineers on implementing modern building technologies.
Manufacturing Leadership	\$50,000,000	Provides funding to States to provide assistance to small and medium manufacturers to invest in smart manufacturing technologies or access high performance computing resources for manufacturing analysis.
Building Resilient Infrastructure and Communities (Robert T Stafford Act Section 203(i))	\$1,000,000,000	Capability and Capacity-Building – Activities, enhances the knowledge, skills, expertise, etc., of the current workforce to expand or improve the administration of mitigation assistance. This includes activities in the following subcategories: building codes activities, partnerships, project scoping, mitigation planning and planning-related activities, and other activities
State-Based Home Efficiency Contractor Training Grants	\$200,000,000	Provides financial assistance to states to develop and implement a program to provide training and education to contractors involved in the installation of home energy efficiency and electrification improvements, including improvements eligible for rebates under sections 50121(d) and 50122(d) of the Inflation Reduction Act.

Federal Program	Amount	Description
Clean Heavy-Duty Vehicles	\$1,000,000,000	Provides funds to offset the costs of replacing heavy-duty Class 6 and 7 commercial vehicles with zero-emission vehicles; deploying infrastructure needed to charge, fuel, or maintain these zero-emission vehicles; and developing and training the necessary workforce.
Environmental and Climate Justice Block Grants	\$3,000,000,000	Provides grants and technical assistance to community-based organizations, alone or in partnerships, to reduce indoor and outdoor air pollution, including greenhouse gases; monitor or pollution; improve community resilience to the impacts of climate change, including extreme heat and wildfire; and build the capacity of these organizations to engage with state and federal decision-making processes.
From Learning to Leading: Cultivating the Next Generation	\$250,000,000	Enables 1890 institutions, 1994 institutions, Alaska Native-serving institutions and Native Hawaiian-serving institutions, Hispanic-serving institutions, and insular area institutions of higher education located in the U.S. territories to build and sustain the next generation of the food, agriculture, natural resources, and human sciences workforce including the future USDA workforce.
Enhanced Use of Defense Production Act of 1950	\$250,000,000	Section 30001 appropriates \$500 million to carry out the Defense Production Act (DPA). President Biden issued presidential determinations providing the Department of Energy (DOE) with the authority to use \$250,000,000 of the DPA funding to accelerate domestic production of key energy technologies. In November 2022, DOE announced a notice of intent and request for information on a proposed \$250 million DPA investment to accelerate domestic electric heat pump manufacturing.