

Key Provisions: American Recovery and Reinvestment Act

Energy, Transportation, and Climate Research Spending in ARRA	
Energy Related Spending	
Federal Buildings Fund – Construction, repairs, and operations of Federal buildings with focus on projects that will create the greatest impact on energy efficiency and conservation.	4,500,000,000
Energy Efficiency Assisted Housing Retrofits	250,000,000
Electricity Delivery and Energy Reliability - Smart Grid Investment Program (\$4.5 billion) - R&D, pilot projects, federal matching funds to make the electricity grid more efficient and reliable and to build new power lines to transmit clean, renewable energy. Also includes increased borrowing authority for the Western Area Power Administration (\$3.25 billion) and the Bonneville Power Administration (\$3.25 billion).	11,000,000,000
Fossil Energy - Funding for fossil energy R&D programs (\$1 billion), Clean Coal Power Initiative Round III Funding Opportunity Announcement (\$800 million), industrial carbon capture and energy efficiency improvement projects (\$1.5 billion), geologic formation site characterization activities (\$50 million), geologic sequestration training and research (\$20 million), and \$20 million for program direction funding.	3,400,000,000
Science - Department of Energy Science research into high-energy physics, nuclear physics, and fusion energy.	1,600,000,000
ARPA-E - As authorized under section 5012 of the America COMPETES Act, support for high-risk, high-payoff energy research.	400,000,000
Weatherization and Assistance Program – Assists low-income families in reducing energy costs by sending funds to states to weatherize low-income homes.	5,000,000,000
Energy Efficiency and Conservation Block Grants – Provides states, local governments and Indian tribes with strategies designed to reduce their fossil fuel emissions and total energy use. Activities include installing LEDs, installing renewable energy technologies, energy audits, energy efficiency retrofits, etc.	3,200,000,000
State Energy Program – Grants to states to adopt emerging renewable energy and energy efficiency technologies, including residential, commercial and governmental building energy efficiency retrofits.	3,100,000,000
Energy Efficiency and Renewable Energy RDD&D – Funding for biomass (\$800M) and geothermal (\$400M) projects as well as other applied research, development, demonstration, and deployment activities.	2,500,000,000
Energy Efficient Appliance Rebate Program and Energy Star - Rebates to consumers for buying Energy Star products and to replace old appliances.	300,000,000
Innovative Renewable Energy and Transmission Loan Guarantee – Loans for renewable energy power generation and transmission projects.	6,000,000,000
Department of Defense Energy Efficiency projects - Energy Conservation Investment Program	120,000,000
Green Jobs Training - Competitive grants for worker training and placement in energy efficiency and renewable energy jobs.	500,000,000
Energy Related Spending	41,870,000,000
Vehicles and Transportation Spending	
Energy Efficient Federal Motor Vehicle Fleet Procurement Program - Replace old fleet with alt fuel and plug-in automobiles.	300,000,000
Diesel Emission Reduction Act Grants - Grants and loans to state and local governments for projects that reduce diesel emissions.	300,000,000
Transportation Electrification – Grant program for projects to move the transportation sector towards cleaner energy sources and reduce emissions by encouraging electric vehicles.	400,000,000
Advanced Battery Manufacturing – Grants to incentivize domestic manufacturing of advanced vehicle batteries.	2,000,000,000
Alternative Fueled Vehicles Pilot Grant Program – Encourage the use of plug-in electric vehicles or other emerging EV technologies through DOE Clean Cities Program.	300,000,000
Transit Capital Assistance - Purchase buses and equipment to increase public transportation.	6,900,000,000
Fixed Guideway Infrastructure Investment - Modernize existing transit systems, including renovations to existing stations, structures, etc.	750,000,000
Capital Investment Grants - For new commuter rail or other light rail systems to increase public use of mass transit.	750,000,000
Amtrak - To improve the speed and capacity of intercity rail service.	1,300,000,000
High Speed Rail and Intercity Passenger Rail Grants - Advance the development of high speed rail and to improve intercity passenger rail service across the nation.	8,000,000,000
Vehicles and Transportation Spending	21,000,000,000
Climate Science Research Spending	
NOAA procurement - Address critical gaps in climate modeling; establish climate data records for continuing research into the cause, effects and ways to mitigate climate change.	170,000,000
NASA Science - Accelerate development of Tier 1 set of Earth Science climate research missions recommended by the NAS decadal survey and to increase supercomputing capacities.	400,000,000
Climate Science Research Spending	570,000,000
Total Energy, Transport, and Climate Science Spending	63,440,000,000

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Climate-Energy Related Tax Incentives in ARRA	
Description of Provision	Estimated Cost
Long-term extension and modification of renewable energy production tax credit - Extends place-in-service date for wind facilities through 2013 and certain other facilities including biomass, geothermal, small irrigation, landfill gas, etc, through 2013. Allows renewable facilities to claim the investment tax credit in lieu of the production tax credit. This change was made because under current market conditions it is difficult for renewable projects to find financing due to the uncertain future tax positions of potential investors.	14,000,000,000
Removal of certain energy credit limitations - Repeals subsidized energy financing limitation on the investment tax credit allowing individuals to claim the full amount of the investment tax credit for solar thermal., geothermal, and small wind property.	268,000,000
Clean Renewable Energy Bonds (CREBS) and Qualified Energy Conservation Bonds – Authorizes \$1.6 billion in new CREBS to finance facilities that generate electricity from wind, closed- and open-loop biomass, geothermal, small irrigation, hydropower, landfill gas, marine renewable, and trash combustion. Authorizes an additional \$2.4 billion of qualified energy conservation bonds to finance State, municipal and tribal government programs and initiatives designed to reduce GHG emissions.	1,400,000,000
Tax credits for energy-efficient improvements to existing homes – Increases the amount of tax credit to 30% of the amount paid by taxpayer for qualified energy efficiency improvements during the taxable year. Also eliminates property-by-property dollar caps on the tax credit and provides an aggregate cap of \$1500 on all property qualifying for the credit.	2,000,000,000
Tax credits for alternative vehicles - Increases the credit for purchasing plug-in hybrid vehicles to \$7,500	2,000,000,000
Tax credits for alternative fuel pumps – Tax credit to gas stations to install alternative fuel pumps.	54,000,000
Incentives for Advanced Energy Investments - Provides 30% investment tax credit for manufacturers of advanced energy property which may include the following technologies: renewable energy, energy storage, conservation, efficient transmission and distribution of electricity, and carbon capture and sequestration.	1,600,000,000
Total Climate-Energy Tax Incentives	21,322,000,000

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ARRA Outline of Provisions
Division A—Appropriations Provisions
TITLE
TITLE I—AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION, AND RELATED AGENCIES
TITLE II—COMMERCE, JUSTICE, SCIENCE, AND RELATED AGENCIES
TITLE III—DEPARTMENT OF DEFENSE
TITLE IV—ENERGY AND WATER DEVELOPMENT
TITLE V—FINANCIAL SERVICES AND GENERAL GOVERNMENT
TITLE VI—DEPARTMENT OF HOMELAND SECURITY
TITLE VII—INTERIOR, ENVIRONMENT, AND RELATED AGENCIES
TITLE VIII—DEPARTMENTS OF LABOR, HEALTH AND HUMAN SERVICES, AND EDUCATION, AND RELATED AGENCIES
TITLE IX—LEGISLATIVE BRANCH
TITLE X—MILITARY CONSTRUCTION AND VETERANS AFFAIRS AND RELATED AGENCIES
TITLE XI—STATE, FOREIGN OPERATIONS, AND RELATED PROGRAMS
TITLE XII—TRANSPORTATION, HOUSING AND URBAN DEVELOPMENT, AND RELATED AGENCIES
TITLE XIII—HEALTH INFORMATION TECHNOLOGY
TITLE XIV—STATE FISCAL STABILIZATION FUND
TITLE XV—ACCOUNTABILITY AND TRANSPARENCY
TITLE XVI—GENERAL PROVISIONS—THIS ACT
DIVISION B—TAX, UNEMPLOYMENT, HEALTH, STATE FISCAL RELIEF, AND OTHER PROVISIONS
TITLE
TITLE I—TAX PROVISIONS
TITLE II—ASSISTANCE FOR UNEMPLOYED WORKERS AND STRUGGLING FAMILIES
TITLE III—PREMIUM ASSISTANCE FOR COBRA BENEFITS
TITLE IV—MEDICARE AND MEDICAID HEALTH INFORMATION TECHNOLOGY; MISCELLANEOUS MEDICARE PROVISIONS
TITLE V—STATE FISCAL RELIEF
TITLE VI—BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM
TITLE VII—LIMITS ON EXECUTIVE COMPENSATION
Note: Relevant titles are in bold.

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TITLE II—COMMERCE, JUSTICE, SCIENCE, AND RELATED AGENCIES				Amount
Department	Agency	Program		Amount
Department of Commerce				7,912,000,000
		Economic Development Administration		150,000,000
		Economic Development Assistance Programs		150,000,000
		Bureau of the Census		1,000,000,000
		Periodic Censuses and Programs		1,000,000,000
		National Telecommunications and Information Administration		5,350,000,000
		Broadband Technology Opportunities Program		4,700,000,000
		Digital-to-Analog Converter Box Program		650,000,000
		National Institute of Standards and Technology		580,000,000
		Scientific and Technical Research and Services		220,000,000
		Construction of Research Facilities		360,000,000
		National Oceanic and Atmospheric Administration		830,000,000
		Operations, Research and Facilities		230,000,000
		Procurement, Acquisition and Construction		600,000,000
		<i>Critical gaps in climate modeling; establish climate data records for continuing research into the cause, effects and ways to mitigate climate change.</i>		<i>170,000,000</i>
		Office of Inspector General		2,000,000
Department of Justice				4,012,000,000
		Office of Inspector General		2,000,000
		Office on Violence Against Women		225,000,000
		Violence Against Women Prevention and Prosecution Programs		225,000,000
		Office of Justice Programs		3,785,000,000
		State and Local Law Enforcement Assistance		2,775,000,000
		Community Oriented Policing Services		1,000,000,000
		Salaries and Expenses		10,000,000
		National Aeronautics and Space Administration		1,002,000,000
	Science	<i>Intended to accelerate development of Tier 1 set of Earth Science climate research missions recommended by the NAS decadal survey and to increase supercomputing capacities</i>		400,000,000
	Aeronautics			150,000,000
	Exploration			400,000,000
		Cross Agency Support		50,000,000
		Office of Inspector General		2,000,000
		National Science Foundation		3,002,000,000
		Research and Related Activities		2,500,000,000
		Education and Human Resources		100,000,000
		Major Research Equipment and Facilities Construction		400,000,000
		Office of Inspector General		2,000,000
Total Title II				15,928,000,000

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TITLE IV—ENERGY AND WATER DEVELOPMENT				
Department	Agency	Program		Amount
Department of Defense				4,675,000,000
	Army Corps of Engineers			4,675,000,000
		Investigations		25,000,000
		Construction		2,000,000,000
		Mississippi River and Tributaries		375,000,000
		Operation and Maintenance		2,075,000,000
		Regulatory Program		100,000,000
		Formerly utilized sites remedial action program		100,000,000
Department of Interior				1,000,000,000
	Bureau of Reclamation			1,000,000,000
		Water and Related Resources		1,000,000,000
Department of Energy				45,225,000,000
	Energy Programs			40,088,000,000
		Energy Efficiency and Renewable Energy		16,800,000,000
		<i>Energy Efficiency and Conservation Block Grants (EECBG)</i>		<i>3,200,000,000</i>
		<i>Weatherization Assistance Program</i>		<i>5,000,000,000</i>
		<i>State Energy Program</i>		<i>3,100,000,000</i>
		<i>Advanced Batteries</i>		<i>2,000,000,000</i>
		<i>Applied RDD&D including biomass and geothermal projects</i>		<i>2,500,000,000</i>
		<i>Alternative Fueled Vehicles Pilot Grant Program</i>		<i>300,000,000</i>
		<i>Transportation Electrification</i>		<i>400,000,000</i>
		<i>Energy Efficient Appliance Rebate Program and Energy Star Program</i>		<i>300,000,000</i>
		Electricity Delivery and Energy Reliability		4,500,000,000
		Fossil Energy Research and Development		3,400,000,000
		<i>Fossil Energy Research and Development Program</i>		<i>1,000,000,000</i>
		<i>Clean Coal Power Initiative Round III Funding Opportunity Announcements</i>		<i>800,000,000</i>
		<i>Carbon capture and energy efficiency projects</i>		<i>1,520,000,000</i>
		<i>Geologic formation site characterization activities</i>		<i>50,000,000</i>
		<i>Geologic sequestration training and research grants</i>		<i>20,000,000</i>
		<i>Program direction funding</i>		<i>20,000,000</i>
		Non-Defense Environmental Cleanup		483,000,000
		Uranium Enrichment Decontamination and Decommissioning Fund		390,000,000
		Science		1,600,000,000
		Advanced research Projects Agency (ARPA-E)		400,000,000
		Innovative Technology Loan Guarantee Program		6,000,000,000
		Office of Inspector General		15,000,000
		Bonneville Power Administration Borrowing Authority		3,250,000,000
		Western Area Power Administration Borrowing Authority		3,250,000,000
	Environmental and other Defense Activities			5,137,000,000
		Defense Environmental Cleanup		5,127,000,000
		Construction, Rehabilitation, Operation and Maintenance, Western Area Power Administration		10,000,000
Total Title IV				50,900,000,000

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TITLE V—FINANCIAL SERVICES AND GENERAL GOVERNMENT				
Department	Agency	Program		Amount
Department of the Treasury				187,000,000
	Treasury Inspector General for Tax Administration			7,000,000
	Community Development Financial Institutions Fund Program Account			100,000,000
	Internal Revenue Service			80,000,000
		Health Insurance Tax Credit Administration		80,000,000
General Services Administration				5,857,000,000
	Federal Buildings Fund			5,550,000,000
		<i>Conversion of GSA facilities to High-Performance Green Buildings</i>		4,500,000,000
	Energy Efficient Federal Motor Vehicle Fleet Procurement			300,000,000
	Office of Inspector General			7,000,000
Recovery Act Accountability and Transparency Board				84,000,000
Small Business Administration				730,000,000
	Salaries and Expenses			69,000,000
	Office of Inspector General			10,000,000
	Surety Bond Guarantees Revolving Fund			15,000,000
	Business Loans Program Account			636,000,000
		Direct Loans		6,000,000
		Guaranteed Loans		630,000,000
	Administrative Provisions-Small Business Administration			
Total Title V				6,858,000,000

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TITLE VII—INTERIOR, ENVIRONMENT, AND RELATED AGENCIES			Amount
Department	Agency	Program	
Department of the Interior			2,005,000,000
	Bureau of Land Management		320,000,000
		Management of Land and Resources	125,000,000
		Construction	180,000,000
		Wildland Fire Management	15,000,000
	U.S. Fish and Wildlife Service		280,000,000
		Resource Management	165,000,000
		Construction	115,000,000
	National Park Service		750,000,000
		Operation of National Park System	146,000,000
		Historic Preservation Fund	15,000,000
		Construction	589,000,000
	United States Geological Survey		140,000,000
		Surveys, Investigations, and Research	140,000,000
	Bureau of Indian Affairs		500,000,000
		Operation of Indian Programs	40,000,000
		Construction	450,000,000
		Indian Guaranteed Loan Program Account	10,000,000
	Office of Inspector General		15,000,000
Environmental Protection Agency			7,220,000,000
	Office of Inspector General		20,000,000
		Hazardous Substance Superfund	600,000,000
		Leaking Underground Storage Tank Trust Fund Program	200,000,000
		State and Tribal Assistance Grants	6,400,000,000
		<i>Clean Water State Revolving Funds</i>	<i>4,000,000,000</i>
		<i>Safe Drinking Water Act grants</i>	<i>2,000,000,000</i>
		<i>Brownfields projects authorized by CERCLA</i>	<i>100,000,000</i>
		<i>Diesel Emission Reduction Act grants</i>	<i>300,000,000</i>
Department of Agriculture			1,150,000,000
	Forest Service		1,150,000,000
		Capital Improvement and Maintenance	650,000,000
		Wildland Fire Management	500,000,000
Department of Health and Human Services			500,000,000
	Indian Health Service		500,000,000
		Indian Health Services	85,000,000
		Indian Health Facilities	415,000,000
Smithsonian Institution			25,000,000
		Facilities Capital	25,000,000
National Foundation on the Arts and the Humanities			50,000,000
		National Endowment for the Arts	50,000,000
		Grants and Administration	50,000,000
Total Title VII			10,950,000,000

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TITLE VIII—DEPARTMENTS OF LABOR, HEALTH AND HUMAN SERVICES, AND EDUCATION, AND RELATED AGENCIES				Amount
Department	Agency	Program		
Department of Labor				4,806,000,000
Employment and Training Administration				4,470,000,000
		Training and Employment Services		3,950,000,000
		Adult Employment and training activitie		500,000,000
		Grants to States for youth activities		1,200,000,000
		Grants to states for dislocated worker employment and training activities		1,250,000,000
		Dislocated workers assistance national reserve		200,000,000
		YouthBuild activities		50,000,000
		Competitive grants for worker training & placement in high growth & emerging industries (\$500M for energy efficiency/renewable energy)		750,000,000
		Community Service Employment for Older Americans		120,000,000
		State Unemployment Insurance and Employment Service Operations		400,000,000
Departmental Management				330,000,000
		Salaries and Expenses		80,000,000
		Office of Job Corps		250,000,000
Office of Inspector General				6,000,000
Department of Health and Human Services				21,517,000,000
Health Resources and Services Administration				2,500,000,000
		Health Resources and Services		2,500,000,000
National Institutes of Health				10,000,000,000
		National Center for Research Resources		1,300,000,000
		Office of the Director		8,200,000,000
		Buildings and Facilities		500,000,000
Agency for Healthcare Research and Quality				700,000,000
		Healthcare Research and Quality		700,000,000
Administration for Children and Families				5,150,000,000
		Payments to States for the Child Care and Development Block Grant		2,000,000,000
		Children and Family Services Programs		3,150,000,000
Administration on Aging				100,000,000
		Aging Services Program		100,000,000
Office of the Secretary				3,067,000,000
		Office of the National Coordinator for Health Information Technology		2,000,000,000
		Office of the Inspector General		17,000,000
		Public Health and Social Services Emergency Fund		50,000,000
		Prevention and Wellness Fund		1,000,000,000
Department of Education				43,164,000,000
		Education for the Disadvantaged		13,000,000,000
		Impact Aid		100,000,000
		School Improvement Programs		720,000,000
		Innovation and Improvement		200,000,000
		Special Education		12,200,000,000
		Rehabilitation Services and Disability Research		680,000,000
		Student Financial Assistance		15,840,000,000
		Student Aid Administration		60,000,000
		Higher Education		100,000,000
		Institute of Education Sciences		250,000,000
		Office of Inspector General		14,000,000
Corporation for National and Community Service				300,000,000
		Operating Expenses		160,000,000
		Office of Inspector General		100,000,000
		National Service Trust		40,000,000
Social Security Administration				1,002,000,000
		Limitation on Administrative Expenses		1,000,000,000
		Office of the Inspector General		2,000,000
Total Title VIII				70,789,000,000

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TITLE X—MILITARY CONSTRUCTION AND VETERANS AFFAIRS				
Department	Agency	Program		Amount
Department of Defense				3,000,000,000
		Military Construction, Army		180,000,000
		Military Construction, Navy and Marine Corps		280,000,000
		Military Construction, Air Force		180,000,000
		Military Construction, Defense-Wide		1,450,000,000
		<i>Energy Conservation Investment Program</i>		<i>120,000,000</i>
		Military Construction, Army National Guard		50,000,000
		Military Construction, Air National Guard		50,000,000
		Family Housing Construction, Army		34,507,000
		Family Housing Operation and Maintenance, Army		3,932,000
		Family Housing Construction, Air Force		80,100,000
		Family Housing Operation and Maintenance, Air Force		16,461,000
		Homeowners Assistance Fund		555,000,000
Department of Veterans Affairs				1,401,000,000
		Veterans Health Administration		1,000,000,000
		Medical Facilities		1,000,000,000
		National Cemetery Administration		50,000,000
		Departmental Administration		351,000,000
		General Operating Expenses		150,000,000
		Information Technolgoy Systems		50,000,000
		Office of Inspector General		1,000,000
		Grants for Construction of State Extended Care Facilities		150,000,000
Total Title X				4,401,000,000

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TITLE XII - TRANSPORTATION AND HOUSING AND URBAN DEVELOPMENT, AND RELATED ACTIVITIES				
Department	Agency	Program		Amount
Department of Transportation				48,120,000,000
	Office of the Secretary			1,500,000,000
		Supplemental Discretionary Grants for a National Surface Transportation System		1,500,000,000
	Federal Aviation Administration			1,300,000,000
		Supplemental Funding for Facilities and Equipment		200,000,000
		Grants-in-Aid for Airports		1,100,000,000
	Federal Highway Administration			27,500,000,000
		Highway Infrastructure Investment		27,500,000,000
	Federal Railroad Administration			9,300,000,000
		Capital Assistance for High Speed Rail Corridors and Intercity Passenger Rail Service		8,000,000,000
		Capital Grants to the National Railroad Passenger Corporation (Amtrak)		1,300,000,000
	Federal Transit Administration			8,400,000,000
		Transit Capital Assistance		6,900,000,000
		Fixed Guideway Infrastructure Investment		750,000,000
		Capital Investment Grants		750,000,000
	Maritime Administration			100,000,000
		Supplemental Grants for Assistance to Small Shipyards		100,000,000
	Office of Inspector General			20,000,000
Department of Housing and Urban Development				11,625,000,000
	Public and Indian Housing			4,510,000,000
		Public Housing Capital Fund		4,000,000,000
		Native American Housing Block Grants		510,000,000
	Community Planning and Development			4,750,000,000
		Community Development Fund		1,000,000,000
		Home Investment Partnerships Program		2,250,000,000
		Homelessness Prevention Fund		1,500,000,000
	Housing Programs			2,250,000,000
		Assisted Housing Stability and Energy and Green Retrofit Investments		2,250,000,000
		<i>Project Based Rental Assistance</i>		<i>2,000,000,000</i>
		<i>Grants or loans for energy retrofit and green investments in assisted housing</i>		<i>250,000,000</i>
	Office of Lead Hazard Control and Healthy Homes			100,000,000
		Lead Hazard Reduction Program		100,000,000
	Office of Inspector General			15,000,000
Total Title XII				59,745,000,000