

Carbon pricing in the US – Examining State-Level Policy Support and Federal Resistance

Supplementary Material

Table 2 (Detailed version). Subnational and federal carbon pricing policies in the US. Source: (Hafstead, 2021; ICAP, 2021b, 2021a)

Policy/Bill Name Policy Type Year started	Prevailing or Proposed Price/ton GHG)	Policy Entrepreneurs	Interest Groups	Allowances and Revenue Use
Subnational Policies				
Regional Greenhouse Gas Initiative (RGGI) Cap-and-trade; 2009	\$8.38	Policy experts from state-level environment departments. State Governors.	Support - Power utilities; non- power industry groups; Environmental NGOs. Opposition - Power generators.	100% allowance auctioning. Revenue used for energy efficiency, clean energy projects, and rate payer benefits.
California cap- and-trade Cap-and-trade; 2013	\$17.80	CARB; State legislators.	Initial support and subsequent opposition - Environmental justice and protection NGOs. Initial opposition and later support - Oil and gas industry groups, power generators and utilities.	70% auctioning; Revenue used for clean energy R&D, manufacturing, rebates to low-income communities.
Federal Proposals and Bills				
Waxman- Markey cap-and- trade bill (American Clean Energy and Security Act) Cap-and-trade; 2009	N/A	Congressmen Markey and Waxman.	Support – Electricity industry groups. Opposition – Oil and gas industry groups; environmental NGOs.	85% free allowances until 2026.
Climate Leadership Council (Proposal; Not a Bill) Carbon tax; 2017	\$43	Former Republican Secretaries of State - James Baker and George Shultz.	Support - Energy intensive manufacturers, Electric utilities, Some environmental organizations. Opposition – Center for Progressive Reform (CPR)	Carbon dividends.

Consumers REBATE Act (Introduced in 115th, 116 th Congress) Carbon tax; 2018	\$25 starting in 2021, increases \$10/year.	Rep. McNerney (D-CA), no cosponsors.	Support - Citizens Climate Lobby.	Reduced income tax rates; Quarterly carbon dividends; Worker transitional assistance; Infrastructure.
MARKET CHOICE Act (introduced in 115th, 116 th Congress) Carbon tax; 2018	\$35 starting in 2021, 5% annual increase.	Rep. Curbelo (R-FL), 3 Republican co-sponsors.	Support - Nature Conservancy.	75% for Infrastructure; 10% for low-income households; 3% worker transitional assistance; 13% for others.
Energy Innovation and Carbon Dividend Act Carbon tax; 2019	\$15 starting in 2020, increases \$10/year.	Rep. Deutch (D-FL), 85 Democrat, 1 Republican co-sponsor.	Support - Citizens Climate Lobby; C2ES; Trout Unlimited; Evangelical Environmental Network. Business Climate Council. Opposition – Center for biological diversity.	Carbon dividends.
American Opportunity Carbon Fee Act Carbon tax; 2019	\$52, 6% annual increase.	Sen. Whitehouse (D-RI), 3 Democrat co-sponsors.	Support - EDF	Payroll tax reductions; Worker transitional assistance; Climate adaptation assistance.
Stemming Warming and Augmenting Pay Act Carbon tax; 2019	\$30 starting in 2021, 5% annual increase.	Rep. Francis (R-FL), 1 Democrat co-sponsor.	Support - Citizens Climate Lobby.	70% for payroll tax reductions; 10% for Social Security beneficiaries; 20% to offset low-income household energy costs, energy efficiency.
Climate Action Rebate Act Carbon tax; 2019	\$15 starting in 2021; increases \$15/year.	Sen. Coons (D-DL), 1 Democrat co-sponsor.		70% as taxable carbon dividends; 20% for infrastructure; 5% for R&D; 5% for worker transitional assistance.
Raise Wages, Cut Carbon Act Carbon tax; 2019	\$4 starting in 2020; 2.5% annual increase.	Rep. Lipinski (D-IL), 1 Republican co-sponsor.		94% for payroll tax cuts and Social Security benefits; 5% for low-income home assistance; 1% for home weatherization program.
America Wins Act (introduced in 116 th and 117 th Congress) Carbon tax; 2019	\$52 starting in 2020; 6% annual increase.	Rep. Larson (D-CT), 9 Democrat co-sponsors.		54% for infrastructure; 43% for tax refunds to low-income households; 3% for worker transitional assistance.

Healthy Climate and Family Security Act Cap-and-trade; 2019	12.5% below 2005 levels in 2020, 60% below in 2030, and 80% below in 2040.	Sen. Van Hollen (D-MD), 1 Democrat co-sponsor.		100% quarterly allowance auction. Revenue distributed as equal payments to residents.
America's Clean Future Fund Act (introduced in both 116 th and 117 th Congress) Carbon tax; 2020	\$25 starting in 2022, increases \$10/year.	Sen. Durbin (D-IL), no cosponsors.	Support - C2ES; EDF	Carbon dividends; Climate change finance; Worker transitional assistance.
Save our Future Act Carbon tax; 2021	\$54 beginning in 2023, 6% annual increase.	Sen. Whitehouse (D-RI), 8 Democrat co-sponsors.		Semi-annual rebates; Worker transitional assistance; State block grants; Climate adaptation.

Note: List of bill proposals introduced during the 115 – 117th Congress.