

H.R. 4824, Carbon Sequestration Collaboration Act

As reported by the House Committee on Science, Space, and Technology on September 22, 2023

By Fiscal Year, Millions of Dollars	2023	2023-2028	2023-2033
Direct Spending (Outlays)	0	0	0
Revenues	0	0	0
Increase or Decrease (-) in the Deficit	0	0	0
Spending Subject to Appropriation (Outlays)	0	31	not estimated
Increases <i>net direct spending</i> in any of the four consecutive 10-year periods beginning in 2034?	No	Statutory pay-as-you-go procedures apply? No	
Increases <i>on-budget deficits</i> in any of the four consecutive 10-year periods beginning in 2034?	No	Mandate Effects	
		Contains intergovernmental mandate?	No
		Contains private-sector mandate?	No

H.R. 4824 would expand the research, development, and demonstration (RD&D) program on carbon dioxide sequestration within the Department of Energy (DOE). In particular, the bill would require DOE, in coordination with other federal agencies, to conduct RD&D activities related to terrestrial carbon sequestration, such as agricultural and forest land management. The bill also would require DOE to annually report to the Congress on the department's plans for carbon sequestration research.

Based on information from DOE, the cost of similar activities, and the expected time to fully execute the requirements, CBO estimates that implementing H.R. 4824 would cost \$1 million in 2024 and \$31 million over the 2024-2028 period. Spending would be subject to the availability of appropriated funds.

The costs of the legislation, detailed in Table 1, largely fall within budget function 270 (energy).

See also

[CBO's Cost Estimates Explained](#), [CBO Describes Its Cost-Estimating Process](#), [Glossary](#)



Table 1.
Estimated Increases in Spending Subject to Appropriation Under H.R. 4824

	By Fiscal Year, Millions of Dollars						2023-2028
	2023	2024	2025	2026	2027	2028	
Estimated Authorization	0	10	10	10	11	11	52
Estimated Outlays	0	1	4	7	9	10	31

The CBO staff contact for this estimate is Aaron Krupkin. The estimate was reviewed by H. Samuel Papenfuss, Deputy Director of Budget Analysis.

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