

## S. 2439, DHS Industrial Control Systems Capabilities Enhancement Act of 2021

As ordered reported by the Senate Committee on Homeland Security and Governmental Affairs on August 4, 2021

By Fiscal Year, Millions of Dollars	2021	2021-2026	2021-2031
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	*	not estimated
Statutory pay-as-you-go procedures apply?	No	<b>Mandate Effects</b>	
Increases on-budget deficits in any of the four consecutive 10-year periods beginning in 2032?	No	Contains intergovernmental mandate?	No
		Contains private-sector mandate?	No
* = between zero and \$500,000.			

S. 2439 would require the Cybersecurity and Infrastructure Security Agency (CISA) to identify and mitigate threats to systems that are used in the automated control of critical infrastructure processes (such as power generation and water treatment). The bill also would require CISA to brief the Congress on its capability to do so not later than six months after the bill's enactment and every six months thereafter over the four-year period following enactment of the bill. In addition, the bill would require the Government Accountability Office to review and report on CISA's practices for managing cybersecurity risks to industrial control systems.

CISA already assists the owners and operators of critical infrastructure with addressing security vulnerabilities in their industrial control systems. The bill would codify those responsibilities but would not impose any new operating requirements on the agency. CBO estimates that implementing S. 2439 would cost less than \$500,000 over the 2021-2026 period to prepare and deliver the required briefings; such spending would be subject to the availability of appropriations.

For this estimate, CBO assumes that the bill will be enacted in fiscal year 2022.

On March 29, 2021, CBO transmitted a [cost estimate for H.R. 1833](#), the DHS Industrial Control Systems Capabilities Enhancement Act of 2021, as ordered reported by the House Committee on Homeland Security on March 18, 2021. The two bills are similar, and CBO's estimates of their costs are similar. Differences in CBO's estimates of the cost of implementing the bills reflect the assumption that S. 2439 will be enacted in 2022.

The CBO staff contact for this estimate is Aldo Prospero. The estimate was reviewed by Leo Lex, Deputy Director of Budget Analysis.