



CBO's Recent Publications and Work in Progress as of March 31, 2023

April 2023

To provide the Congress with a comprehensive review of its work, the Congressional Budget Office publishes quarterly reports, like this one, that highlight the agency's recent publications and summarize its work in progress.¹

Recent Work

Over the past three months, CBO has produced a variety of budget and economic analyses, fulfilling the agency's core mission of supporting the Congress during each stage of the legislative process.

The agency published 63 cost estimates for legislation that was reported by a committee or that was the subject of a motion to be placed on the consensus calendar. They included an [estimate](#) published on January 20 for H.R. 7776, the James M. Inhofe National Defense Authorization Act for Fiscal Year 2023 (Public Law 117-263), which was enacted in December 2022. That legislation specifies the budget, expenditures, and policies of the Department of Defense (DoD) for fiscal year 2023. CBO estimated that the law would not increase on-budget deficits by more than \$5 billion in any of the four consecutive 10-year periods beginning in 2033. In early March, CBO published an [estimate](#) for S. 185, the Native American Direct Loan Improvement Act of 2023, which would make several changes to the program the Department of Veterans Affairs uses to provide loans directly to Native American veterans for the purchase, construction, improvement, or refinancing of their homes. In late March, the agency published an [estimate](#) for H.R. 1, the Lower Energy Costs Act as posted on the website of the House Committee on Rules, and an [estimate](#) for H.R. 1 as modified by the Manager's amendment. That bill would eliminate regulations and reduce costs associated with domestic energy production.

Since its last quarterly report on the agency's work in progress, CBO has released 23 reports, working papers, and other analytic products (see [Table 1](#) on page 6). A number of those products provided an analysis of the budgetary and economic situation in the United States. Most notable among those publications was an annual report that CBO is statutorily required to prepare, [The Budget and Economic Outlook: 2023 to 2033](#), which was published on February 15. Supplemental information released along with the report included 11 years of projections for about 2,000 separate budget accounts as well as for major categories of revenues and for economic variables. The agency also published details about its baseline budget projections for selected programs related to education, health, Social Security and pensions, and other issues. In addition, CBO published a [visual report](#) summarizing in graphic form the agency's economic projections over the next decade. The agency also released [slides](#) from a presentation that CBO's

1. For the previous edition of this report, see Congressional Budget Office, *CBO's Recent Publications and Work in Progress as of December 31, 2022* (January 2023), www.cbo.gov/publication/58169.

Director made to the U.S. House of Representatives on the budget, the economy, and the budgetary effects of legislative changes.

Other publications provided information about the budget and legislation:

- A set of [four infographics](#) on the federal budget in fiscal year 2022;
- CBO's *Monthly Budget Review*, which offers an updated snapshot of spending, revenues, and the deficit;
- A [summary](#) of the legislation enacted in the second session of the 117th Congress; and
- Two updated listings of expired and expiring authorizations for fiscal year 2023, covering legislation enacted through [September 30, 2022](#), and through [January 5, 2023](#).

The agency published three interactive tools:

- A [workbook](#) that allows users to explore how changes in economic conditions relative to CBO's February 2023 economic forecast would affect its federal budget projections;
- An [interactive](#) waterfall model that allows users to simulate the agency's process for projecting discretionary budget authority and outlays for different types of spending; and
- A [workbook](#) that allows users to see how revenues and outlays that differed from those in CBO's February 2023 baseline budget projections would affect debt service, deficits, and debt.

Some publications provided analyses of national security issues:

- A [report](#) that examines the availability and use of DoD's F-35 fighter aircraft and presents new findings on availability rates, flying hours, and the effects of aging;
- A [visual report](#) describing the availability and use of the F/A-18E/F Super Hornet fighter aircraft;
- A [report](#) on issues and budgetary choices involved in the procurement of hypersonic weapons; and
- An [analysis](#) of DoD's plans for 2023 through 2027 as presented in the 2023 Future Years Defense Program.

Other publications presented analyses to inform policy discussion and debate:

- A [report](#) that describes the financial commitments the federal government has made through its credit and insurance programs;
- A [working paper](#) examining how Alabama's recent expansion of its work requirement for the Temporary Assistance for Needy Families program affects employment and income;
- A [report](#) that describes CBO's projection for when the government's ability to issue additional debt will be exhausted under the current statutory federal debt limit;

- A [working paper](#) describing the role of defined benefit and defined contribution retirement plans in the distribution of family wealth;
- A [report](#) on the U.S. demographic outlook from 2023 to 2053; and
- A [working paper](#) analyzing how the amount that physicians are paid for services affects access to care for people dually enrolled in Medicare and Medicaid compared with people enrolled only in Medicare.

In addition, three letters responding to questions from Members of Congress provided more information on cost estimates and other analyses:

- [Additional information](#) about how CBO's 2010 projections of federal health care spending compared with actual spending over the 2010–2020 period and with the agency's current baseline;
- An [assessment](#) of the amount of spending reductions that would be necessary to balance the federal budget in 2033; and
- An [estimate](#) of the cost of the Administration's proposed rule for a new income-driven repayment plan for federal student loans.

Other recent publications explained how CBO carries out its work. For instance, the agency published a [report](#) describing how CBO supports the Congress through its work, how it produces that work, and how the agency makes its work available to the Congress and the public. Another [report](#) reviewed the agency's projections of federal revenues and outlays and the government's budget deficit for fiscal year 2022 and compared them with actual budgetary outcomes for that year. CBO also released a new edition of its recurring [report](#) on the agency's transparency efforts. In addition, CBO published its [appropriation request](#) for fiscal year 2024.

The agency also published several slide decks to provide additional information to the Congress about how it does its work. Three slide decks described the [first](#), [second](#), and [third](#) steps of the analytic approach CBO uses to assess the budgetary effects of alternative economic scenarios. Two slide decks provided additional information about CBO's projections of [capital gains](#) realizations and [remittances](#) from the Federal Reserve. Another [slide deck](#) described how the agency estimated the budgetary effects of three key prescription drug provisions in the 2022 reconciliation act.

Work in Progress

As of March 31, CBO was working on 80 cost estimates for legislation that had been ordered reported by a committee or that was the subject of a motion to be placed on the consensus calendar (see [Table 2 on page 7](#)). In addition, the agency was working on 23 analytic products that it expected to complete in the coming months.

Three recurring reports were in progress as of March 31:

- The *Monthly Budget Review: March 2023* (released on April 10);
- A visual report evaluating CBO's projections of outlays (to be released in April); and
- *The Long-Term Budget Outlook* (to be released in June).

Five requested products were in progress as of March 31:

- A visual report that provides an overview of issues surrounding the use of low-altitude satellites for defense communications and observation;
- A report that assesses how flood risk varies by income and demographic characteristics and how that risk is expected to evolve because of climate change;
- An analysis of the effects of federal policy options to lift or relax the exclusion of federal Medicaid payments for institutions for mental disease, or IMDs;
- A visual report that describes student loan repayment over time; and
- A report that examines the federal government's exposure to flood risk through residential mortgage guarantee programs.

CBO is also preparing various primers to help Congressional staff and the public understand budgetary concepts and the agency's processes. The documents will explain topics such as rescissions, the analytical framework that CBO uses to identify mandates in legislation, the laws that govern how baselines are constructed, the fiscal measures CBO considers when constructing its long-term budget analyses, and the methods it uses to prepare baseline projections and cost estimates. In addition, CBO will explain how it has updated its analysis of the budgetary effects of the Center for Medicare & Medicaid Innovation, how the Medicare and Medicaid improvement funds work, and how the agency analyzes crop insurance.

CBO has many other products in the research, drafting, and editing stages that support its mission of furnishing the Congress with timely analyses of policy issues. Several products will explain or support the analytic methods used in CBO's work and budget estimates or provide background information:

- A [report](#) describing the foreign-born population in the United States and that population's effect on the U.S. economy and federal budget (released on April 5);
- A working paper examining the role of the U.S. dollar as an international currency;
- A description of the factors that explain observed patterns in the economic profits of corporations and federal corporate income tax payments over recent decades;
- A visual report describing types of special pay for the military;
- A visual report describing the agency's Social Security projections;
- A visual report that summarizes how the prevalence of projected flood risk varies with communities' socioeconomic characteristics; and
- A working paper that describes the modeling of electric vehicle demand.

Lists of CBO's forthcoming analytic reports and all of its published reports are available on the agency's website.²

2. See Congressional Budget Office, www.cbo.gov/about/press-center and www.cbo.gov/topics.

The Congressional Budget Office prepares this report each quarter to help keep the Congress informed about the agency's work. Daniel Fried prepared this edition with guidance from Leigh Angres and with contributions from many people at CBO. Jeffrey Kling reviewed the report, and Loretta Lettner edited it.

The report is available at www.cbo.gov/publication/58961. CBO seeks feedback to make its work as useful as possible. Please send comments to communications@cbo.gov.

A handwritten signature in black ink, appearing to read "Phillip Swagel", with a long, sweeping horizontal flourish extending to the right.

Phillip L. Swagel
Director

Table 1.**Reports, Working Papers, Testimonies, and Interactive Tools Published by CBO From January 1, 2023, Through March 31, 2023**

Publication	Date
Workbook for How Changes in Economic Conditions Might Affect the Federal Budget: 2023 to 2033	March 28, 2023
Transparency at CBO: Future Plans and a Review of 2022	March 23, 2023
Financial Commitments of Federal Credit and Insurance Programs, 2012 to 2021	March 21, 2023
Testimony on the Congressional Budget Office's Request for Appropriations for Fiscal Year 2024	March 15, 2023
Legislation Enacted in the Second Session of the 117th Congress That Affects Mandatory Spending or Revenues	March 13, 2023
The Effects of Work Requirements on the Employment and Income of TANF Participants	March 9, 2023
Monthly Budget Review: February 2023	March 8, 2023
Testimony on the Congressional Budget Office's Request for Appropriations for Fiscal Year 2024	March 8, 2023
CBO's Waterfall Model for Projecting Discretionary Spending, March 2023	March 1, 2023
The Congressional Budget Office's Request for Appropriations for Fiscal Year 2024	February 21, 2023
The Economic Outlook for 2023 to 2033 in 16 Charts	February 21, 2023
How Changes in Revenues and Outlays Would Affect Debt Service, Deficits, and Debt	February 16, 2023
Federal Debt and the Statutory Limit, February 2023	February 15, 2023
The Budget and Economic Outlook: 2023 to 2033	February 15, 2023
Availability and Use of F-35 Fighter Aircraft: An Update	February 13, 2023
Defined Benefit and Defined Contribution Plans and the Distribution of Family Wealth	February 10, 2023
Availability and Use of the F/A-18E/F Super Hornet Fighter Aircraft	February 9, 2023
Monthly Budget Review: January 2023	February 8, 2023
U.S. Hypersonic Weapons and Alternatives	January 31, 2023
The Demographic Outlook: 2023 to 2053	January 24, 2023
Long-Term Implications of the 2023 Future Years Defense Program	January 11, 2023
Monthly Budget Review: December 2022	January 10, 2023
The Accuracy of CBO's Budget Projections for Fiscal Year 2022	January 9, 2023
"Lesser-of" Payment Policies and the Use of Physicians' Services Among Dual-Eligible Beneficiaries	January 6, 2023
An Introduction to the Congressional Budget Office	January 3, 2023

Data source: Congressional Budget Office.

Table 2.

Forthcoming Cost Estimates for Bills That Were Ordered Reported by a Committee or the Subject of a Motion to Be Placed on the Consensus Calendar as of March 31, 2023

Bill Number	Title	Committee
House Bills		
H.R. 314	Fighting Oppression until the Reign of Castro Ends Act; FORCE Act	H. Foreign Affairs
H.R. 467	Halt All Lethal Trafficking of Fentanyl Act; HALT Fentanyl Act	H. Energy and Commerce
H.R. 485	Protecting Health Care for All Patients Act of 2023	H. Energy and Commerce
H.R. 498	9–8–8 Lifeline Cybersecurity Responsibility Act	H. Energy and Commerce
H.R. 501	Block, Report, And Suspend Suspicious Shipments Act	H. Energy and Commerce
H.R. 554	Taiwan Conflict Deterrence Act of 2023	H. Financial Services
H.R. 555	Securing America's Vaccines for Emergencies Act of 2023; SAVE Act	H. Financial Services
H.R. 675	Secure Space Act of 2023	H. Energy and Commerce
H.R. 676	Coastal Communities Ocean Acidification Act of 2023	H. Science, Space, and Technology
H.R. 682	Launch Communications Act	H. Energy and Commerce
H.R. 734	Protection of Women and Girls in Sports Act of 2023	H. Education and Labor
H.R. 742	Telling Everyone the Location of data Leaving the U.S. Act; TELL Act	H. Energy and Commerce
H.R. 750	Chinese-owned Applications Using The Information of Our Nation Act	H. Energy and Commerce
H.R. 783	An act to designate the Department of Energy Integrated Engineering Research Center Federal Building located at the Fermi National Accelerator Laboratory in Batavia, Illinois, as the "Helen Edwards Engineering Research Center"	H. Transportation and Infrastructure
H.R. 784	Internet Application Integrity and Disclosure Act; Internet Application I.D. Act	H. Energy and Commerce
H.R. 801	Securing the Border for Public Health Act of 2023	H. Energy and Commerce
H.R. 1109	Bank Service Company Examination Coordination Act of 2023	H. Financial Services
H.R. 1153	Deterring America's Technological Adversaries Act	H. Foreign Affairs
H.R. 1161	Aligning SEC Regulations for the World Bank's International Development Association Act	H. Financial Services
H.R. 1162	Accountability for Government Censorship Act	H. Oversight and Reform
H.R. 1165	Data Privacy Act of 2023	H. Financial Services
H.R. 1166	Public Health Emergency Medical Supplies Enhancement Act of 2023	H. Financial Services
H.R. 1338	Satellite and Telecommunications Act	H. Energy and Commerce
H.R. 1339	Precision Agriculture Satellite Connectivity Act	H. Energy and Commerce
H.R. 1340	Open RAN Outreach Act	H. Energy and Commerce
H.R. 1341	Spectrum Coordination Act	H. Energy and Commerce
H.R. 1353	Advanced, Local Emergency Response Telecommunications Parity Act	H. Energy and Commerce
H.R. 1354	Information and Communication Technology Strategy Act	H. Energy and Commerce
H.R. 1360	American Cybersecurity Literacy Act	H. Energy and Commerce
H.R. 1370	Communications Security Act	H. Energy and Commerce
H.R. 1482	NOAA Weather Radio Modernization Act of 2023; NWR Modernization Act	H. Science, Space, and Technology
H.R. 1496	National Weather Service Communications Improvement Act	H. Science, Space, and Technology
H.R. 1603	Homeowner Energy Freedom Act	H. Energy and Commerce

House Bills (Continued)

H.R. 1684	An act to require the Secretary of State to submit an annual report to Congress regarding the ties between criminal gangs and political and economic elites in Haiti and impose sanctions on political and economic elites involved in such criminal activities	H. Foreign Affairs
H.R. 1713	An act to provide for Department of Energy and Department of Agriculture joint research and development activities, and for other purposes	H. Science, Space, and Technology
H.R. 1715	An act to direct the Department of Energy and the National Oceanic and Atmospheric Administration to conduct collaborative research in order to advance numerical weather and climate prediction in the United States, and for other purposes	H. Science, Space, and Technology
H.R. 1734	An act to require coordinated National Institute of Standards and Technology science and research activities regarding illicit drugs containing xylazine, novel synthetic opioids, and other substances of concern, and for other purposes	H. Science, Space, and Technology
H.R. 1735	Mathematical and Statistical Modeling Education Act	H. Science, Space, and Technology

Senate Bills

S. 10	VA Clinician Appreciation, Recruitment, Education, Expansion, and Retention Support Act of 2023; CAREERS Act	S. Veterans' Affairs
S. 66	NOTAM Improvement Act of 2023	S. Commerce, Science, and Transportation
S. 70	Tribal Trust Land Homeownership Act of 2023	S. Indian Affairs
S. 79	Interagency Patent Coordination and Improvement Act of 2023	S. Judiciary
S. 90	Informing Consumers about Smart Devices Act	S. Commerce, Science, and Transportation
S. 108	Guidance Clarity Act of 2023	S. Homeland Security and Governmental Affairs
S. 111	Providing Accountability Through Transparency Act of 2023	S. Homeland Security and Governmental Affairs
S. 112	An act to amend title 38, United States Code, to strengthen benefits for children of Vietnam veterans born with spina bifida, and for other purposes	S. Veterans' Affairs
S. 127	Pharmacy Benefit Manager Transparency Act of 2023	S. Commerce, Science, and Transportation
S. 132	Daniel J. Harvey Jr. and Adam Lambert Improving Service member Transition to Reduce Veteran Suicide Act	S. Veterans' Affairs
S. 142	Preserve Access to Affordable Generics and Biosimilars Act	S. Judiciary
S. 148	Stop Significant and Time-wasting Abuse Limiting Legitimate Innovation of New Generics Act; Stop STALLING Act	S. Judiciary
S. 150	Affordable Prescriptions for Patients Act of 2023	S. Judiciary
S. 206	Eradicating Narcotic Drugs and Formulating Effective New Tools to Address National Yearly Losses of life Act; END FENTANYL Act	S. Homeland Security and Governmental Affairs
S. 211	Saving Money and Accelerating Repairs Through Leasing Act; SMART Leasing Act	S. Homeland Security and Governmental Affairs
S. 243	An act to require the Commissioner of U.S. Customs and Border Protection to establish procedures for conducting maintenance projects at ports of entry at which the Office of Field Operations conducts certain enforcement and facilitation activities	S. Homeland Security and Governmental Affairs
S. 257	Supporting Americans Wrongfully or Unlawfully Detained Abroad Act of 2023	S. Homeland Security and Governmental Affairs
S. 264	Lobbying Disclosure Improvement Act	S. Homeland Security and Governmental Affairs
S. 306	Tule River Tribe Reserved Water Rights Settlement Act of 2023	S. Indian Affairs
S. 310	Disaster Contract Improvement Act	S. Homeland Security and Governmental Affairs

Senate Bills (Continued)

S. 318	Save Our Seas 2.0 Amendments Act	S. Commerce, Science, and Transportation
S. 349	Military Spouse Employment Act	S. Homeland Security and Governmental Affairs
S. 460	Urban Indian Health Confer Act	S. Indian Affairs
S. 467	Changing Age-Determined Eligibility To Student Incentive Payments Act; CADETS Act	S. Commerce, Science, and Transportation
S. 479	Fire Suppression and Response Funding Assurance Act	S. Homeland Security and Governmental Affairs
S. 509	Supporting Americans Wrongfully or Unlawfully Detained Abroad Act of 2023	S. Foreign Relations
S. 595	Rio San José and Rio Jemez Water Settlements Act of 2023	S. Indian Affairs
S. 666	Identifying and Eliminating Wasteful Programs Act	S. Homeland Security and Governmental Affairs
S. 670	IMPACTT Human Trafficking Act	S. Homeland Security and Governmental Affairs
S. 679	GAO Database Modernization Act of 2023	S. Homeland Security and Governmental Affairs
S. 709	Federal Agency Performance Act of 2023	S. Homeland Security and Governmental Affairs
S. 717	Clear and Concise Content Act of 2023	S. Homeland Security and Governmental Affairs
S. 780	Duplication Scoring Act of 2023	S. Homeland Security and Governmental Affairs
S. 794	Customs Trade Partnership Against Terrorism Pilot Program Act of 2023; CTPAT Pilot Program Act of 2023	S. Homeland Security and Governmental Affairs
S. 824	National Risk Management Act of 2023	S. Homeland Security and Governmental Affairs
S. 829	Disclosing Foreign Influence in Lobbying Act	S. Homeland Security and Governmental Affairs
S. 884	Improving Digital Identity Act of 2023	S. Homeland Security and Governmental Affairs
S. 917	Securing Open Source Software Act of 2023	S. Homeland Security and Governmental Affairs
S. 932	No Congressionally Obligated Recurring Revenue Used as Pensions To Incarcerated Officials Now Act; No CORRUPTION Act	S. Homeland Security and Governmental Affairs
S. 933	Federal Data Center Enhancement Act of 2023	S. Homeland Security and Governmental Affairs
S. 945	Reporting Efficiently to Proper Officials in Response to Terrorism Act of 2023; REPORT Act	S. Homeland Security and Governmental Affairs
S. 950	An act to amend the Omnibus Public Land Management Act of 2009 to make a technical correction to the water rights settlement for the Shoshone-Paiute Tribes of the Duck Valley Reservation, and for other purposes	S. Indian Affairs

Data source: Congressional Budget Office.
