

This volume is one of a series of reports on the state of the budget and the economy that the Congressional Budget Office issues each year. It satisfies the requirement of section 202(e) of the Congressional Budget Act of 1974 for CBO to submit to the Committees on the Budget periodic reports about fiscal policy and to provide baseline projections of the federal budget. In keeping with CBO's mandate to provide objective, impartial analysis, this report makes no recommendations.

CBO's Panel of Economic Advisers commented on an early version of the economic forecast underlying this report. Members of the panel were Katharine Abraham, Alan Auerbach, David Autor, Olivier Blanchard, Markus Brunnermeier, Mary Daly, Steven Davis, Kathryn Dominguez, Robert Hall, Jan Hatzius, Donald Kohn, Nellie Liang, Gregory Mankiw, Emi Nakamura, Jonathan Parker, Adam Posen, James Poterba, Valerie Ramey, Brian Sack, Robert Shimer, James Stock, Justin Wolfers, and Mark Zandi. Robert Wescott attended the panel's meeting as a guest. Although CBO's outside advisers provided considerable assistance, they are not responsible for the contents of this report.

The following pages list the CBO staff members who contributed to this report by preparing the economic, revenue, and spending projections; analyzing the recent tax legislation; writing the report; reviewing, editing, fact-checking, and publishing it; compiling the supplemental materials posted along with it on CBO's website (www.cbo.gov/publication/53651); and providing other support.

Keith Hall Director

4/20 Holl

April 2018

### **Economic Projections**

The economic projections were prepared by the Macroeconomic Analysis Division, with contributions from analysts in other divisions. That work was supervised by Jeffrey Werling, Robert Arnold, John Kitchen, and Kim Kowalewski.

Y. Gloria Chen Inflation, house prices

Devrim Demirel Fiscal policy

Michael Falkenheim Financial markets

Daniel Fried Net exports, exchange rates, energy prices

Edward Gamber Interest rates, monetary policy, current-quarter analysis

Ronald Gecan Energy prices

Mark Lasky Business investment, housing

Joshua Montes (formerly of CBO) Labor markets

Jeffrey Perry Financial markets

John Seliski Federal, state, and local government spending and revenues

Robert Shackleton Potential output, productivity

Claire Sleigh Motor vehicle sector, model and data management

Adam Staveski Housing, research assistance

Christopher Williams Consumer spending, incomes

### **Revenue Projections**

The revenue projections were prepared by the Tax Analysis Division, supervised by John McClelland, Mark Booth (formerly of CBO), Edward Harris, and Janet Holtzblatt. In addition, the staff of the Joint Committee on Taxation provided valuable assistance.

Paul Burnham Retirement income

Dorian Carloni Corporate income taxes

Jacob Fabian Customs duties

Nathaniel Frentz Federal Reserve System earnings, miscellaneous fees and fines

Bilal Habib Wage distribution, refundable tax credits

Peter Huether Excise taxes

Shannon Mok Estate and gift taxes

Cecilia Pastrone Excise taxes

Kevin Perese Tax modeling

Molly Saunders-Scott International taxation, business taxation
Kurt Seibert Payroll taxes, depreciation, tax modeling

Joshua Shakin Individual income taxes
Jennifer Shand Corporate income taxes

Naveen Singhal Capital gains realizations, tax modeling

### **Spending Projections**

The spending projections were prepared by the Budget Analysis Division, with contributions from analysts in other divisions. That work was supervised by Theresa Gullo, Leo Lex, Sam Papenfuss, Christina Hawley Anthony, Tom Bradley, Kim Cawley, Chad Chirico, Sheila Dacey, Sarah Jennings, and Adam Wilson of the Budget Analysis Division, as well as by Jessica Banthin, Alexandra Minicozzi, and David Weaver of the Health, Retirement, and Long-Term Analysis Division and Sebastien Gay of the Financial Analysis Division.

Defense, International Affairs, and Veterans' Affairs

Kent Christensen Defense (projections, working capital funds, operation and

maintenance, procurement, scorekeeping)

Sunita D'Monte International affairs

Ann Futrell Veterans' health care and employment training services,

international food assistance

Raymond Hall Defense (research and development, stockpile sales, atomic

energy, Navy procurement)

William Ma Defense (operation and maintenance, procurement,

compensation for radiation exposure and energy

employees' occupational illness, other defense programs)

David Newman Defense (military construction and family housing,

military activities in Afghanistan), veterans' housing and

education benefits, reservists' education benefits

David Rafferty Military retirement

Dawn Sauter Regan Defense (military personnel)

Matthew Schmit Military health care

Logan Smith Veterans' compensation and pensions, other benefits for

disabled veterans

Health

Susan Yeh Beyer Health insurance coverage

Alice Burns Medicaid, health insurance coverage

Julia Christensen Food and Drug Administration, prescription drugs

**Jacob Fabian** Workplace safety programs

Kate Fritzsche Health insurance marketplaces, other programs

Philippa Haven Medicare, Public Health Service

Medicare, Federal Employees Health Benefits program Lori Housman Emily King Health Resources and Services Administration, mental

health, other programs

Jamease Kowalczyk Medicare

Sarah Masi Health insurance marketplaces, other programs Kevin McNellis Health insurance marketplaces, other programs

Eamon Molloy Health insurance coverage Health (Continued)

Andrea Noda Medicaid prescription drugs, long-term care, Public Health

Service

Romain Parsad Health insurance coverage
Allison Percy Health insurance coverage
Ezra Porter Health insurance coverage

Lisa Ramirez-Branum Medicaid, health insurance coverage

Lara Robillard Medicare Sarah Sajewski Medicare

Robert Stewart Medicaid, Children's Health Insurance Program,

Indian Health Service

Ellen Werble Prescription drugs, Public Health Service

Colin Yee Medicare

Rebecca Yip Medicare, prescription drugs, Public Health Service

Chris Zogby Health insurance coverage

Income Security and Education

Tia Caldwell Child Care and Development Block Grant, refugee

assistance

Meredith Decker Unemployment insurance, training programs,

Administration on Aging, Smithsonian Institution, arts

and humanities

Elizabeth Cove Delisle Housing assistance

Kathleen FitzGerald Supplemental Nutrition Assistance Program and

other nutrition programs

Jennifer Gray Social Services Block Grant, support programs for children

and families, child nutrition and other nutrition

programs

Justin Humphrey Student loans, higher education

Wendy Kiska Pension Benefit Guaranty Corporation

Leah Koestner Elementary and secondary education, Pell grants

Justin Latus Supplemental Security Income

Susanne Mehlman Temporary Assistance for Needy Families, Child Support

Enforcement program, foster care, child care programs,

Low Income Home Energy Assistance Program

Noah Meyerson Old-Age and Survivors Insurance, Social Security trust

funds, Pension Benefit Guaranty Corporation

Emily Stern Disability Insurance

Natural and Physical Resources

Tiffany Arthur Agriculture

Megan Carroll Energy, air and water transportation Michael Falkenheim Federal Deposit Insurance Corporation Mark Grabowicz Administration of justice, Postal Service

Kathleen Gramp Energy, Outer Continental Shelf receipts, spectrum auction

receipts, Orderly Liquidation Fund

Wendy Kiska Federal Deposit Insurance Corporation

Jeff LaFave Conservation and land management, other natural

resources, Federal Housing Administration and other

housing credit programs

James Langley Agriculture

Jeffrey Perry Fannie Mae and Freddie Mac, Federal Housing

Administration

Matthew Pickford General government, legislative branch

Sarah Puro Highways, mass transit, Amtrak, deposit insurance, credit

unions

Commerce, Small Business Administration, Stephen Rabent

Universal Service Fund

Robert Reese Community and regional development, Federal Emergency

Management Agency, Bureau of Indian Affairs,

administration of justice

Mitchell Remy Fannie Mae and Freddie Mac, Federal Housing

Administration

Janani Shankaran Recreational resources, judicial branch, science and space

exploration

Jon Sperl Pollution control and abatement

Aurora Swanson Water resources, Fannie Mae and Freddie Mac

Other Areas and Functions

Shane Beaulieu Computer support

Barry Blom Federal pay, monthly Treasury data

Appropriation bills (Labor, Health and Human Services, Joanna Capps

and Education; Legislative Branch)

Meredith Decker Other interest, debt limit

Avi Lerner Interest on the public debt, automatic budget enforcement

and sequestration, Troubled Asset Relief Program

Amber Marcellino Federal civilian retirement

George McArdle Appropriation bills (Military Construction and Veterans

Affairs; State and Foreign Operations)

Other Areas and Functions (Continued)

Dan Ready Various federal retirement programs, national income and

product accounts, federal pay, historical data

Justin Riordan Appropriation bills (Commerce, Justice, and Science;

Financial Services and General Government)

Mark Sanford Appropriation bills (Agriculture and Food and Drug

Administration; Defense)

Esther Steinbock Appropriation bills (Energy and Water Development;

Transportation and Housing and Urban Development)

J'nell Blanco Suchy Appropriation bills (Interior and Environment; Homeland

Security), authorization bills

Patrice Watson Database system administrator

### Analysis of the Effects of the 2017 Tax Act

The analysis of the economic and budgetary effects of Public Law 115-97, the 2017 tax act, was prepared by the Macroeconomic Analysis Division and the Tax Analysis Division. That work was supervised by Jeffrey Werling and John McClelland. The analysis was prepared by Robert Arnold, Paul Burnham, Dorian Carloni, Devrim Demirel, Michael Falkenheim, Daniel Fried, Edward Harris, Janet Holtzblatt, John Kitchen, Mark Lasky, Sarah Masi, Shannon Mok, Joshua Montes (formerly of CBO), Cecilia Pastrone, Molly Saunders-Scott, Kurt Seibert, John Seliski, Robert Shackleton, Joshua Shakin, Jennifer Shand, and Naveen Singhal. In addition, the staff of the Joint Committee on Taxation provided valuable assistance.

## Writing

Barry Blom wrote the summary. Christopher Williams and Kim Kowalewski wrote Chapter 1, with assistance from John Seliski. Amber Marcellino wrote Chapter 2, with assistance from Megan Carroll, Avi Lerner, and Dan Ready. Nathaniel Frentz, Cecilia Pastrone, Kurt Seibert, Joshua Shakin, and Jennifer Shand wrote Chapter 3. Barry Blom wrote Chapter 4. Amber Marcellino wrote Appendix A, with assistance from Megan Carroll and Nathaniel Frentz. John Kitchen and Molly Saunders-Scott wrote Appendix B, with assistance from Devrim Demirel, Daniel Fried, and Mark Lasky. Avi Lerner wrote Appendix C. Claire Sleigh compiled Appendix D, and Dan Ready compiled Appendix E.

# Reviewing, Editing, Fact-Checking, and Publishing

Wendy Edelberg, Mark Hadley, Jeffrey Kling, and Robert Sunshine reviewed the report. The editing and publishing were handled by CBO's editing and publishing group, supervised by Benjamin Plotinsky, and the agency's communications team, supervised by Deborah Kilroe.

Christine Bogusz, Christine Browne, Christian Howlett, Kate Kelly, Loretta Lettner, Bo Peery, Benjamin Plotinsky, and Elizabeth Schwinn edited the report; Casey Labrack and Jorge Salazar prepared it for publication; and Robert Dean, Annette Kalicki, Adam Russell, and Simone Thomas published it on CBO's website. Aaron Betz, Tia Caldwell, Y. Gloria Chen, Kent Christensen, Meredith Decker, Jacob Fabian, Daniel Fried, Ann Futrell, Edward Gamber, Peter Huether, Mark Lasky, David Newman, Cecilia Pastrone, Dan Ready, Robert Reese, Robert Shackleton, Claire Sleigh, Adam Staveski, and Adam Wilson fact-checked the report. Lara Robillard coordinated the preparation of tables of baseline projections. Peter Huether, Dan Ready, Claire Sleigh, and Adam Staveski compiled data and supplemental information. Casey Labrack and Simone Thomas coordinated the presentation of those materials.