ANNUAL REPORT
Congressional Research Service
Library of Congress
FISCAL YEAR 2020

To the Joint Committee on the Library
United States Congress
Pursuant to Section 321
Public Law 91-510
Mary B. Mazanec, Director
### CONTENTS

Letter from the Director .................................................. 1
Leadership ......................................................................... 2
Mission, Vision, Core Values and Guiding Principles .......... 3

**SERVING CONGRESS** ....................................................... 5

  - Products and Services .................................................. 6
  - Major Policy Issues ...................................................... 19

**OPTIMIZING RESOURCES** .............................................. 97

  - Communications .......................................................... 98
  - Data Metrics ..................................................................... 98
  - IT Modernization and IRIS .............................................. 99
  - Outreach ......................................................................... 99
  - Workforce ....................................................................... 100

**APPENDIXES** ................................................................ 101

  - A. Organization Chart .................................................. 102
  - B. Offices and Divisions ................................................. 103
  - C. Budget ........................................................................ 106
  - D. New Products ............................................................ 107
THANKS FOR PRACTICING SOCIAL DISTANCING
LETTER FROM
THE DIRECTOR

I am pleased to present the annual report of the Congressional Research Service (CRS) for fiscal year 2020. This report highlights the Service’s accomplishments in fiscal 2020 and reflects its continued commitment to serve Congress in the exercise of its legislative, representational and oversight duties.

CRS exists to serve Congress. From the enactment of legislation in 1914 establishing the Service, to the Legislative Reorganization Act of 1970 and into its second century, CRS has served as a vital source of authoritative, nonpartisan, objective, confidential and timely information for Congress. The organization continues to evolve, transform and adapt so that it can continue to meet the needs of a 21st century Congress.

It goes without saying that 2020 has been a year unlike any other. The COVID-19 pandemic significantly impacted our personal and professional lives in many ways. CRS staff rose to the occasion and continued to provide Congress with timely research and analysis of the highest quality. I want to recognize our staff, along with our many colleagues from across the Library, whose hard work and dedication made this possible. I deeply appreciate these efforts, and I am honored to be part of an organization with such talented, knowledgeable and mission-focused colleagues.

In response to the pandemic, CRS launched a COVID-19 resources page and published more than 1,000 written products related to the pandemic that address a broad range of policy and legal topics. We also continued to provide a high volume of consultative support — meeting with Members of Congress and congressional staff via virtual collaboration software, such as Skype and Webex, and testifying virtually. CRS experts analyzed and advised on a host of unprecedented actions related to the pandemic, including the creation of novel assistance programs, new interpretations of emergency authorities, rapid medical products development, and billions of dollars in new health care and social services spending. CRS also supported Congress as it considered issues related to immigration and national security; antitrust and consumer protection; impeachment matters, including on the scope of Congress’s impeachment power; voting rights and absentee voting; the 2020 census; and the policing practices of federal, state and local law enforcement officers.

CRS ended the fiscal year having resolved more than 75,000 congressional requests for custom support. It published 1,300 new and 2,600 updated general distribution products. The Service also transitioned its in-person seminar and training programs to an entirely virtual model, adapting its programing for the webinar format.

The Service has also been busy working on a number of institutional initiatives. In collaboration with the Office of the Chief Information Officer, we made significant progress on a multi-year initiative to modernize our mission-critical information technology systems. We conducted an effort to identify ways to enhance internal development and training opportunities, modernized our staff intranet, surveyed Congress regarding our products and services, and continued to strengthen our knowledge management capacity.

At CRS, we consider it an honor and a privilege to serve the U.S. Congress. We are dedicated to meeting the needs of the modern Congress and remain committed to our unique mission to provide expert research and analysis, grounded in more than 100 years of institutional knowledge.
LEADERSHIP

Mary B. Mazanec  
Director

T.J. Halstead  
Deputy Director

Catherine Hurst Weber  
Counselor to the Director

Brian J. O’Rourke  
Senior Advisor to the Director, Technology

Robin D. Grove  
Coordinator of Review

Francois A. DiFolco  
Associate Director  
Administrative Operations

Cliff Cohen  
Associate Director  
Legislative Information Systems

Tamera L. Wells-Lee  
Associate Director  
Publishing

Jeanne M. Dennis  
Acting Assistant Director  
American Law

Laura B. Shrestha  
Assistant Director  
Domestic Social Policy

Michael Moodie  
Assistant Director  
Foreign Affairs  
Defense and Trade

Jeffrey W. Seifert  
Assistant Director  
Government and Finance

Lillian W. Gassie  
Assistant Director  
Knowledge Services Group

Dana A. Shea  
Assistant Director  
Resources, Science and Industry
MISSION
To serve Congress with the highest quality of research, analysis, information and confidential consultation, to support the exercise of its legislative, representational and oversight duties in its role as a co-equal branch of government.

VISION
CRS is the premier source of research and analysis for the first branch of government.

CORE VALUES

GUIDING PRINCIPLES
The first of CRS’s two directional goals is to:

Enhance service and expand access for all of Congress

Service to the U.S. Congress remains at the core of the Library’s mission. CRS plays a critical role in this effort by providing nonpartisan, objective and authoritative research and analysis exclusively to Congress. When the Library implements its fiscal 2019-2023 strategic plan, CRS will be well-positioned to support the Library’s goals, including to “expand access” and “enhance services.”

Building on more than a century of experience, CRS continues to innovate and develop thoughtful approaches to supporting Congress in its legislative, oversight and representational duties. Over the past several years, the Service has expanded its product portfolio in response to congressional feedback and anticipated needs. Today, as a result of these efforts, Congress can access short-form reports, multimedia and social media on demand.

The Service provides expertise in every area of interest to Congress: American law, domestic policy, foreign affairs, government, and science and industry. In this report and on our website for Congress, our products are organized around 23 issue areas designed to align with congressional portfolios.
PRODUCTS AND SERVICES

CRS offers personalized, tailored services; analytical and informative products in a variety of formats; website-based features; social media and email distribution lists; as well as signature programs and events.
CUSTOM SERVICES

Custom Products and Services

- 28,715 Telephone responses
- 3,176 In-person briefings, consultations and testimony
- 5,141 Background and miscellaneous services
- 2,575 Confidential memoranda
- 35,584 Email responses

Total custom products and services: 75,191

1 Summary of categories with small total counts, such as revising existing reports upon demand for a specific client, supplying DVDs of a recorded event, sending non-CRS created materials, etc.

99% Member/standing committee offices received custom CRS services

Percentage for which at least one custom service was provided during the year.
PRODUCTS AND SERVICES ► CUSTOM SERVICES

Briefing Books
The Service prepares briefing books for use by congressional delegations traveling abroad. These materials support specific purposes of a congressional trip and may include maps, selected products such as CRS reports, tailored writing on background and current issues regarding U.S. relations, and questions Members might ask when meeting with government and other officials.

Confidential Memoranda
CRS prepares confidential memoranda to fulfill specific congressional requests. These memoranda are prepared for the use of the requester and are not distributed further unless the requester grants permission. This format is often used by CRS analysts and attorneys, for example, to respond to highly focused inquiries about the legal implications of statutory provisions, proposed legislation or executive actions.

Staff Briefings
Briefings for Members and congressional staff – individually or in groups – constitute another form of tailored response to congressional inquiries. These briefings might focus on bills in formulation, foreign or domestic policy issues before Congress, the legislative process, congressional operations or general orientations to CRS services and products.

Telephone, Virtual Collaboration Software and Email Responses
CRS staff are directly accessible by telephone, virtual collaboration software (such as Skype or Webex), or email. The Service provides numerous responses through these modes of communication, ranging from quick consultations to briefings and interactive discussions. In these instances, CRS’s goals are to provide expertise, ease of access and a personalized timely response.

Testimony
CRS staff provide expert testimony at hearings at the request of congressional committees and subcommittees. Written statements of testimony are available on CRS.gov.
REPORTS AND RESOURCES

General Distribution Products

9,617  Bill summaries in LIS/Congress.gov
2,551  Updates to CRS reports and other products
1,325  New CRS reports and other general distribution products

13,493  Total new/updated general distribution products

9,427  CRS reports and product titles available at year end
Appropriations Status Table
CRS librarians author and update content on the Appropriations Status Table by closely monitoring appropriations activities and by incorporating information from analysts across CRS. The Appropriations Status Table is available for congressional clients on CRS.gov and is perennially one of the most viewed products on the website. It displays congressional documents and CRS content in one place, aggregates and describes key congressional activities, and is updated almost immediately after activities occur and content becomes available – making it highly valuable to Congress. When appropriations activities are occurring in Congress, updates are often published multiple times per day. Members and congressional staff can now use the table to research more than 20 years of normalized historical information on appropriations, back to fiscal 1999.

Bill Summaries
CRS produces summaries for all introduced bills and most versions of bills as they move through the legislative process. Analysts interpret existing law and write abstracts of all introduced bills, explaining new programs and how current law would be modified or appended. These summaries can be found on Congress.gov.

Congressional Distribution Memoranda
The Service prepares congressional distribution memoranda when the interest of a relatively small number of congressional readers is anticipated or when the transiency of an issue or product make its inclusion as a listed report unsuitable. If an issue becomes important to a larger congressional audience, the memorandum may be recast as a CRS report.

Constitution Annotated
CRS continued its work on the Constitution Annotated. Mandated by federal statute, this document constitutes Congress’ official record of how the Supreme Court has interpreted the Constitution. At the end of fiscal 2019, the Service launched a new Constitution Annotated website. Serving congressional clients and the general public, the website proved popular, achieving over a million visits and millions of page views during fiscal 2020. Working with the Library’s Office of the Chief Information Officer, the Service refined the website in fiscal 2020, adding new features such as a homepage carousel that highlights key issues, an Updates page to announce recent changes to the content, improved search functionality and streamlined browse navigation.

CRS Written Products
The Service prepares reports, analyses and studies on specific policy and legal issues of congressional interest. These reports clearly define topics in legislative contexts. The basic requirements of these and other written products include relevance, as well as compliance with CRS core values, including authoritativeness, nonpartisanship, and objectivity. Analysts define and explain technical terms and concepts, frame issues in understandable and timely contexts, and, in some instances, provide appropriate and valid quantitative data. Written product types include:

- **Reports**: Comprehensive research and analysis on the range of issues before Congress
- **In Focus**: Short, two-page documents providing a quick overview or primer on a topic
- **Infographics**: Visual representations that bring clarity to complex processes and topics
- **Insights**: Short analyses of current topics of interest to Congress
- **Legal Sidebar**: Brief examinations of recent developments in the law
- **Testimony**: Written statements of CRS experts called before Congress
Multimedia

The Service provides a variety of multimedia products to Congress. Videos of public policy and budget briefings, educational seminars and special events are available on demand to congressional staff on DVD or online. CRS posted 52 videos to CRS.gov during fiscal 2020, including a series of short-form videos on the Budget Control Act. Other videos included a series on disruptive technologies, programs on policy issues and previews of upcoming programs. CRS continued its development of podcasts in fiscal 2020. Podcasts allow congressional clients to listen to analysts discuss legislative issues in their respective research areas. Podcast topics included the transformation of USAID, the fundamentals of defense readiness, the Ebola outbreak in the Democratic Republic of Congo, the basics of military housing, and multiple sessions on COVID-19 and the financial system.
WEBSITES

CRS.gov Activity Stats

1,023,484

Congressional views of CRS.gov pages, including:

381,858

CRS report and general-distribution products views

21,932

Legal Sidebar views

14,773

Appropriations status table views

5,475

Audio and video media views*

*Client access of CRS Podcast, Video Brief, and DVD pages
PRODUCTS AND SERVICES • WEBSITES

CRS.gov
The Service’s website for Congress gives clients the ability to access a wide variety of products and resources, register for seminars, place online requests and stream videos of briefings or events. Research products, in both short and long formats, are organized by issue area and are accessible via an online search. The site also contains guides to legislative procedures and resources for constituent services and other congressional office functions. The website is available on the secure internal Capitol Hill network to congressional clients and select legislative branch agencies.

Congress.gov
As a part of the Library’s multi-departmental team, CRS contributed to continuing development and daily operations of the next-generation legislative information system platform and services on Congress.gov. Through a multi-year Library-wide strategy, Congress.gov replaces Congress’s legacy legislative information system—Legislative Information System (LIS)—with a modern system. CRS provided data analysis, subject matter expertise, consultation, user acceptance testing and support for congressional users and data partners, as well as coordinated data partner relationships.

Public Release Website
The Consolidated Appropriations Act, 2018, directed the Librarian of Congress, in consultation with the CRS Director, to establish and maintain a public website containing non-confidential CRS reports. Reports are accessible at crsreports.congress.gov.
SOCIAL MEDIA AND SUBSCRIPTIONS

25,400 monthly Twitter impressions (approximate)

3,077 My CRS subscriptions (approximate users at year end)

My CRS
My CRS is a subscription feature of CRS.gov that allows congressional clients to quickly place requests online, subscribe to topics relevant to their work and save searches.

On the Floor
On the Floor, a weekly compendium of products relevant to scheduled or expected floor action, is available on CRS.gov and by email subscription to all Members, committees, subcommittees and congressional staff. All bills and related products listed on this page link to the bills themselves on the Bill Summary and Status pages and to the products on the website. On the Floor is updated throughout the week as needed.

Programs Newsletter
This email notification system provides subscribers with descriptions of upcoming programs and links to easily register online.

Twitter
The CRS Twitter account, @CRS4Congress, regularly showcases timely CRS products and services. Started in 2011, @CRS4Congress is a closed account; CRS administrators approve only Members and congressional staff as followers. By the end of fiscal 2020, CRS4Congress had 1,230 followers, an eight percent increase over the number of followers at the end of fiscal 2019.
Federal Law Update Series
For more than three decades, the Service has offered continuing legal education credits to Members and congressional staff through its Federal Law Update (FLU) series, held in the spring and the fall. The program generally consists of 12 sessions offered over two weeks. Attorneys provide updates on issues of law and policy directly related to the legislative agenda. In spring 2020, CRS adapted the FLU series to a virtual format to enable participants to join from remote locations in response to the pandemic. In fall 2020, CRS hosted the full FLU series virtually.

The 2020 spring Legal Webinar Series included the following sessions:

- Professional Ethics: Revolving Door for Former and Current Government Attorneys
- Professional Ethics: Representing Clients in the Marijuana Industry

The 2020 fall FLU covered the following topics:

- Supreme Court’s October 2019 Term: A Review of the Court’s Major Rulings
- Supreme Court Preview
- Congress and Policy Reform: Select Legal Issues
- Past and Present: The Civil Rights Act of 1964
- Legal Issues in U.S.-China Relations: Technology, Trade, and Intellectual Property
- The Freedom of Information Act: Legal Background and Issues for Congress
- Liability in the Time of COVID
- Privacy in the Time of COVID-19: Federal Regulation of Digital Contact Tracing
- Congress’s Power to Tax and Control Federal Spending
- Select Issues in Crime and Technology: Facial Recognition and Computers
- Election 2020: Federal Regulation of Political Campaign Contributions
- Professional Ethics: Social Media and Candor Issues

Issues & Policy Seminar
The Service hosted the 2020 Issues and Policy Seminar. The program offers introductions on policy topics likely to be of interest to the current Congress. The 2020 program featured two plenary sessions: “2019 Novel Coronavirus Outbreak” and “U.S. Economic Outlook: Available Tax and Spending Options.” Breakout sessions

Legal Instruction Programs
Through close collaboration with the Law Library of Congress, the Service co-sponsored a series of programs on legal research for congressional staff. Topics included: using print and electronic sources to conduct legislative history and statutory research, tracing federal regulations and a general introduction to legislative research. CRS held 22 of these programs during fiscal 2020.

Legislative and Budget Process Institute
Congressional staff became acquainted with the practice of legislative procedures and the congressional budget process at a series of increasingly complex institutes held at regular intervals during the course of the year. CRS staff conducted eight introductory institutes on legislative procedures and resources and held two advanced legislative process series for congressional staff. In response to the pandemic, the in-person introductory institute was modified for webinar content and was offered as “Congressional Concepts: An Overview of Process and Resources.” The Service conducted an introductory program on legislative concepts in conjunction with the House Learning Center. Seminars on the budget process, offered in 18 sessions, provided congressional staff with an integrated overview of how federal budgeting works, as well as a more advanced look at separate aspects of the process. CRS specifically tailored the District/State Staff Institutes, offered two times during fiscal 2020, to the needs of staff working in Members’ home state offices. CRS also modified the institute for the webinar format.

Meetings with Foreign Dignitaries and Parliaments
CRS held substantive meetings and exchanges with representatives from countries such as Georgia, Kazakhstan, Kyrgyzstan and Vietnam, among others, as well as from institutions such as the European Parliament and the International Commission on Missing Persons. CRS also supported delegations of
visiting Members of Parliament and parliamentary staff for the House Democracy Partnership.

**Orientations and Briefings**
The Service hosted a number of orientation programs for congressional staff, interns and organizations that sponsored congressional fellows. Staff prepared introductory orientations on CRS services, legislative process and policy-specific briefings. CRS conducted 24 orientations on services for new congressional staff, 11 briefings for congressional interns and volunteers, 22 orientations to Congress.gov, and many other briefings for congressional offices and fellowship groups.

**Public Policy Seminars**
The Service conducted numerous seminars for Members and staff on a wide variety of issues of interest to Congress, including the following:

- “Stage One” U.S.-Japan Trade Agreements
- Artificial Intelligence: An Overview of Technologies and Issues for Congress
- Brexit: Status and Outlook – Office Hours
- Budget and Economic Outlook: 2020 to 2030
- Consumer Debt Relief during the COVID-19 Pandemic
- COVID-19 and China
- COVID-19 Outbreak: Individual Income Security
- COVID-19 Outbreak: The Domestic Public Health Response
- CRS Africa Forum: AFRICOM’s Posture Review and Terrorism Trends in Africa
- FEMA Disaster Assistance Overview at the Start of the 2020 Hurricane Season
- Financial Regulation and the Federal Budget
- FY2021 Defense Budget: Issues for Congress
- FY2021 Federal Research and Development (R&D) Funding
- FY2021 International Affairs Budget: Issues for Congress
- Global Implications and Impacts of the COVID-19 Pandemic: Issues for Congress
• Hong Kong: Office Hours
• Information Access and COVID-19: Copyright Issues in Distance Learning, Remote Worship, and Ebooks
• Intelligence Oversight & The DNI
• Legal Issues in COVID-19 Vaccine Development: FDA and Intellectual Property Law
• Military Health System: Selected Issues
• Military Pay
• Navigation Trust Funds
• Overview of the Opioid Litigation, Potential Global Settlements, and Considerations for Congress
• Paid Family and Medical Leave in the United States
• PFAS (Per- and Polyfluoroalkyl Substances): Federal Actions and Legislation
• Processing Asylum Seekers at the U.S.-Mexico Border: Recent Policy Changes
• Reauthorization of the National Flood Insurance Program
• Recent Developments in FinTech Regulation
• Stopping Illegal Robocalls Webinar: Status and Effectiveness of Technical and Regulatory Initiatives
• Syria: Turkish Incursion, U.S. Withdrawal, and Sanctions—Office Hours
• The Changing World Order and National Security Planning: Issues for Congress
• The Federal Budget and the Economy: An Introduction
• The Legislative Process in Action: Senate Floor Procedure

• Transfers and Reprogramming: An Overview of DOD Authorities, Border Barrier Transfers, and Issues for Congress
• Understanding Constituent Problems with the Military
• U.S. - China Trade Issues
• U.S. Oil and Natural Gas Production: Ramifications of Volatile Prices
• Update on 5G Technologies: Issues for Congress
• USMCA/NAFTA 2.0: Office Hours
• Veterans Health Administration 101: Overview of the VA Health System

**Seminar Series**
The Service also presented several public policy issues in a series of seminars. The “Current Developments” series included conversations with ambassadors, including the ambassadors to the U.S. from Afghanistan, Pakistan and Uzbekistan. It also hosted a series of programs as part of the “CRS Disruptive Technology Series.” Sessions included “Potential Disruption from Advanced Battery Storage on Electricity and Other Economic Sectors” and “Quantum Information Science: Applications, Global Research and Development, and Policy Considerations.”

Building on the legislative process institute, the Service continued the “Master the Legislative Process” series. These lunch-hour discussions on legislative processes used relevant examples to illustrate the impact of rules and procedures on legislative outcomes. Geared toward experienced staff, the sessions sought to assist those staff who incorporate knowledge of procedures into their strategic legislative planning. Sessions included “H.Res. 965: Proxy Voting in the House and Remote Committee Proceedings” and “Senate Voting Thresholds.”
MAJOR POLICY ISSUES

The Service supported Congress during all stages of the legislative process and across a range of public policy issues. This support included examining the nature and extent of challenges facing Congress; identifying and assessing policy options; assisting with hearings on policy proposals and implementation; supporting congressional review of nominations and treaties; and providing products, briefings and consultations to address issues on the legislative agenda. See the appendix for a full list of research products. Highlights of the year follow.
MAJOR POLICY ISSUES

AGRICULTURE AND FOOD

To support Congress as it responded to the disruptive effects of the COVID-19 pandemic, CRS published numerous products and engaged in briefings and presentations that identified the nature and scope of the disruptions to the agriculture and food sectors, while also addressing responses initiated by the Administration and tracking supplemental funding that Congress appropriated. CRS also addressed a variety of other ongoing policy concerns, including climate change as it relates to agriculture, rural broadband and agricultural disaster assistance, among others. In view of the limitations the pandemic imposed on in-person events, CRS used virtual platforms to inform clients—including Members, staff with committees of jurisdiction and staff of committee members—on the latest policy developments on these and other issues and to address questions and issues of specific concern to their individual states and districts.

Agricultural Disaster Assistance. Agricultural producers were subject to wildfires and hurricanes, as well as floods and derecho events that damaged crops, killed livestock and destroyed farm structures across multiple regions of the country. CRS responded by providing Congress with timely and situation-specific information on various federal disaster assistance programs and with practical assistance, such as how to access program eligibility criteria and assistance application forms. In addition to assisting individual Member offices representing districts struck by natural disasters, CRS provided analysis and information on the range of assistance programs available and their applicability to specific events.

Commodity Credit Corporation (CCC). The Administration undertook several initiatives to mitigate the negative financial effects of COVID-19 on farmers and agricultural commodity markets without congressional authorization by tapping the borrowing authority of the Commodity Credit Corporation (CCC). These actions led to broad congressional interest in the CCC, a Depression-era institution with a mandate to support agricultural markets through a permanent line of credit with the U.S. Treasury. CRS published research products and engaged in numerous briefings to inform Congress of the history and evolution of the CCC, the breadth of its activities and the scope of its borrowing authority.

COVID-19, Agriculture and Food Supplies. As the coronavirus pandemic began to impact agriculture and food supply chains, CRS supported congressional action through written products and consultative activities, providing insight on how supply chains were disrupted and analyzing the implications for producers, processors and consumers. CRS produced a series of written products that analyzed the effects of the pandemic on the food supply chain for meat and livestock products, including milk and dairy products and fresh fruit and vegetables, as well as the implications of the pandemic on agricultural prices and farm income. CRS also created separate reports that explained and analyzed the policy responses to the pandemic enacted by Congress, as well as those by the Administration, to address economic...
CRS created **51** new products in the area of agriculture and food.

### SELECTED PRODUCTS

**CRS Reports**
- “COVID-19, U.S. Agriculture, and USDA’s Coronavirus Food Assistance Program (CFAP)” (R46347)
- “USDA’s Coronavirus Food Assistance Program (CFAP) Direct Payments” (R46395)
- “Climate Change Adaptation: U.S. Department of Agriculture” (R46454)
- “COVID-19 and Global Food Security: Issues for Congress” (IF11575)
- “Greenhouse Gas Emissions and Sinks in U.S. Agriculture” (IF11404)
- “COVID-19 and USDA Farm Loan Flexibilities” (IN11415)
- “COVID-19 Disrupts U.S. Meat Supply; Producer Prices Tumble” (IN11366)

**In Focus**
- “Supplemental Appropriations for Agriculture and Related Agencies Due to COVID-19” (IF11491)
- “USDA Rural Development and COVID-19: Supplemental Funding and Agency Actions” (IN11391)

**Insight**
- “COVID-19 and USDA Farm Loan Flexibilities” (IN11415)
- “COVID-19 Disrupts U.S. Meat Supply; Producer Prices Tumble” (IN11366)

losses sustained by agricultural producers and to provide food assistance to many newly food insecure families. The Service provided support to Congress on a wide array of pandemic-related policy issues.

**Hemp and Cannabidiol (CBD).** Changes enacted in the 2018 farm bill disentangled hemp from legal restrictions on marijuana, thereby facilitating a major expansion in commercial production of hemp and broadened congressional interest in hemp and a plethora of hemp and CBD-based consumer products. CRS prepared a series of products that provided a broad overview of the status of the emerging hemp industry and research that addressed the potential for hemp and CBD products, as well as FDA regulation of consumer products containing CBD. CRS experts analyzed the market for cannabis-derived products, the state of cannabis research and the FDA’s role in regulating cannabis-derived product, the regulatory scheme for cannabis products and cannabis research, and legislation seeking to broaden access to cannabis-derived products and identified the potential health policy implications of such access. CRS also examined the legal impact of the evolution of cannabis as a controlled substance and its impact on hemp at the 2020 CRS Issues and Policy Seminar.
MAJOR POLICY ISSUES

APPROPRIATIONS

CRS provided close support to Members and staff on diverse matters implicating Congress’s “power of the purse,” including how constitutional and statutory authorities constrain executive discretion over federal funds. The Service prepared written products, engaged in briefings and conducted seminars on such high-profile matters as the Administration’s construction of border barriers using funds appropriated for other purposes, agency discretion over CARES Act funding made available under multiple programs to address the effects of the COVID-19 pandemic, and proposals to provide economic stimulus through executive action rather than through additional COVID supplemental appropriations.

Appropriations Bills and Procedure. The Service maintains an interdisciplinary team of analysts who respond to crosscutting appropriations-related requests and produce the annual appropriations reports, which are among the Service’s most accessed products. The team is also responsible for maintaining and updating CRS’s most popular policy product, the Appropriations Status Table. In fiscal 2020, analysts and information professionals continued to develop a unique database of appropriations-related legislative actions going back to the mid-1970s. This database allows the Service to quickly and authoritatively respond to congressional inquiries about historical appropriations measures. Analysts provided a range of products related to appropriations bills and served as resources to appropriations committees as they prepared a full-government omnibus appropriations bill. The Service also presented six specialized seminars on appropriations procedure, as well as numerous presentations to staff in specific appropriations policy areas. These seminars continued in webinar format throughout the spring and summer for an audience of hundreds of congressional staff.

Federal Spending and the Response to the COVID-19 Pandemic. Congress’s efforts to provide a federal response to COVID-19 brought constant high-level interest from Members on the effectiveness of the three major emergency spending packages, both at the national level and in each state and district. CRS analysts provided continuous updates on spending levels of nearly every federal agency and department to aid the response and benefits of that spending to constituents and local economies.

Legislative Branch Appropriations. The Service provided research and analysis on consideration and implementation of the annual legislative branch appropriations acts. This support included research on the comparison of legislative branch and total discretionary budget authority; the timing of the consideration of appropriations bills; and other subjects related to legislative branch appropriations, including structure, costs of various programs, history and funding.
CRS created **77** new products in the area of appropriations.

**SELECTED PRODUCTS**

**CRS Reports**
“Congress’s Power Over Appropriations: Constitutional and Statutory Provisions” (R46417)

“Coronavirus Aid, Relief, and Economic Security (CARES) Act: CRS Experts” (R46299)

“COVID-19: Potential Implications for International Security Environment—Overview of Issues and Further Reading for Congress” (R46336)

**In Focus**
“Congress’s Power Over Appropriations: A Primer” (IF11577)

**Insight**
“Firearms-Related Appropriations Riders” (IF11371)

“Agency Discretion to Manage Appropriated Funds: The WHO Funding Announcement” (LSB10466)
MAJOR POLICY ISSUES

BANKING AND FINANCE

The economic impacts of the COVID-19 pandemic rippled through the financial system, threatening a meltdown akin to the crisis in 2008. Policymakers responded quickly, particularly with enactment of the Coronavirus Aid, Relief, and Economic Security (CARES) Act, which provided both emergency support for the financial system as well as consumer relief. Congressional oversight also focused on the financial system, with a specific congressional commission on the CARES Act support. CRS analysts and attorneys consulted with Members and staff, provided written products, crafted hearing questions and assisted with legislation addressing a wide variety of effects of the COVID-19 pandemic on the financial system as well as other ongoing issues, such as the effects of evolving technologies in finance or fintech. The support provided by CRS experts in the pandemic environment was adapted by an increase in the use of virtual tools, such as webinars and podcasts for Members and staff.

Cryptocurrency. Cryptocurrency acts as money in an electronic payment system in which transactions are validated by a decentralized network of computers rather than a third-party intermediary, such as a bank. The use of this technology (“FinTech”) creates certain potential benefits, may pose certain risks and raises a number of legal questions for policymakers. While Congress monitored developments in this rapidly evolving field, CRS provided written products, briefings and seminars for Members and staff concerning the intersection of FinTech and banking law, such as special-purpose bank charters for FinTech companies, the application of federal securities law to digital asset fundraising and trading, the application of federal anti-money laundering law to FinTech firms and proposals to harmonize divergent state regulations.

Financial Regulation and Reform. The expanding role of technology in financial markets, the ongoing globalization of those markets and the continuing evolution of financial products offered to consumers continue to create novel issues for Congress to consider. The COVID-19 emergency also generated a host of fiscal crises and regulatory questions that demanded Congress’s attention. To aid Congress in understanding and responding to these issues, CRS provided written and consultative analysis for Members and staff concerning new banking rules governing the “exportation” of interest rates on bank loans sold to non-banks, the regulation of U.S. investment in foreign securities, the Federal Reserve’s legal authorities for responding to the economic impacts of COVID-19, and the application and interpretation of the federal securities laws in the context of the economic fallout from COVID-19.

COVID-19 and Financial Stability. When the worldwide impact of the COVID-19 pandemic became clear, the stability of the financial system was called into question and financial markets reeled. Financial regulators, particularly the Federal Reserve, responded
quickly, using authorities Congress created following past crises. The Federal Reserve’s role as a lender of last resort, however, is limited when a crisis threatens economic losses that bring widespread business failures and insolvencies. Providing more support requires congressional action, and Congress responded in particular with the CARES Act, which provided $500 billion for a variety of loans and loan guarantees. The largest part of this funding included backing for Federal Reserve programs, allowing losses on Federal Reserve programs, effectively subsidizing credit to both financial and non-financial companies. CRS closely followed implementation of the CARES Act with written products and consultations with Members and committees of jurisdiction.

COVID-19 and Consumers. Job losses and economic dislocations from COVID-19 continued to threaten not just immediate consumer wellbeing as incomes dropped, but can also caused lasting problems as people eventually fell behind on loans, faced home foreclosure and experienced lasting damage to credit scores. Legislation addressed these concerns through mechanisms such as mandatory loan forbearances and restrictions on credit score changes. CRS provided analysis of such tradeoffs in a variety of forms while Congress crafted policies for both the immediate crisis and the longer term.

Oversight of Financial Regulators. Financial regulators often enjoy significant independence in the leadership of their agencies and in their funding mechanisms. Congressional oversight continues, however, particularly through regular, sometimes statutorily required hearings. This oversight has increased through the COVID-19 pandemic, with additional hearing requirements and an oversight commission. CRS provided background and analysis on regulatory rules and other actions as Members of Congress carried out these responsibilities.

TESTIMONY

The House Committee on Financial Services called on two specialists in financial economics to testify at subcommittee hearings in FY2020.

Baird Webel, specialist in financial economics, testified on “Reauthorization of the Terrorism Risk Insurance Program.” His testimony discussed the details of the Terrorism Risk Insurance Program as well as the changes Congress has enacted since the initial 2002 act. He particularly highlighted issues that Congress might consider such as the treatment of cyberterrorism and potential gaps in the program in the case of a nuclear, chemical, biological or radiological terrorist attack.

Rena Miller, specialist in financial economics, testified on “Financing of Domestic Terrorism and Extremism.” Her testimony focused on existing counterterrorism and anti-money laundering policy tools that are largely used to address international terrorism. She also highlighted issues and concerns with adapting these approaches to domestic terrorism.
CRS created 100 new products in the area of banking and finance.

SELECTED PRODUCTS

**CRS Reports**
- “Digital Assets and SEC Regulation” (R46208)
- “Fintech: Overview of Innovative Financial Technology and Selected Policy Issues” (R46332)
- “COVID-19: Consumer Loan Forbearance and Other Relief Options” (R46356)
- “Federal Securities Laws: An Overview” (IF11422)
- “Financial Services for Marijuana Businesses” (IF11373)

**In Focus**
- “Treasurer’s Exchange Stabilization Fund and COVID-19” (IF11474)
- “Financial Innovation: Central Bank Digital Currencies” (IF11471)

**Legal Sidebar**
- “The Federal Reserve’s Legal Authorities for Responding to the Economic Impacts of COVID-19” (LSB10435)
- “Federal Banking Regulator Finalizes Rule on State Usury Laws” (LSB10512)
- “Revising the Volcker Rule: Section 203 and Section 204 of the Economic Growth, Regulatory Relief, and Consumer Protection Act” (LSB10382)

**Insight**
- “Mortgage Provisions in the Coronavirus Aid, Relief, and Economic Security (CARES) Act” (IN11334)
- “COVID-19: Support for Mortgage Lenders and Servicers” (IN11316)

**NOTABLE EVENTS**

In August 2020, members of the banking, insurance, securities and macroeconomic policy team created two CRS podcasts discussing the risks that the COVID-19 pandemic posed to the financial system and policymakers’ responses to those risks. The first podcast focused on the banking industry, and the second focused on the Federal Reserve’s responses to events in numerous financial markets.

As Congress monitored developments in the rapidly evolving financial technology (FinTech) field, CRS held a seminar on Jan. 24, 2020, that considered the potential risks, benefits and legal questions raised by FinTech. The seminar, “Recent Developments in FinTech Regulation,” analyzed the intersection of FinTech and banking law, the application of federal securities law to digital asset fundraising and trading, the application of federal anti-money laundering law to FinTech firms and proposals to harmonize divergent state regulations.
MAJOR POLICY ISSUES

COMMERCE AND SMALL BUSINESS

The Commerce and Small Business issue area covers a wide range of business-related activities. In addition to issues related to the impacts of the COVID-19 pandemic on businesses, major issues during fiscal 2020 included oversight of large internet-based companies, as both the House and the Senate devoted attention to leading companies’ market power, use of consumer information and alleged political biases. CRS experts assisted with hearings and published a wide range of reports to help Congress understand how digital advertising differs from traditional print and broadcast advertising, how competition in digital markets differs from competition in other markets and why conventional considerations in evaluating the potential effects of mergers may not apply in the digital world. CRS also assisted Members in understanding the rapid changes affecting the television industry and considering how federal laws and regulations might address them.

Streaming Services and the Television Industry. Broadcast television stations, cable systems and direct broadcast satellite services are rapidly losing subscribers due to viewers opting to watch programs streamed over the internet. Video streaming services, which may carry original content as well as previously broadcasted films and television shows, do not face the community service obligations of television broadcasters and cable providers. Their growth raises questions about future support for local news programming and public-access cable channels. Several large media companies have inaugurated streaming services amid indications that they may withhold content under their control from competitors’ services, potentially restricting competition and inhibiting entry into the industry. Streaming services are not subject to federal communications laws and are not regulated by the Federal Communications Commission. CRS assisted Members in understanding the rapid changes affecting the television industry and considering how federal laws and regulations might address them.

Data Privacy and Protection. The use of social media and the debate over whether to regulate the tech industry have raised questions in Congress regarding the legality of promoting data privacy and protection, which implicates several stakeholders, including tech companies, state and federal governments, and the public-at-large. The COVID-19 emergency brought a number of these issues to the fore in unique ways, prompting CRS experts to publish written analyses regarding the interplay between existing data protection laws and the use of digital contact tracing and telehealth services. Experts also authored products that compared privacy legislation proposed by the 116th Congress and regulations from data protection agencies like the Federal Trade Commission.

The CARES Act and the Small Business Administration. CRS attorneys and analysts worked together to publish analyses of the Small Business Administration’s implementation of the CARES Act, including new policies relating to the eligibility of larger
businesses and religious organizations for funds, as well as the applicability of nondiscrimination requirements.

**Antitrust and Consumer Protection.** CRS provided Congress with written and consultative analysis on a number of current issues pertinent to the regulation of business, including federal antitrust regulators’ updated vertical merger guidelines, antitrust questions raised by the COVID-19 pandemic and emerging judicial interpretations of the enforcement remedies available to federal consumer protection agencies.

**Oversight of Platform Industries.** Large internet-based companies came under the congressional spotlight in the second session of the 116th Congress, as both the House and the Senate devoted extensive attention to leading companies’ market power, use of consumer information and alleged political biases. CRS experts assisted with hearings and published a wide range of reports to help Congress understand how digital advertising differs from traditional print and broadcast advertising, how competition in digital markets differs from competition in other markets and why conventional considerations in evaluating the potential effects of mergers may not apply in the digital world.
CRS created 84 new products in the area of commerce and small business.

SELECTED PRODUCTS

**CRS Reports**
- “Competition Among Video Streaming Services” (R46545)
- “Copyright Act and Communications Act Changes in 2019 Related to Television” (R46023)
- “COVID-19 Relief Assistance to Small Businesses: Issues and Policy Options” (R46284)
- “Federal Assistance to Troubled Industries: Selected Examples” (R46277)
- “Identifying TV Political and Issue Ad Sponsors in the Digital Age” (R46516)
- “The Cable Franchising Authority of State and Local Governments and the Communications Act” (R46147)
- “Digital Contact Tracing and Data Protection Law” (R46542)

**In Focus**
- “How Consumer Data Affects Competition Through Digital Advertising” (IF11448)
- “Role of Online Services in Entertainment Industry Diversity” (IF11424)
- “The Universal Service Fund and COVID-19: The FCC and Industry Response” (IF11520)
- “The CARES Act: Implications for Tribes” (IF11500)

**Insight**
- “Competition in Digital Markets: Vertical Integration and Acquisitions” (IN11462)
- “COVID-19 and Broadband: Potential Implications for the Digital Divide” (IN11239)
- “COVID-19 Economic Stimulus: Business Payroll Tax Cuts” (IN11260)
- “The Paycheck Protection Program (PPP) and Larger Borrowers: Oversight Efforts and Options for Congress” (IN11374)
- “U.S. Travel and Tourism and COVID-19” (IN11325)

**Legal Sidebar**
- “Antitrust Enforcement During the COVID-19 Pandemic: Frequently Asked Questions” (LSB10472)
- “Antitrust Regulators Release New Vertical Merger Guidelines” (LSB10521)
- “Broadband Connectivity and COVID-19: The FCC’s Response” (LSB10475)
- “Regulating Internet Access: Lessons from COVID-19” (LSB10520)
- “What Is An Autodialer? A Lingering Robocall Enforcement Question” (LSB10406)

NOTABLE EVENTS


In October 2019, members of CRS’s Domestic Social Policy division and Government and Finance division presented a seminar, “Paid Family and Medical Leave in the United States.”

Barry F. Huston, analyst in social policy
MAJOR POLICY ISSUES

CONGRESSIONAL PROCESS, ADMINISTRATION AND ELECTIONS

In fiscal 2020, the Service provided expertise related to procedural aspects of virtually all major legislation considered by Congress, including the annual appropriations bills; consideration of supplemental appropriations bills, including multiple bills responding to the COVID-19 pandemic; and a wide range of authorizing legislation. CRS experts also advised Congress on modernization of its rules and processes and on a wide range of topics related to congressional administration, congressional commissions, and lobbying and ethics issues. In addition, CRS provided research and analysis on campaign finance and elections issues, including election security and multiple aspects of election administration amid the 2020 election cycle. The Service also provided Congress with research and analysis of the U.S. census as the 2020 decennial census was conducted.

Impeachment. Fiscal 2020 saw only the third impeachment of a President in the history of the United States. Both leading up to and during impeachment proceedings against President Trump, attorneys and analysts, through written products and consultations, advised lawmakers extensively on impeachment matters, including on the scope of Congress’s impeachment power; how that power augments other legislative powers, thereby enabling Congress to obtain information it could not acquire in a more routine investigation; and procedural issues relating to House and Senate impeachment proceedings, such as the burden of proof that needs to be met to support impeachment and removal from office.

Voting Rights and Absentee Voting. In response to the COVID-19 pandemic, Congress became increasingly interested in the potential effects on the 2020 federal primary and general elections, balancing dual concerns of voting accessibility and safety with election integrity. Attorneys provided briefings and written products analyzing litigation that challenged key aspects of numerous state laws related to absentee and all-mail voting, the legal considerations relating to postponing federal elections and the constitutionality of draft federal legislation to regulate elections. Leading up to the Nov. 3, 2020 presidential election, attorneys provided briefings and written analysis on the Electoral Count Act, provisions of the U.S. Constitution addressing the electoral college, the Voting Rights Act, the Federal Contested Elections Act and a July 2020 Supreme Court decision upholding state laws that penalize presidential electors who violate a pledge to support the candidate chosen in a state’s popular vote.

Government Ethics. During the fiscal year, there was increased congressional attention to the application and interpretation of ethics rules and laws applicable to
the legislative and executive branches of government, including restrictions on political activities and regulation of conflicts of interest. This enhanced interest prompted written products, in-person briefings with Members of Congress and congressional staff, and a Federal Law Update seminar and two webinars. CRS experts also produced research and analyses for congressional clients on a range of topics related to lobbying and ethics, including the Foreign Agents Registration Act, ethics pledges in the executive branch, the work of the Office of Government Ethics and regulation under the Lobbying Disclosure Act.

The 2020 Census. During the ongoing 2020 Census, congressional interest in the conduct of the decennial census intensified during the 116th Congress. Issues of interest included Bureau of the Census operations, funding levels and a variety of issues related to the decennial census; modifications to decennial 2020 census operations in response to COVID-19; development of new census-related products to track COVID-19’s effects; as well as various demographic and other statistics derived from census data. CRS experts advised Congress on a number of legal questions regarding the 2020 Census, including the President’s authority to include a citizenship question on the census questionnaire. Other aspects of the 2020 Census are in litigation, prompting questions from Congress on the ongoing activities, including suits challenging the timeline for completion of the 2020 Census and an executive memorandum requesting certain categories of the U.S. population be excluded from the population count. CRS tracked these judicial developments for congressional clients as these challenges made their way through the courts.

Budget Process. The Service assisted Congress in its examination and use of the process for considering budgetary matters. Experts across the Service provided analyses of appropriations floor amendments and options with regard to continuing resolutions and the final Consolidated Appropriations Acts, which was completed two months after the beginning of the fiscal year. Analysts provided information regarding the budget process constraints on new authorization provisions, as well as the implications of the expired provisions. CRS provided 20 seminars and numerous in-person briefings on the budget process, and budget analysts aided committee leadership in handling the rules and procedures for considering the appropriations measures.

Campaign Finance and Elections. CRS experts supported congressional policymaking and oversight during the 2020 election cycle. During the 116th Congress, CRS provided research and analysis to support congressional consideration of several bills related to election security and to elections and voting amid the COVID-19 pandemic. CRS also provided legal advice to Members and staff on legal developments and constitutional limitations for proposed legislation, including analysis of the Supreme Court’s campaign finance jurisprudence establishing the constitutional parameters for increasing disclosure and limiting political campaign contributions. The Service provided insight through written products and briefings regarding the constitutionality of legislation to enhance the prohibition on foreign national involvement in U.S. elections and to regulate online political advertising. Congress consulted with CRS experts when it considered legislation and oversight that concerned the presidential public financing program, politically active tax-exempt organizations, super PACs and the FEC. The Service also provided information and analysis on topics such as voter registration, voter identification, the Electoral College, the National Popular Vote Initiative, and military and overseas voting.

Legislative Branch Management and Administration. CRS provided information and analysis to congressional staff on the administration and management of Member offices and other institutions within the legislative branch. CRS research and analysis focused on areas such as congressional office operations,
casework management and other constituent services, congressional staffing issues, the legislative branch budget and congressional salaries. CRS provided information and analysis to Congress about the Office of the Attending Physician and other aspects of Congress’s administrative and operational response to COVID-19. CRS experts also conducted research and analysis on topics such as the Members’ Representational Allowance and the Senators’ Official Personnel and Office Expense Account, congressional advisory commissions, commemorations, congressional nominations to the service academies and congressional staff benefits.

Legislative Process. CRS experts participated in 49 introductory and advanced institutes on legislative procedure and resources and 20 sessions on the budget and appropriations process in fiscal 2020. They also offered a series of seminars and webinars geared toward committee staff directors, chiefs of staff and legislative directors. CRS legislative process analysts assisted Members and staff with understanding complex congressional rules and practices related to considering legislation from introduction to enactment. The Service provided strategic consultations to party leaders, committees and personal offices on virtually all legislation considered on each chamber floor, as well as on many legislative proposals during the drafting and committee consideration. For House members, analysts aided in the unprecedented use of remote hearings and voting. Analysts continued other projects and research related to the Senate’s authority to confirm nominations, Congress’s ability to overturn national emergencies declared by the President, treaty and trade legislation, and possible reform of House rules and procedures.
CRS created **74** new products in the area of congressional process, administration, and elections.

### SELECTED PRODUCTS

**CRS Reports**
- “COVID-19 and Other Elections Emergencies: Frequently Asked Questions and Recent Policy Developments” (R46455)
- “The 2020 Census: Frequently Asked Questions” (R46237)
- “Executive Branch Service and the ‘Revolving Door’ in Cabinet Departments: Background and Issues for Congress” (R45946)
- “Introduction to the Federal Budget Process” (R46240)
- “House Select Committee on the Modernization of Congress: Structure and Procedures” (R45724)
- “Congressional Access to Information in an Impeachment Investigation” (R45983)
- “The Electoral College: A 2020 Presidential Timeline” (IF11641)
- “Foreign Agents Registration Act (FARA): A Legal Overview” (IF11439)

**Insight**
- “The Prior Practice of Proxy Voting in House Committees” (IN11372)
- “Office of the Attending Physician, U.S. Congress: Background Information and Response to Public Health Emergencies” (IN11390)
- “COVID-19 Congressional Oversight Commission” (IN11304)
- “Impeachment Investigations: Law and Process” (LSB10347)
- “Congressional Subpoenas of Presidential Advisers: The Impact of Committee on the Judiciary v. McGahn” (LSB10373)
- “Election 2020 and the COVID-19 Pandemic: Legal Issues in Absentee and All-Mail Voting” (LSB10470)
- “Resolving Subpoena Disputes Between the Branches: Potential Impacts of Restricting the Judicial Role” (LSB10432)

**Legal Sidebar**
- “Things of Value” and the Foreign Contribution Ban” (LSB10358)

### TESTIMONY

The House Select Committee on the Modernization of Congress called on three CRS analysts to testify at committee hearings during FY2020.

Ida Brudnick, specialist on the Congress, testified at the hearing on “The House Calendar and Schedule: Evaluating Practices and Challenges.” Her testimony provided a contextual and historical overview of the challenges of designing a House schedule that would best meet the needs of the House membership, including a discussion of past congressional attempts to address the House schedule.

Eric Petersen, specialist in American national government, testified at the hearing on “Administrative Efficiencies: Exploring Options to Streamline Operations in the U.S. House of Representatives.” His testimony considered past examples of administrative efforts that could be seen to have improved the efficiency of House operations, potential future opportunities and some of the challenges involved in undertaking such efforts.

Christopher Davis, analyst on Congress and the legislative process, testified at the hearing on “Rules and Procedures in the U.S. House of Representatives: A Look at Reform Efforts and State Best Practices.” His testimony summarized selected past efforts to reform the House rules and suggested some possible lessons that might be drawn from these previous efforts.
MAJOR POLICY ISSUES

DEFENSE AND INTELLIGENCE

In fiscal 2020, CRS provided research and analysis to Congress related to critical national security issues including the challenges to the Department of Defense posed by the COVID-19 pandemic. CRS analysts considered the use of the National Guard in various contexts, implications of the commitment to withdraw U.S. troops from Afghanistan and assessed use of defense procurement authorities to support the response to the COVID-19 pandemic. Domestic and social issues within the U.S. military drew intense congressional interest, including the naming of military installations. Intelligence was congressionally debated, largely as a result of the ongoing challenge of foreign intervention in U.S. elections.

Emerging Technology and Advanced Weapons. Congressional attention on the national security implications of emerging technologies grew over the course of the year. Two key factors propelled this interest: disputes between the Department of Defense and other federal agencies on the allocation of portions of the electromagnetic spectrum to U.S. firms deploying Fifth Generation (5G) mobile technology, and Chinese and Russian advances in hypersonic weapon technologies. CRS provided Congress with a significant set of new products on these issues, including national security implications of the electromagnetic spectrum, national defense and 5G mobile technologies, and hypersonic missile defense. Along with work on the national security implications of these technological developments, CRS analysts provided Congress with in-depth analysis on issues related to the nexus of technology and military capabilities, such as countering unmanned aerial systems, the Navy’s new force architecture using greater numbers of unmanned vessels and the Army’s new emphasis on air defense systems. CRS responded to congressional interest in technological security challenges by publishing products on electronic warfare, information operations and the implications of COVID-19 for national security.

Emergency powers. The 116th Congress expressed interest in the intersection of emergency powers and defense authorities in response to a number of events, including the COVID-19 pandemic and incidents of civil unrest. CRS experts provided briefings, reports and legal memoranda on the use of armed forces and defense officials to respond to domestic emergencies and analyzed use of emergency authorities such as the International Emergency Economic Powers Act.

Nuclear Weapons, Arms Control and Nonproliferation, and Emerging Challenges. CRS provided Congress with analysis and information on Iranian and North Korean nuclear weapons development, as well as in-depth examination of the impending end of the New Strategic Arms Reduction Treaty (New START). Analysts generated new products on potential changes in U.S. policy regarding nuclear testing and the U.S. deployment of newly developed low-yield nuclear weapons. CRS published new products on U.S. arms sales policy and procedures and the impact of potential new arms sales to countries in the Persian Gulf. CRS experts continued to respond to congressional needs and requests regarding the future of arms control and nonproliferation efforts, including the
implications of U.S. withdrawal from the Open Skies Treaty, U.S. proposed changes to the Missile Technology Control Regime, the resurgence of the use of chemical weapons and the re-imposition of nuclear weapons sanctions on Iran. CRS also provided Congress with information and insights on both defense cyberspace operations and foreign cyber capabilities.

**Intelligence, the Intelligence Community and Congress.** CRS provided timely service to Congress in response to demand in this area throughout the fiscal year. While Congress rushed to respond to the COVID-19 pandemic, CRS provided, in real time, valuable knowledge regarding the formerly unexpected and largely uncontemplated role of the Intelligence Community in support of the government’s pandemic preparedness and response.

**Issues in the Deployment of the National Guard.** During the fiscal year, CRS responded to congressional interest in the implementation of the National Guard’s mission of providing defense support of civil authorities. This interest generated significant work for CRS in documenting, researching, analyzing and consulting on the Guard’s activities. Three distinct areas in which the Guard was active, and on which CRS offered products and information to congressional clients, were COVID-19 pandemic response, southern border security and barrier construction, and response to civil unrest across the nation. CRS also provided research and analysis on the statutory role and status of the National Guard, the limits of its capabilities and options for optimizing its contributions to federal responses to crises.

**Border Wall.** In the second year of construction of a barrier along the southern border of the United States, CRS documented and analyzed a range of associated actions and issues for Congress. CRS tracked executive branch repurposing of defense appropriations from other activities to the border barrier construction project. It also consulted with clients on the legal and policy underpinnings of the reprogramming and transfer of funds. CRS analysts created several products that captured the internal DOD procedures and amounts of funds re-purposed, court cases underway to determine the legality of the executive branch actions and the interactions of different agencies within the context of the barrier construction project. CRS experts also analyzed the application of other government resources (e.g., National Guard personnel and underlying legal authority) to this activity.
CRS created 111 new products in the area of defense and intelligence.

SELECTED PRODUCTS

**CRS Reports**

“COVID-19: Potential Implications for International Security Environment—Overview of Issues and Further Reading for Congress” (R46336)

“Emerging Military Technologies: Background and Issues for Congress” (R46458)

“DOD Transfer and Reprogramming Authorities: Background, Status, and Issues for Congress” (R46421)

“Military Courts-Martial Under the Military Justice Act of 2016” (R46503)

**Insight**

“COVID-19 and the Defense Industrial Base: DOD Response and Legislative Considerations” (IN11288)

“COVID-19: Defense Support of Civil Authorities” (IN11305)

**Legal Sidebar**

“Executive Order on the Food Supply Chain and the Defense Production Act: FAQs” (LSB10456)

“Expanding the Selective Service: Legal Issues Surrounding Women and the Draft” (LSB10491)

“Amazon’s Protest of DoD’s JEDI Cloud Computing Contract: A Legal Analysis” (LSB10410)

**TESTIMONY**

The House Committee on Armed Services, Subcommittee on Seapower and Projection Forces, called on Ron O’Rourke, specialist in naval affairs, to testify June 4, 2020, at the hearing, “Future Force Structure Requirements for the United States Navy.” His testimony provided background and analysis of the Navy 30-year shipbuilding plan, the integrated naval force structure assessment and naval future force structure requirements.

**NOTABLE EVENT**

On March 5, 2020, CRS experts on strategy, budget, personnel and weapons procurement provided an overview of the President’s FY2021 Defense budget request. It addressed specific aspects of the budget request, provided historical context, and offered related issues and options for Congress.

The webinar, “Transfers and Reprogramming: An Overview of DOD Authorities, Border Barrier Transfers, and Issues for Congress,” held on June 26, 2020, examined the Department of Defense’s transfer and reprogramming authority, which gives the agency flexibility in the use of appropriated funds. The seminar considered the scope of this authority, its use in practice and its potential legal constraints, with particular focus given to DOD’s use of the authority to construct barriers along the U.S.-Mexico border.
MAJOR POLICY ISSUES

EDUCATION

During the fiscal year, Congress contemplated legislation that would make major changes to the federal student aid programs that support students who are pursuing postsecondary education. Additionally, Congress provided support to institutions of higher education as they dealt with effects of COVID-19 on student enrollment, costs and revenues, and on the delivery of instruction. Similarly, Congress provided support to states and localities to offset new costs associated with adjusting educational approaches in response to challenges brought on by the pandemic. In each of these areas, CRS provided technical and analytical support and helped to define policy-relevant problems and clarify policy options.

Higher Education Act. While Congress contemplated major changes to the federal student aid programs for postsecondary students authorized through the Higher Education Act of 1965 (HEA), CRS provided technical and analytical support and helped to define policy-relevant problems and clarify policy options. Congress relied on CRS to support its consideration of a comprehensive reauthorization of the HEA. CRS experts provided in-depth analysis of a host of related proposals, which included modifications to student loan repayment benefits, alterations to the design of Pell Grants and changes to the federal student aid need analysis formula. The Service also provided substantial support for the development of legislative proposals for improving the consumer information available to prospective students and proposals for altering the metrics used to hold institutions of higher education accountable for the quality of the education programs they offer. In addition, CRS analysts provided consultations on student loan relief benefits that were included in COVID-19 relief measures and provided support in exploring the viability of offering such benefits for student loans that were made through HEA-authorized programs but are currently held by private loan holders.

Education Stabilization Funds. Congress acted to provide financial support to elementary and secondary schools and institutions of higher education through the CARES Act. This assistance was made available through three emergency relief funds that provided governors, state educational agencies and institutions of higher education with grants to address needs resulting from COVID-19 related issues. Congress relied on CRS analysts to simulate the effects of different design features under consideration for the allocation formulas used to distribute relief funds and to simulate the distribution of funds at different appropriation levels.

Student Loans. The COVID-19 emergency gave new impetus to Congress’s consideration of modifying the treatment of student loans under federal financial, education and bankruptcy laws. Student loan debt in the United States has increased dramatically over the years, and many borrowers have found themselves unable to repay their loans, a situation made more acute by the widespread economic impact of the pandemic. CRS provided written analysis of early actions taken in response to this issue to congressional and committee staff on this issue.
CRS created 30 new products in the area of education.

SELECTED PRODUCTS

**CRS Reports**

“Direct Federal Support of Individuals Pursuing Training and Education in Non-degree Programs” (R46306)

“The Elementary and Secondary Education Act (ESEA), as Amended by the Every Student Succeeds Act (ESSA): A Primer” (R45977)

“Federal Student Loan Debt Relief in the Context of COVID-19” (R46314)

“CARES Act Education Stabilization Fund: Background and Analysis” (R46378)

“COVID-19: Child Care and Development Block Grant (CCDBG) Supplemental Appropriations in the CARES Act” (R46324)

“H.R. 4674, the College Affordability Act: Proposed Reauthorization of the Higher Education Act, Summary of Major Provisions” (R46176)

**In Focus**

“CARES Act Elementary and Secondary Education Provisions” (IF11509)

“CARES Act Higher Education Provisions” (IF11497)

“Foreign STEM Students in the United States” (IF11347)

**Legal Sidebar**

“New Title IX Sexual Harassment Regulations Overhaul Responsibilities for Schools” (LSB10479)

“Free Speech on College Campuses: Considerations for Congress” (LSB10438)

“Title IX’s Application to Transgender Athletes: Recent Developments” (LSB10531)
MAJOR POLICY ISSUES

ENERGY AND NATURAL RESOURCES

The COVID-19 pandemic dramatically affected how U.S. citizens interact with natural resources, as well as how the United States produces and uses energy. CRS analyzed the relationship among COVID-19, other zoonotic diseases and wildlife trade. CRS also analyzed the effects of the pandemic on U.S. energy production, the electric power sector and consumer disconnections, the pipeline sector and federal land revenues from a range of activities, including recreation, grazing, forestry and energy leasing. The Service organized seminars on a range of topics, including policies to promote energy technology development, the effects of price volatility on U.S. energy production and the disruptive effects of advanced energy storage technologies. Other areas of congressional interest included the annual wildfire and hurricane seasons; new technologies to reduce, capture and/or store greenhouse gas emissions; and endangered species protections.

Comprehensive Energy Policy and COVID-19 Impacts on Energy. The House and Senate each considered comprehensive energy legislation addressing a range of topics including energy efficiency; electric grid modernization; renewable and nuclear energy technology research and deployment; carbon capture, utilization and storage; smart manufacturing; loan guarantee programs; and energy workforce development. The House passed the Clean Economy Jobs and Innovation Act, while the Senate considered the American Energy Innovation Act on the floor. CRS experts analyzed provisions in precursor bills integrated into the larger bill text, prepared Member offices for floor consideration, and analyzed and compared provisions between the two bills. CRS also analyzed the shifting energy supply and demand conditions as the impacts of the COVID-19 response dramatically affected how American households and businesses use and supply energy.

COVID-19, Zoonotic Diseases and Wildlife Trade. CRS provided Congress authoritative research and analysis on the origin and spread of zoonotic diseases, including SARS-CoV-2, and assisted Members in developing legislation to address the current pandemic and potential emergence of future zoonotic diseases. CRS analysts and attorneys also discussed and analyzed a variety of legislative proposals that address and aim to prevent the emergence of future zoonotic diseases by regulating or eliminating wildlife markets, establishing a federal pandemic task force, regulating legal wildlife trade and reducing wildlife trafficking.

Federal Trust Species and Biodiversity. CRS analysts and attorneys provided expert support and written analysis to Congress on legislative and administrative actions related to the Endangered Species Act (ESA), Migratory Bird Treaty Act (MBTA), Marine Mammal
Protection Act and other statutory authorities that address international conservation and biodiversity. CRS provided extensive analytical support on issues related to recently promulgated regulations implementing the ESA, inter- and intra-agency consultations, and listed species, such as the gray wolf and Delta smelt. The Service assisted Congress with drafting and analyzing several bills that would amend the ESA. CRS experts provided analytical support on issues related to the MBTA, including depredation by and the take of migratory birds, as well as regulatory guidance and litigation related to implementation of the Act. CRS also supported Congress while it addressed several issues related to global biodiversity, including federal funding for international conservation activities, federal efforts to reduce wildlife trafficking and legislative options for reducing global deforestation.

Management of Federal Lands. Analysts, information professionals and attorneys provided research and analysis to Congress in addressing a wide array of other topics related to the management of federal lands. These topics included the effect of COVID-19 on federal land revenues; federal land ownership and easements; payment programs to states and counties containing federal lands; access to and use of federal lands for energy development; livestock grazing; timber production; hunting, fishing and other wildlife-dependent recreation; forest management; species and habitat conservation; prevention and control of invasive species; federal programs to preserve historical and cultural resources; designation of wilderness, trails and wild and scenic rivers; presidential authority to proclaim and amend national monuments under the Antiquities Act of 1906; and management of tribal lands and natural resources. Congress also continued deliberations on how to address the deferred maintenance of infrastructure for the federal land management agencies, and if and how to amend the Land and Water Conservation Fund Act, an act that established a fund for land acquisition by federal agencies, state grants for outdoor recreation and other purposes. Among other provisions of law, Congress
enacted the Great American Outdoors Act (GAOA) to provide mandatory spending for programs funded from the Land and Water Conservation Fund and for deferred maintenance needs of land management agencies and the Bureau of Indian Education. CRS policy and budget analysts, information professionals, GIS staff and attorneys collaborated extensively to provide research, maps, briefings and written products to committees and personal offices in support of deliberations on the GAOA. These work products related to deferred maintenance, federal land acquisition, outdoor recreation and other grant programs, and energy revenues—among other topics.

**Oil and Natural Gas Supply and Markets.** The COVID-19 pandemic and response, along with actions by major oil-producing nations, led to a dramatic drop in world oil prices and demand; natural gas prices and demand saw similar, although less dramatic, decreases. Oil and gas futures prices decreased, with oil futures temporarily dipping into negative territory in April 2020, as did U.S. production, while the amount of oil and gas in storage increased. Congress raised questions about the effects on U.S. producers and consumers, as well as the effects on the environment and on U.S. revenues from energy production on federal lands. In response to rapid developments, CRS experts wrote and updated new analytic products, presented briefings and seminars on the market and financial aspects of these shifts, prepared CRS videos and consulted with clients on potential legislative actions.

**Wildfires.** The 2020 wildfire season included many large conflagrations, which threatened and damaged communities and resources in several Western states. The ongoing COVID-19 pandemic created additional challenges, including logistical concerns related to wildfire response activities and evacuations and health concerns related to smoke impacts, among others. During the 2020 wildfire season, CRS experts provided Congress with authoritative information and analysis on a range of issues related to wildfire impacts, response, recovery, prevention and mitigation. Specifically related to natural resources, CRS provided briefings, consultations and written products regarding wildfire management, policy and funding. In particular, CRS engaged in several consultations related to the wildfire funding fix, a budgetary mechanism that first became available in fiscal 2020. The Service also responded to congressional interest in wildfire response mobilization activities, such as how federal and state governments collaborate, the differing roles of various federal agencies, the federal firefighting workforce and how additional resources (for example, equipment and personnel) are requested, such as through mobilizing U.S. military assets or requesting international assistance. CRS experts also provided information on a range of other wildfire-related issues, including wildfire science and technology, climate change and post-wildfire recovery.
CRS created 126 new products in the area of energy and natural resources.

SELECTED PRODUCTS

**CRS Reports**
- “Effect of COVID-19 on Federal Land Revenues” (R46448)
- “Electric Vehicles: A Primer on Technology and Selected Policy Issues” (R46231)
- “Flood Risk Reduction from Natural and Nature-Based Features: Army Corps of Engineers Authorities” (R46328)
- “Oil Market Effects from U.S. Economic Sanctions: Iran, Russia, Venezuela” (R46213)
- “Revenues and Disbursements from Oil and Natural Gas Production on Federal Lands” (R46537)
- “Tribal Energy Resource Agreements (TERAs): Approval Process and Selected Issues for Congress” (R46446)

**In Focus**
- “COVID-19: Response of the Oil and Gas Pipelines Sector” (IF11476)
- “Department of Energy Appliance and Equipment Standards Program” (IF11354)

**Insight**
- “The Great American Outdoors Act, P.L. 116-152” (IF11636)
- “Wildlife Trade, COVID-19, and Other Zoonotic Diseases” (IF11494)
- “Attacks on Saudi Oil Facilities: Effects and Responses” (IN11173)

**Legal Sidebar**
- “For Whom the FERC Tolls: Federal Court Rejects Agency ‘Tolling Orders”’ (LSB10535)
- “This Land Is Your Land? Eminent Domain Under the Natural Gas Act and State Sovereign Immunity” (LSB10359)
- “California Wildfires and Bulk Electric System Reliability” (IN11189)
- “COVID-19: Potential Impacts on the Electric Power Sector” (IN11300)
- “Low Oil Prices and U.S. Oil Producers: Policy Considerations” (IN11246)

**NOTABLE EVENT**

The program, “Potential Disruption from Advanced Battery Storage on Electricity and Other Economic Sectors,” held in February 2020, provided an overview of advanced storage technologies, including applications in the energy and transportation sectors and a discussion of related policy considerations.

**TESTIMONY**

The Senate Committee on Energy and Natural Resources called on Phillip Brown, specialist in energy policy, to testify Oct. 17, 2019, at the hearing, “The Strategic Petroleum Reserve.” His testimony provided background on the Strategic Petroleum Reserve (SPR) and congressionally mandated sales from the Reserve to fund SPR modernization, as well as sales to fund other non-SPR policy goals.

The Senate Committee on Energy and Natural Resources called on Laura B. Comay, specialist in natural resources policy, to testify Nov. 7, 2019, at the hearing, “Issues and Legislation Related to Energy Development on Federal Land.” Her testimony discussed revenue-sharing provisions in two bills: S. 2418, the Conservation of America’s Shoreline Terrain and Aquatic Life Act, and S. 2666, the Public Land Renewable Energy Development Act of 2019.
MAJOR POLICY ISSUES

ENVIRONMENTAL POLICY

CRS provided support to Congress during fiscal 2020 on a wide variety of environmental policy issues, ranging from pollution control regulations, international dialogue on climate change mitigation, and adaptation and resilience to ongoing and projected effects of climate change, as well as associated economic, national defense and health issues. “Infrastructure” investments included a variety of measures intended to help finance wastewater and drinking water projects. Congress also continued debate about what water bodies warrant federal protections and focused significant attention on certain contaminants, including per- and polyfluoroalkyl substances (PFAS). CRS assisted Congress on a range of environmental policies affecting international and national security issues, including climate change and the Department of Energy’s disposal of surplus plutonium from nuclear warheads.

Climate Change and Agriculture. CRS provided extensive support to Congress on climate change, and policies to address climate change with a focus on agriculture, through written research and analysis and by consulting across multiple platforms. Its analysts assisted Members in their consideration of a variety of legislative proposals and provided support to Members as they assessed the role of federal policy on the observed and projected impacts of climate change, including air quality impacts of wildfires, drought and the increased frequency and severity of extreme weather events, as well as on the role of agricultural activities. These analyses included assessments of the economic valuations of these impacts and potential costs of adaptation/resilience plans in various sectors, including military bases, agriculture and transportation infrastructure. The Service also documented how federal agencies are responding to a changing climate. CRS further engaged on multiple occasions on the status of funding for relevant programs and consulting on possible legislative options for addressing climate change.

Climate Change and Greenhouse Gas Emissions Control. In fiscal 2020, the U.S. Environmental Protection Agency (EPA) finalized changes to replace or rescind earlier regulations intended to limit emissions of greenhouse gas (GHG) standards from automobiles, power plants, and oil and gas facilities. CRS experts assisted Members in evaluating the potential effects of these rule changes. In addition, the Service assessed changes in energy and transportation technologies and markets—including the COVID-19 pandemic economic downturn—that influence GHG emissions.

Coal and Uranium Mining and Surface Mining Lands Reclamation. Reclamation of mining sites and mitigating surface mining impacts associated with historical mining of coal were areas of congressional interest during fiscal 2020. The coal reclamation fee collection authorization for the Abandoned Mine Reclamation Fund expires at the end of fiscal 2021. Members sought analysis and options from CRS experts to better understand the potential impacts of
this impending lapse in fee collection and to review legislative options to address the issue. CRS also assisted Congress with proposed legislation to establish a Uranium Reserve that would purchase uranium from domestic uranium producers to develop a stockpile of uranium for nuclear power operators in the event of a civilian nuclear fuel market disruption.

**Environmental Justice.** The consideration of environmental justice across federal programs and activities was of interest to Congress in fiscal 2020. CRS informed Congress of the research on environmental justice issues, including differences in research methodology and approaches and existing executive branch programs and data tools. CRS experts also provided analysis with respect to how natural disasters such as hurricanes, floods and wildfires have disproportionately affected certain communities. Some of the economic recovery packages related to the pandemic included provisions to incorporate environmentally sustainable mitigation of disproportionate environmental impacts, for which CRS responded to inquiries with research and analysis, including examples from state efforts and other countries.

**Federal Environmental Review of Infrastructure Projects.** CRS provided detailed authoritative analyses on issues relevant to the environmental review process for certain infrastructure projects, including highways and pipelines. These analyses helped inform congressional debate over legislative proposals intended to expedite infrastructure project delivery by changing federal agency procedures for environmental review of those projects. CRS analyzed the various requirements that shape federal environmental reviews, which included identifying relevant provisions in the authorizing legislation for specific federal funding or regulatory programs, as well as those requirements that apply broadly.

**Revision of Environmental Regulations.** The Service provided Members and congressional staff with context for and analysis of the potential implications of the Administration’s decisions to revise, rescind or replace a number of environmental regulations. CRS experts prepared materials that answered questions related to phasing out and replacing hydrofluorocarbons, a type of greenhouse gas used in air conditioning, refrigeration and other products; judicial review of the EPA’s Affordable Clean Energy Rule, which regulates greenhouse gas emissions from power plants; rescinding the EPA Bureau of Land Management’s rule to reduce methane emissions from oil and natural gas operations on federal land; and interpreting rules issued by the U.S. Army Corps of Engineers and the EPA, which define the scope of waters protected under the Clean Water Act. CRS experts also addressed questions related to the small refinery exemptions from the renewable fuel standard under the Clean Air Act and analyzed COVID-19-related policy and legal implications for the Endangered Species Act.

**Water Quality Policy.** CRS experts provided consultation and in-depth analysis on perennial and new water quality policy topics. CRS experts assisted staff in evaluating legislative options for addressing water infrastructure funding associated with the Water Infrastructure Finance and Innovation Act and the Safe Drinking Water Act. CRS provided technical, legal and policy expertise on proposed legislation regarding emerging contaminants, such as per- and polyfluoroalkyl substances (PFAS), which are of particular concern at military bases. Continued congressional interest in the scope of waters regulated under the Clean Water Act and geographic area-specific programs, such the Great Lakes and the National Estuary Program, resulted in CRS consultation on legislative proposals, site-specific questions, and ongoing administrative rulemakings and court actions.
CRS created 60 new products in the area of environmental policy.

SELECTED PRODUCTS

**CRS Reports**
- “The Abandoned Mine Reclamation Fund: Reauthorization Issues in the 116th Congress” (R46266)
- “Contaminants of Emerging Concern under the Clean Water Act” (R45998)
- “Environmental Effects of Battery Electric and Internal Combustion Engine Vehicles” (R46420)
- “EPA’s Affordable Clean Energy Rule and Related Issues: Frequently Asked Questions” (R46482)

**In Focus**
- “Carbon Storage Requirements in the 45Q Tax Credit” (IF11639)
- “Greenhouse Gas Emissions and Sinks in U.S. Agriculture” (IF11404)
- “Judicial Review of Mercury and Air Toxics Regulations” (IF11622)
- “The Legal Framework of the National Environmental Policy Act” (IF11549)

**Legal Sidebar**
- “Waters of the United States (WOTUS): Repealing and Revising the 2015 Clean Water Rule” (IF11339)
- “Uncharted Waters: Navigating the Supreme Court’s New Clean Water Act Permitting Test” (LSB10528)
- “When One Door Closes, Another One Opens: Supreme Court Ruling Restricts Challenges to CERCLA Cleanup But Could Expand State-Law Claims” (LSB10513)

**Insight**
- “COVID-19 and Regulation of Public Drinking Water” (IN11283)
- “COVID-19: U.S. Environmental Protection Agency Enforcement Discretion Policy” (IN11396)

**NOTABLE EVENT**

In December 2019, members of CRS’s Resources, Science and Industry division hosted the seminar, “PFAS (Per- and Polyfluoroalkyl Substances): Federal Actions and Legislation,” which provided an update of federal actions to respond to potential risks of PFAS under current law and an overview of legislation in the 116th Congress that would direct the timing or scope of certain actions or expand the federal role.
MAJOR POLICY ISSUES

FEDERAL GOVERNMENT OPERATIONS AND RULEMAKING

The Service supported Congress in its oversight of the executive branch, including its review of the promulgation of agency rules, federal workforce management and federal grants administration. The Service also assisted Congress in its oversight of the federal government’s response to the COVID-19 pandemic and other emergency declarations. In particular, analysts, attorneys and librarians offered support in congressional managerial efforts focused on changes to federal agency operations (e.g., enhanced telework arrangements, pandemic-related hiring authorities and expanded leave programs). The Service also provided support as Congress established key mechanisms to ensure that new federal programs and spending aimed at supporting the American economy and public health initiatives were faithfully executed and overseen.

Executive Branch Operations. Attorneys and analysts responded to congressional questions about vacancies in the executive branch, and analyzed agency and judicial decisions through the application of the Federal Vacancies Reform Act. CRS experts also offered analysis on a number of significant Supreme Court rulings affecting executive branch operations, including cases considering the constitutionality of independent agencies and opinions interpreting Congress’s constitutional oversight powers. CRS experts also responded to congressional interest in ethical standards governing the executive branch by providing in-depth research and analysis to congressional staff on issues such as the applicability of the Hatch Act to high-ranking executive branch officials and the Act’s enforcement provisions, as well as on potential Hatch Act reforms.

Disaster Recovery. In fiscal 2020, Congress considered how traditional disaster response and recovery frameworks may need to be adapted to address the unique impacts of the COVID-19 pandemic. Hurricanes, wildfires, dam failures and derechos befell communities across the nation, and CRS experts provided Members with analysis on the ways assistance could be provided with regard to the ongoing public health crisis. 2020 also marked the three-year anniversary of Hurricanes Irma and Maria in Puerto Rico. CRS helped Members understand the progress and pace of recovery to assist them in providing appropriate oversight. Supplemental appropriations for disaster response and recovery continued to be a focus for Congress, and CRS experts helped Members target funding to key priorities, including border barriers and COVID-19 relief.

Emergency Preparedness and Management. Prior to the declaration of a national emergency for the COVID-19 pandemic on March 13, CRS experts helped Congress understand the federal mechanisms available to support the management of a nationwide emergency. The Service provided proactive information
on key rules, regulations, laws and appropriations that could support the nationwide response to both the public health and economic crises. The Service provided regular briefings, consultations and analysis of emergency authorities, the Defense Production Act, existing assistance for state and local governments, small businesses, individuals and families, as well as new relief programs. Along with analysis of major legislative packages, the Service also provided ongoing tallies of COVID-19 response and recovery spending to help Members track federal investments.

**Federal Grants Administration and Policy.** Early during the COVID-19 pandemic, CRS developed products that provided a starting point for constituents and congressional clients looking for information on relief and assistance resources in focused topical areas. These areas included information for small businesses, large businesses, individuals, and state and local governments. Later during the COVID-19 pandemic, CRS librarians developed products that aggregated authoritative resources for tracking spending in states and localities, as well as resources that tracked spending and dollars remaining to be spent. CRS librarians also assisted congressional clients in effectively responding to constituents in need of federal grants and other assistance, such as small business loans and adapted a presentation on grants work into a webinar, a popular presentation with congressional clients working in district and state offices.

**Federal Workforce Management.** CRS experts provided support to Congress on topics related to the administration and management of executive branch personnel. Advisory assistance also focused on authorities and appointments under the competitive service and the excepted service, including hiring flexibilities available under current law, human capital management principles and practices, policies on federal compensation and appropriations issues related to the personnel management agencies. In addition, the Service provided consultative and published work on the impacts of the COVID-19 pandemic on the federal workforce, including information on enhanced telework programs, hiring flexibilities for emergency situations and selected pay flexibilities.

**Government Information Policy.** Congress consulted with CRS on numerous occasions regarding access to and protection of government information. CRS published work on government information policy and practices, including work on accessing, collecting, maintaining and disposing of federal records, with a particular focus on electronic records management practices and maintenance of digital records. In addition to consultative work focused on Freedom of Information Act (FOIA) processing and policies, CRS analysts and librarians highlighted key FOIA processing changes in response to the COVID-19 pandemic. The Service also published and provided congressional support related to government transparency efforts, including the creation and operations of the federal government’s more than 1,000 federal advisory committees, which provide an opportunity for the public to participate in the policy making process. Congress consulted with CRS analysts on numerous occasions regarding congressional access to classified executive branch information and various policies and procedures regarding classification, protection and access to presidential records.

**Government Oversight.** CRS provided policy analysis and consultation on key tools available to Congress for its oversight activities. In particular, CRS completed an update of its stalwart Congressional Oversight Manual, a product that provides a broad overview of the procedural, legal and practical issues related to oversight, including information on the mechanics of oversight practices in both chambers. In addition, CRS provided analysis of key oversight provisions in the COVID-19 response legislation, including the Coronavirus Preparedness and Response Supplemental Appropriations Act, the Families First Coronavirus Response Act, the Coronavirus Aid, Relief, and Economic Security (CARES) Act, and the Paycheck Protection Program and Health Care Enhancement Act. By highlighting and tracking critical oversight provisions, and providing related consultation,
CRS analysts supported Congress’s efforts to oversee a diverse set of new programs and policies rapidly assembled to confront the COVID-19 pandemic.

**Inspectors General.** CRS assisted congressional staff with a variety of policy issues related to Offices of Inspectors General (OIGs), including appointment and removal procedures, the status of inspector general (IG) vacancies and their impact on oversight capabilities, and the enhancement of IG independence through various powers and authorities. In particular, CRS provided consultation and published written products addressing the key oversight role IGs—including the newly created Special Inspector General for Pandemic Recovery—were assigned as part of the federal relief packages enacted in response to the COVID-19 pandemic. Additionally, CRS provided assistance to Members and congressional committees on matters relating to the Postal Service’s critical role in ensuring 2020 election-related mail would be delivered.

**Postal Service.** Congress regularly sought assistance from CRS on a broad range of postal issues. CRS experts provided Members, their staff and committee staff briefings that addressed disparate postal issues, including post office closures and postal finances, particularly related to the requirement for USPS to prefund employee pensions. CRS also provided information on the appointments to the Postal Board of Governors, including new initiatives undertaken by the newly appointed Postmaster General. The Service provided contextual information regarding USPS financials and provisions in the CARES Act, which expanded USPS’s authority to borrow funds from the Treasury, in part due to anticipated losses due to the COVID-19 pandemic. Additionally, CRS provided assistance to Members and congressional committees on matters relating to the Postal Service’s critical role in ensuring 2020 election-related mail would be delivered.

**Real Property.** Congress relied on CRS experts when addressing a range of real property issues. One area of continued interest was the implementation of real property reform legislation, the Federal Assets Sale and Transfer Act of 2016, which made significant changes to real property disposal across the government. Congress sought assistance on such procedures for real property management, including how the General Services Administration manages repairs and alterations for the vast portfolio of federal property. CRS provided briefings and published a report addressing real property management practices, including the uses and limitations of data published in the Federal Real Property Profile and potential implications for congressional oversight.

**Regulations and Rulemaking.** The Service provided significant support to Congress on the topics of federal agency rulemaking and regulatory reform,
CRS created 112 new products in the area of federal government operations and rulemaking.

SELECTED PRODUCTS

**CRS Reports**

- “Congressional Oversight Manual” (RL30240)
- “The Defense Production Act of 1950: History, Authorities, and Considerations for Congress” (R43767)
- “The Community Development Block Grant’s Disaster Recovery (CDBG-DR) Component: Background and Issues” (R46475)
- “Tallying Federal Funding for COVID-19: In Brief” (R46449)
- “Petitions for Rulemaking: An Overview” (R46190)
- “2020 Hurricane Season FAQ: Federal Disaster Assistance for Hurricanes During the COVID-19 Pandemic” (R46385)
- “FEMA Individual Assistance Programs: An Overview” (R46014)
- “Emergency Authorities Under the National Emergencies Act, Stafford Act, and Public Health Service Act” (R46379)
- “The Freedom of Information Act (FOIA)” (IG10019)
- “The Freedom of Information Act (FOIA): A Legal Overview” (R46238)
- “Congressional Oversight Manual” (RL30240)
- “The Hatch Act: A Primer” (IF11512)
- “The Defense Production Act (DPA) and COVID-19: Key Authorities and Policy Considerations” (IN11231)
- “Business Interruption Insurance and COVID-19: Federal Legislative Initiatives” (IN11383)
- “Congressional Oversight Manual” (RL30240)
- “The Hatch Act: A Primer” (IF11512)
- “The Defense Production Act (DPA) and COVID-19: Key Authorities and Policy Considerations” (IN11231)
- “Business Interruption Insurance and COVID-19: Federal Legislative Initiatives” (IN11383)

**Insight**

- “Presidential Declarations of Emergency for COVID-19: NEA and Stafford Act” (IN11264)
- “The Defense Production Act (DPA) and COVID-19: Key Authorities and Policy Considerations” (IN11231)
- “Business Interruption Insurance and COVID-19: Federal Legislative Initiatives” (IN11383)
- “President Trump’s Executive Actions on Student Loans, Wage Assistance, Payroll Taxes, and Evictions: Initial Takeaways” (LSB10532)
- “BIA’s New Take on Taking Land into Trust for Indians” (LSB10460)
- “COVID-19 and Federal Procurement Contracts” (LSB10428)

**In Focus**

- “Removal of Inspectors General: Rules, Practice, and Considerations for Congress” (IF11546)
- “Federal Executive Agencies: Hiring Flexibilities for Emergency Situations” (IF11468)

**Legal Sidebar**

- “Administrative Law Reform Legislation in the 116th Congress” (LSB10523)
- “Presidential Removal of IGs Under the Inspector General Act” (LSB10476)

CRS primarily by advising staff on the executive orders and statutes that govern the federal rulemaking process. In particular, CRS provided consultations and published work clarifying the types of executive actions that qualify as a rule and explaining particular procedures accompanying “major” or “significant” rules. CRS also provided consultation and published work related to aspects of the Congressional Review Act (CRA), such as the advantages and disadvantages of using the CRA, a historical view of its usage across prior congressional sessions and explanations of the effects of a joint resolution of disapproval. CRS provided consultation on rulemaking practices related to presidential transitions and new presidential administrations, including information about repealing, halting and suspending rules. Additionally, CRS experts analyzed various regulatory reform proposals as requested by various Members and committees and advised on the legal standards and other matters related to judicial review of agency action.
MAJOR POLICY ISSUES

FEDERAL JUDICIARY AND CONSTITUTIONAL LAW

Congress has a perennial interest in judicial decisions that affect the constitutionality of state and federal legislative enactments. In fiscal 2020, attorneys and analysts prepared written products on numerous topics concerning constitutional law and the federal judiciary, including but not limited to federalism-based limitations on congressional power, campaign finance, presidential pardon authority and abortion.

District of Columbia. For the first time in 27 years, Congress considered legislation that would grant statehood and voting representation for the District of Columbia. CRS experts provided analysis of the legislation, as well as previous proposals. The Service also provided regular updates about appropriations for the District of Columbia, including analysis of how COVID-19 relief provisions apply to the District. Historically, the House of Representatives passed a bill granting the District of Columbia full statehood.

Judiciary. CRS experts supported Congress with analyses of issues related to filling vacancies for lower federal court judgeships, providing information about the judicial appointment and confirmation process and utilizing CRS’s internal judicial nominations database to keep Congress informed of the status of current and past nominations. The Service provided research and analysis relevant to the Supreme Court vacancy created in September 2020 by the death of Justice Ruth Bader Ginsburg and subsequently filled by the confirmation of then-Judge Amy Coney Barrett. CRS prepared products exploring both the Justice’s legacy and the significance of the Supreme Court vacancy, as well as preliminary analysis of then-Judge Amy Coney Barrett’s jurisprudence following her nomination to the Court. CRS experts also provided research and analysis on issues related to judicial administration, such as various courts’ caseloads and budgetary issues for the judiciary. This research included work on the federal judiciary’s operational and administrative responses to the COVID-19 pandemic.

Executive Power. Congress sought assistance on a number of issues related to the constitutional authority of the executive branch, including the President’s pardon power, Congress’s ability to limit the President’s appointment and removal authorities, and limitations stemming from the Emoluments Clause. In light of the federal response to nationwide protests in the spring and summer of 2020, attorneys also explored federal law enforcement authorities.

Freedom of Speech and Religion. CRS advised Congress on a variety of issues implicating constitutional protections for speech and religion. Congressional interest in regulating social media and misinformation prompted in-depth analysis of a number of novel free speech issues, and CRS kept Congress informed of the rapidly developing case law in this area. When the COVID-19 pandemic prompted states and cities to restrict public gatherings, CRS experts explored the implications for the constitutionally protected rights of speech, association and religion. The Service also
CRS created 151 new products in the area of federal judiciary and constitutional law.

SELECTED PRODUCTS

CRS Reports
“Impeachment and the Constitution” (R46013)
“The Emoluments Clauses and the Presidency: Background and Recent Developments” (R45992)
“Evaluating Federal Financial Assistance Under the Constitution’s Religion Clauses” (R46517)

In Focus
“President Pardons: Overview and Selected Legal Issues” (R46179)

Legal Sidebar
“District of Columbia Statehood and Voting Representation” (IF11443)
“Federal Legislation Shielding Businesses and Individuals from Tort Liability: A Legal and Historical Overview” (LSB10461)

“The Religious Freedom Restoration Act: A Primer” (IF11490)
“Can Mass Shooting Victims Sue the United States?” (LSB10355)

“The Death of Justice Ruth Bader Ginsburg: Initial Considerations for Congress” (LSB10537)

“Judicial Review of Actions Legally Committed to an Agency’s Discretion” (LSB10536)

NOTABLE EVENTS

As part of the Federal Law Update seminar series, CRS held two webinars on Sept. 22, 2020 regarding developments at the Supreme Court that inform the work of Congress.

The first webinar, “Supreme Court’s October 2019 Term: A Review of the Court’s Major Rulings,” explored several Supreme Court cases in the prior term with implications for Congress, including rulings on federal employment protections for gay or transgender workers, abortion access, the First Amendment’s application to funding programs, and congressional and state efforts to obtain the President’s personal financial records.

The second webinar, “Supreme Court Preview,” discussed several cases scheduled for the October 2020 term with potentially important implications for Congress, including legal disputes centering on copyright protections, religious freedom and the separation of powers.

assisted Congress on a variety of other issues involving religious rights, including the provision of federal funds to religious organizations, the intersection of religious freedoms and nondiscrimination laws, and religious and moral exemptions from healthcare laws.

Abortion. Congressional interest in the Hyde Amendment and the use of federal funds for abortion continued during fiscal year 2020. The enactment of new state laws to restrict the availability of abortion resulted in frequent consultation with congressional staff and new written analysis. A seminar on the new state laws and the federal contraceptive coverage requirement was presented during the Federal Law Update. The Supreme Court’s consideration of June Medical Services v. Russo, a case involving a Louisiana physician admitting privileges law, also prompted new CRS products.
MAJOR POLICY ISSUES

FOREIGN AFFAIRS

CRS supported Congress across a broad range of foreign affairs issues spanning geographic regions and complex conflicts, humanitarian and political challenges, and involving an array of foreign policy instruments and institutions. Highlights of research include analyses related to actions taken by China, Iran and Russia; problems of global scope, including global health, displaced persons and human rights; and political developments, such as Britain’s withdrawal from the European Union. Another important focus was the relationship of the United States and international institutions, such as the World Health Organization and the United Nations.

COVID-19 and Asia. The COVID-19 pandemic dominated CRS’s work for Congress in Asia. CRS provided extensive support to congressional inquiries into China’s role in the emergence and spread of COVID-19, preparing in-depth research and analysis on the actions of China’s health and political authorities, which included a detailed chronology of the early days of the pandemic. CRS experts assisted congressional clients in understanding China’s relationships to key multilateral organizations, including the World Health Organization (WHO). The Service also provided extensive analysis on the U.S. withdrawal from the WHO and the roles and prerogatives of Congress vis-à-vis the executive branch in determining U.S. participation in multilateral organizations. CRS analysts supported Congress on many other issues related to COVID-19 in the international affairs context, including the impact of the virus on international development and humanitarian activities, operational changes made by the State Department and other foreign affairs agencies in response to COVID-19, and opportunities and challenges that COVID-19 presented for U.S. multilateral engagement. Analysts also supported congressional efforts to understand, support and learn from the region’s response. While the disease initially spread from China to neighboring jurisdictions such as South Korea, Japan, Taiwan, Hong Kong and Singapore, CRS experts provided context for and analysis of how China’s role in the emergence of the disease affected geopolitical developments in the region.

International Implications of COVID-19. COVID-19 dominated the international arena, including much of the congressional agenda in foreign affairs. CRS foreign affairs analysts supported extensive congressional efforts to understand and respond to the complex international implications of the COVID-19 pandemic. A key aspect of this effort was analysis of myriad global health concerns, including efforts to identify the virus and how it is transmitted, global implementation of public health measures to prevent spread, international cooperation on vaccine and test development, and the challenges of supplying adequate medical and protective equipment in areas of greatest need. CRS global health analysts, together with colleagues covering a range of
related issues, provided briefings, seminars, hearing memoranda and cross-cutting reports to assist Congress in policy development and oversight on these issues.

**Other Major Issues in Asia.** Beyond the COVID-19 crisis throughout Asia, CRS informed congressional efforts to protect Hong Kong’s autonomy and democratic freedoms, providing expert analysis through briefings, written products and hearing testimony on China’s actions curtailing Hong Kong’s autonomy and crackdowns on the democratic opposition. CRS analysts also provided expertise and insight into the renewed conflict between China and India at their disputed border, the implications of Japanese Prime Minister Abe’s resignation, chaotic failed elections in Kyrgyzstan, and India’s revocation of Jammu and Kashmir’s special administrative status and the associated concerns about the human rights of the region’s residents.

**Middle East/North Africa.** CRS analysts assisted Congress in monitoring and responding to several crises and developments in the Middle East region, including changes to U.S. policy and operations in Syria, upheaval and political change in Iraq, the killing by U.S. forces of Iranian Islamic Revolutionary Guards Corps leader Qasem Soleimani, and ongoing conflicts in Libya and Yemen. CRS briefings and memoranda supported Congress in conducting oversight of U.S. foreign assistance and arms sales to the region amid U.S. efforts to promote stability and secure
normalization agreements between some Arab states and Israel. CRS experts produced a unique, in-depth assessment of the status of women across the Middle East and North Africa in parallel with renewed congressional interest. During a period of considerable change in U.S. policy in Afghanistan, CRS provided extensive support to Congress. The onset of the COVID-19 pandemic exacerbated underlying social and economic pressures in the region, and CRS foreign affairs experts worked closely with CRS global health experts to provide Congress with timely information and analysis.

**Ukraine.** U.S. policy on Ukraine was a subject of elevated congressional interest in the context of presidential impeachment proceedings during the 116th Congress. CRS analysts provided extensive support with written products and in-person briefings for congressional committees and Member offices interested in understanding developments in Ukraine and U.S.-Ukraine relations. Congressional offices relied on the Service to provide background information and analysis with regard to the complex issues related to Ukraine, such as the Ukraine-Russia conflict, U.S. and European policy toward Ukraine, U.S. security assistance to Ukraine, and U.S. sanctions on Russia and Ukraine.
CRS created 156 new products in the area of foreign affairs.

SELECTED PRODUCTS

**CRS Reports**
- “Global Democracy and Human Rights Impacts of COVID-19: In Brief” (R46430)
- “Indo-Pacific Strategies of U.S. Allies and Partners: Issues for Congress” (R46217)
- “Intellectual Property Violations and China: Legal Remedies” (R46532)

**In Focus**
- “Russian Armed Forces: Military Doctrine and Strategy” (IF11625)
- “Reforms in Uzbekistan” (IF11408)
- “The Foreign Claims Settlement Commission of the United States” (IF11376)

**Insight**
- “Turkish Incursion into Syria: U.S. Policy Implications” (IN11179)
- “U.S. Indictment of Top Venezuelan Officials”. (IN11306)
- “U.S. Funding to the World Health Organization (WHO)” (IN11369)

**Legal Sidebar**
- “Withdrawal from the World Health Organization: Legal Basis and Implications” (LSB10489)
- “Can the International Criminal Court Investigate U.S. Personnel?” (LSB10505)
- “UPDATED: Recent U.S. Airstrikes: Legal Authorities and Questions” (LSB10391)

**TESTIMONY**

The House Committee on Oversight and Reform, Subcommittee on National Security, called on Alexis Arieff, specialist in African affairs, to testify Dec. 19, 2019, at the hearing, “U.S. Counterterrorism Priorities and Challenges in Africa.” Her testimony provided background and analysis on Islamist armed groups in Africa and the policy challenges present in West Africa’s Sahel region.

**NOTABLE EVENTS**


On Oct. 24, 2019, CRS experts presented their analysis and outlook for the U.S. approach to the Syria conflict, given the Turkish incursion into northern Syria and a related series of Administration statements and the withdrawal of some U.S. forces from northern Syria. In addition, the presenters discussed how the Turkish incursion created new challenges for the U.S.-Turkey bilateral relationship and raised questions regarding Turkey’s commitment to NATO.

On Feb. 26, 2020, CRS experts provided an overview of the President’s FY2021 International Affairs budget request in a legislative context. They also discussed related budget trends and current issues, including foreign affairs funding in the context of the broader federal budget and key topics related to State Department operations.
MAJOR POLICY ISSUES

HEALTH CARE

Congress engages in perennial debate over many complex issues related to health care, including coverage, accessibility, cost, accountability, quality and safety. In addition to these perennial issues, Congress addressed the initial outbreak and spread of COVID-19 that began early in 2020 and continued through (and beyond) the end of the fiscal year. This fiscal year, Members considered legislative action that impacts major U.S. health care stakeholders, such as federal and state governments, employers, insurers, health care providers, the medical products industry and consumers. As part of these efforts, Members, congressional committees and staff relied on the Service to address concerns with respect to the global COVID-19 pandemic, federal health care programs, the opioid epidemic, private health insurance and prescription drugs.

Patient Protection and Affordable Care Act. Executive and legislative action on health care, particularly with regard to the Affordable Care Act (ACA), has been an area of intense focus over the past year. In addition to congressional debates on whether or not to repeal the ACA, Congress was interested in the implications of a constitutional challenge to the ACA’s individual mandate. Legal questions surrounding this case, and its possible consequences for the ACA’s remaining provisions, were fielded by CRS experts, and the litigation was the subject of several reports.

Public Health and the COVID-19 Pandemic. CRS provided extensive support across a broad range of topics to support the congressional response to the COVID-19 pandemic. It analyzed a host of unprecedented actions—the creation of novel assistance programs, new interpretations of emergency authorities, rapid medical products development, and billions of dollars in new health care and social services spending, among others. It also supported Congress as it addressed health care access and coverage during and after the COVID-19 pandemic, as well as the financial challenges faced by health care programs, providers and individuals stemming from the associated economic downturn. The Service provided briefings and written products related to coverage of specific COVID-19 related tests, treatment, and possible vaccines; potential options for providing health coverage to those experiencing job loss; administrative program flexibilities, such as emergency state plan and waiver authorities, to improve access to care, including the expansion of telehealth use in various health care settings; and state and federal oversight of nursing home quality of care during the COVID-19 pandemic. CRS also provided the full range of support on pandemic-related financial challenges, including the impact of a reduction in revenues and increased enrollment on state Medicaid programs and potential avenues for state fiscal relief; the potential impact of a decline in payroll tax revenue on the solvency of the Medicare Hospital Insurance Trust Fund; and, the need for and tracking of Medicare and other financial relief for health care providers. Additionally, the Service analyzed the interaction of proposed health care legislation with
other COVID-related benefits, such as unemployment compensation; the potential impact on the ability of individuals to use funds in certain tax-advantaged health accounts in light of employment termination, delay of medical care or gaps in existing health coverage; and, the extent of racial, economic and health status disparities in health coverage and access to health care services, particularly among uninsured populations. Alongside the many medical, economic, social and public policy questions raised by the pandemic, CRS informed Congress on a range of legal issues. Among the most immediate questions were those related to the scope of state and federal authorities concerning quarantine measures, travel and entry restrictions, the movement of medical goods, and health care coverage. Of more ongoing concern were legal issues related to the development of vaccines, testing, treatments and other medical countermeasures and liability for COVID-19 exposure and medical treatment. As the pandemic and responses to it evolved, the Service continued to provide support on a range of issues including emergency authorities, supply chains, medical products development, health care surge capacity, workplace safety and equitable health care coverage and access.

**Medicare and Medicaid.** Congress considered multiple Medicare, Medicaid and public health provisions that were set to expire in 2020 including several Medicaid provisions that were extended during the fiscal year, such as protection for Medicaid recipients of home and community-based services against spousal impoverishment. Congress relied on CRS expertise while it weighed program changes related to a wide range of issues including: Medicare beneficiary enrollment periods and processes, Medicaid funding in the territories, Medicaid disproportionate share hospital (DSH) allotment reductions and the allocation of federal Medicaid DSH funding among states. The Service also provided assistance and analysis pertaining to updates and modifications to multiple Medicare provider payment systems; the Administration’s proposed Medicaid Fiscal Accountability Regulation; and Medicaid eligibility-related policies, such as eligibility for noncitizens and inmates. Medicare and Medicaid analysts provided briefings and consultative support on these and other topics, including the Medicare Advantage program, Medicare coverage determinations and multiple proposals to expand the benefits covered under Medicaid.

**Older Americans Act.** Congress continued to rely on the Service for analysis with respect to the development of legislative proposals to reauthorize the Older Americans Act (OAA) leading up to enactment of the Supporting Older Americans Act of 2020. The OAA provides funding for a range of home and community-based services—nutrition and supportive services, disease prevention/health promotion services, elder rights programs and caregiver support—to assist older Americans in maintaining their independence and remaining active in their communities. CRS analysts and research assistants prepared simulations to model the distributional effects of proposed changes to several of the OAA’s grant allocation formulas. CRS analysts and information professionals also provided extensive support on appropriations and funding under the act.

**Opioids.** CRS continued to assist Congress on legislative and oversight efforts regarding the opioid epidemic. The Comprehensive Addiction and Recovery Act of 2016 (CARA) was enacted in the 114th Congress, and the Substance Use-Disorder Prevention that Promotes Opioid Recovery and Treatment for Patients and Communities Act (SUPPORT Act) was enacted in the 115th Congress to address widespread overprescribing and abuse of opioids in the United States through law enforcement, public health, and health care financing and coverage provisions. However, the SUPPORT Act was enacted after fiscal 2019 appropriations were established, meaning fiscal 2020 was the first year many of the programs established in the law were funded. CRS monitored funding and implementation of SUPPORT Act provisions closely, publishing written products tracking funding and agency implementation of CARA
and SUPPORT Act directives. CRS analysts also provided expertise to congressional staff in identifying legislative efforts to build on CARA and SUPPORT Act in addressing the nation’s substance abuse epidemic. The opioid crisis also continued to raise legal questions concerning the liability of drug manufacturers and distributors. Legal ramifications on this matter extended into the realm of the FDA’s role in preventing abuse of opioids. CRS experts prepared reports examining the litigation regarding opioid marketing and the ongoing multi-district litigation for Congress and delivered several seminars on this topic.

**Prescription Drugs.** Congress relied on CRS experts to analyze prescription drug development, distribution, coverage and spending issues and to provide a broad range of legislative support, including briefings, memoranda and reports on this key area of interest. Analysts provided support to Congress on legislation and regulations related to federal health programs, including proposals for a cap on enrollee out-of-pocket spending, inflation-based rebates from pharmaceutical manufacturers and price negotiation in the Medicare Part D outpatient prescription drug program, and changes in reimbursement for physician-administered drugs in Medicare Part B. The Service helped lawmakers while they developed legislation to require greater price transparency from drug manufacturers; to require pharmacy benefit managers working for health insurers to disclose fees, retained rebates and other compensation; and to cap health plan enrollee out-of-pocket spending for medications, with a focus on insulin. The Service also supported legislative and executive branch efforts to reduce high prescription drug prices and created written products analyzing various proposals, as well as addressed the relationship between patent rights in pharmaceuticals and drug prices. Several proposals also addressed issues concerning transparency around drug pricing. The COVID-19 pandemic also brought to the forefront questions about U.S. reliance on foreign sources of medical products and the federal government’s ability to oversee the supply chain and mitigate possible future disruptions. In response to these concerns, CRS assisted lawmakers in developing legislation to improve data collection by FDA and increase information sharing between FDA and other federal agencies with respect to the medical product supply chain and potential shortages.

**Private Health Insurance.** CRS supported Congress as it debated alternative approaches to surprise medical bill legislation, weighed various coverage expansion and other health care reform proposals, explored policy ideas to expand access to and the value of tax-advantaged health accounts, and considered proposals to reform the financing of Postal retiree health benefits due to the requirement on the Postal Service to prefund such benefits. CRS also provided expertise on administrative rules and guidance with respect to private health insurance, including Administration efforts to expand access to plans that do not have to satisfy some or all federal private insurance requirements, including short-term limited duration insurance (STLDI), and to encourage alternative employment-based coverage, such as association health plans (AHPs). The Service also assisted staff interested in understanding the potential policy implications of legal challenges and state-level actions involving protections for individuals with preexisting health conditions, federal payments to insurers under ACA programs and the Administration’s rules concerning STLDI and AHPs. Finally, CRS provided data and resources on private health insurance enrollment, premiums and cost-sharing, benefit coverage and other topics, as well as support for congressional staff seeking to understand current federal requirements on health insurance plans.
CRS created **116** new products in the area of health care.

**SELECTED PRODUCTS**

**CRS Reports**
- “Defining Active Ingredient: The U.S. Food and Drug Administration’s Legal Interpretation of Regulatory Exclusivities” (R46110)
- “Digital Contact Tracing and Data Protection Law” (R46542)
- “Legal Issues in COVID-19 Vaccine Development” (R46399)

**Legal Sidebar**
- “CMS’s Hospital Price Transparency Final Rule and Related Legal Challenge” (LSB10392)
- “Constitutional Authority to Regulate the Privacy of State-Collected Contact-Tracing Data” (LSB10502)
- “COVID-19: Legal Considerations for Bringing a New Vaccine to Market” (LSB10427)
- “Could the President or Congress Enact a Nationwide Mask Mandate?” (LSB10530)
- “COVID-19 and Liability Limitations for the Health Care Sector” (LSB10508)
- “HIPAA, Telehealth, and COVID-19” (LSB10490)
- “The PREP Act and COVID-19: Limiting Liability for Medical Countermeasures” (LSB10443)

**NOTABLE EVENTS**

As private companies and governmental entities worked to develop a vaccine for COVID-19, CRS held two webinars on May 21, 2020, and June 17, 2020, examining legal issues associated with vaccine development. The webinars, “Legal Issues in COVID-19 Vaccine Development Webinar: FDA and Intellectual Property Law” and “COVID-19 Vaccine Development and the Law: FDA, IP, and Liability Issues,” explained the legal requirements for clinical trials and FDA emergency use authorization or licensure of new vaccines; the intellectual property rights of vaccine developers; and liability protections available to vaccine developers, manufacturers, administrators and healthcare professionals.

“Overview of the Opioid Litigation, Potential Global Settlements, and Considerations for Congress,” a seminar held on Jan. 20, 2020, addressed the implications and potential outcomes of litigation over the liability of certain opioid manufacturers, distributors and other entities for deaths and injuries arising from opioid addiction. In addition to discussing the litigation and the prospect for global settlement of certain claims, the seminar also explored legislative options available to Congress, including potential lessons learned from earlier congressional actions that responded to litigation over tobacco products in the 1990s.

Wen W. Shen, legislative attorney
COVID-19 and Immigration. In response to the COVID-19 pandemic, CRS experts published a variety of products to help Congress better understand the scope of COVID-19-related border restrictions, limitations on noncitizens’ access to CARES Act relief funds, and the scope of the suspension of entry of foreign nationals in certain nonimmigrant visa categories that allow them to live and work in the United States. The Administration issued various orders and policies to restrict travel into the United States in response to COVID-19. Many of these orders suspended the entry of broad categories of noncitizens from particular regions, such as Europe and the United Kingdom, or with certain types of visas, such as many types of immigrant visas and nonimmigrant work visas. Other Administration policies closed land ports of entry to non-essential travel and severely curtailed asylum processing for noncitizens encountered near the border without valid travel documents.

Asylum Processing at the Border. An increasing share of migrants arriving at the southern border are requesting asylum. Changes made by the Administration to asylum processing rules prompted significant litigation and several legislative proposals. CRS experts considered the legal and practical consequences of these policies and also conducted an interdisciplinary seminar considering the context, effects and legal issues surrounding these policies.

Public Benefit Eligibility. One prominent immigration issue this year concerned the extent to which noncitizens are eligible for the range of public benefits created by the CARES Act and other stimulus legislation, both proposed and enacted, offered in response to COVID-19. This issue implicates a complex immigration statute—the Personal Responsibility and Work Opportunity Reconciliation Act (PRWORA) of 1996—and a host of intricate policy details related to existing federal benefit programs. Attorneys and analysts published a series of timely products to explain the major eligibility issues that emerged in the wake of the CARES Act, and then followed up with longer, in-depth reports analyzing the applicable frameworks for Congress as it continued to debate further stimulus proposals.
CRS created 125 new products in the area of homeland security and immigration.

SELECTED PRODUCTS

**CRS Reports**

“The Power of Congress and the Executive to Exclude Aliens: Constitutional Principles” (R46142)

“PRWORA’s Restrictions on Noncitizen Eligibility for Federal Public Benefits: Legal Issues” (R46510)

**In Focus**

“Formal Removal Proceedings: An Introduction” (IF11536)

**COVID-19’s Effect on Interior Immigration Enforcement and Detention” (IN11335)**

**Immigration-Related Criminal Offenses” (IF11410)**

**Legal Sidebar**

“Immigration Arrests in the Interior of the United States: A Brief Primer” (LSB10362)

“Immigration Detainers: Background and Recent Legal Developments” (LSB10375)

“Presidential Actions to Exclude Aliens Under INA § 212(f)” (LSB10458)

**Insight**

“COVID-19’s Effect on Interior Immigration Enforcement and Detention” (IN11335)

**NOTABLE EVENT**

“Processing Asylum Seekers at the U.S.-Mexico Border: Recent Policy Changes,” a seminar held on Nov. 20, 2019, explored the context, practical effects and legal issues raised by several Trump Administration initiatives that changed how immigration authorities processed asylum seekers and the avenues by which those persons could seek to remain in the United States.

**DACA.** The fate of the Deferred Action for Childhood Arrivals initiative (DACA) hung before the Supreme Court and the executive branch this year. The Supreme Court heard a case in November 2019 about the legality of the Administration’s decision to rescind DACA. In June 2020, the Court ruled that the rescission violated procedural laws. The Department of Homeland Security responded with an announcement that it would reconsider the future of DACA, and that, in the meantime, it would narrow the scope of the protections available under the program.

Throughout these events, CRS fielded a high volume of questions from congressional audiences keenly interested in DACA and in the prospect of creating legislative protections for childhood arrivals. Experts published products about the Supreme Court’s ruling and about the larger, related subject of the limited legal protections available to noncitizens who lack lawful immigration status. Analysts also published a lengthy report about childhood arrivals who lack lawful status, DACA and related legislative proposals.
MAJOR POLICY ISSUES

JUSTICE AND LAW ENFORCEMENT

The Service provided analytical and legislative support to Congress while it considered a variety of criminal justice issues, including law enforcement reform and the effects of COVID-19 on the justice system, and the system’s response. Following several high profile incidents of police using deadly force during the course of their work, Congress debated and deliberated legislative efforts on law enforcement reform, with a focus on law enforcement officers’ use of deadly force in the performance of their duties. The COVID-19 pandemic did not spare the justice system its impacts and the Service supported Congress as they formulated legislative responses, and deliberated and debated a variety of bills that addressed COVID-19 impacts on the justice system. In support of Congress, CRS staff authored relevant publications and provided consultative and analytical support to Members on these and other justice and law enforcement issues.

Law Enforcement Reform. Law enforcement reform became a major focus of the 116th Congress with increased public attention to federal, state and local law enforcement use of force and the relationship between law enforcement personnel and the communities they serve. CRS provided support to Congress on issues related to law enforcement reform by conducting background research and supporting congressional oversight and legislative activities related to police use of force, qualified immunity, consent decrees, the role of federal law enforcement in responding to civil unrest and police-community relations, among other issues. The Service reviewed draft bills, produced relevant reports and briefed congressional offices on the major legislative law enforcement reform proposals, including the Justice in Policing Act of 2020 and the Just and Unifying Solutions To Invigorate Communities Everywhere Act of 2020 (JUSTICE Act). It also analyzed federal laws offering legal recourse to those injured by the police, the constitutional standards governing police use of force and a variety of reform proposals, the laws governing the deployment of federal law enforcement officers, constitutional provisions limiting the federal government’s ability to regulate state and local police, and qualified immunity and other doctrines governing lawsuits against law enforcement officers. CRS also presented a seminar on the relevant legal and policy issues related to Congress’s role in law enforcement reform.

COVID-19 and the Justice System. CRS experts analyzed how the COVID-19 pandemic might affect the justice system and its component agencies, including the risk to federal prisoners and the federal government’s release authorities and the Drug Enforcement Agency’s regulatory role, and how related policies have changed in response to the pandemic. As the COVID-19 pandemic prompted nationwide court closures, CRS explored the effects of these closures on access to justice, including analysis of CARES Act provisions intended to mitigate the effects of physical closures. CRS also provided Congress research and analysis on a wide
CRS created **63** new products in the area of justice and law enforcement.

### SELECTED PRODUCTS

**CRS Reports**

- “The Controlled Substances Act (CSA): A Legal Overview for the 116th Congress” (R45948)
- “Police Reform and the 116th Congress: Selected Legal Issues” (R46530)

**Legal Sidebar**

- “No-Knock” Warrants and Other Law Enforcement Identification Considerations” (LSB10499)
- “Congress and Law Enforcement Reform: Constitutional Authority” (LSB10487)
- “Federal Capital Punishment: Recent Developments” (LSB10357)
- “Federal Criminal Laws Applicable to Rioting, Property Destruction, and Related Conduct” (LSB10493)
- “Racial Profiling: Constitutional and Statutory Considerations for Congress” (LSB10524)
- “State Marijuana “Legalization” and Federal Drug Law: A Brief Overview for Congress” (LSB10482)
- “Reducing Harm or Enabling Substance Abuse? Supervised Injection Sites Under Federal Drug Law” (LSB10364)

### NOTABLE EVENTS

The webinar, “Congress and Police Reform: Legal and Policy Issues,” held on July 21, 2020 in the wake of several high-profile incidents involving the use of force by law enforcement agents, explained the legal doctrines and policy frameworks governing how law enforcement engages with the public. The webinar also considered the potential effects of legislative proposals to reform policing at the federal, state and local levels.

A later webinar, “Congress and Police Reform: Select Legal Issues,” held on Sept. 24, 2020, as part of the Federal Law Update seminar series, explored legal issues related to federal regulation of law enforcement, including legal remedies available for police misconduct and considerations that may inform the scope of proposals addressing law enforcement practices.

variety of legislative proposals governing federal courts’ jurisdiction over various types of lawsuits, as well as judicial opinions affecting litigants’ ability to obtain relief in courts.

**Criminal Justice.** Congress relied upon CRS experts to track criminal law developments at the Supreme Court, including opinions dealing with sentencing juvenile offenders and Fourth Amendment limitations on police searches and seizures. The COVID-19 pandemic raised a number of concerns about related criminal activity, and CRS provided Congress analysis on federal laws prohibiting fraud, price gouging and hate crimes, among other offenses. CRS experts also provided research and analysis for congressional staffers on incidents of rioting and property destruction related to nationwide protests occurring in the spring and summer of 2020. Responding in part to continual changes in state drug policies, attorneys also provided in-depth analysis of the Controlled Substances Act, as well more specific discussions on the regulation of fentanyl analogues and cannabis.

**Cybercrime.** CRS supported Congress in exploring the regulation of online crime. Attorneys provided research and analysis of the Computer Fraud and Abuse Act, highlighting recent judicial interpretations of the law. Attorneys also analyzed new proposals to criminalize harmful online content, such as deep fakes and child sexual exploitation material.
MAJOR POLICY ISSUES

SCIENCE AND TECHNOLOGY

To support Congress as it responded to the COVID-19 pandemic, CRS published a number of timely products, hosted seminars and provided confidential briefings that addressed the pandemic’s effects, federal initiatives to address them, and the application of science and technology research and development in pandemic response. Notably, CRS produced multiple products and provided briefings on policies and supplemental appropriations to increase broadband availability and accessibility. CRS continued to address ongoing policy concerns, including federal research and development funding and programs, telecommunications and spectrum policy, and civil and commercial space activities. Due to COVID-19 restrictions, CRS used virtual platforms to brief Members and congressional staff on these issues and host monthly seminars on science and technology topics of interest.

COVID-19 and Technology. CRS analyzed the availability and development of medical countermeasures, the Strategic National Stockpile, and the medical and equipment supply chains critical to pandemic response. CRS analysts and attorneys supported congressional consideration of contact tracing processes and technologies and provided analysis to Congress on agency pandemic R&D programs and the impacts of the COVID-19 pandemic on the federal R&D enterprise. CRS also evaluated the impacts of COVID-19 on critical infrastructure such as election infrastructure and remote voting, the “digital divide,” and federal programs to support telework, learning and telehealth during the pandemic.

Cybersecurity. In March 2020, the U.S. Cyberspace Solarium Commission released a public report containing over 80 recommendations on how the U.S. approach to cybersecurity may be improved. CRS experts helped Congress interpret this proposal for “layered cyber deterrence” and provided feedback on multiple bills aimed at strengthening the nation’s cyber defenses. The COVID-19 pandemic drew attention to this need when much of the federal workforce moved to telework consistent with social distancing recommendations. CRS experts helped Congress understand the risks associated with such a change and how they might be mitigated.

Emerging and Disruptive Technologies. Congress is increasingly interested in new and evolving technologies that exhibit the potential to have large-scale effects on social and economic activity across multiple sectors. CRS provided consultation and analysis regarding artificial intelligence (AI) technologies and their applications across sectors. Working across CRS divisions, analysts and attorneys assessed issues surrounding the use of AI technologies and machine learning, such as deep fakes and law enforcement use of facial recognition technologies, addressing bias and transparency concerns. CRS analysts also provided consultation and analysis on quantum computing and quantum information science, and CRS continued its Disruptive Technologies Seminar series featuring sessions on AI, advanced battery energy storage and the implications of automation on the future of work.
Energy Innovation, Research and Development. Congress has supported federal R&D of energy technologies for many years, mainly through programs administered by the Department of Energy (DOE). In fiscal 2020, much attention focused on expanding DOE’s research activities in novel energy technologies with low or no greenhouse gas emissions, such as carbon capture, utilization and sequestration (CCUS), and renewable energy and advanced nuclear technologies. CRS experts assisted Congress in all of these efforts, explaining the technologies under discussion, current DOE research activities, market conditions affecting these technologies and other considerations. CRS experts presented a seminar on various federal policies to incentivize energy innovation and published products on a range of related topics.

Research and Development and Technology Transfer. CRS continued its bicameral seminars for congressional staff on the annual federal research and development budget, presenting a seminar this year that attracted a high number of participants from congressional offices, district offices and committees of jurisdiction. Additionally, CRS experts provided committees and Members in-depth analysis of the specific research and development efforts at the Department of Defense, National Institutes of Health, Department of Energy, National Science Foundation, Department of Agriculture and the Department of Commerce. CRS also provided assistance on a range of issues related to coordinating R&D and technology transfer efforts across agencies, R&D activities at federally funded research and development centers and
national laboratories, manufacturing in high technology sectors, federal prize competitions, and the Small Business Innovation Research and Small Business Technology Transfer Programs.

**Science, Technology and Space Policy.** CRS experts consulted on and analyzed federal scientific integrity policies and agency implementation; federal agency chief scientists; and science, engineering and mathematics education grants and mentoring programs. CRS provided consultation and analysis to congressional office and committee staff in both chambers on NASA’s plans for human exploration of the Moon, space launch costs, commercial spaceflight, space weather, space situational awareness and orbital debris.

**Telecommunications and Internet Policy.** CRS provided consultation and analysis to enhance broadband mapping, buildout and adoption; state, local and tribal broadband initiatives; and federal programs, such as the FCC’s Rural Digital Opportunity Fund and Universal Service Fund programs to close the “digital divide.” CRS analysts and attorneys addressed the issues raised by the development and deployment of Fifth-Generation (5G) telecommunication networks, including national security and intelligence issues, cell tower siting, spectrum allocation and auctions, international competitiveness, open source architecture, and potential meteorological and GPS satellite interference. CRS analysts and attorneys assisted congressional efforts to combat unwanted “robocalls;” analyze emergency response communications; and address information dissemination, algorithms, and content moderation on social media. CRS telecommunications and internet analysts presented analysis to broad audiences of congressional staff on many of these issues through well attended seminars.

**Rights in Intellectual Property.** The soaring prices of pharmaceutical drugs garnered much congressional attention, including whether certain patenting practices on the part of drug innovators and manufacturers contribute to the cost of medications. CRS experts fielded many congressional inquiries related to the relationship between drug prices and patent rights—and prepared reports and seminars exploring this topic for the 116th Congress. Interest in potential intellectual property issues was also heightened by the COVID-19 pandemic. Among other issues, CRS attorneys analyzed the possible patent law issues related to a vaccine for the disease, as well as the copyright implications of increased remote learning, remote worship and use of ebooks. More broadly, congressional interest in China’s practices and policies with regard to intellectual property continued this fiscal year in light of the “Phase-One Agreement” between the United States and China and whether the Agreement would curb any of China’s allegedly abusive actions related to U.S. intellectual property.
CRS created 99 new products in the area of science and technology.

SELECTED PRODUCTS

CRS Reports
“Rural Digital Opportunity Fund: Requirements and Selected Policy Issues” (R46501)
“COVID-19: Remote Voting Trends and the Election Infrastructure Subsector” (R46407)
“Federal Telework During the COVID-19 Pandemic: Cybersecurity Issues in Brief” (R46310)
“Digital Contact Tracing and Data Protection Law” (R46542)
“Drug Pricing and Pharmaceutical Patenting Practices” (R46221)
“Facial Recognition Technology and Law Enforcement: Select Constitutional Considerations” (R46541)
“Legal Issues in COVID-19 Vaccine Development” (R46399)
“Artemis: NASA’s Program to Return Humans to the Moon” (IF11643)
“Digital Contact Tracing Technology: Overview and Considerations for Implementation” (IF11559)
“Spectrum Interference Issues: Ligado, the L-Band, and GPS” (IF11558)
“The Universal Service Fund and COVID-19: The FCC and Industry Response” (IF11520)
“Quantum Information Science: Congressional Activity and Federal Policy Recommendations” (IF11524)
“Digital Millennium Copyright Act (DMCA) Safe Harbor Provisions for Online Service Providers: A Legal Overview” (IF11478)
“Pharmaceutical Patenting Practices: A Legal Overview” (IF11561)
“FCC Draft Rule Seeks to Limit Space Debris” (IN11342)
“COVID-19 and Broadband: Potential Implications for the Digital Divide” (IN11239)
“Competition in Digital Markets: Vertical Integration and Acquisitions” (IN11462)
“The FCC-Approved Ligado Network and Potential Technical Issues for DOD Use of GPS” (IN11414)
“Regulating Internet Access: Lessons from COVID-19” (LSB10520)

Insight
“Cybersecurity: Recent Policy and Guidance on Federal Vulnerability Disclosure Programs” (IN11497)
“COVID-19 Medical Countermeasures: Intellectual Property and Affordability” (LSB10422)

Legal Sidebar

NOTABLE EVENTS

In February and March 2020, members of CRS’s Resources, Science and Industry (RSI) division joined colleagues from CRS’s Domestic Social Policy division, American Law division, and Foreign Affairs, Defense and Trade division to present timely seminars and webinars on the emerging COVID-19 pandemic.

In June 2020, members of CRS’s RSI division presented a webinar, “FY2021 Federal Research and Development (R&D) Funding,” to provide congressional clients with information on relevant mission agency and program research and development budgets, noting significant changes and placing them in historical context.

The COVID-19 pandemic resulted in significant changes to public life, including moving some traditionally in-person activities online. The webinar, “Information Access and COVID-19: Copyright Issues in Distance Learning, Remote Worship, and Ebooks,” held on July 1, 2021, explored how legal doctrines allowing the use of copyrighted works for in-person worship, classroom teaching and library lending of physical books apply in the context of webcasting educational or religious services or for ebook lending.
MAJOR POLICY ISSUES

SOCIAL SECURITY AND SOCIAL INSURANCE

Social insurance and other compensation programs that protect individuals and their families against the risks of illness in old age and lost earnings due to retirement, disability, unemployment, and death, are of long-standing interest to Congress. In fiscal 2020, with the COVID-19 pandemic, congressional attention was focused on the role these social insurance programs should play in providing needed financial support to those experiencing job loss, disability or death due to COVID-19. Throughout this period, CRS analysts provided expertise to congressional staff as they developed and enacted new legislation providing Unemployment Insurance (UI) benefits in response to unprecedented COVID-19 driven job losses, evaluated policy issues related to eligibility for and delivery of economic stimulus payments, developed and enacted legislation addressing COVID-19 infections among public safety officers, and evaluated how the federal and the state workers’ compensation systems were addressing COVID-19 exposures in the workplace.

Public Safety Officers’ Benefits (PSOB). The PSOB program provides cash benefits to federal, state and local police officers; firefighters and emergency medical services personnel who are permanently and totally disabled; or to the families of officers killed in the line of duty. During the past year, Congress considered various proposals to reform this program to expand coverage and address concerns raised by groups representing public safety officers. CRS provided assistance to Congress in these efforts by serving as a resource on legislative history and program data and by providing information on other federal compensation and disability programs that could serve as models for PSOB reform. CRS supported Congress in development and enactment of the Safeguarding America’s First Responders Act.

Workers’ Compensation for Employees Affected by COVID-19. From the beginning of the COVID-19 pandemic, Congress raised questions about the role workers’ compensation should play in providing benefits to persons unable to work because of COVID-19 illness, as well as those unable to work because of COVID-19 quarantine orders. Due to the nature of transmission of the SARS-CoV-2 virus, Congress raised additional questions about how workers’ compensation systems could determine if an employee’s COVID-19 was incurred in the workplace and thus would be compensable. CRS supported Congress by providing ongoing information on how state workers’ compensation systems were addressing COVID-19, including information on states that created presumptions of workers’ compensation eligibility for COVID-19. Congress drafted legislation to create similar eligibility presumptions for the federal workers’ compensation programs: the Federal Employees’ Compensation Act and the Longshore and Harbor Workers’ Compensation Act. CRS participated in congressional discussions about possible legislative actions that Congress could
take, reviewed draft legislation and also provided information on administrative actions taken by the Department of Labor to address COVID-19 in the federal workers’ compensation programs in the absence of enacted legislation.

**COVID-19 and Direct Payments to Individuals and Families.** In response to a sudden economic decline from the COVID-19 pandemic, Congress passed the CARES Act, which included direct payments to individuals to provide economic relief to individuals and families. In support of legislative considerations and congressional oversight, CRS prepared a comprehensive portfolio of written products analyzing a diverse set of policy issues related to eligibility for and delivery of these Economic Impact Payments (EIPs), which some referred to as stimulus payments or checks. These products included those that examined recipient characteristics; the potential impact of EIPs on family incomes and eligibility for publicly subsidized health programs; special considerations for Social Security, Supplemental Security Income and certain Department of Veterans Affairs beneficiaries; eligibility for certain noncitizens and older dependents; and offset of EIPs for past-due child support. The Service also provided congressional offices with information comparing the CARES Act with other bills introduced in the 116th Congress and with direct payments issued in 2008 and 2009 during the
Great Recession. Finally, CRS provided Congress with a continually updated resource guide on these payments, which collected and organized information from authoritative sources, including a comparative analysis of economic policy responses in other countries.

Unemployment Compensation for Individuals Facing Job Losses Due to COVID-19. In response to the mass unemployment created by the COVID-19 pandemic and the resulting economic recession, the 116th Congress created several new temporary unemployment insurance (UI) benefits for workers unemployed due to the pandemic and also temporarily modified permanent UI programs. During fiscal 2020, CRS analysts provided expertise related to UI benefits in response to COVID-19, including the development and implementation of UI provisions in three laws: the Families First Coronavirus Response Act (FFCRA), the CARES Act and the Protecting Nonprofits from Catastrophic Cash Flow Strain Act of 2020. CRS also provided support to Congress in fiscal 2020 on additional legislation introduced to amend, contract or expand the temporary UI benefits already created. The Service provided legislative analysis on proposed UI modifications, review of draft legislative language, briefings and a series of new CRS written products to assist Congress in these efforts.
CRS created **38** new products in the area of social security and social insurance.

**SELECTED PRODUCTS**

**CRS Reports**
- “Occupational Safety and Health Administration (OSHA): Emergency Temporary Standards (ETS) and COVID-19” (R46288)
- “The Energy Employees Occupational Illness Compensation Program Act (EEOICPA)” (R46476)
- “Social Security and Vulnerable Groups—Policy Options to Aid Widows” (R46182)
- “Social Security: Demographic Trends and the Funding Shortfall” (R45990)

**Insight**
- “COVID-19 and Direct Payments to Individuals: Economic Impact Payments (EIPs) for Social Security and Supplemental Security Income Beneficiaries” (IN11290)
- “COVID-19: Supplementing Unemployment Insurance Benefits (Federal Pandemic Unemployment Compensation vs. Lost Wages Assistance)” (IN11492)
- “Social Security Retirement Earnings Test (RET): Earnings Exemption for COVID-19-Related Work Response” (IN11352)

**In Focus**
- “Unemployment Insurance Provisions in the CARES Act” (IF11475)
- “COVID-19: Social Insurance and Other Income-Support Options for Those Unable to Work” (IF11447)
- “OSHA Jurisdiction Over Public Schools and Other State and Local Government Entities” (IF11619)
- “Social Security Benefits and the Effect of Declines in Average Wages and Prices” (IF11599)

**NOTABLE EVENT**

The program “Hot Topics in Social Security in the 116th Congress,” presented as part of CRS’ 2020 Issues and Policy Seminar, provided a high-level overview of the major Social Security policy issues that were anticipated to be active that year: Social Security solvency; the Social Security Administration’s newly proposed rule on Continuing Disability Reviews (CDRs); and the Windfall Elimination Provision (WEP) and state and local government workers.
MAJOR POLICY ISSUES

SOCIAL WELFARE AND HOUSING

A wide range of federal programs and policies contribute to the social welfare of individuals and families, particularly those in poverty or with lower incomes. Congress perennially faces issues related to the federal government’s role in providing a variety of support, including housing assistance, cash for needy families, nutrition assistance, child care for working parents, foster care for abused or neglected children and programs for vulnerable youth. In FY2020, these perennial issues were compounded within the context of the COVID-19 pandemic. Congress developed and deliberated legislation in response to unprecedented social welfare pressures in the country. CRS supported Congress in a variety of efforts to amend existing, and develop new, social policies affecting individuals and families across the income spectrum.

Child Care. Congress called upon CRS for analysis of existing and proposed federal investments in child care. Experts used microsimulation to model the potential effects of legislative proposals on families’ eligibility for and receipt of child care benefits from tax provisions and spending programs. CRS also supported congressional efforts on legislation to address the widespread impact of COVID-19 on the child care market. Analyses took into account the needs of child care providers and working families, including the families of essential workers.

Domestic Violence. In response to efforts to reauthorize the Family Violence Prevention and Services Act (FVPSA) and the Violence Against Women Act (VAWA), CRS supported Congress while it drafted legislation and prepared for hearings. The Service’s work focused on providing background on populations vulnerable to domestic violence, analysis of proposals to change the FVPSA formula grant allocations and create new grant programs, and analysis of potential changes to the definition of domestic violence and other terms defined under VAWA. With the onset of COVID-19, CRS wrote and consulted on emergency appropriations and possible federal policy responses to the housing and other needs of domestic violence victims.

Child Welfare. CRS worked closely with congressional staff to examine child welfare issues, including continued implementation of the Family First Prevention Services Act, kinship care families and older youths who have experienced foster care. The Service supported Congress in its ongoing efforts to strengthen the Child Abuse Prevention and Treatment Act, as well as proposals to amend the Chafee Foster Care Program for Successful Transition to Adulthood, such as by expanding efforts to evaluate the program and providing additional programmatic flexibilities. CRS also assisted with legislation to support child welfare agencies, families and older youths during the COVID-19 public health emergency through existing federal child welfare programs.

Nutrition Assistance. CRS provided research and analysis to Congress on the domestic nutrition
assistance programs, notably new programs like the Pandemic Electronic Benefit Transfer program, which provides a benefit redeemable for groceries in place of free and reduced-price school meals missed due to pandemic school closures. Likewise, in light of school closures, CRS assisted Congress in understanding the available flexibilities and barriers to schools continuing to provide meals directly to children. The pandemic placed emergency feeding organizations like food banks in the national spotlight, and CRS published a report analyzing how various funding streams and programs support these organizations’ work, including the Administration’s new Farmers to Families Food Box distribution program. CRS also responded to Congress’s interest in pre-pandemic Supplemental Nutrition Assistance Program (SNAP) regulations that would change eligibility rules and benefit calculations for SNAP and policies to increase benefits and/or simplify program administration after the pandemic.

**Housing and Homelessness.** In addition to supporting Congress while it considered various low-income housing policy issues—federal appropriations for housing assistance, reforms to existing programs, and creation of new programs and initiatives—CRS analysts provided insight and analysis on a range of housing policy considerations related to the COVID-19 pandemic. CRS assisted Congress in its efforts to develop legislation, such as the CARES Act, to respond to COVID-19 housing-related challenges. CRS experts also published written products on housing legislation, both enacted and proposed, and on various measures to help families struggling to maintain their housing, including mortgage forbearance and eviction moratoriums, as well as to address the unique challenges of homelessness during the pandemic.

**Housing Law.** To help reduce the spread of COVID-19 and provide financial relief to homeowners and renters affected by the pandemic, the 116th Congress enacted—and federal agencies implemented—eviction and foreclosure moratoriums. CRS consulted and wrote on constitutional and other legal issues raised by these emergency measures. The Federal Fair Housing Act, enacted as Title VIII of the Civil Rights Act of 1968, prohibits discrimination in the sale, rental or financing of housing based on race, color, religion, national origin, sex, familial status and handicap. CRS prepared written products and conducted briefings to respond to questions prompted by amendments to the Fair Housing Act’s regulations that were promulgated by the Department of Housing and Urban Development.
CRS created 53 new products in the area of social welfare and housing.

**SELECTED PRODUCTS**

**CRS Reports**
- “Federal Spending on Benefits and Services for People with Low Income: FY2008-FY2018 Update” (R46214)
- “COVID-19: Child Care and Development Block Grant (CCDBG) Supplemental Appropriations in the CARES Act” (R46324)
- “Demographic and Social Characteristics of Persons in Poverty: 2018” (R46294)
- “Child Support Enforcement-Led Employment Services for Noncustodial Parents: In Brief” (R46365)
- “School Meals and Other Child Nutrition Programs: Background and Funding” (R46234)
- “Serving Free School Meals through the Community Eligibility Provision (CEP): Background and Participation” (R46371)
- “USDA Domestic Food Assistance Programs: FY2020 Appropriations” (R46488)
- “Department of Housing and Urban Development (HUD): FY2021 Budget Request Fact Sheet” (R46247)
- “Noncitizen Eligibility for Federal Housing Programs” (R46462)
- “Federal Support for Providing Housing to Individuals Experiencing Domestic Violence” (IF11592)
- “Federal Youth Employment and Job Training Programs” (IF11640)
- “U.S. Repatriation Program for Citizens Returned from Abroad” (IF11484)
- “The Low-Income Housing Tax Credit: Policy Issues” (IF11335)
- “Potential Impact of COVID-19 on Dependent Care Flexible Spending Arrangements (FSAs)” (IF11597)
- “Federal Medical Assistance Percentage (FMAP) Increase Available for Title IV-E Foster Care and Permanency Payments” (IN11297)
- “Support for Homeless Youth in the Context of COVID-19: A Brief Overview” (IN11302)

**In Focus**
- “COVID-19: Child Care Grants in H.R. 7027 and H.R. 7327” (IN11466)
- “Federal Medical Assistance Percentage (FMAP) Increase Available for Title IV-E Foster Care and Permanency Payments” (IN11297)
- “Support for Homeless Youth in the Context of COVID-19: A Brief Overview” (IN11302)
- “CARES Act Eviction Moratorium” (IN11320)
- “Federal Housing Policy Responses to COVID-19” (IN11424)
- “COVID-19: Financial Relief and Assistance Resources for Renters” (IN11498)
MAJOR POLICY ISSUES

TAXES, THE BUDGET AND THE ECONOMY

CRS provided Congress with timely analysis of tax and fiscal policy options as Congress debated and oversaw the policy response to the COVID-19 pandemic and subsequent economic fallout. Written products addressed the current and projected economic landscape and evaluated policy options that might support businesses, affected industries and households. Research also analyzed state and local fiscal conditions in 2020 and options for federal assistance to state and local governments.

**Budget.** As in previous years, the Service assisted Congress in understanding the impact of the Budget Control Act of 2011 (BCA) and the effects of subsequent legislative modifications to the BCA. CRS accomplished this with several written products, short videos and congressional seminars on the BCA. The Service also analyzed issues surrounding dynamic scoring and budget reconciliation. CRS assisted Members and staff interested in reforming federal budget policy and the federal budget process, both in the short- and the long-term, through written products, seminars and briefings.

**Fiscal Policy.** CRS supported Congress’s response to the economic downturn associated with the COVID-19 pandemic through a broad portfolio of written products on economic supports for businesses, individuals, and state and local governments. CRS examined the fiscal conditions of state and local governments, as well as unemployment, gross domestic product (GDP) and other economic data, helping Congress to understand the economic repercussions of the pandemic. Seminars and webinars provided context to using fiscal policy tools in the face of recession, as well as evaluating proposed and implemented policies. Written work also examined proposed and enacted policy responses and their effects on the economy, including federal support for state and local governments (fiscal federalism), support for small and large businesses, and support for individuals and households. Notably, the Service provided extensive support to Congress in the development of state and local fiscal assistance proposals and generated analytical reports and consultative services on policies and major legislation related to state and local support. CRS also aided Congress as it sought to support small businesses, providing analysis of previous small business policy responses to downturns and written products and consultations on the Paycheck Protection Program (PPP), a central congressional response to the COVID-19 pandemic. There was extraordinarily high demand for consultative services and CRS expertise on Small Business Administration (SBA) programs following enactment of the CARES Act.

**Tax Policy and the COVID-19 Pandemic.** Tax policy was an integral component of the policy response to the COVID-19 pandemic and the economic repercussions of the pandemic during fiscal 2020. CRS experts supported Congress’s consideration of tax policy elements of COVID-19 response legislation with an extensive portfolio of written products and consultative services. CRS tax policy experts coordinated collaborative research that analyzed direct payments to individuals and households in the context of social policy, immigration and veterans affairs. Payroll tax credits for paid leave...
and employee retention were enacted in response to the pandemic, and CRS experts provided written analysis and consultative support during the development and implementation of these innovative policies. Dozens of new CRS products analyzed the numerous tax policies for individuals and businesses enacted in the FFCRA and the CARES Act, as well as those proposed in the Heroes Act and the Health, Economic Assistance, Liability Protection, and Schools Act.

**Tax Policy.** In addition to tax policy work related to the COVID-19 pandemic, CRS supported Congress’s consideration and evaluation of a range of other tax policies. The Taxpayer Certainty and Disaster Tax Relief Act of 2019 became law late in 2019. In 2020, CRS published several reports providing analysis of the temporary tax provisions for individuals, businesses and the energy sector, as well as disaster relief, which the law extended through 2020. Other written products provided analysis and evaluations of the income tax system on poverty, proposals to support family and medical leave through the tax code, energy tax policy and housing tax policy.


**Tax Law.** Congress considered a variety of areas relating to tax law during fiscal 2020. Among the topics on which CRS experts supported Congress were the tax consequences of proposals to grant various types of relief from student loan debt, the obligations of various types of tax-exempt organizations, restrictions on the disclosure of certain categories of taxpayer information, potential taxes on electric motor vehicles, possible amendments to the Foreign Investment in Real Property Tax Act applicable to certain taxpayers, as well as possible legislation addressing deductions for expenses related to environmental damages.
CRS created 135 new products in the area of taxes, the budget and the economy.

SELECTED PRODUCTS

**CRS Reports**
“COVID-19 Relief Assistance to Small Businesses: Issues and Policy Options” (R46284)
“The Coronavirus Aid, Relief, and Economic Security (CARES) Act—Tax Relief for Individuals and Businesses” (R46279)
“General State and Local Fiscal Assistance and COVID-19: Background and Available Data” (R46298)
“COVID-19 and Direct Payments: Resources and Experts” (R46415)
“SBA Paycheck Protection Program (PPP) Loan Forgiveness: In Brief” (R46397)
“The Impact of the Federal Income Tax Code on Poverty” (R45971)
“Dynamic Scoring in the Congressional Budget Process” (R46233)
“Expired and Expiring Tax Provisions (‘Tax Extenders’): CRS Resources” (R45967)
“Solar Energy: Frequently Asked Questions” (R46196)
“Fiscal Policy and Recovery from the COVID-19 Recession” (R46460)
“The Federal Taxing Power: A Primer” (R46551)

**In Focus**
“The Low-Income Housing Tax Credit: Policy Issues” (IF111335)
“The Tax Credit for Carbon Sequestration (Section 45Q)” (IF11455)
“Oil and Gas Tax Preferences” (IF11528)
“State and Local Government Debt and COVID-19” (IF11502)
“Reliance on Treasury Department and IRS Tax Guidance” (IF11604)

**Insight**
“COVID-19 and Direct Payments to Individuals: Summary of the 2020 Recovery Rebates/Economic Impact Payments in the CARES Act (P.L. 116-136)” (IN11282)
“Tax Credit for Paid Sick and Family Leave in the Families First Coronavirus Response Act (H.R. 6201) (Updated)” (IN11243)
“CARES Act Assistance for Employers and Employees—The Paycheck Protection Program, Employee Retention Tax Credit, and Unemployment Insurance Benefits: Assessment of Alternatives (Part 2)” (IN11329)
“COVID-19 and State and Local Fiscal Conditions: Select Resources on Current Status, Impacts, and Federal Relief” (IN11351)
“COVID-19 Economic Stimulus: Business Payroll Tax Cuts” (IN11260)
“COVID-19: Presidential Order Deferring Individual Payroll Taxes” (IN11488)
“The Paycheck Protection Program (PPP) and Larger Borrowers: Oversight Efforts and Options for Congress” (IN11374)
“Technical Corrections to Tax Reform” (IN11175)
“COVID-19: The Employee Retention Tax Credit” (IN11299)

**NOTABLE EVENT**
In January 2020, CRS released a series of three animated videos to explain the major components of the Budget Control Act (BCA) in a short and accessible format. The first video provided an overview of the BCA’s budget enforcement mechanisms. The second video examined the discretionary spending caps and the third one focused on the annual sequestration of certain mandatory spending. The videos stemmed from a pilot program to expand the ways in which CRS reaches Congress with its expertise.
MAJOR POLICY ISSUES

TRADE AND INTERNATIONAL FINANCE

The Service supported Congress on a broad range of U.S. trade policy and international trade and finance issues. These included U.S. tariff policy; U.S. trade agreements, trade negotiations and relations with China, Europe, India and other major economies; and export controls and intellectual property rights. Another focus was U.S. participation in international trade and financial institutions, such as the World Trade Organization.

Agricultural Trade. Congress paid close attention to lower exports of key farm commodities and international trade agreements that might help boost farm incomes. CRS analysts and attorneys collaborated on reports and virtual seminars for congressional staff on potential reform of the World Trade Organization’s Agreement on Agriculture, which limits farm subsidies and barriers to agricultural imports. CRS analysts also focused on the implementation of a preliminary trade agreement between the United States and China; on the implications of a 2019 partial trade agreement with Japan; and on the U.S.-Mexico-Canada trade agreement, which took effect July 1, 2020.

COVID-19, U.S. Trade and the Global Economy. With the outbreak of COVID-19, the impact of the pandemic on U.S. trade and the global economy became a key area of congressional concern. Analysis by CRS experts addressed the disruptions to U.S. imports and exports, particularly with respect to trade with China in medical products and personal protective equipment due to China’s role as a key producer of certain products and in critical supply chains. CRS analysis also examined COVID-19’s impact on the global economy, including the various fiscal and other support measures by key economies to stem the dramatic economic downturns resulting from shutting down major parts of economies to halt disease spread. A final area of international economic focus was the role of support provided to economies by International Financial Institutions, such as the International Monetary Fund and the World Bank.

Foreign Investment. Foreign investment in U.S. firms that are engaged in leading-edge technology was an area of continuing congressional focus in fiscal 2020. Congress empowered the Administration, through the Committee on Foreign Investment in the United States (CFIUS), to review a broad range of foreign investment activities for their national security implications and to increase reporting to Congress on CFIUS’ activities. In addition to foreign investments that typically come under CFIUS’ scrutiny, the Foreign Investment Risk Review Modernization Act (FIRRMA) further empowered CFIUS to review a number of other types of potential transactions. CRS experts researched and analyzed FIRMMA implementation issues and broader foreign investment transactions, especially involving China, as well as related provisions on dual use export controls.

International Finance. In the area of international finance, emerging and existing financial crises continued to be a focus of Congress during fiscal 2020. CRS experts assisted Congress in examining the deepening economic crisis in Venezuela and the impact of related
U.S. sanctions. The Service also provided assessments of potential crises and economic developments in Argentina and Lebanon and continued to examine the economic implications of various sanctions measures in place against Russia and other countries. CRS experts also provided analysis of the evolving growth of digital currencies around the world and their implications for the United States, as well as the role of the dollar in the global economy.

Manufacturing. The COVID-19 pandemic has drawn attention to the United States’ dependence on imports to meet domestic demand for personal protective equipment (PPE), pharmaceutical products and other medical articles, leading to proposals to encourage or require certain manufacturing to be performed domestically. CRS provided analysis with respect to reestablishing pharmaceutical supply chains in the United States for PPE and pharmaceuticals or mandating that the Defense Department or other federal agencies purchase a wider range of U.S.-made goods. Early in 2020, the Administration expanded the scope of duties on imports of aluminum to include derivative products such as aluminum wire, and CRS provided consultation on efforts to promote greater use of aluminum smelted domestically.

Administration Tariff Measures and Use of Delegated Trade Authorities. Investigations under Section 232 of the Trade Act of 1962, initiated by the Commerce Department, concluded that imports of steel and aluminum products from various countries threatened to impair U.S. national security. Thus, CRS provided consultative work and assisted Congress with ongoing analysis of the Administration’s response to that finding with increased tariffs on U.S. imports of those products from select countries. At the same time, tariff measures applied on U.S. imports from China also generally remained in place, as the result of an investigation by the United States Trade Representative (USTR) of specific Chinese trade practices on intellectual property and forced technology, using authorities under Section 301 of the Trade Act of 1974. CRS assisted Congress as it examined the implementation and potential changes to these trade authorities to address a variety of different concerns.
**U.S.-China Trade Relations.** The U.S.-China trade and economic relationship continued to be a major policy focus of Congress and was often fraught with tension. Growing attention particularly centered on China’s industrial and technology policies and the tools China uses to advance these policies and its broader interests while Chinese firms expand their activities overseas. While Congress showed concerns over certain Chinese trade practices, some Members were also concerned about the potential harm to the U.S. economy from rising tariffs on each other’s goods. CRS assisted Congress extensively on these and numerous other issues relating to the U.S.-China trade and economic relationship, with in-depth analysis of the tariff measures, China’s investment patterns, technology issues and other areas of policy concern. Particularly as the COVID-19 pandemic unfolded, Congress’s interest focused considerably on presidential authority to affect change in the trade relationship, such as the authority behind the United States’ entry into the “Phase-One Agreement” with China. CRS products addressed issues related to the President’s various trade authority vis-à-vis that of Congress. More broadly, CRS experts prepared an in-depth study of China’s practices and policies with regard to intellectual property and possible legal remedies for these allegedly abusive actions.

**U.S. Trade Agreement Negotiations.** The Administration launched an unprecedented formal renegotiation of the North American Free Trade Agreement (NAFTA), the largest U.S. free trade agreement in place since 1994, using various congressional consultation and notification authorities under U.S. Trade Promotion Authority (TPA). Under TPA, Congress formally considered and approved legislation to implement the concluded new agreement to replace NAFTA – the United States-Mexico-Canada Agreement (USMCA). Debate was notable over several of the agreement’s provisions, such as those related to motor vehicle rules of origin, dispute settlement, intellectual property rights, and enforcement of the labor and environmental provisions. The Administration also initiated, concluded and/or notified to Congress additional new U.S. bilateral trade negotiations. These included the conclusion of a limited U.S.-Japan trade agreement, as well as ongoing negotiations with the United Kingdom and Kenya. A growing issue of congressional interest was the U.S. role in the World Trade Organization (WTO), where Administration measures regarding the WTO Appellate Body effectively brought dispute settlement proceedings to a partial halt.
CRS created 71 new products in the area of trade and international finance.

SELECTED PRODUCTS

**CRS Reports**

“COVID-19: China Medical Supply Chains and Broader Trade Issues” (R46304)

“Global Economic Effects of COVID-19” (R46270)

“U.S.-China Tariff Actions by the Numbers” (R45949)

“Intellectual Property Violations and China: Legal Remedies” (R46532)

“Foreign Trade Remedy Investigations of U.S. Agricultural Products” (R46263)

**In Focus**

“Reforming the WTO Agreement on Agriculture” (R46456)

“Medical Supply Chains and Policy Options: The Data Challenge” (IF11648)

“U.S. Export Control Reforms and China: Issues for Congress” (IF11627)

“Section 307 and Imports Produced by Forced Labor” (IF11360)

“USMCA: A Legal Interpretation of the Panel-Formation Provisions and the Question of Panel Blocking” (IF11418)

**Insight**

“Revoking Hong Kong’s Preferential Trade Status: Legal Framework and Implications” (LSB10488)

“COVID-19: International Trade and Access to Pharmaceutical Products” (LSB10436)

“Steel” Subject to Tariffs: Federal Circuit Upholds Constitutionality of Section 232” (LSB10421)

“The Legal Basis for the U.S.-China “Phase One” Agreement and Implications for Implementation” (LSB10403)

**Legal Sidebar**

“WTO: Ministerial Delay, COVID-19, and Ongoing Issues” (IF11513)

“The Regional Comprehensive Economic Partnership: Status and Recent Developments” (IN11200)

“USMCA: Implementation and Considerations for Congress” (LSB10399)

**NOTABLE EVENT**

On Oct. 25, 2019, CRS experts on international trade and finance examined the issues surrounding the proposed United States-Mexico-Canada Agreement, USMCA, also known as NAFTA 2.0, and briefly described the Trade Promotion Authority (TPA) process by which Congress may consider implementing legislation.

Ian F. Fergusson, specialist in international trade and finance, M. Angeles Villareal, specialist in international trade and finance, and Cathleen D. Cimino-Isaacs, analyst in international trade and finance
MAJOR POLICY ISSUES

TRANSPORTATION

The COVID-19 pandemic had major effects on industries in the travel and transportation sectors. CRS provided information and analysis to Congress on several aspects of the pandemic’s effects, including the use of transportation spending as economic stimulus and federal support for public and private entities in civil aviation, the cruise ship industry, public transportation and intercity passenger rail. CRS also supported Congress in dealing with highway safety and vehicle safety, including autonomous vehicle development and deployment, and the use of speed and red light cameras. The reauthorization of surface transportation programs and Amtrak continued to be an issue of legislative concern.

Aircraft Certification. The grounding of the Boeing 737 Max passenger jet in March 2019, in the wake of two catastrophic accidents, drew renewed attention to the aircraft certification process. Throughout fiscal 2020, committees in both houses of Congress investigated Boeing’s practices and Federal Aviation Administration (FAA) procedures allowing aircraft and avionics manufacturers to certify their products’ compliance with FAA standards.

COVID-19 and Transportation. The pandemic had severe consequences for the travel and tourism sectors when U.S. and foreign authorities prohibited cruises, discouraged passenger flights, and closed hotels and restaurants. CRS published reports examining the effects of the pandemic on individual industries and worked closely with clients developing legislation to provide federal support to affected businesses and workers.

Electric Vehicles. Electric vehicles achieved a breakthrough during fiscal 2020, when many automakers reduced production of petroleum-fueled vehicles and allocated substantial resources to manufacturing fully electric cars and light trucks, as well as the batteries to power them. Some Members of Congress expressed concern that the limited availability of a vehicle charging infrastructure in some areas of the country impedes the adoption of electric vehicles. CRS transportation, tax and energy experts were called upon to develop proposals for inclusion in surface transportation legislation, and to also find ways for the federal government to encourage wider use of electric school and transit buses.

Infrastructure. With the authorization of highway, transit, highway safety and passenger rail programs scheduled to expire at the end of the fiscal year, CRS worked with committees involved in reauthorization to assess funding alternatives and evaluate proposed policy changes. In July, the House passed a bill that would have reauthorized surface transportation programs for five years, as well as funded investments in water, wastewater, energy, health, communications and education infrastructure. This legislation was not advanced in the Senate; instead, Congress agreed to extend authorization of surface transportation programs through the end of fiscal 2021.
CRS created 44 new products in the area of transportation.

SELECTED PRODUCTS

CRS Reports
“Cockpit Automation, Flight Systems Complexity, and Aircraft Certification: Background and Issues for Congress” (R45939)

“Issues in Autonomous Vehicle Testing and Deployment” (R45985)

“Issues in the Reauthorization of Amtrak” (R45942)

“Rail Transportation of Liquefied Natural Gas: Safety and Regulation” (R46144)

“Safety Impact of Speed and Red Light Cameras” (R46552)


In Focus
“Aircraft Noise and Air Traffic Control Modernization” (IF11420)

“Distribution of Harbor Maintenance Trust Fund Expenditures” (IF11645)

“Inland and Intracoastal Waterways: Primer and Issues for Congress” (IF11593)

“National Infrastructure Bank: Proposals in the 116th Congress” (IF11608)

“Protecting Against Rogue Drones” (IF11550)

“Impact of Commercial Space Launch Activities on Aviation” (IF11351)

Insight
“COVID-19 and Funding for Civil Aviation” (IN11267)

“Should Railroads Help Pay for Grade Crossing Improvements?” (IN11434)

“Furloughs Likely If FAST Act and Transportation Appropriations Not Extended by September 30” (IN11509)

“Harbor Dredging: Issues and Historical Funding” (IN11194)

“COVID-19 and the Cruise Ship Industry” (IN11245)

“Public Transit Ridership Continues to Decline” (IN11181)
MAJOR POLICY ISSUES

VETERANS

Congress focused on issues facing America's veterans, including those related to improving access to health care for veterans in the communities in which they reside and expanding the list of presumptive conditions qualifying for disability compensation. As part of these ongoing efforts, Congress continued to rely on CRS to provide analytical and background support for hearings and legislative development. In addition to perennial efforts to address issues impacting veterans, the onset of the COVID-19 global pandemic affected the veterans’ health care system, not only in terms of the pandemic’s impact on the veterans population in the United States but also in terms of the VA's “fourth mission” function and duties in which it supports efforts in times of national emergencies and disasters, including the COVID-19 pandemic. CRS provided assistance to Congress in understanding VA's fourth mission duties and in how the pandemic was impacting the ability of the VA to provide services to the veterans population under its care.

Presumptive Conditions and Disability Compensation. A topic of interest to Congress during fiscal 2020 was providing veterans’ disability compensation through the expansion of presumptive conditions, particularly to those veterans exposed to Agent Orange, airborne hazards and burn pits. CRS analyzed the process of establishing presumptive eligibility for disability compensation. CRS provided briefings and assistance on multiple pieces of legislation that would remove the “burden of proof” from the veteran to prove service connection, direct the Department of Veterans Affairs (VA) Secretary to enter into new agreements with National Academies of Sciences (NAS) for new studies on connections between specific illnesses and toxic and airborne hazards, and establish reporting requirements for the VA Secretary to submit to Congress. The Service also assisted in preparation for hearings on presumptive disability compensation eligibility by providing analysis of the Veterans Benefits Administration's Annual Benefits Report, legislation introduced in previous Congresses and completed NAS studies.

Veterans’ Benefits. CRS attorneys addressed the legal authority undergirding the VA’s potential role in addressing the COVID-19 pandemic as part of this Fourth Mission, including written products and briefings. Congress also continued to be interested in legal issues related to the range of benefits the VA provides to eligible veterans and their dependents, and CRS attorneys provided frequent consultations and written products to address these questions.

Veterans Health. CRS analysts and information professionals provided assistance to committees and Member offices during the debates leading up to the enactment of legislation to improve mental health care and suicide prevention programs for veterans,
CRS created **30** new products in the area of veterans.

**SELECTED PRODUCTS**

**CRS Reports**
- “Department of Veterans Affairs’ Potential Role in Addressing the COVID-19 Outbreak” (R46280)
- “Federal Response to COVID-19: Department of Veterans Affairs” (R46340)
- “Department of Veterans Affairs: Caregiver Support” (R46282)
- “Department of Veterans Affairs FY2021 Appropriations” (R46459)

**CRS Reports**
- “Veterans Benefits Administration (VBA): Pension Programs” (R46511)
- “Veterans Accredited Representatives: Frequently Asked Questions” (R46428)

**In Focus**
- “Veterans Health Administration: Behavioral Health Services” (IF11378)

**Insight**
- “Delivery of VA Telehealth Services During COVID-19” (IF11554)
- “Expansion of Benefits to Blue Water Navy Vietnam Veterans” (IF11368)
- “Full Practice Authority for VA Registered Nurse Anesthetists (CRNAs) During the COVID-19 Pandemic” (IN11408)
- “CARES Act Economic Impact Payments for Veterans Not Required to File Tax Returns” (IN11375)
- “The National Cemetery Administration and Department of Defense Response to COVID-19 Regarding Funerals and Military Honors” (IN11310)

including the Commander John Scott Hannon Veterans Mental Health Care Improvement Act of 2019 and the Veterans’ Comprehensive Prevention, Access to Care, and Treatment Act of 2020. Additionally, CRS attorneys and analysts assisted committees with oversight of VA’s response to the COVID-19 Pandemic including VA’s “Fourth Mission” to provide care to non-veterans during major national emergencies. CRS published a report tracking the federal response to the pandemic as it relates to VA.
MAJOR POLICY ISSUES

WORKFORCE AND LABOR

Overall labor market performance and federal programs to support workers’ well-being have been of broad and longstanding interest to Congress. CRS provided extensive analytic and technical support to Congress on a wide range of workforce policy issues, including financially-troubled pension plans, workers’ access to paid family leave, and myriad aspects of federal support for apprenticeships and workforce development programs. In the context of the COVID-19 pandemic, CRS provided support for congressional efforts to evaluate the Occupational Safety and Health Act requirements for protections in the workplace, as well as analysis of options that would permit penalty-free access to retirement funds and temporarily suspend the required minimum distribution from retirement accounts. Moreover, CRS provided extensive support related to the development and oversight of expanded Unemployment Insurance benefits. In addition, the Service provided objective analysis of recent labor market patterns and earnings trends.

Employment Trends during COVID-19. The COVID-19 pandemic caused widespread economic disruption, including job loss, and, in response, CRS wrote about the current state of unemployment, projections of how unemployment might change over the next few years and what those changes could mean for the economy. The Service produced analyses of unemployment associated with the pandemic, including monthly updates following the release of employment situation reports from the Department of Labor. CRS conducted additional analyses of the data underlying those employment reports to provide other policy-relevant tabulations of employment and unemployment trends. Analysts also worked with other new and more frequently reported sources of data on employment and economic conditions, such as the Census Bureau’s Household “Pulse” survey and the Homebase data on small business activity. These analyses helped analysts in the Service inform legislation developed to provide individuals and families relief from the economic impact of the pandemic.

OSHA Protections for Employees Affected by COVID-19. From the beginning of the COVID-19 pandemic in the United States, Congress was interested in how the existing worker safety infrastructure could protect employees at risk of workplace exposure to the SARS-CoV-2 virus. The Occupational Safety and Health Administration (OSHA) did not have a specific occupational safety and health standard to cover the airborne or aerosol transmission of diseases in the workplace. The Occupational Safety and Health Administration (OSHA) did not have a specific occupational safety and health standard to cover the airborne or aerosol transmission of diseases in the workplace. CRS provided support to congressional efforts to first encourage, then require through legislation, OSHA to use its authority to promulgate an emergency temporary standard to protect workers from COVID-19 exposure. This CRS support included: information on the applicability of existing OSHA standards and the Occupational Safety and Health Act’s
“general duty clause” to COVID-19; the limited history of OSHA’s use of its emergency temporary standard authority; information, based on the latest available understanding of how COVID-19 was transmitted, on what types of requirements such a standard should include; information on existing and new state occupational safety and health standards relevant to COVID-19; and information on OSHA’s lack of jurisdiction over public employees, such as teachers and others who work in public schools.

**Paid Leave.** In light of COVID-19-related illness among workers, school and daycare closures, and a potentially broad-based increase in the need for caretaking within families, Congress adopted measures to ensure the broader availability of paid leave for workers through the end of calendar year 2020. CRS provided support to Congress as they considered and passed the FFCRA and amendments to that act enacted through the CARES Act. The COVID-19 pandemic and enactment of the FFCRA and the CARES Act resulted in frequent consultation with congressional staff and new written products, which examined the availability of paid sick leave for certain COVID-19 related needs and the FFCRA’s coverage of federal employees. The pandemic generated congressional interest in the availability of premium pay for essential workers, the processing of unemployment claims and the availability of pandemic unemployment assistance. To inform the congressional debate, CRS experts prepared background and analytical reports that provide an overview of paid family and medical leave in the United States, address the availability of such leave and explain the implications of legislative proposals.

**Pensions and IRAs.** CRS experts provided support on a number of private-sector pensions and retirement accounts issues. CRS assisted Congress in understanding provisions in the Setting Every Community Up for Retirement Enhancement (SECURE) Act that affected employer-sponsored pensions and individual retirement accounts (IRAs) and the Bipartisan American Miners Act of 2019. CRS provided ongoing support on the issue of multiemployer defined benefit pension plans and the Pension Benefit Guaranty Corporation’s multiemployer insurance program, both of which face continued financial uncertainty. Following the start of the COVID-19 pandemic, analysts assisted congressional offices in understanding policy options that would permit penalty-free access to retirement funds and suspend the required minimum distribution for 2020. Both of these provisions were ultimately enacted, among other provisions, in the CARES Act.

**Civil Rights.** Congress considered application of civil rights laws in several contexts. For example, in 2020, the Supreme Court ruled in *Bostock v. Clayton County* that Title VII of the 1964 Civil Rights Act’s prohibition on workplace discrimination because of sex covers discrimination against gay and transgender employees. CRS counseled lawmakers on *Bostock’s* implications in the workplace and its impact in areas not covered by Title VII, but addressed by similarly worded antidiscrimination laws. The Service also assisted Congress while it responded to novel and complex legal developments prompted by the COVID-19 pandemic, such as how antidiscrimination laws may inform employers’ treatment of employees at risk of COVID-19, how pandemic exigencies affect laws protecting housing and educational opportunities, and how federal civil rights laws apply to entities that receive federal financial assistance. Attorneys also provided support to Congress on other civil rights issues, including through a comprehensive report and accompanying seminar discussing the history and substance of the 1964 Civil Rights Act.
CRS created 54 new products in the area of workforce and labor.

SELECTED PRODUCTS

**CRS Reports**
- “COVID-19 Liability: Tort, Workplace Safety, and Securities Law” (R46540)
- “The Civil Rights Act of 1964: An Overview” (R46534)
- “Unemployment Rates During the COVID-19 Pandemic: In Brief” (R46554)

**In Focus**
- “The Families First Coronavirus Response Act: Federal Employee Leave” (IF11519)

**Legal Sidebar**
- “COVID-19 and Workplace Liability: Selected Issues Under Antidiscrimination Laws” (LSB10471)
- “COVID-19 and Federal Employment Protections for Work Refusals” (LSB10474)
- “Drug Testing Unemployment Compensation Applicants & the Fourth Amendment” (LSB10354)
- “Foxes, Henhouses, and Pension Plans: Supreme Court Concludes Pensioners Receiving Promised Benefits Can’t Sue for Retirement Plan Mismangement” (LSB10506)
- “Supreme Court Rules Title VII Bars Discrimination Against Gay and Transgender Employees: Potential Implications” (LSB10496)
- “Babb v. Wilkie: The Age Discrimination in Employment Act and Mixed Motives” (LSB10431)

**NOTABLE EVENT**

“Past and Present: The Civil Rights Act of 1964,” a webinar held on Sept. 24, 2020, as part of the Federal Law Update seminar series, considered the development of the Civil Rights Act of 1964 and legal issues arising in the application and enforcement of its provisions addressing discrimination in diverse contexts ranging from voter eligibility to employment to participation in federally funded programs.
The second of CRS’s two directional goals is to:

**Optimize Resource Utilization**

To help CRS realize its vision to be a premier source of research and analysis for the first branch of government, the Service continuously examines its organizational enterprise to ensure that it is properly aligned to meet the needs of Congress. In fiscal 2020, it began or continued several initiatives in the areas of human resources management, communications, data metrics, information technology, knowledge management and outreach.
COMMUNICATIONS

Building on recommendations provided by the Internal Communications Working Group, CRS engaged in a variety of efforts to create a culture of communication, strengthen staff capacity and develop systems for communication. The Service identified ways to ensure the integration of communication planning in major initiatives and in the Service’s regular work. As part of the IRIS information technology modernization effort, CRS continued to develop and implement a comprehensive change management, communication and training initiative, including an internal website, newsletter and other communications. CRS also conducted a user experience evaluation of its staff intranet site in order to ensure that the site continues to be a useful information tool for CRS staff.

DATA METRICS

CRS uses data in a variety of ways, including to assess product output, gauge client usage and reveal trends in policy interests. The Service developed tools to assess the use of CRS products and services and to provide insights on congressional interests. A major area of data collection involved understanding CRS.gov usage by congressional clients. These efforts included the capture and analysis of search terms utilized on CRS.gov and use analysis of general pages on the site, topic pages and CRS products.

Beyond assessment of website use, CRS developed prototype data analytic tools to reflect the scope and depth of CRS service to Congress. These tools were
used by CRS management to anticipate and evaluate work demands, understand the range of clients receiving consultative services and help ensure that CRS reaches all Members and committees. CRS continued to explore new data available from congressional and public use of CRS products, websites and services.

**IT MODERNIZATION AND IRIS**

CRS continues to work with the Library’s Office of the Chief Information Officer (OCIO) to modernize its IT infrastructure with the deployment of new tools and software to enhance support to congressional stakeholders. The Integrated Research and Information System (IRIS) initiative is a multi-year effort to update the Service’s mission-specific information technology to provide CRS staff with the best resources to create and deliver products and services to Congress.

**OUTREACH**

In fiscal 2020, CRS contracted with Gallup, Inc., to conduct a survey of congressional staff designed to gauge the value and utility of various research products and consultative services offered by CRS, as well as to gather information about how such products and services are used by Congress.

CRS also continued digital efforts to strengthen congressional awareness of CRS products and services. By the end of fiscal 2020, the @CRS4Congress Twitter account had 1,230 followers, an eight percent increase over the number of followers at the end of fiscal 2019.
WORKFORCE

CRS implemented work-life flexibilities in response to pandemic-enhanced telework, including flexible schedules and approval of distant telework. The Service's Diversity and Inclusion Working Group provided advice and guidance on the implementation of diversity and inclusion initiatives in the CRS Operations Plan regarding training, communications, recruitment and staff feedback. These efforts included incorporating information about CRS’s diversity and inclusion strategy into the New Employee Orientation; hosting training on anti-harassment; expanding recruitment to incorporate virtual career fairs; and conducting staff feedback sessions on CRS’s recruitment and onboarding processes.

The Service held its annual Staff Appreciation ceremony in a virtual format, celebrating CRS accomplishments in 2020. The Director posthumously bestowed the 13th annual Director’s Award to Susan Grigsby, a human capital management specialist in the Office of Administrative Operations.

CRS also modified its onboarding, training and mentoring programs to support virtual delivery. The Service completed a training evaluation project and implemented enhancements to leadership, presentations and writing training; piloted additional staff recognition options; and adapted internship and Graduate Recruit programs to support virtual work.
APPENDIXES
APPENDIX A. ORGANIZATION CHART

Director

Deputy Director

American Law Division

Domestic Social Policy Division

Foreign Affairs, Defense and Trade Division

Government and Finance Division

Knowledge Services Group

Resources, Science and Industry Division

Administrative Operations

Counselor to the Director

Legislative Information Services

Publishing
LEADERSHIP AND RESEARCH SUPPORT OFFICES

The Office of the Director is headed by Director Mary B. Mazanec, who was nominated by the Librarian of Congress and confirmed by the Joint Committee on the Library of Congress in 2011. Director Mazanec works to advance and fulfill the Service's statutory mission, as well as to define strategic directions, set priorities, supervise the research divisions and research support offices, oversee the multidisciplinary approach to research and analysis in support of Congress, and create and execute the budget. In consultation with the Director, Deputy Director T.J. Halstead is responsible for research and management, formulation and implementation of Service policies, and serving as CRS spokesperson and liaison. Deputy Director Halstead also oversees the Review Office and the Congressional Programs and Communications Office, which are housed in the Office of the Director. The Review Office ensures that the Service meets its congressional clients’ expectations for timely research and analytical support by reviewing all products for accuracy, objectivity and lack of partisan bias. The Congressional Programs and Communications Office coordinates seminars and programs for congressional clients; engages in outreach to Congress; produces multimedia, including video, for clients; and manages media requests, social media, website and internal communication.

The Office of Administrative Operations manages the business operations of the Service and its strategic planning and oversees all human resources management capabilities. It also serves as the Service’s primary liaison to the Library in performing supportive functions or operations and collaborating on strategic human resources issues. The business operations section directs finance and budget, procurement, facilities management and administrative programs— including the coordination of the internal control programs, preparation of the annual budget request, evaluation of resource requirements, and formulation and execution of the fiscal operating plan. The office controls all contracting and procurement actions, as well as the acquisition and distribution of research materials and support for travel and training activities. The office administers payroll, maintains property and workplace security, and manages conference space. The human resources management section provides a comprehensive package of services and programs designed to attract, develop and retain quality talent that can respond to the research and information needs of Congress. The section also employs specific recruitment strategies to maintain a diverse and inclusive workforce, develops training seminars and professional development opportunities for staff, and administers the performance management system.

The Office of Publishing works hand-in-hand with analysts, attorneys, information and technology professionals, to be responsible for the product design, editing, processing and production of CRS products; information architecture and metadata for content on CRS.gov; and the collection, management, publishing and archiving of research.

The Office of Legislative Information Services leads CRS’s efforts on Congress.gov, including producing bill summaries, enhancing the site and related information
services for our clients, and work on supporting the modernization of the Hill-wide exchange of legislative data in collaboration with the House, Senate, Government Publishing Office and the Library.

The Office of the Counselor to the Director examines and defines the range of legal and policy questions and issues that arise from CRS operations, as well as its relationship with Congress, other service units within the Library of Congress and other legislative support agencies. It also serves as the principal legal and policy advisor to the Director, Deputy Director and other senior management officials. The office is responsible for formulating, negotiating, advising and implementing policies and legal positions on matters that emerge from interactions between management and the labor organization. Additionally, the office is responsible for managing the receipt and assignment of congressional requests received by the Congressional Services Section, providing authoritative guidance on policy questions involving sensitive or complex congressional requests, and supporting outreach to congressional clients.

RESEARCH DIVISIONS

The American Law Division provides objective, authoritative and nonpartisan legal analysis and consultation to Members of Congress and their staff on issues of national importance that arise as part of the legislative process or that are otherwise of interest to Congress. Division attorneys advise Congress on its legislative and oversight powers under the Constitution, delineating the limits of federal power over individuals and the states; illuminating challenges to enacted legislation and potential problems with contemplated legislation; and examining constitutional and statutory issues, including the separation of powers, individual rights, federalism and statutory interpretation. Members of Congress and their staff consult with division attorneys on all facets of law in the United States, including administrative, business, civil rights, cybersecurity, energy, environmental, immigration, intellectual property, international, labor, military, national security, procurement, tax and trade law. The division prepares and updates the Constitution of the United States: Analysis and Interpretation, which has served as the nation’s Constitution of record for more than 100 years and which documents for Congress and the public how constitutional interpretations and applications have evolved over time.

The Domestic Social Policy Division offers Congress research and analysis in the broad area of domestic social policies and programs. Issue and legislative areas include: education and training, health care and financing, Social Security, public and private pensions, social welfare programs, nutrition assistance, housing, immigration, drug control, crime and criminal justice, labor and occupational safety, unemployment and workers’ compensation, and other issues related to persons with disabilities, the aged, the poor, children and families, and veterans. Analysts use multiple disciplines in their research, including program and legislative expertise, quantitative methodologies and economic analysis.

The Foreign Affairs, Defense and Trade Division is organized into nine regional and functional sections that follow critical worldwide security and political and economic developments for Congress. These include U.S. relations with individual countries; regional trends; transnational issues such as terrorism, refugees and other humanitarian crises; global health; nonproliferation; and global institutions such as the United Nations. The division also addresses U.S. foreign aid programs and strategies, resource allocations, State Department budget and functions, international debt, public diplomacy and legislation on foreign relations. Research responsibilities include national security policy; military strategy; conflict dynamics; intelligence; U.S. and foreign weapons systems; military operations;
defense acquisition; compensation, health and social issues in the military; the defense budget; cybersecurity in defense and intelligence; the impact of advanced technologies on global security; and U.S. domestic and overseas military bases. The division examines key international economic developments and the roles and responsibilities of international financial institutions in addition to trade-related legislation, policies, programs and U.S. trade performance and investment flows. Attention is also given to trade negotiations and agreements, export promotion, import regulations and tariffs.

The Government and Finance Division focuses on the organization, structure, operations and management of Congress and its support agencies, as well as the appropriations and legislative process and the congressional budget. Among the financial issues covered by the division are banking, financial institutions, insurance, mortgages and securities, taxation, public finance, fiscal and monetary policy, and the public debt. Other research addresses the interaction between taxes and interest rates and macroeconomic policy. Additionally, the division responds to requests on the organization, management and funding of the federal executive and judicial branches, judicial and executive branch nominations, government personnel and the civil service, the presidency and vice presidency, and government information policy and privacy issues. The division is responsible for policy work in the areas of intergovernmental relations and forms of federal aid; federalism, statehood and U.S. territories; economic development, federal planning for and response to emergencies, disasters and acts of terrorism in the United States; the census; reapportionment and redistricting; elections; and campaign finance, lobbying and political parties. Lastly, the division plays a leading role in addressing congressional needs in the area of cybersecurity.

The Knowledge Services Group responds to congressional requests and partners with analysts and attorneys to provide authoritative and reliable information for Congress. KSG’s reference librarians author descriptive reference products and support CRS analysts and Congress by finding solutions for their information needs. The KSG geographical information system (GIS) team provides geospatial analysis and mapping services, and KSG staff also captures, organizes and manages information and data to facilitate future use.

The Resources, Science and Industry Division covers an array of legislative issues for Congress involving natural resources and environmental management, science and technology, and industry and infrastructure. Resources and management work includes policy analysis on the environment; public lands, water and other natural resources issues; agriculture; food; fisheries and energy. Science and technology coverage includes policy analysis of general science and technology issues, civilian and military research and development, information technology and telecommunications, and space and earth sciences. Industry and infrastructure support issues include policy analysis on transportation and related infrastructure, industrial market structure and regulation, and sector-specific industry analysis.
In fiscal 2020, the Service managed $120.5 million in appropriated funds and approximately $550,000 in grant funds. CRS conducted seminars for Members of Congress and their staff with supplemental funding from nonprofit foundations, such as the William and Flora Hewlett Foundation.

Grant funds supported the “117th Congress: Issues and Policy Seminar,” held in February 2020. This all-day program provided congressional staff with an objective and nonpartisan overview of pertinent issues facing the 117th Congress and a forum to discuss those issues with legislative colleagues and CRS experts in a confidential setting. These funds also enabled the Service to host four seminars. Of these programs, CRS conducted an advanced session on legislative process and two seminars as part of the Disruptive Technology Series. Additional in-person programming was planned but moved to webinar format or rescheduled because of the COVID-19 pandemic.

In March 2020, CRS staff began working remotely because of COVID-19. As a result, CRS absorbed $385,000 in costs for items such as additional staff training, supplemental telephone costs and contractor support.
APPENDIX D. NEW PRODUCTS

AGRICULTURE AND FOOD


Agriculture and Related Agencies: FY2020 Appropriations, by Jim Monke. 43 p. (R45974)

Agriculture and Related Agencies: FY2021 Appropriations, by Jim Monke. 31 p. (R46437)

Climate Change Adaptation: U.S. Department of Agriculture, by Genevieve K. Croft, Katie Hoover, Megan Stubbs and Randy Schnepf. 28 p. (R46454)


COVID-19 and USDA Farm Loan Flexibilities, by Jim Monke. 3 p. (IN11415)

COVID-19 Disrupts U.S. Meat Supply; Producer Prices Tumble, by Joel L. Greene. 5 p. (IN11366)

COVID-19-Related Loan Assistance for Agricultural Enterprises, by Robert Jay Dilger, Bruce R. Lindsay and Sean Lowry. 4 p. (IN11357)

COVID-19: Supply Chain Disruptions in the U.S. Fruit and Vegetable Industry: In Brief, by Renée Johnson. 6 p. (R46348)

COVID-19, U.S. Agriculture, and USDA’s Coronavirus Food Assistance Program (CFAP), by Randy Schnepf and Jim Monke. 28 p. (R46347)

Executive Order on the Food Supply Chain and the Defense Production Act: FAQs, by Nina M. Hart. 3 p. (LSB10456)

The Farm Bill Energy Title: An Overview and Funding History, by Kelsi Bracmort. 26 p. (R45943)

Farmer Mac and Its Board Members, by Jim Monke. 2 p. (IF11595)

FDA Regulation of Cannabidiol (CBD) Consumer Products: Overview and Considerations for Congress, by Agata Dabrowska, Victoria R. Green, Renée Johnson and Lisa N. Sacco. 28 p. (R46189)

Federal Assistance to Troubled Industries: Selected Examples, by Baird Webel, Marc Labonte, Bill Canis, Ben Goldman, Jim Monke, Randy Schnepf and Rachel Y. Tang. 27 p. (R46277)

Federal Crop Insurance: Record Prevent Plant (PPL) Acres and Payments in 2019, by Randy Schnepf. 19 p. (R46180)

Food Banks and Other Emergency Feeding Organizations: Federal Aid and the Response to COVID-19, by Kara Clifford Billings, Erica A. Lee and Elizabeth M. Webster. 21 p. (R46432)

Food Safety and COVID-19, by Renée Johnson. 3 p. (IN11453)

Foreign Trade Remedy Investigations of U.S. Agricultural Products, by Anita Regmi, Nina M. Hart and Randy Schnepf. 14 p. (R46263)

FY2020 Appropriations for Agricultural Conservation, by Megan Stubbs. 13 p. (R46011)


Local and Urban Food Systems: Selected Farm Bill and Other Federal Programs, by Renée Johnson, Genevieve K. Croft, Alyssa R. Casey, Kara Clifford Billings, Randy Alison Aussenberg and Jim Monke. 53 p. (R46538)

Major Agricultural Trade Issues in 2020, by Anita Regmi, Tadlock Cowan, Genevieve K. Croft, Joel L. Greene, Renée Johnson and Randy Schnepf. 54 p. (R46242)


The National Bioengineered Food Disclosure Standard: Overview and Select Considerations, by Genevieve K. Croft. 23 p. (R46183)


Pandemic Weakening Milk Prices; Industry Calls for Policy Action, by Joel L. Greene. 4 p. (IN11326)

Reforming the WTO Agreement on Agriculture, by Anita Regmi, Nina M. Hart and Randy Schnepf. 19 p. (R46456)

Relocation of the USDA Research Agencies: NIFA and ERS, by Genevieve K. Croft. 2 p. (IF11527)

Rural Development Provisions in the 2018 Farm Bill (P.L. 115-334), by Alyssa R. Casey. 35 p. (R46235)

School Meals and Other Child Nutrition Programs: Background and Funding, by Kara Clifford Billings. 47 p. (R46234)

Serving Free School Meals through the Community Eligibility Provision (CEP): Background and Participation, by Kara Clifford Billings and Jameson A. Carter. 28 p. (R46371)

Staffing Trends in the USDA Farm Production and Conservation (FPAC) Mission Area, by Megan Stubbs and Jim Monke. 2 p. (IF11452)

“Stage One” U.S.-Japan Trade Agreements, by Brock R. Williams, Cathleen D. Cimino-Isaacs and Anita Regmi. 22 p. (R46140)

Summer Meals for Children: An Overview of Federal Aid, by Kara Clifford Billings. 2 p. (IF11633)

Supplemental Appropriations for Agriculture and Related Agencies Due to COVID-19, by Jim Monke. 2 p. (IF11491)

U.S. Challenges to China’s Farm Policies, by Anita Regmi. 3 p. (IN11469)

U.S.-China Phase I Deal: Agriculture, by Anita Regmi. 2 p. (IF11412)

USDA’s Coronavirus Food Assistance Program (CFAP) Direct Payments, by Randy Schnepf. 18 p. (R46395)


USDA Domestic Food Assistance Programs: FY2020 Appropriations, by Randy Alison Aussenberg and Kara Clifford Billings. 15 p. (R46488)

USDA Rural Development and COVID-19: Supplemental Funding and Agency Actions, by Alyssa R. Casey. 3 p. (IN11391)

USDA’s SECURE Rule to Regulate Agricultural Biotechnology, by Genevieve K. Croft and Tadlock Cowan. 2 p. (IF11573)

U.S. Farm Income Outlook: February 2020 Forecast, by Randy Schnepf. 29 p. (R46249)

U.S. Farm Income Outlook: November 2019 Forecast, by Randy Schnepf. 33 p. (R46132)

U.S. Farm Income Outlook: September 2020 Forecast, by Randy Schnepf. 32 p. (R46539)

U.S. Farm Programs: Eligibility and Payment Limits, by Randy Schnepf and Megan Stubbs. 31 p. (R46248)

U.S. Farm Support: Compliance with WTO Commitments, by Randy Schnepf. 22 p. (R45940)

The following acronyms are used: AST = appropriations product, IF = in focus, IG = infographic, IN = insight, R = report, TE = testimony, WPD = podcast, WPE = seminar, WRE = recorded event, LSB = legal sidebar, and WVB = video brief
U.S. Food and Agricultural Imports: Safeguards and Selected Issues, by Renée Johnson. 49 p. (R46440)

Wildfires and Hurricanes Indemnity Program (WHIP), by Megan Stubbs. 2 p. (IF11539)

APPROPRIATIONS

Advance Appropriations for the Indian Health Service: Issues and Options for Congress, by Elayne J. Heisler and Kate P. McClanahan. 19 p. (R46265)

Agriculture and Related Agencies: FY2020 Appropriations, by Jim Monke. 43 p. (R45974)

Agriculture and Related Agencies: FY2021 Appropriations, by Jim Monke. 31 p. (R46437)

The Annual Sequester of Mandatory Spending through FY2029, by Charles S. Konigsberg. 30 p. (R45941)

Appropriations Process – Webinar, Presenter: James V. Saturno. (WPE11489) (WPE11503) (WPE11531)

Appropriations: Where We Are and Applicable Procedures – Webinar, Presenters: Bill Heniff Jr. and James V. Saturno. (WPE11545)

Army Corps of Engineers: FY2021 Appropriations, by Anna E. Normand and Nicole T. Carter. 2 p. (IF11462)

Budget and Economic Outlook: 2020 to 2030, Presenter: Grant A. Driessen. (WPE11410)

Budget Control Act: Discretionary Caps, Presenters: Megan S. Lynch and Grant A. Driessen. (WVB00306)

Budget Control Act: Overview, Presenters: Megan S. Lynch and Grant A. Driessen. (WVB00305)

Budget Control Act: The Mandatory Spending Sequester, Presenters: Megan S. Lynch and Grant A. Driessen. (WVB00307)

The Bureau of Indian Affairs: FY2021 Appropriations, by Tana Fitzpatrick. 2 p. (IF11602)

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The Defense Community Infrastructure Pilot Program (DCIP): FY2020 Funding and Approved Projects, by G. James Herrera. 4 p. (IN11505)


Department of Housing and Urban Development (HUD): FY2021 Budget Request Fact Sheet, by Alyse N. Minter and Maggie McCarty. 7 p. (R46247)

Department of State, Foreign Operations, and Related Programs: FY2021 Budget and Appropriations, by Cory R. Gill, Marian L. Lawson and Emily M. Morgenstern. 30 p. (R46367)

Department of Veterans Affairs FY2021 Appropriations, by Sidath Viranga Panangala, Jared S. Sussman and Heather M. Salazar. 38 p. (R46459)

DHS Budget Request Analysis: FY2021, by William L. Painter. 34 p. (R46305)

The Diesel Emissions Reduction Act (DERA) Program, by Richard K. Lattanzio and Robert Esworthy. 2 p. (IF11331)


Federal Land Management Agencies’ Mandatory Appropriations Accounts, by Carol Hardy Vincent, Laura B. Comay, R. Eliot Crafton and Katie Hoover. 37 p. (R45994)

Firearms-Related Appropriations Riders, by Mainon A. Schwartz. 2 p. (IF11371)

Foreign Officials Publicly Designated by the U.S. Department of State on Corruption or Human Rights Grounds: A Chronology, by Liana W. Rosen and Michael A. Weber. 9 p. (R46362)

Forest Service: FY2019 and FY2020 Appropriations, by Katie Hoover. 2 p. (IF11416)

Forest Service: FY2021 Appropriations, by Katie Hoover. 2 p. (IF11638)


Fourth COVID-19 Relief Package (P.L. 116-139): In Brief, by William L. Painter, Robert Jay Dilger, Bruce R. Lindsay and Sarah A. Lister. 7 p. (R46325)

Funding for HUD in the CARES Act, by Maggie McCarty, Libby Perl, Katie Jones and Joseph V. Jarosckak. 3 p. (IN11319)


Furloughs Likely If FAST Act and Transportation Appropriations Not Extended by September 30, by Robert S. Kirk. 3 p. (IN11509)


FY2020 Appropriations for Agricultural Conservation, by Megan Stubbs. 13 p. (R46011)


FY2020 Defense Appropriations: Selected Issues Raised by H.R. 2740 (Div. C) and S. 2474, by Pat Towell. 2 p. (IF11340)

FY2020 Disaster Supplemental and Tax Legislation: CRS Experts, by William L. Painter. 3 p. (R46210)


FY2021 Defense Budget Request: An Overview, by Brendan W. McGarry. 6 p. (IN11224)
The following acronyms are used: AST = appropriations product, IF = in focus, IG = infographic, IN = insight, R = report, TE = testimony, WPD = podcast, WPE = seminar, WRE = recorded event, LSB = legal sidebar, and WVB = video brief.
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(CJS), by Keigh E. Hammond and M. Angeles Villarreal. 13 p. (R46512)

 Trafficking in Persons: Child Protection Compacts, by Katarina C. O’Regan. 2 p. (IF11337)

 Transportation, Housing and Urban Development, and Related Agencies (THUD) Appropriations for FY2021: In Brief, by Maggie McCarty and David Randall Peterman. 18 p. (R46465)

 USDA Domestic Food Assistance Programs: FY2020 Appropriations, by Randy Alison Aussenberg and Kara Clifford Billings. 15 p. (R46488)

U.S. Environmental Protection Agency Funding in the CARES Act (P.L. 116-136), by Robert Esworthy. 2 p. (IN11331)

U.S. Environmental Protection Agency FY2021 Appropriations, by Robert Esworthy and David M. Bearden. 2 p. (IF11563)


U.S. Foreign Assistance: Budget Development and Execution, by Nick M. Brown. 2 p. (IF11515)

U.S. Foreign Assistance to Latin America and the Caribbean: FY2021 Appropriations, by Peter J. Meyer and Rachel L. Martin. 26 p. (R46514)

BANKING AND FINANCE

Alternative Data in Financial Services, by Cheryl R. Cooper. 2 p. (IF11630)

Bank and Credit Union Regulators’ Response to COVID-19, by Andrew P. Scott and David W. Perkins. 3 p. (IN11278)

Bank Exposure to COVID-19 Risks: Business Loans, by David W. Perkins and Raj Gnanarajah. 5 p. (IN11348)

Bank Exposure to COVID-19 Risks: Mortgages and Consumer Loans, by David W. Perkins and Raj Gnanarajah. 5 p. (IN11336)

Big Data in Financial Services: Privacy and Security Regulation, by Andrew P. Scott. 4 p. (IN11199)

Business Interruption Insurance and COVID-19, by Diane P. Horn and Baird Webel. 3 p. (IN11295)

Business Interruption Insurance and COVID-19: Federal Legislative Initiatives, by Diane P. Horn and Baird Webel. 3 p. (IN11383)

Business Interruption Insurance and COVID-19: State Legislative Initiatives, by Diane P. Horn and Baird Webel. 3 p. (IN11382)

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Consumer Debt Relief during the COVID-19 Pandemic Webinar, Presenters: Andrew P. Scott and Cheryl R. Cooper. (WPE11582)

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<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Pages</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDIC Proposes Changes to Brokered Deposit Regulation</td>
<td>by David W. Perkins</td>
<td>3 p.</td>
<td>IN11209</td>
</tr>
<tr>
<td>Federal Assistance to Troubled Industries: Selected Examples</td>
<td>by Baird Webel, Marc Labonte, Bill Canis, Ben Goldman, Jim Monke, Randy Schneipf and Rachel Y. Tang.</td>
<td>27 p.</td>
<td>R46277</td>
</tr>
<tr>
<td>Federal Banking Regulator Finalizes Rule on State Usury Laws</td>
<td>by Jay B. Sykes</td>
<td>4 p.</td>
<td>LSB10512</td>
</tr>
<tr>
<td>The Federal Home Loan Bank (FHLB) System and Selected Policy Issues</td>
<td>by Darryl E. Getter</td>
<td>27 p.</td>
<td>R46499</td>
</tr>
<tr>
<td>The Federal Reserve’s Legal Authorities for Responding to the Economic Impacts of COVID-19</td>
<td>by Jay B. Sykes</td>
<td>6 p.</td>
<td>LSB10435</td>
</tr>
<tr>
<td>Federal Reserve: Emergency Lending in Response to COVID-19</td>
<td>by Marc Labonte</td>
<td>3 p.</td>
<td>IN11327</td>
</tr>
<tr>
<td>Federal Reserve: Recent Actions in Response to COVID-19</td>
<td>by Marc Labonte</td>
<td>4 p.</td>
<td>IN11259</td>
</tr>
<tr>
<td>Federal Reserve: Recent Repo Market Intervention</td>
<td>by Marc Labonte</td>
<td>4 p.</td>
<td>IN11176</td>
</tr>
<tr>
<td>Federal Securities Laws: An Overview</td>
<td>by Chris D. Linebaugh, Jay B. Sykes and Nicole Vanatko</td>
<td>2 p.</td>
<td>IF11422</td>
</tr>
<tr>
<td>Financial Inclusion: Access to Bank Accounts</td>
<td>by Cheryl R. Cooper</td>
<td>2 p.</td>
<td>IF11631</td>
</tr>
<tr>
<td>Financial Inclusion and Credit Access Policy Issues</td>
<td>by Cheryl R. Cooper</td>
<td>21 p.</td>
<td>R45979</td>
</tr>
<tr>
<td>Financial Innovation: Central Bank Digital Currencies</td>
<td>by Marc Labonte, Rebecca M. Nelson and David W. Perkins</td>
<td>2 p.</td>
<td>IF11471</td>
</tr>
<tr>
<td>Financial Regulation and the Federal Budget</td>
<td>Presenter: Grant A. Driessen.</td>
<td>WPE11336</td>
<td></td>
</tr>
<tr>
<td>Financial Services for Marijuana Businesses</td>
<td>by David H. Carpenter</td>
<td>2 p.</td>
<td>IF11373</td>
</tr>
<tr>
<td>Fintech: Overview of Financial Regulators and Recent Policy Approaches</td>
<td>by Andrew P. Scott</td>
<td>34 p.</td>
<td>R46333</td>
</tr>
<tr>
<td>Fintech: Overview of Innovative Financial Technology and Selected Policy Issues</td>
<td>by David W. Perkins, Cheryl R. Cooper, Darryl E. Getter, Chris Jaikaran, Marc Labonte, Rena S. Miller, Andrew P. Scott, Gary Shorter, Eva Su and Baird Webel.</td>
<td>40 p.</td>
<td>R46332</td>
</tr>
<tr>
<td>Fiscal and Monetary Policy Initiatives by Major Economies to Address COVID-19</td>
<td>by James K. Jackson</td>
<td>5 p.</td>
<td>IN11477</td>
</tr>
<tr>
<td>The Foreign Corrupt Practices Act (FCPA): An Overview</td>
<td>by Nicole Vanatko</td>
<td>2 p.</td>
<td>IF11588</td>
</tr>
<tr>
<td>The GSEs’ Adverse Market Refinance Fee</td>
<td>by Darryl E. Getter</td>
<td>2 p.</td>
<td>IN11489</td>
</tr>
<tr>
<td>HEROES Act, Division K—COVID-19 Housing, Economic Relief, and Oversight Act</td>
<td>by Rena S. Miller, Michael H. Cecire, Cheryl R. Cooper, Darryl E. Getter, Raj Gnanarajah, Joseph V. Jarosak, Katie Jones, Marc Labonte, Sean Lowry, Maggie McCarty, David W. Perkins, Libby Perl, Andrew P. Scott, Kyle D. Shohfi and Ben Wilhelm.</td>
<td>20 p.</td>
<td>R46434</td>
</tr>
<tr>
<td>Heroes Act (H.R. 6800/H.R. 925): Selected Consumer Loan Provisions</td>
<td>by Cheryl R. Cooper</td>
<td>3 p.</td>
<td>IN11405</td>
</tr>
<tr>
<td>HEROES Act (H.R. 6800): Selected Federal Reserve Provisions</td>
<td>by Marc Labonte</td>
<td>3 p.</td>
<td>IN11404</td>
</tr>
<tr>
<td>How Much Money Remains Under Title IV of the CARES Act?</td>
<td>by Marc Labonte and Andrew P. Scott.</td>
<td>3 p.</td>
<td>IN11512</td>
</tr>
<tr>
<td>The Impact of COVID-19-Related Forbearances on the Federal Mortgage Finance System</td>
<td>by Andrew P. Scott</td>
<td>3 p.</td>
<td>IN11385</td>
</tr>
<tr>
<td>Industrial Loan Companies and Fintech in Banking</td>
<td>by David W. Perkins</td>
<td>2 p.</td>
<td>IF11374</td>
</tr>
</tbody>
</table>
The following acronyms are used: AST = appropriations product, IF = in focus, IG = infographic, IN = insight, R = report, TE = testimony, WPD = podcast, WPE = seminar, WRE = recorded event, LSB = legal sidebar, and WVB = video brief.
Jones, Marc Labonte, Marc Levinson, Maggie McCarty, David W. Perkins, Barbara L. Schuemle, Gary Shorter, Eva Su, Rachel Y. Tang and Ben Wilhelm. 19 p. (R46301)

Treasures and Repo in the Time of COVID-19, by D. Andrew Austin and Rena S. Miller. 4 p. (IN11461)

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COMMERCE AND SMALL BUSINESS

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Business Deductions for Entertainment and Meals, by Donald J. Marples. 2 p. (IN11313)


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The CARES Act: Implications for Tribes, by Mainon A. Schwartz. 2 p. (IF11500)
<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Pages</th>
<th>Report Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARES Act Payroll Support to Air Carriers and Contractors</td>
<td>Rachel Y. Tang</td>
<td>3</td>
<td>IN11482</td>
</tr>
<tr>
<td>Competition Among Video Streaming Services</td>
<td>Clare Y. Cho</td>
<td>15</td>
<td>R46545</td>
</tr>
<tr>
<td>Competition in Digital Markets: Vertical Integration and Acquisitions</td>
<td>Clare Y. Cho</td>
<td>3</td>
<td>IN11462</td>
</tr>
<tr>
<td>Competition on the Edge of the Internet</td>
<td>Clare Y. Cho</td>
<td>15</td>
<td>R46207</td>
</tr>
<tr>
<td>Copyright Act and Communications Act Changes in 2019 Related to Television</td>
<td>Dana A. Scherer</td>
<td>19</td>
<td>R46023</td>
</tr>
<tr>
<td>Coronavirus Aid, Relief, and Economic Security (CARES) Act: CRS Experts</td>
<td>William L. Painter and Diane P. Horn</td>
<td>30</td>
<td>R46299</td>
</tr>
<tr>
<td>The Coronavirus Aid, Relief, and Economic Security (CARES) Act—Tax Relief for Individuals and Businesses</td>
<td>Molly F. Sherlock, Margot L. Crandall-Hollick, Grant A. Driessen, Jane G. Gravelle and Donald J. Marples</td>
<td>17</td>
<td>R46279</td>
</tr>
<tr>
<td>COVID-19 and Broadband: Potential Implications for the Digital Divide</td>
<td>Colby Leigh Rachfal</td>
<td>3</td>
<td>IN11239</td>
</tr>
<tr>
<td>COVID-19 and the Cruise Ship Industry</td>
<td>John Frittelli</td>
<td>3</td>
<td>IN11245</td>
</tr>
<tr>
<td>COVID-19: Digital Contact Tracing and Privacy Law</td>
<td>Eric N. Holmes and Chris D. Linebaugh</td>
<td>6</td>
<td>LSB10511</td>
</tr>
<tr>
<td>COVID-19 Economic Stimulus: Business Payroll Tax Cuts</td>
<td>Molly F. Sherlock and Donald J. Marples</td>
<td>3</td>
<td>IN11260</td>
</tr>
<tr>
<td>COVID-19: Potential Role of Net Operating Loss (NOL) Carrybacks in Addressing the Economic Effects</td>
<td>Mark P. Keightley</td>
<td>3</td>
<td>IN11240</td>
</tr>
<tr>
<td>COVID-19-Related Loan Assistance for Agricultural Enterprises</td>
<td>Robert Jay Dilger, Bruce R. Lindsay and Sean Lowry</td>
<td>4</td>
<td>IN11357</td>
</tr>
<tr>
<td>COVID-19 Relief Assistance to Small Businesses: Issues and Policy Options</td>
<td>Robert Jay Dilger, Bruce R. Lindsay and Sean Lowry</td>
<td>44</td>
<td>R46284</td>
</tr>
<tr>
<td>COVID-19: Selected Federal Resources for Businesses Seeking to Assist with Research and Manufacturing Efforts</td>
<td>Maria Kreiser</td>
<td>4</td>
<td>IN11419</td>
</tr>
<tr>
<td>COVID-19: The Employee Retention Tax Credit</td>
<td>Molly F. Sherlock</td>
<td>3</td>
<td>IN11299</td>
</tr>
<tr>
<td>The Cyberspace Solarium Commission: Illuminating Options for Layered Deterrence</td>
<td>Chris Jaikaran</td>
<td>2</td>
<td>IF11469</td>
</tr>
<tr>
<td>Demand for Broadband in Rural Areas: Implications for Universal Access</td>
<td>Brian E. Humphreys</td>
<td>23</td>
<td>R46108</td>
</tr>
<tr>
<td>Digital Contact Tracing and Data Protection Law</td>
<td>Jonathan M. Gaffney, Eric N. Holmes and Chris D. Linebaugh</td>
<td>42</td>
<td>R46542</td>
</tr>
<tr>
<td>DNS over HTTPS—What Is It and Why Do People Care?</td>
<td>Chris Jaikaran and Patricia Moloney Figliola</td>
<td>3</td>
<td>IN11182</td>
</tr>
<tr>
<td>DOD Concerns About the FCC-Approved Ligado Network</td>
<td>Kelley M. Sayler and John R. Hoehn</td>
<td>3</td>
<td>IN11400</td>
</tr>
<tr>
<td>Employment Tax Incentives to Promote Recovery from the COVID-19 Recession: Policy Options</td>
<td>Gary Guenther and Molly F. Sherlock</td>
<td>4</td>
<td>IN11436</td>
</tr>
<tr>
<td>Expired and Expiring Tax Provisions (“Tax Extenders”): CRS Resources</td>
<td>Jennifer Teefy and Molly F. Sherlock</td>
<td>9</td>
<td>R45967</td>
</tr>
<tr>
<td>Facebook Inc.’s Acquisition of GIPHY: Potential Competition Issues</td>
<td>Clare Y. Cho</td>
<td>3</td>
<td>IN11411</td>
</tr>
<tr>
<td>FCC COVID-19 Telehealth Program and Connected Care Pilot Program: Funding to Assist Health Care Providers and Patients</td>
<td>Victoria L. Elliott</td>
<td>2</td>
<td>IF11553</td>
</tr>
</tbody>
</table>

The following acronyms are used: AST = appropriations product, IF = in focus, IG = infographic, IN = insight, R = report, TE = testimony, WPD = podcast, WPE = seminar, WRE = recorded event, LSB = legal sidebar, and WVB = video brief
FCC Draft Rule Seeks to Limit Space Debris, by Alyssa K. King. 2 p. (IN11342)

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Larger Businesses and COVID-19: Financial Relief and Assistance Resources, by Julie Jennings. 4 p. (IN11368)

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Motor Vehicle Safety: Issues for Congress, by Bill Canis. 29 p. (R46398)

Music Licensing: The ASCAP and BMI Consent Decrees, by Kevin J. Hickey and Dana A. Scherer. 2 p. (IF11463)

Paid Family and Medical Leave in the United States, Presenters: Sarah A. Donovan, Kathryn A. Francis, Barry F. Huston and Molly F. Sherlock. (WVB00290) (WRE00303)

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SBA's Paycheck Protection Program (PPP) Loans and Self-Employed Individuals, by Sean Lowry. 3 p. (IN11341)

SBA EIDL and Emergency EIDL Grants for COVID-19, by Bruce R. Lindsay. 2 p. (IN11370)

SBA Paycheck Protection Program (PPP) Loan Forgiveness: In Brief, by Robert Jay Dilger and Sean Lowry. 10 p. (R46397)
CONGRESSIONAL PROCESS, ADMINISTRATION AND ELECTIONS

- Section 174 and Investment in Research and Development, by Gary Guenther. 3 p. (IN11479)
- The Section 199A Deduction: How It Works and Illustrative Examples, by Gary Guenther. 12 p. (R46402)
- Small Businesses and COVID-19: Relief and Assistance Resources, by Maria Kreiser. 4 p. (IN11301)
- Small Satellite Boom Poses Challenges for Regulators, by Alyssa K. King. 2 p. (IF11382)
- Spectrum Interference Issues: Ligado, the L-Band, and GPS, by Jill C. Gallagher, Alyssa K. King and Clare Y. Cho. 2 p. (IF11558)
- State Broadband Initiatives: Selected State and Local Approaches as Potential Models for Federal Initiatives to Address the Digital Divide, by Colby Leigh Rachfal. 18 p. (R46307)
- Stopping Illegal Robocalls Webinar: Status and Effectiveness of Technical and Regulatory Initiatives, Presenter: Patricia Moloney Figliola. (WPE11518)
- Subsidizing Replacement of Motor Vehicles: An Analysis of “Cash for Clunkers” Programs, by Bill Canis. 18 p. (R46544)
- Targeted Tax Relief for Industries Impacted by the Coronavirus: Selected Policy Issues, by Gary Guenther. 3 p. (IN11263)
- Tax Credit for Paid Sick and Family Leave in the Families First Coronavirus Response Act (H.R. 6201) (Updated), by Molly F. Sherlock. 3 p. (IN11243)
- The Tax Treatment and Economics of Net Operating Losses, by Mark P. Keightley. 10 p. (R46377)
- Tax Treatment of Net Operating Losses (NOLs) in the Coronavirus Aid, Relief, and Economic Security (CARES) Act, by Jane G. Gravelle. 3 p. (IN11296)
- The Universal Service Fund and COVID-19: The FCC and Industry Response, by Angele A. Gilroy. 2 p. (IF11520)
- U.S. Travel and Tourism and COVID-19, by Michaela D. Platzer. 4 p. (IN11325)
- What Is An Autodialer? A Lingering Robocall Enforcement Question, by Eric N. Holmes. 4 p. (LSB10406)

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Congressional Use of Advisory Commissions Following Crises, by Jacob R. Straus and William T. Egar. 2 p. (IF11473)

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Continuing Resolutions: Components and Procedures for Congressional Consideration – Webinar, Presenter: James V. Saturno. (WPE11571)


COVID-19 Congressional Oversight Commission (COC), by Jacob R. Straus and William T. Egar. 3 p. (IN11304)


District of Columbia Statehood and Voting Representation, by Joseph V. Jarosckak. 2 p. (IF11443)

Dynamic Scoring in the Congressional Budget Process, by Megan S. Lynch and Jane G. Gravelle. 14 p. (R46233)


Earth Day: Fact Sheet, by Ben Leubsdorf. 3 p. (R46293)

Election Day: Frequently Asked Questions, by Ben Leubsdorf. 4 p. (R46413)

The Election Infrastructure Subsector: Development and Challenges, by Brian E. Humphreys and Karen L. Shanton. 2 p. (IF11445)


Elections Grant Funding for States: Recent Appropriations and Legislative Proposals, by Karen L. Shanton. 3 p. (IN11508)

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Foreign Agents Registration Act (FARA): Background and Issues for Congress, by Jacob R. Straus. 28 p. (R46435)

Full D.C. Circuit to Consider Whether Committees Can Enforce Congressional Subpoenas in Court, by Kevin M. Lewis. 4 p. (LSB10429)

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House Full Committee Hearings: 107th-115th Congresses, by Christina Miracle Finch. 18 p. (R46376)

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H.Res. 965: Proxy Voting in the House and Remote Committee Proceedings – Webinar, Presenter: Christopher M. Davis. (WPE11550)

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**ENVIRONMENTAL POLICY**


Advance Appropriations for the Indian Health Service: Issues and Options for Congress, by Elayne J. Heisler and Kate P. McClanahan. 3 p. (R46265)

The Bureau of Indian Affairs: FY2021 Appropriations, by Tana Fitzpatrick. 2 p. (IF11602)

Bureau of Land Management: FY2021 Appropriations, by Carol Hardy Vincent. 2 p. (IF11590)

Carbon Capture Versus Direct Air Capture, by Ashley J. Lawson. 2 p. (IF11501)

Carbon Sequestration Legislation in the 116th Congress, by Angela C. Jones. 2 p. (IF11345)

Carbon Storage Requirements in the 45Q Tax Credit, by Angela C. Jones. 2 p. (IF11639)

CARES Act Arts and Cultural Provisions, by Shannon S. Loane. 3 p. (IN11409)

CO2 Underground Injection Regulations: Selected Differences for Enhanced Oil Recovery and Geologic Sequestration, by Angela C. Jones. 2 p. (IF11578)

Contaminants of Emerging Concern under the Clean Water Act, by Laura Gatz. 2 p. (R45998)

Coronavirus Aid, Relief, and Economic Security (CARES) Act: CRS Experts, by William L. Painter and Diane P. Horn. 30 p. (R46299)
COVID-19 and Public Water Service Continuity, by Elena H. Humphreys and Mary Tiemann. 3 p. (IN11338)

COVID-19 and Regulation of Public Drinking Water, by Elena H. Humphreys and Mary Tiemann. 2 p. (IN11283)

COVID-19 and the Indian Health Service, by Elayne J. Heisler. 3 p. (IN11333)

COVID-19: U.S. Environmental Protection Agency Enforcement Discretion Policy, by Robert Esworthy and David M. Bearden. 3 p. (IN11396)

Dam Failure: Overview of Federal Programs and Resources, by Anna E. Normand, Diane P. Horn, Kelsi Bracmort and David M. Bearden. 4 p. (IN11406)

The Diesel Emissions Reduction Act (DERA) Program, by Richard K. Lattanzio and Robert Esworthy. 2 p. (IF11331)

Earth Day: Fact Sheet, by Ben Leubsdorf. 3 p. (R46293)

Environmental Effects of Battery Electric and Internal Combustion Engine Vehicles, by Richard K. Lattanzio and Corrie E. Clark. 37 p. (R46420)


EU Climate Action and Implications for the United States, by Kristin Archick, Jane A. Leggett and Kezee Procita. 2 p. (IF11431)


Executive Order to Accelerate Economic Recovery from COVID-19 Emergency by Expediting Infrastructure Investment, by Linda Luther. 3 p. (IN11426)

Federal Land Management Agencies’ Mandatory Appropriations Accounts, by Carol Hardy Vincent, Laura B. Comay, R. Eliot Crafton and Katie Hoover. 37 p. (R45994)

Federally Supported Projects and Programs for Wastewater, Drinking Water, and Water Supply Infrastructure, by Jonathan L. Ramseur, Tadlock Cowan, Elena H. Humphreys, Julie M. Lawhorn, Anna E. Normand, Charles V. Stern and Megan Stubbs. 46 p. (R46471)

Federal Role in Responding to Potential Risks of Per- and Polyfluoroalkyl Substances (PFAS), by David M. Bearden, Jerry H. Yen, Mary Tiemann and Elena H. Humphreys. 51 p. (R45986)

Forest Carbon Primer, by Katie Hoover and Anne A. Riddle. 29 p. (R46312)

Forest Service: FY2019 and FY2020 Appropriations, by Katie Hoover. 2 p. (IF11416)

Forest Service: FY2021 Appropriations, by Katie Hoover. 2 p. (IF11638)

Hydrofluorocarbons (HFCs): EPA and State Actions, by Kate C. Shouse. 2 p. (IF11541)

Indian Health Service (IHS) FY2021 Budget Request and Funding History: In Brief, by Elayne J. Heisler. 7 p. (R46490)

Injection and Geologic Sequestration of Carbon Dioxide: Federal Role and Issues for Congress, by Angela C. Jones. 31 p. (R46192)

Interior, Environment, and Related Agencies: Overview of FY2021 Appropriations, by Carol Hardy Vincent. 13 p. (R46519)

Judicial Review of Mercury and Air Toxics Regulations, by Kate R. Bowers and Linda Tsang. 2 p. (IF11622)
The Legal Framework of the National Environmental Policy Act, by Nina M. Hart and Linda Tsang. 2 p. (IF11549)

Nature-Based Infrastructure: NOAA's Role, by Eva Lipiec. 11 p. (R46145)

Offshore Energy Agency Appropriations, FY2020, by Laura B. Comay. 2 p. (IF11405)

PFAS (Per- and Polyfluoroalkyl Substances): Federal Actions and Legislation, Presenters: David M. Bearden, Elena H. Humphreys and James D. Werner. (WVB00309) (WRE00319) (WPE11368)


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Uranium Reserve Program Proposal: Policy Implications, by Lance N. Larson. 2 p. (IF11505)

U.S. Environmental Protection Agency (EPA) Water Infrastructure Programs and FY2020 Appropriations, by Elena H. Humphreys and Jonathan L. Ramseur. 2 p. (IF11485)

U.S. Environmental Protection Agency Funding in the CARES Act (P.L. 116-136), by Robert Esworthy. 2 p. (IN11331)

U.S. Environmental Protection Agency FY2021 Appropriations, by Robert Esworthy and David M. Bearden. 2 p. (IF11563)


U.S. Forest Carbon Data: In Brief, by Katie Hoover and Anne A. Riddle. 10 p. (R46313)

U.S. Natural Gas: Becoming Dominant, by Michael Ratner. 18 p. (R45988)

U.S. Natural Gas: Becoming Dominant, Presenter: Michael Ratner. (WVB00316)


Weather and Climate Change: What's the Difference?, by Jane A. Leggett. 2 p. (IF11446)

When One Door Closes, Another One Opens: Supreme Court Ruling Restricts Challenges to CERCLA Cleanup But Could Expand State-Law Claims, by Kate R. Bowers. 5 p. (LSB10513)

Wildlife Trafficking: International Law Enforcement Responses, by Katarina C. O’Regan. 2 p. (IF11605)
### FEDERAL GOVERNMENT OPERATIONS AND RULEMAKING

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
<th>ISBN</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019 California Wildfires: Brief Overview of FEMA Programs and Resources</td>
<td>Elizabeth M. Webster, Bruce R. Lindsay, Diane P. Horn, Natalie Keegan, Eva Lipiec and William L. Painter</td>
<td>4</td>
<td>(IN11191)</td>
</tr>
<tr>
<td>2020 Hurricane Season FAQ: Federal Disaster Assistance for Hurricanes During the COVID-19 Pandemic</td>
<td>Elizabeth M. Webster, Diane P. Horn, Erica A. Lee, Bruce R. Lindsay, William L. Painter and Natalie Keegan</td>
<td>34</td>
<td>(R46385)</td>
</tr>
<tr>
<td>2020 Wildfire Season: Brief Overview of FEMA Programs and Resources</td>
<td>Diane P. Horn, Katie Hoover, Erica A. Lee, Bruce R. Lindsay, Eva Lipiec, William L. Painter and Elizabeth M. Webster</td>
<td>4</td>
<td>(IN11487)</td>
</tr>
<tr>
<td>Agency-Related Nonprofit Research Foundations and Corporations</td>
<td>Marcy E. Gallo, Henry B. Hogue and John F. Sargent Jr.</td>
<td>27</td>
<td>(R46109)</td>
</tr>
<tr>
<td>BIA's New Take on Taking Land into Trust for Indians</td>
<td>M. Maureen Murphy</td>
<td>4</td>
<td>(LSB10460)</td>
</tr>
<tr>
<td>A Brief Overview of FEMA's Public Assistance Program</td>
<td>Erica A. Lee</td>
<td>2</td>
<td>(IF11529)</td>
</tr>
<tr>
<td>CDBG-DR Funding and Oversight: Puerto Rico</td>
<td>Joseph V. Jarosck and Michael H. Cecire</td>
<td>3</td>
<td>(IN11389)</td>
</tr>
<tr>
<td>The Community Development Block Grant’s Disaster Recovery (CDBG-DR) Component: Background and Issues</td>
<td>Michael H. Cecire and Joseph V. Jarosck</td>
<td>20</td>
<td>(R46475)</td>
</tr>
<tr>
<td>Community Development Block Grants and the CARES Act</td>
<td>Joseph V. Jarosck</td>
<td>3</td>
<td>(IN11315)</td>
</tr>
<tr>
<td>Conducting Research on Federal Real Property: A Guide to Selected Resources</td>
<td>Carol Wilson</td>
<td>8</td>
<td>(R46425)</td>
</tr>
<tr>
<td>Congressionally Mandated Reports: Overview and Considerations for Congress</td>
<td>William T. Egar</td>
<td>17</td>
<td>(R46357)</td>
</tr>
<tr>
<td>Congressional Oversight Provisions in P.L. 116-127, the Families First Coronavirus Response Act</td>
<td>Ben Wilhelm</td>
<td>2</td>
<td>(IN11271)</td>
</tr>
<tr>
<td>Congressional Oversight Provisions in the Coronavirus Aid, Relief, and Economic Security (CARES) Act</td>
<td>Ben Wilhelm and William T. Egar</td>
<td>20</td>
<td>(R46315)</td>
</tr>
<tr>
<td>Congressional Oversight Provisions in the Paycheck Protection Program and Health Care Enhancement Act</td>
<td>Ben Wilhelm</td>
<td>2</td>
<td>(IN11363)</td>
</tr>
<tr>
<td>Congressional Use of Advisory Commissions Following Crises</td>
<td>Jacob R. Straus and William T. Egar</td>
<td>2</td>
<td>(IF11473)</td>
</tr>
<tr>
<td>Could the President or Congress Enact a Nationwide Mask Mandate?</td>
<td>Wen W. Shen</td>
<td>4</td>
<td>(LSB10530)</td>
</tr>
<tr>
<td>COVID-19 Alternate Care Sites (ACSs): Role and Activities of the U.S. Army Corps of Engineers</td>
<td>Nicole T. Carter and Hannah Fischer</td>
<td>5</td>
<td>(IN11392)</td>
</tr>
<tr>
<td>COVID-19 and the Indian Health Service, by Elayne J. Heisler</td>
<td>Elayne J. Heisler</td>
<td>3</td>
<td>(IN11333)</td>
</tr>
</tbody>
</table>


COVID-19: Resources for Tracking Federal Spending, by Jennifer Teefy and Maria Kreiser. 4 p. (IN11407)

Dam Failure: Overview of Federal Programs and Resources, by Anna E. Normand, Diane P. Horn, Kelsi Bracmort and David M. Bearden. 4 p. (IN11406)

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The Defense Production Act (DPA) and the COVID-19 Pandemic: Recent Developments and Policy Considerations, by Michael H. Cecire and Heidi M. Peters. 4 p. (IN11337)

Defense Production Act (DPA): Recent Developments in Response to COVID-19, by Michael H. Cecire and Heidi M. Peters. 3 p. (IN11470)

Department of Energy Loan Programs: Tribal Energy Loan Guarantee, by Corrie E. Clark, Mark Holt, Phillip Brown and Raj Gnanarajah. 3 p. (IN11452)


Diversity in the U.S. Department of State Foreign Service: Background and Issues for Congress, by Cory R. Gill. 2 p. (IF11591)


Executive Order 13932 on Assessing and Hiring Job Candidates in Federal Agencies, by Taylor N. Riccard. 3 p. (IN11490)

Executive Order on the Food Supply Chain and the Defense Production Act: FAQs, by Nina M. Hart. 3 p. (LSB10456)

Executive Privilege and Individuals outside the Executive Branch, by Ben Wilhelm. 3 p. (IN1177)

Federal Executive Agencies: Hiring Flexibilities for Emergency Situations, by Barbara L. Schwemle. 2 p. (IF11468)


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Federal Role in Responding to Potential Risks of Per- and Polyfluoroalkyl Substances (PFAS), by David M. Bearden, Jerry H. Yen, Mary Tiemann and Elena H. Humphreys. 51 p. (R45986)

FEMA’s Community Disaster Loan (CDL) Program: A Primer, by Michael H. Cecire. 2 p. (IF11600)

FEMA Individual Assistance Programs: An Overview, by Elizabeth M. Webster. 14 p. (R46014)
Flooding Events: CRS Experts, by Diane P. Horn and Peter Folger. 3 p. (R46453)

Food Banks and Other Emergency Feeding Organizations: Federal Aid and the Response to COVID-19, by Kara Clifford Billings, Erica A. Lee and Elizabeth M. Webster. 21 p. (R46432)

Forecasting Tropical Cyclones: Overview and Issues for Congress, by Eva Lipiec. 45 p. (R46416)

The Freedom of Information Act (FOIA), by Daniel J. Sheffner. 2 p. (IG10019)

The Freedom of Information Act (FOIA): A Legal Overview, by Daniel J. Sheffner. 57 p. (R46238)

Freedom of Information Act (FOIA) Processing Changes Due to COVID-19: In Brief, by Kathleen E. Marchsteiner and Meghan M. Stuessy. 8 p. (R46292)

Funding for Firefighters for COVID-19 Response, by Jill C. Gallagher and Brian E. Humphreys. 2 p. (IF11507)

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The Hatch Act: A Primer, by Whitney K. Novak. 2 p. (IF11512)

Hurricane Events: CRS Experts, by Bruce R. Lindsay and Peter Folger. 3 p. (R46408)

Judicial Review of Mercury and Air Toxics Regulations, by Kate R. Bowers and Linda Tsang. 2 p. (IF11622)

Legal Issues Related to the COVID-19 Outbreak: An Overview, by Caitlair Devereaux Lewis. 5 p. (LSB10433)

Mashpee Wampanoag v. Bernhardt: A Tale of Two Definitions of “Indian,” by M. Maureen Murphy. 4 p. (LSB10533)

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Natural Disasters and Hazards: CRS Experts, by Bruce R. Lindsay and Peter Folger. 6 p. (R46438)

The Office of Federal Financial Management: An Overview, by Dominick A. Fiorentino. 2 p. (IF11620)

Oversight Provisions in H.R. 6074, the Coronavirus Preparedness and Response Supplemental Appropriations Act, by Ben Wilhelm. 3 p. (IN11236)


The Pandemic Response Accountability Committee: Organization and Duties, by Ben Wilhelm. 3 p. (IN11343)

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Potential FEMA Emergency Sheltering Options During the COVID-19 Pandemic, by Elizabeth M. Webster and Erica A. Lee. 3 p. (IN11440)

Potential Land and Natural Resources Policy Implications of McGirt v. Oklahoma, by Tana Fitzpatrick. 3 p. (IN11486)

Presidential Appointments to Full-Time Positions on Regulatory and Other Collegial Boards and Commissions, 115th Congress, by Kathleen E. Marchsteiner. 45 p. (R46317)

Presidential Declarations of Emergency for COVID-19: NEA and Stafford Act, by L. Elaine Halchin and Elizabeth M. Webster. 4 p. (IN11264)

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Presidential Removal of IGs Under the Inspector General Act, by Todd Garvey. 4 p. (LSB10476)

President Trump’s Executive Actions on Student Loans, Wage Assistance, Payroll Taxes, and Evictions: Initial Takeaways, by Kevin M. Lewis, Sean M. Stiff and Jay B. Sykes. 6 p. (LSB10532)

Reauthorization of the National Flood Insurance Program, Presenters: Diane P. Horn and Baird Webel. (WVB00303) (WRE00317) (WPE11364) (WPE11365)

Removal of Inspectors General: Rules, Practice, and Considerations for Congress, by Ben Wilhelm. 2 p. (IF11546)

Repairs and Alterations Backlog at the General Services Administration, by Garrett Hatch. 14 p. (R46410)

Resources for Tracking Federal COVID-19 Spending, by Jennifer Teefy and Maria Kreiser. 4 p. (R46491)

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SBA Economic Injury Disaster Loans for COVID-19, by Bruce R. Lindsay. 2 p. (IN11232)

SBA EIDL and Emergency EIDL Grants: Data by State, by Bruce R. Lindsay and Maura Mullins. 4 p. (IN11379)

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Special Inspector General for Pandemic Recovery: Responsibilities, Authority, and Appointment, by Ben Wilhelm. 3 p. (IN11328)

Stafford Act Assistance for Public Health Incidents, by Bruce R. Lindsay and Erica A. Lee. 4 p. (IN11229)

Stafford Act Declarations for COVID-19 FAQ, by Elizabeth M. Webster, Erica A. Lee and William L. Painter. 31 p. (R46326)

The Stafford Act Emergency Declaration for COVID-19, by Erica A. Lee, Bruce R. Lindsay and Elizabeth M. Webster. 4 p. (IN11251)

Sunshine Week: Selected Issues for Congress, by Meghan M. Stuessy. 3 p. (IN11237)

Supplemental Appropriations: SBA Disaster Loan Account, by Bruce R. Lindsay, Robert Jay Dilger and Jared C. Nagel. 3 p. (IN11433)

Tallying Federal Funding for COVID-19: In Brief, by William L. Painter. 11 p. (R46449)

Telework in Executive Agencies: Background, OPM Guidance, and 116th Congress Legislation Following Coronavirus, by Barbara L. Schwemle. 2 p. (IF11454)
This Land Is Whose Land? The McGirt v. Oklahoma Decision and Considerations for Congress, by Mainon A. Schwartz. 5 p. (LSB10527)

Tracing Federal Regulations, Presenter: Elizabeth Osborne. (WPE11482)

Tracing Federal Regulations – Webinar. Presenters: Elizabeth Osborne and Barbara Bavis. (WPE11447) (WPE11520) (WPE11535) (WPE11556)

Tribal Energy Resource Agreements (TERAs): Approval Process and Selected Issues for Congress, by Tana Fitzpatrick. 28 p. (R46446)

Trump Administration Releases Spring 2020 Unified Agenda, by Maeve P. Carey. 2 p. (IN11451)

Trump v. Mazars: Implications for Congressional Oversight, by Todd Garvey. 6 p. (LSB10517)

Uncharted Waters: Navigating the Supreme Court’s New Clean Water Act Permitting Test, by Linda Tsang. 5 p. (LSB10528)

U.S. Government Procurement and International Trade, by Andres B. Schwarzenberg. 2 p. (IF11580)

U.S. Postal Service Financial Condition and Title VI of the CARES Act, by Meghan M. Stuessy and Raj Gnanarajah. 3 p. (IN11384)

Veto Threats and Vetoes in the George W. Bush and Obama Administrations, by Meghan M. Stuessy. 15 p. (R46338)

Voluntary Testimony by Executive Branch Officials: An Introduction, by Ben Wilhelm. 8 p. (R46061)

Wildfires and Hurricanes Indemnity Program (WHIP), by Megan Stubbs. 2 p. (IF11539)

Workplace Leave and Unemployment Insurance for Individuals Affected by COVID-19, by Julie M. Whittaker, Katelin P. Isaacs and Sarah A. Donovan. 4 p. (IN11233)

WTO Agreement on Government Procurement (GPA), by Andres B. Schwarzenberg. 2 p. (IF11651)

The 2019 Supreme Court Term: Implications for Congress, Presenter: Valerie C. Brannon. (WVB00317)

Administrative Law Reform Legislation in the 116th Congress, by Daniel J. Sheffner. 5 p. (LSB10523)

Agency Discretion to Manage Appropriated Funds: The WHO Funding Announcement, by Sean M. Stiff. 5 p. (LSB10466)

Applicability of Federal Civil Rights Laws to Recipients of CARES Act Loans, by Jared P. Cole. 5 p. (LSB10459)

An Army of Many: Veterans’ Benefits Class Actions in the U.S. Court of Appeals for Veterans Claims, by Jonathan M. Gaffney. 7 p. (LSB10376)

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Border Barrier Litigation: Open Questions for Department of Defense Transfer Authority, by Sean M. Stiff. 5 p. (LSB10522)

Campaign Finance Law: Disclosure and Disclaimer Requirements for Political Campaign Advertising, by L. Paige Whitaker. 2 p. (IF11398)

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### APPENDIXES

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
<th>Reviewed by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can Mass Shooting Victims Sue the United States?</td>
<td>Kevin M. Lewis</td>
<td>4</td>
<td>(LSB10355)</td>
</tr>
<tr>
<td>Can the United States Sue China over COVID-19 in an International Court?</td>
<td>Stephen P. Mulligan</td>
<td>5</td>
<td>(LSB10525)</td>
</tr>
<tr>
<td>The CASE Act of 2019: Establishing a Small-Claims Process for Copyright Disputes</td>
<td>Kevin J. Hickey</td>
<td>6</td>
<td>(LSB10367)</td>
</tr>
<tr>
<td>The Changing Landscape of Immigrant Investment Programs</td>
<td>Jennifer M. Roscoe</td>
<td>2</td>
<td>(IF11344)</td>
</tr>
<tr>
<td>The Civil Rights Act of 1964: An Overview</td>
<td>Christine J. Back</td>
<td>104</td>
<td>(R46534)</td>
</tr>
<tr>
<td>Confirmation of U.S. Circuit and District Court Nominations During Presidential Election Years: Frequently Asked Questions</td>
<td>Barry J. McMillion</td>
<td>22</td>
<td>(R46533)</td>
</tr>
<tr>
<td>Congress’s Power Over Appropriations: A Primer</td>
<td>Sean M. Stiff</td>
<td>2</td>
<td>(IF11577)</td>
</tr>
<tr>
<td>Congress’s Power Over Appropriations: Constitutional and Statutory Provisions</td>
<td>Sean M. Stiff</td>
<td>64</td>
<td>(R46417)</td>
</tr>
<tr>
<td>Congressional Access to Information in an Impeachment Investigation</td>
<td>Todd Garvey</td>
<td>37</td>
<td>(R45983)</td>
</tr>
<tr>
<td>The Congressional Accountability Act of 1995 Reform Act: An Overview</td>
<td>Christine J. Back</td>
<td>5</td>
<td>(LSB10384)</td>
</tr>
<tr>
<td>Congress, the Judiciary, and Civil and Criminal Procedure</td>
<td>Joanna R. Lampe</td>
<td>2</td>
<td>(IF11557)</td>
</tr>
<tr>
<td>Constitutional Considerations of Remote Voting In Congress</td>
<td>Todd Garvey</td>
<td>5</td>
<td>(LSB10447)</td>
</tr>
<tr>
<td>Copyright and State Sovereign Immunity: The Allen v. Cooper Decision</td>
<td>Kevin J. Hickey</td>
<td>4</td>
<td>(LSB10465)</td>
</tr>
<tr>
<td>Court Invalidates Louisiana Admitting Privileges Law</td>
<td>Jon O. Shimabukuro</td>
<td>5</td>
<td>(LSB10518)</td>
</tr>
<tr>
<td>Court Revisits Abortion and Hospital Admitting-Privileges Requirement</td>
<td>Jon O. Shimabukuro</td>
<td>3</td>
<td>(LSB10414)</td>
</tr>
<tr>
<td>The Courts and COVID-19</td>
<td>Joanna R. Lampe</td>
<td>4</td>
<td>(LSB10437)</td>
</tr>
<tr>
<td>COVID-19 Medical Countermeasures: Intellectual Property and Affordability</td>
<td>Kevin J. Hickey</td>
<td>5</td>
<td>(LSB10422)</td>
</tr>
<tr>
<td>COVID-19 Response: Constitutional Protections for Private Property</td>
<td>Sean M. Stiff</td>
<td>5</td>
<td>(LSB10434)</td>
</tr>
<tr>
<td>The Death of Justice Ruth Bader Ginsburg: Initial Considerations for Congress</td>
<td>Valerie C. Brannon, Michael John Garcia and Caitlain Devereaux Lewis</td>
<td>7</td>
<td>(LSB10537)</td>
</tr>
<tr>
<td>The Death of Justice Ruth Bader Ginsburg: Procedural Issues on an Eight-Justice Court</td>
<td>Caitlain Devereaux Lewis</td>
<td>10</td>
<td>(R46550)</td>
</tr>
<tr>
<td>Digital Contact Tracing and Data Protection Law</td>
<td>Jonathan M. Gaffney, Eric N. Holmes and Chris D. Linebaugh</td>
<td>42</td>
<td>(R46542)</td>
</tr>
<tr>
<td>Digital Millennium Copyright Act (DMCA) Safe Harbor Provisions for Online Service Providers: A Legal Overview</td>
<td>Kevin J. Hickey</td>
<td>2</td>
<td>(IF11478)</td>
</tr>
<tr>
<td>District Court Rejects DOI’s Ban on Tribes’ Re-petitioning for Federal Recognition</td>
<td>M. Maureen Murphy</td>
<td>3</td>
<td>(LSB10411)</td>
</tr>
</tbody>
</table>

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155
Margesson, Sara M. Tharakan, Tiaji Salaam-Blyther, John W. Rollins and Luisa Blanchfield. (WPE11506)

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<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Pages</th>
<th>ISBN/Ref Code</th>
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<tbody>
<tr>
<td>FY2020 Refugee Ceiling and Allocations, by Andorra Bruno</td>
<td>3 p. (IN11196)</td>
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<td>3 p. (R46408)</td>
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<td>7 p. (R46218)</td>
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<td>Immigration Arrests in the Interior of the United States: A Brief Primer, by Hillel R. Smith</td>
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<td>3 p. (IN11217)</td>
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<td>Immigration: Public Charge, by Abigail F. Kolker</td>
<td>2 p. (IF11467)</td>
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<td>16 p. (R46012)</td>
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Introduction to Legislative Research, Presenter: Ann Hemmens. (WPE11356) (WPE11379) (WPE11380) (WPE11452) (WPE11481)

Introduction to Legislative Research – Webinar, Presenter: Ann Hemmens. (WPE11516) (WPE11533) (WPE11555) (WPE11574)

Orientation for Interns and Volunteers, Presenter: Patrice M. George. (WPE11339) (WPE11340) (WPE11341) (WPE11342) (WPE11343) (WPE11344) (WPE11382) (WPE11383) (WPE11384) (WPE11385) (WPE11386) (WPE11396) (WPE11441) (WPE11448) (WPE11449) (WPE11450) (WPE11465) (WPE11467) (WPE11468)

SCIENCE AND TECHNOLOGY

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- **Summary of the 2020 Recovery Rebates/Economic Impact Payments in the CARES Act (P.L. 116-136)**, by Margot L. Crandall-Hollick. 5 p. (IN11282)
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### CRS ANNUAL REPORT FISCAL YEAR 2020
- **APPENDICES**

### The Federal Home Loan Bank (FHLB) System and Selected Policy Issues
- **Federal Home Loan Bank (FHLB) System and Selected Policy Issues**, by Darryl E. Getter. 27 p. (R46499)

### Federal Housing Policy Responses to COVID-19
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Potential Impacts of Direct Payments on Family
Incomes, by Conor F. Boyle and Jameson A. Carter. 3 p.
(IN11261)

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<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Pages</th>
<th>Collection Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID-19: U.S.-China Economic Considerations</td>
<td>Karen M. Sutter and Michael D. Sutherland</td>
<td>2</td>
<td>IF11434</td>
</tr>
<tr>
<td>The Dollar and the U.S. Trade Deficit</td>
<td>James K. Jackson</td>
<td>2</td>
<td>IF11430</td>
</tr>
<tr>
<td>Enforcing International Trade Obligations in USMCA</td>
<td>Nina M. Hart</td>
<td>2</td>
<td>IF11399</td>
</tr>
<tr>
<td>Expired Authority?: Federal Court Suggests Some Limits to the President’s Authority to Impose Tariffs</td>
<td>Brandon J. Murrill</td>
<td>4</td>
<td>LSB10372</td>
</tr>
<tr>
<td>Export Restrictions in Response to the COVID-19 Pandemic</td>
<td>Christopher A. Casey and Cathleen D. Cimino-Isaacs</td>
<td>2</td>
<td>IF11551</td>
</tr>
<tr>
<td>Financial Innovation: Central Bank Digital Currencies</td>
<td>Marc Labonte, Rebecca M. Nelson and David W. Perkins</td>
<td>2</td>
<td>IF11471</td>
</tr>
<tr>
<td>Foreign Trade Remedy Investigations of U.S. Agricultural Products</td>
<td>Anita Regmi, Nina M. Hart and Randy Schnepf</td>
<td>14</td>
<td>R46263</td>
</tr>
<tr>
<td>Generalized System of Preferences (GSP): 2019 Overview</td>
<td>Liana Wong</td>
<td>1</td>
<td>IG10018</td>
</tr>
<tr>
<td>Global Economic Effects of COVID-19</td>
<td>James K. Jackson, Martin A. Weiss, Andres B. Schwarzenberg and Rebecca M. Nelson</td>
<td>118</td>
<td>R46270</td>
</tr>
<tr>
<td>Global Economic Growth Forecasts: Impact of COVID-19</td>
<td>James K. Jackson</td>
<td>3</td>
<td>IN11493</td>
</tr>
<tr>
<td>Intellectual Property Violations and China: Legal Remedies</td>
<td>Kevin J. Hickey, Nina M. Hart, Brandon J. Murrill and Kevin T. Richards</td>
<td>55</td>
<td>R46532</td>
</tr>
<tr>
<td>Internet Regimes and WTO E-Commerce Negotiations</td>
<td>Rachel F. Fefer</td>
<td>26</td>
<td>R46198</td>
</tr>
<tr>
<td>The Legal Basis for the U.S.-China “Phase One” Agreement and Implications for Implementation</td>
<td>Nina M. Hart</td>
<td>3</td>
<td>LSB10403</td>
</tr>
<tr>
<td>Libra: A Facebook-led Cryptocurrency Initiative</td>
<td>Rebecca M. Nelson and David W. Perkins</td>
<td>3</td>
<td>IN11183</td>
</tr>
<tr>
<td>Major Agricultural Trade Issues in 2020</td>
<td>Anita Regmi, Tadlock Cowan, Genevieve K. Croft, Joel L. Greene, Renée Johnson and Randy Schnepf</td>
<td>54</td>
<td>R46242</td>
</tr>
<tr>
<td>Medical Supply Chains and Policy Options: The Data Challenge</td>
<td>Andres B. Schwarzenberg and Karen M. Sutter</td>
<td>2</td>
<td>IF11648</td>
</tr>
<tr>
<td>Oil Market Effects from U.S. Economic Sanctions: Iran, Russia, Venezuela</td>
<td>Phillip Brown</td>
<td>34</td>
<td>R46213</td>
</tr>
<tr>
<td>Presidential Authority to Address Tariff Barriers in Trade Agreements Under Section 103(a)</td>
<td>Christopher A. Casey and Brandon J. Murrill</td>
<td>2</td>
<td>IF11400</td>
</tr>
<tr>
<td>Recent Presidential Trade Actions Affecting the U.S. Power Grid</td>
<td>Christopher A. Casey, Rachel F. Fefer and Brian E. Humphreys</td>
<td>3</td>
<td>IN11401</td>
</tr>
<tr>
<td>Reforming the WTO Agreement on Agriculture</td>
<td>Anita Regmi, Nina M. Hart and Randy Schnepf</td>
<td>19</td>
<td>R46456</td>
</tr>
<tr>
<td>The Regional Comprehensive Economic Partnership: Status and Recent Developments</td>
<td>Cathleen D. Cimino-Isaacs and Michael D. Sutherland</td>
<td>4</td>
<td>IN11200</td>
</tr>
<tr>
<td>Revoking Hong Kong’s Preferential Trade Status: Legal Framework and Implications</td>
<td>Nina M. Hart</td>
<td>4</td>
<td>LSB10488</td>
</tr>
<tr>
<td>Section 301 Investigations: Foreign Digital Services Taxes (DSTs)</td>
<td>Andres B. Schwarzenberg</td>
<td>2</td>
<td>IF11564</td>
</tr>
<tr>
<td>Section 301 of the Trade Act of 1974</td>
<td>Andres B. Schwarzenberg</td>
<td>2</td>
<td>IF11346</td>
</tr>
<tr>
<td>Section 301: Tariff Exclusions on U.S. Imports from China</td>
<td>Andres B. Schwarzenberg</td>
<td>2</td>
<td>IF11582</td>
</tr>
<tr>
<td>Title</td>
<td>Author(s)</td>
<td>Pages (IF)</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>Section 307 and Imports Produced by Forced Labor</td>
<td>Christopher A. Casey, Cathleen D. Cimino-Isaacs and Katarina C. O'Regan</td>
<td>2 (IF11360)</td>
<td></td>
</tr>
<tr>
<td>Selecting a New WTO Director-General: Implications for the Global</td>
<td>Cathleen D. Cimino-Isaacs</td>
<td>4 (IN11463)</td>
<td></td>
</tr>
<tr>
<td>Trading System</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>“Stage One” U.S.-Japan Trade Agreements. Presenters: Anita Regmi,</td>
<td>Brock R. Williams and Cathleen D. Cimino-Isaacs</td>
<td>(WPE11407)</td>
<td></td>
</tr>
<tr>
<td>Brock R. Williams and Cathleen D. Cimino-Isaacs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>“Steel” Subject to Tariffs: Federal Circuit Upholds</td>
<td>Brandon J. Murrill</td>
<td>4 (LSB10421)</td>
<td></td>
</tr>
<tr>
<td>Constitutionality of Section 232</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temporary Deferral of Import Duty Payments, by Christopher A. Casey</td>
<td>Vivian C. Jones</td>
<td>3 (IN11371)</td>
<td></td>
</tr>
<tr>
<td>and Vivian C. Jones</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tracking China’s Global Economic Activities: Data Challenges and</td>
<td>Andres B. Schwarzenberg</td>
<td>16 (R46302)</td>
<td></td>
</tr>
<tr>
<td>Issues for Congress</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade-Related Agencies: FY2020 Appropriations, Commerce, Justice,</td>
<td>Keigh E. Hammond and M. Angeles Villarreal</td>
<td>15 (R46272)</td>
<td></td>
</tr>
<tr>
<td>Science, and Related Agencies (CJS), by Keigh E. Hammond and M.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angeles Villarreal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade-Related Agencies: FY2021 Appropriations, Commerce, Science,</td>
<td>Keigh E. Hammond and M. Angeles Villarreal</td>
<td>13 (R46512)</td>
<td></td>
</tr>
<tr>
<td>Justice, and Related Agencies (CJS), by Keigh E. Hammond and M.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angeles Villarreal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Remedies: Antidumping, by Christopher A. Casey</td>
<td></td>
<td>25 (R46296)</td>
<td></td>
</tr>
<tr>
<td>Treasuries and Repo in the Time of COVID-19, by D. Andrew Austin and</td>
<td>Rena S. Miller</td>
<td>4 (IN11461)</td>
<td></td>
</tr>
<tr>
<td>Renata S. Miller</td>
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<td>Treasury’s Exchange Stabilization Fund and COVID-19, by Marc Labonte,</td>
<td>Baird Webel and Martin A. Weiss</td>
<td>2 (IF11474)</td>
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<td>Marc Labonte, Baird Webel and Martin A. Weiss</td>
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<tr>
<td>United States-Mexico-Canada Agreement (USMCA / NAFTA 2.0), Presenters:</td>
<td>Ian F. Fergusson, M. Angeles Villarreal and Cathleen D. Cimino-Isaacs</td>
<td>(WRE00314)</td>
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<tr>
<td>Ian F. Fergusson, M. Angeles Villarreal and Cathleen D. Cimino-Isaacs</td>
<td>WVB00300</td>
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<tr>
<td>U.S. Challenges to China’s Farm Policies, by Anita Regmi</td>
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<td>3 (IN11469)</td>
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<td>U.S.-China Phase I Deal: Agriculture, by Anita Regmi</td>
<td></td>
<td>2 (IF11412)</td>
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<td>U.S.-China Tariff Actions by the Numbers, by Brock R. Williams and</td>
<td>Keigh E. Hammond</td>
<td>10 (R45949)</td>
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<td>Martin A. Weiss</td>
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<td>Keigh E. Hammond</td>
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<tr>
<td>U.S.-EU Trade Agreement Negotiations: Trade in Food and Agricultural</td>
<td>Renée Johnson and Andres B. Schwarzenberg</td>
<td>23 (R46241)</td>
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<tr>
<td>Products, by Renée Johnson and Andres B. Schwarzenberg</td>
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<tr>
<td>U.S. Export Control Reforms and China: Issues for Congress, by Ian F.</td>
<td>Karen M. Sutter</td>
<td>2 (IF11627)</td>
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<td>Fergusson and Karen M. Sutter</td>
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<tr>
<td>U.S. Farm Support: Compliance with WTO Commitments, by Randy Schnepf</td>
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<td>22 (R45940)</td>
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<td>U.S. Foreign-Trade Zone (FTZ) Program, by Liana Wong</td>
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<td>2 (IF11348)</td>
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<tr>
<td>U.S. Government Procurement and International Trade, by</td>
<td>Andres B. Schwarzenberg</td>
<td>2 (IF11580)</td>
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<td>Andres B. Schwarzenberg</td>
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<td>U.S. International Development Finance Corporation (DFC), by Shayerah</td>
<td>Ilias Akhtar and Nick M. Brown</td>
<td>2 (IF11436)</td>
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<td>Ilias Akhtar and Nick M. Brown</td>
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<td>U.S.-Kenya FTA Negotiations, by Brock R. Williams and Lauren Ploch</td>
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<td>2 (IF11526)</td>
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<td>USMCA: A Legal Interpretation of the Panel-Formation Provisions and</td>
<td>Nina M. Hart</td>
<td>2 (IF11418)</td>
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<td>the Question of Panel Blocking, by Nina M. Hart</td>
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<td>USMCA: Amendment and Key Changes, by M. Angeles Villarreal and Ian F.</td>
<td>Fergusson</td>
<td>2 (IF11391)</td>
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<td>USMCA: Implementation and Considerations for Congress, by Nina M.</td>
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<td>4 (LSB10399)</td>
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<td>USMCA: Motor Vehicle Provisions and Issues, by M. Angeles Villarreal</td>
<td>Bill Canis and Liana Wong</td>
<td>2 (IF11387)</td>
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OSHA Jurisdiction Over Public Schools and Other State and Local Government Entities, by Scott D. Szymendera. 2 p. (IF11619)

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Architect of the Capital
Pages 4 (Senate Fountain), 34 (Dirksen Building Detail), 86 (Cannon Rotunda), 189 (Jefferson Building)

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