

# Artificial Intelligence: CRS Products

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Advances in artificial intelligence (AI) technologies—including machine learning, generative AI, and facial recognition technologies—are demonstrating many potential benefits across a variety of sectors of the U.S. economy. At the same time, the rapid innovation and proliferation of AI tools have generated concern over their potential disruptive effects, such as generation and dissemination of misinformation, potential shifts in jobs and employment opportunities, and social, ethical, and security risks. The 118<sup>th</sup> Congress has considered a variety of policies and legislation associated with AI technologies and their applications. Given the growing interest in AI, Members of subsequent Congresses may continue to engage in AI policymaking. To assist Congress, CRS has produced a range of written and audiovisual products. Below is a selection of CRS products on AI-related policy and legal issues, legislation, and executive branch actions.

## Selected AI CRS Products

### AI Overview

CRS Video WVB00685, *Science and Technology Q&A: Regulating Artificial Intelligence* (or, in podcast form, CRS Report WPD00096, *Science and Technology Q&A: Regulating Artificial Intelligence*)

CRS Video WVB00650, *Current Issues in Artificial Intelligence*

CRS Video WVB00615, *Artificial Intelligence: Recent Advances and Issues for Congress*

CRS Report R47644, *Artificial Intelligence: Overview, Recent Advances, and Considerations for the 118<sup>th</sup> Congress*

CRS Report WPD00050, *CRS Science and Technology Podcast: Artificial Intelligence*

CRS Report R46795, *Artificial Intelligence: Background, Selected Issues, and Policy Considerations*

### Generative AI

CRS Legal Sidebar LSB11097, *Section 230 Immunity and Generative Artificial Intelligence*

CRS Legal Sidebar LSB10922, *Generative Artificial Intelligence and Copyright Law*

**Congressional Research Service**

<https://crsreports.congress.gov>

IN12458

CRS In Focus IF12426, *Generative Artificial Intelligence: Overview, Issues, and Questions for Congress*

CRS Report R47569, *Generative Artificial Intelligence and Data Privacy: A Primer*

CRS Video WVB00580, *Copyright Law and Generative Artificial Intelligence*

CRS Video WVB00554, *Science and Technology Q&A: Generative AI and Data Privacy*

## **AI Executive Order**

CRS Report R47843, *Highlights of the 2023 Executive Order on Artificial Intelligence for Congress*

CRS Insight IN12308, *The AI Executive Order and Considerations for Federal Privacy Policy*

CRS Insight IN12289, *Law Enforcement Use of Artificial Intelligence and Directives in the 2023 Executive Order*

CRS Insight IN12286, *The AI Executive Order and Its Potential Implications for DOD*

## **AI and Defense**

*See also AI Executive Order*

CRS Report R47599, *AUKUS Pillar 2 (Advanced Capabilities): Background and Issues for Congress*

CRS Report R46458, *Emerging Military Technologies: Background and Issues for Congress*

CRS In Focus IF11105, *Defense Primer: Emerging Technologies*

CRS Report R47188, *Unmanned Aircraft Systems: Roles, Missions, and Future Concepts*

## **AI and Elections**

CRS Insight IN12222, *Artificial Intelligence (AI) and Campaign Finance Policy: Recent Developments*

CRS In Focus IF12468, *Artificial Intelligence (AI) in Federal Election Campaigns: Legal Background and Constitutional Considerations for Legislation*

## **AI and Finance**

CRS Video WVB00681, *Artificial Intelligence in Financial Services*

CRS Report R47997, *Artificial Intelligence and Machine Learning in Financial Services*

CRS In Focus IF12399, *Automation, Artificial Intelligence, and Machine Learning in Consumer Lending*

## **AI and Right of Publicity**

CRS Video WVB00696, *The Right of Publicity and Artificial Intelligence*

CRS Legal Sidebar LSB11052, *Artificial Intelligence Prompts Renewed Consideration of a Federal Right of Publicity*

## **Facial Recognition**

CRS Report R47541, *Immigration: The U.S. Entry-Exit System*

CRS In Focus IF11333, *Deep Fakes and National Security*

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CRS Video WVB00328, *Law Enforcement Use of Facial Recognition Technology*

CRS Report R46586, *Federal Law Enforcement Use of Facial Recognition Technology*

CRS Report R46541, *Facial Recognition Technology and Law Enforcement: Select Constitutional Considerations*

## **AI and Other Sectors**

CRS In Focus IF12762, *The Macroeconomic Effects of Artificial Intelligence*

CRS In Focus IF11783, *Biometric Technologies and Global Security*

CRS Video WVB00708, *Disruptive Technology Series: Internet Policy in the Artificial Intelligence Era*

CRS Video WVB00697, *Professional Ethics: Rules of Conduct and Artificial Intelligence*

CRS Report R47849, *Artificial Intelligence in the Biological Sciences: Uses, Safety, Security, and Oversight*

CRS Video WVB00642, *Science and Technology Q&A: Artificial Intelligence in the Biological Sciences*

CRS In Focus IF12497, *Semiconductors and Artificial Intelligence*

## **Author Information**

Laurie Harris  
Analyst in Science and Technology Policy

Rachael D. Roan  
Senior Research Librarian

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