Below is a chart of proposed legislation regarding privacy, cybersecurity, and artificial intelligence in the 116th Congress. Should you need assistance or have questions on any of these federal bills or the ongoing federal debate, please do not hesitate to contact us.

Bill Title	Sponsors	Summary	Status
Enhancing K-12 Cybersecurity Act (H.R. 8612)	Reps. Doris Matsui (D-CA) and Jim Langevin (D-RI)	This bill would establish a $400 million "K-12 Cybersecurity Human Capacity" grant program at the National Science Foundation to help expand the cyber workforce and improve infrastructure in order to better protect educational institutions against attacks.	10/16/2020 -- Introduced
Don't Push My Buttons Act (S. 4756) (H.R. 8515)	House: Rep. Paul Gosar (R-AZ) Senate: Sen. John Kennedy (R-LA)	This bill would change Section 230 of the Communications Decency Act to limit tech's liability protections when it comes to collecting certain personal data without obtaining user consent.	House: 10/2/2020 -- Introduced Senate: 9/29/2020 -- Introduced
Designing Accounting Safeguards to Help Broaden Oversight And Regulations on Data (DASHBOARD) Act (S.1951) / (H.R. 8512)	House: Rep. Bill Foster (D-IL) Senate: Sen. Mark Warner (D-VA) and Sen. Josh Hawley (R-MO)	The bill would require the SEC to promulgate regulations relating to the disclosure of certain commercial data.	House: 10/5/2020 -- Introduced Senate: 6/25/19 -- Introduced
Risk-Informed Spending for Cybersecurity Act (S. 4785)	Sens. Rob Portman (R-OH), Gary Peters (D-MI)	This bill would require federal agencies to allocate cybersecurity resources to help prevent cyber attacks and would require the Office of Management and Budget to develop a risk-based budgeting model.	10/1/2020 -- Introduced
A bill to establish a Center for Artificial Intelligence of the National Oceanic and Atmospheric Administration, and for other purposes. (S. 4700)	Sen. Cory Gardner (R-CO)	This bill would create an Artificial Intelligence Center within the National Oceanic and Atmospheric Administration (NOAA); companion to a House version already included in the National Defense	10/1/2020 -- Introduced

		Authorization Act for FY 2021 (H.R. 6395).	
State and Local Cybersecurity Improvement Act (H.R. 5823)	Rep. Cedric Richmond (D-LA)	This bill would create a grant program to help state and local governments strengthen their cybersecurity capabilities that would be managed by CISA.	9/30/2020 -- Passed House (Introduced 2/10/2020)
Consumer Product Safety Act (H.R. 8128)	Rep. Jerry McNerney (D-CA)	This bill would direct officials from several consumer protection agencies to explore and educate Congress on how AI and blockchain can elevate consumer safety.	Passed House (9/29/2020)
Improving Cybersecurity of Small and Organizations Act (H.R. 8379 / S. 4731)	House: Reps. Anna Eshoo (D-CA), John Katko (R-NY) Senate: Sens. Jacky Rosen (D-NV), John Cornyn (R-TX)	This bill would direct the Director of CISA to establish cybersecurity guidance or small organizations.	9/25/2020 -- Introduced
Setting an American Frameworks to Ensure Data Access Transparency and Accountability (SAFE DATA) Act (S. 4626)	Sen. Roger Wicker (R-MS)	Federal data privacy legislation to establish data privacy and data security protections for consumers.	9/17/2020 -- Introduced
Election Technology Research Act (H.R. 4990)	Rep. Mikie Sherrill (D-NJ)	This bill would expand roles for NIST and the National Science Foundation in protecting elections against hackers.	9/16/2020 -- Passed House
IoT Cybersecurity Improvement Act (H.R. 1688 / S. 734)	House: Rep. Robin Kelly (D-IL) Senate: Sen. Mark Warner (D-VA)	This bill would authorize DOD to provide financial assistance to the Manufacturing Extension Partnership Center for cybersecurity services to help small manufacturers in the defense supply chain.	House: 9/15/2020 -- Passed House Senate: 9/23/2019 -- Passed Committee on Homeland Security
State and Local IT Modernization and Cybersecurity Act (H.R. 8048)	Reps. Jim Langevin (R-RI), Mike Gallagher (R-WI)	The bill, which includes $28 billion in federal aid, would establish a Public Health Emergency Information Technology Grant Program and a Modernizing Information Technology Program.	8/14/2020 -- Introduced

Cyber Navigators Act (H.R. 8011)	Reps. John Katko (R-NY), Kathleen Rice (D-NY)	This bill would provide funds for states and local authorities to hire cyber professionals to provide election-related cybersecurity support. The funds would be distributed to states by the Election Assistance Commission as part of a grant program.	8/11/2020 -- Introduced
Cyberspace Solarium Commission Legislative Proposals for Comprehensive Privacy bill and National Data Breach Law (link)	Sen. Angus King (I-ME), Rep. Mike Gallagher (R-WI)	Legislative Proposals	7/14/2020 -- Released
Strengthening the Cybersecurity and Infrastructure Security Agency Act (H.R. 7588)	Rep. John Katko (R-NY)	The bill aims to increase oversight of CISA and would require agency to review how additional funding could improve national risk management.	7/13/2020 -- Introduced
Secure Data and Privacy for Contact Tracing App (H.R. 7472)	Rep. Jackie Speier (D-CA)	This bill would provide grants to states that choose to use technology as part of contact tracing efforts for COVID-19 if they agree to adopt strong privacy protections for users.	7/1/2020 -- Introduced
National Cyber Director Act (H.R. 7331)	Rep. James Langevin (R-RI)	This bill would establish the Office of the National Cyber Director.	6/25/2020 -- Introduced
Lawful Access to Encrypted Data Act (S. 4051)	Sen. Lindsey Graham (R-SC)	This bill would require both device manufacturers such as Apple and communications service providers such as Facebook to "ensure" that they have "the ability to provide the assistance" mandated by the bill, which includes "decrypting or decoding" data stored on devices or transmitted over the internet.	6/23/2020 -- Introduced
Small Manufacturer Cybersecurity Enhancement Act (H.R. 7265)	Reps. Jimmy Panetta (D-CA), Joe Wilson (R-SC)	This bill would direct the Defense Department in partnership with the National Institute of Standards and Technology to provide grants for cybersecurity services to small defense manufacturers through Manufacturing	6/18/2020 -- Introduced

		Extension Partnership Centers.	
DOD 5G Act (H.R 7257)	Reps. Rick Larsen (D-Wash.), Mike Gallagher (R-Wisc.)	This bill would require the Defense Secretary to identify and mitigate against cybersecurity weaknesses in their 5G wireless telecommunications infrastructure	6/28/ 2020 -- Introduced
Data Accountability and Transparency Act of 2020 [DRAFT]	Sen. Sherrod Brown (R-Ohio)	This bill would new framework that would give Americans the power to hold corporations, big tech, and the government responsible for how they collect and protect personal data.	6/18/2020 -- Draft bill released
Artificial Intelligence for the Armed Forces Act of 2020 (H.R. 3965)	Sens. Rob Portman (R-OH), Martin Heinrich (D-NM)	This bill would require the Defense Secretary to "develop a training and certification program to better enable" the Pentagon's human resources workforce to recruit AI and cyber talent. In addition, the defense secretary would be required to issue guidance on how the Pentagon could make better use of existing direct hire authorities to onboard AI talent.	6/16/2020 -- Introduced
Continuity of Economy Act of 2020 (S. 3928)	Sen. Gary Peters (D-MI)	This bill would require the President to develop a plan for the continuity of the economy in response to a significant event.	6/10/2020 -- Introduced
Advancing Artificial Intelligence Research Act of 2020 (S. 3891)	Sens. Cory Gardner (R-CO), Gary Peters (D-MI), and Roger Wicker (R-MS)	This bill would establish a national program to advance AI research at the National Institute of Standards and Technology and authorize multiple research institutes to study the benefits and challenges of AI.	7/22/2020 -- Passed Committee on Commerce, Science, and Transportation
National AI Research Resource Task Force Act (H.R. 7096/ S. 3890)	Rep. Anna Eshoo (D-Calif.) Sens. Portman (R-OH), Martin Heinrich (D-NM)	This bill would convene a group of experts from academia, government and industry to develop an national AI research cloud.	6/4/2020 -- Introduced
Exposure Notification Privacy Act (S. 3861)	Sen. Maria Cantwell (D-WA)	This bill would establish privacy requirements for	6/1/2020 -- Introduced

		operators of infectious disease exposure notification.	
Endless Frontiers Act (H.R. 6978 & S.3832)	Reps. Ro Khanna (D-CA), Mike Gallagher (R-WI) Sens. Chuck Schumer (D-NY), Todd Young (R-IN.)	This bill would establish a new Directorate for Technology in the redesignated National Science and Technology Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, and innovation	5/22/20 -- Introduced
FUTURE of AI Act of 2020 (S.3771)	Sens. Maria Cantwell (D-WA), Todd Young (R-IN), Ed Markey (D-MA)	This bill requires the Secretary of Commerce to establish a the Federal Advisory Committee on the Development and Implementation of Artificial Intelligence.	7/22/2020 - Passed Committee on Commerce, Science, and Transportation
Internet Application Integrity and Disclosure (Internet Application I.D.) Act (H.R. 6942)	Rep. Adam Kinzinger (R-IL)	This bill would require the disclosure of app-makers originating from China.	5/19/20 -- Introduced
Countering Online Harms Act (H.R. 6937)	Rep. Brett Guthrie (R-KY)	This bill would assess how we can use AI to fight online harms, such as misinformation, deep fakes, illegal content, and more.	5/19/20 -- Introduced
Advancing IOT Manufacturing Act (H.R. 6939)	Rep. Richard Hudson (R-NC)	This bill would encourage states to adopt model codes for the manufacturing of Internet of Things (IoT) devices; identifies and mitigates risks to the supply chain.	5/19/2020 -- Introduced
Smart IoT Act (H.R.2644)	Rep. Bob Latta (R-OH)	This bill would promote an IoT strategy at the federal level that streamlines development and adoption.	5/10/2019 -- Introduced
Generating Artificial Intelligence Networking Security (GAINS) Act (H.R.6950)	Rep. Cathy McMorris Rodgers (R-WA)	This bill would ensure the U.S. develops and implements strategies for artificial intelligence (AI) that preserves our values and leadership. Identifies risks to the supply chain and creates plan for mitigating those risks.	5/19/2020 -- Introduced

Public Health Emergency Privacy Act (H.R.6866 / S.3749)	Reps. Anna Eshoo (D-CA), Jan Schakowsky (D-IL), Suzan DelBene (D-WA) Sens. Richard Blumenthal (D-CT), Mark Warner (D-VA)	This bill would expand protections for personal data collected during the coronavirus pandemic. The bicameral legislation would prohibit the use of personal health data for unrelated or discriminatory purposes and for commercial advertising. It would also require tech companies that collect COVID-19 data to delete it after the health emergency.	5/14/2020 -- Introduced
COVID-19 Consumer Data Protection Act (S. 3663)	Sen. Roger Wicker (R-MS), John Thune (R-SD), Jerry Moran (R-KS), Marsha Blackburn (R-TN)	The bill requires companies under the jurisdiction of the FTC to obtain affirmative express consent from individuals to collect, process, or transfer their personal health, geolocation, or proximity information for the purposes of tracking the spread of COVID-19.	5/7/2020 -- Introduced
Online Consumer Protection Act of 2020 (H.R. 6570)	Rep. Jim Banks (R-IN)	This bill requires software marketplace operators and developers of covered foreign software to provide to consumers a warning prior to the download of such software, and for other purposes.	4/21/20 -- Introduced
Privacy Score Act of 2020 (H.R. 6227)	Rep. Dan Lipinski (D-IL)	This bill directs the Federal Trade Commission to issue privacy scores for certain interactive computer services.	3/12/2020 -- Introduced
National Artificial Intelligence Initiative Act of 2020 (H.R. 6216)	Rep. Eddie Bernice Johnson (D-TX)	This bill establishes the National Artificial Intelligence Initiative.	3/12/2020 -- Introduced
Consumer Data Privacy and Security Act (S.3456)	Sen. Jerry Moran (R-KS)	This bill would create safeguards around how tech companies are allowed to collect and use the personal information of users.	3/12/20 -- Introduced
No TikTok on Government Devices Act (S.3455)	Sens. Josh Hawley (R-MO) and Rick Scott (R-FL)	This bill would prohibit certain individuals from downloading or using TikTok on any device issued by the United States or a government corporation.	3/12/20 -- Introduced

EARN IT Act of 2020 (S.3398)	Sens. Lindsey Graham (R-SC) and Richard Blumenthal (D-CT)	This bill revises the framework governing the prevention of online sexual exploitation of children.	7/2/2020 -- Introduced
The PRotecting the Information of our Vulnerable Children and Youth, or PRIVCY, Act (H.R. 5703)	Rep. Kathy Castor (D-FL)	This bill would expand some federal protections to teenagers as old as 17 and ban ads targeting kids based on their data.	1/30/2020 -- Introduced
Safe Communities Act (H.R. 5667)	Reps. Lauren Underwood (D-IL) and John Katko (R-NY)	This bill would require CISA to enhance stakeholder outreach to and operational engagement with owners and operators of critical infrastructure and other relevant stakeholders to bolster security against acts of terrorism and other homeland security threats.	1/24/2020 -- Introduced
Cybersecurity State Coordinator Act (S. 3207)	Sens. Maggie Hassan (D-NH), John Cornyn (R-TX), Rob Portman (R-OH), Gary Peters (D-MI)	This bill would require the DHS to establish a Cybersecurity State Coordinator program.	3/11/20 -- Passed Senate Homeland Security and Government Affairs Committee
Secure and Trusted Communications Networks Act of 2019 (H.R. 4998)	Rep. Frank Pallone (D-NJ)	This bill would enhance supply chain security by prohibiting the use of federal funds to purchase communications equipment or services from any company that poses a national security risk to American communications networks.	3/12/2020 -- Signed by President & Became Public Law No. 116-124
SAFE SEX Workers Study Act (H.R. 5448)	House: Reps. Ro Khanna (D-CA) and Barbara Lee (D-CA) Senate: Sens. Elizabeth Warren (D-MA) and Ron Wyden (D-OR)	This bill would require HHS to assess whether FOSTA-SESTA (H.R. 1865 (115), a law that made online companies liable for knowingly enabling sex trafficking, has actually endangered the group.	12/17/2019 -- Introduced
Cybersecurity Vulnerability Identification and Notification Act of 2019 (S. 3045)	Sens. Rob Johnson (R-WI) and Maggie Hassan (D-NH)	The bill would permit CISA to issue administrative subpoenas to internet service providers to get information about critical infrastructure owners and operators when DHS detects vulnerabilities.	3/11/2020 -- Passed Homeland Security & Government Affairs Committee

Cybersecurity Disclosure Act of 2019 (H.R. 1731 / S. 592)	Rep. Jim Himes (D-CT) Sen. Jack Reed (D-RI)	The bill would require the SEC to issue a rule requiring public companies to disclose whether they have a cyber expert on their board of directors.	House: 12/10/2019 -- Passed by House Financial Services Committee Senate: 2/28/2019 -- Introduced
Consumer Online Privacy Rights Act (S.2968)	Sens. Maria Cantwell (D-WA), Brian Schatz (D-HI), Amy Klobuchar (D-MN) and Ed Markey (D-MA)	This bill grants individuals broad control over their data, impose new obligations on data processing, and expand the FTC's enforcement role over digital privacy.	12/3/2019 -- Introduced
Stop Marketing And Revealing The Wearables And Trackers Consumer Health Data Act (S. 2885)	Sens. Bill Cassidy (R-LA) and Jacky Rosen (D-NV)	This bill would prevent entities that collect consumer health information from transferring, selling, sharing or allowing access to consumer health information or any individually identifiable consumer health information collected on personal health trackers.	11/18/2019 -- Introduced
The Small Business Fraud Protection Act (S. 2883)	Sens. John Kennedy (R-LA) and Bob Menendez (D-NJ)	The bill would extend the period small businesses have to report fraudulent transactions without being held liable from 24 hours to 60 days.	11/18/2019 -- Introduced
Eliminating Corporate Shadow Banking Act of 2019 (S.2839)	Sen. John Kennedy (R-LA)	This bill would close the loophole that allows industrial loan companies and their parent companies to skirt regulatory oversight.	11/12/2019 -- Introduced
Cybersecurity Awareness Month 2019 (S.Res.345)	Sens. Bill Cassidy (R-LA) and Cory Gardner (R-CO	This resolution aims to raise awareness about, and enhance the state of, cybersecurity in the United States.	10/31/2019 -- Passed in the Senate
Promoting United States International Leadership in 5G Act of 2019 (H.R. 3763)	Rep. Michael McCaul (R-TX)	This bill would require the president to establish an interagency working group (led by the State Department) to enhance U.S. leadership at international standards-setting bodies for the fifth and future generations (5G) of wireless technologies.	1/8/2020 -- Passed the House; received in Senate.

The Cyber Shield Act (H.R. 4792)	Rep. Ted Lieu (D-CA), Sen. Ed Markey (D-MA)	This bill would create a voluntary cybersecurity certification program for Internet of Things (IoT) devices.	10/22/19 -- Reintroduced in the House and Senate
Mind Your Own Business Act (S.2637)	Sen. Ron Wyden (D-OR)	This bill would expand the FTC's authority to regulate data collection and use, allow consumers to opt out of data sharing, and create civil and criminal penalties for certain violations of the Act.	10/17/2019 -- Introduced
Data Broker Accountability and Transparency Act (S.2577)	Sens. Ed Markey (D-MA), Richard Blumenthal (D-CT) and Tina Smith (D-MN)	This bill would allow consumers to access and correct their information; prohibit data brokers from engaging in discriminatory data use practices; and provide consumers with the right to stop data brokers from using, sharing, or selling their personal information for marketing purposes. The bill additionally requires data brokers to develop comprehensive privacy and data security programs and to provide reasonable notice in the case of breaches.	9/26/2019 -- Introduced
Cybersecurity and Financial System Resilience Act of 2019 (H.R. 4458)	Rep. Patrick McHenry (R-NC)	This bill would require the Board of Governors of the Federal Reserve System to submit an annual cybersecurity report to Congress. The report would detail measures taken by the Board of Governors and the Federal Reserve banks to shore up digital defenses.	1/13/2020 -- Passed House
DHS Cyber Hunt and Incident Response Teams Act of 2019 (H.R. 1158 / S.315)	Senate: Sen. Maggie Hassan (D-NH) House: Rep. Michael McCaul (R-TX-10)	This bill would require that DHS make permanent "cyber hunt" and "cyber incident response" teams to work to help prevent cyberattacks at all levels of government and the private sector, and help mitigate the impact of such attacks when they occur. The bill also authorizes DHS to include private sector experts on the teams.	12/20/2019 -- Became Public Law No: 116-93

The Manufacturing, Investment, and Controls Review for Computer Hardware, Intellectual Property and Supply (MICROCHIPS) Act (S.2316)	Sens. Mike Crapo (R-ID) and Mark Warner (D-VA)	This bill would require a plan for strengthening the supply chain intelligence function, to establish a National Supply Chain Intelligence Center, and modifies the Defense Production Act to make supply chain security a purpose for investment.	7/30/2019 -- Introduced
FedRAMP Authorization Act (H.R. 3941)	Reps. Gerald Connolly (D-VA) and Mark Meadows (R-NC)	This bill would formally authorize a government wide program designed to standardize the use of cloud computing services and ensure they meet federal security requirements.	2/5/2020 -- Passed House
Deepfake Report Act of 2019 (S.2065)	Sen. Rob Portman (R-OH)	This bill would require the Secretary of Homeland Security to publish an annual report on the use of deepfake technology.	7/9/2019 -- Introduced
Department of Homeland Security Rotational Cybersecurity Program Act of 2019 (H.R. 3484)	Rep. Cedric Richmond (D-LA)	This bill would amend the Homeland Security Act of 2002 to authorize the Secretary of Homeland Security to establish a rotational cybersecurity research program.	6/25/2019 -- Introduced
Protecting Data at the Border Act (S.1606 / H.R.2925)	Sen. Ron Wyden (D-OR) Rep. Ted Lieu (D-CA)	The bill would ensure the digital contents of electronic equipment and online accounts belonging to or in the possession of United States persons entering or exiting the United States are adequately protected at the border, and for other purposes.	5/22/2019 -- Introduced
Do Not Track Act (S.1578)	Sen. Josh Hawley (R-MO)	The bill would protect the privacy of internet users through the establishment of a national Do Not Track system, and for other purposes.	5/21/2019 -- Introduced
The Artificial Intelligence Initiative Act (S.1558)	Sens. Rob Portman (R-OH), Martin Heinrich (D-NM), and Brian Schatz (D-HI)	The bill would establish a coordinated Federal initiative to accelerate research and development on artificial intelligence for the economic and national security of the United States, and for other purposes.	5/21/2019 -- Introduced

The Data Breach Prevention and Compensation Act of 2019 (H.R.2545 / S.1336)	Reps. Elijah Cummings (D-MD) and Raja Krishnamoorthi (D-IL) Sens. Elizabeth Warren (D-Mass) and Mark Warner (D-VA)	The bill would create an Office of Cybersecurity at the Federal Trade Commission for supervision of data security at consumer reporting agencies, to require the promulgation of regulation establishing standards for effective cybersecurity at consumer reporting agencies, to impose penalties on credit reporting agencies for cybersecurity breaches that put sensitive consumer data at risk, and for other purposes.	5/7/2019 -- Introduced
Privacy Bill of Rights Act (S.1214)	Sen. Ed Markey (D-MA)	The bill would establishes rules for both online and offline companies and bans the use of individuals' personal information for harmful, discriminatory purposes, such as housing and employment advertisements targeted based on demographics like race and gender. It also includes cybersecurity standards and provides the Federal Trade Commission (FTC) with rulemaking authority.	4/11/2019 -- Introduced
The Balancing the Rights of Web Surfers Equally and Responsibly (BROWSER) Act (S.1116)	Sen. Marsha Blackburn (R-TN)	The bill would require providers of broadband internet access service and edge services to clearly and conspicuously notify users of the privacy policies of those providers, to give users opt-in or opt-out approval rights with respect to the use of, disclosure of, and access to user information collected by those providers based on the level of sensitivity of the information.	4/10/2019 -- Introduced
Deceptive Experiences to Online Users Reduction, or DETOUR, Act (S.1084)	Sens. Mark Warner (D-VA) and Deb Fischer (R-NE)	The bill would allow for the creation of professional standards bodies to lay out best practices for how companies obtain user	4/9/2019 -- Introduced

		consent, and to have those associations register with the FTC. It would direct the agency to create rules for informed user consent within one year of its enactment.	
Information Transparency & Personal Data Control Act (H.R. 2013)	Rep. Suzan DelBene (D-WA)	This bill would require companies to allow users to "opt in" before companies can use consumers' most sensitive private information in ways the public might not expect, but provides an exception for "reasonable use." The bill includes federal preemption.	4/1/2019 -- Introduced
Internet of Things (IoT) Cybersecurity Improvement Act of 2019 (H.R.1668 / S.734)	Sen. Mark Warner (D-VA) Reps. Robin Kelly (D-IL)	This bill would leverage Federal Government procurement power to encourage increased cybersecurity for Internet of Things devices.	3/11/2019 -- Introduced
Defending American Security from Kremlin Aggression Act of 2019 (S.482)	Sen. Lindsey Graham (R-SC)	This bill would establish at the State Department the Office of Cyberspace and the Digital Economy, to serve as the lead policy body on issues including international cybersecurity and Internet freedom.	12/18/2019 -- Passed Foreign Relations Committee