



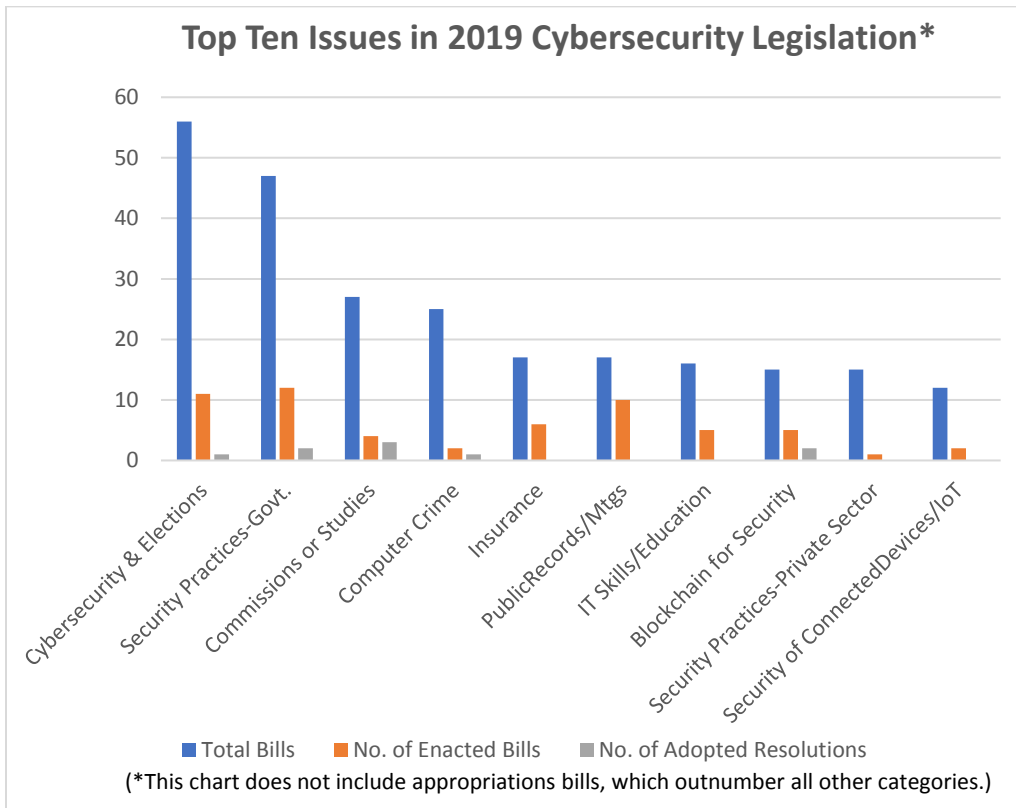
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2019 Cybersecurity Legislation

As of Sept. 19, 2019

At least 43 states and Puerto Rico [introduced or considered](#) close to 300 bills or resolutions that deal significantly with cybersecurity. Some of the key cybersecurity issues considered in legislatures included:

- Appropriating funds for improved security in government
- Addressing cybersecurity threats to elections (see NCSL's [State Elections Legislation Database](#) for other types of elections security and elections-related legislation)
- Requiring government agencies to implement training and security policies and practices
- Creating cybersecurity task forces, commissions or studies
- Targeting cyber threats such as ransomware or other computer crimes
- Addressing cybersecurity within the insurance industry or cybersecurity insurance for government
- Providing for the confidentiality of government cybersecurity information and plans by exempting it from public records laws
- Encouraging cybersecurity training, education and workforce development.
- Studying the use of blockchain for cybersecurity
- Requiring the private sector to improve security practices
- Addressing the security of connected devices (or the Internet of Things (IoT)).



2019 Enacted State Legislation Related to Cybersecurity

As of Sept. 16, 2019

Summary: In at least 31 states, 80 cybersecurity-related bills were enacted or adopted in 2019. Those states include Alabama, Arkansas, Arizona, California, Connecticut, Delaware, Florida, Georgia, Iowa, Indiana, Kansas, Louisiana, Maryland, Minnesota, Mississippi, Montana, North Carolina, North Dakota, New Hampshire, New Jersey, New Mexico, Nevada, New York, Ohio, Oklahoma, Oregon, Texas, Virginia, Vermont, Washington, and West Virginia.

Key trends in *enacted* legislation this year are in the following areas:

- Improving government security practices.
- Addressing cybersecurity threats to elections (see NCSL's Elections data base for other types of [elections security](#)-related legislation).
- Providing for the confidentiality of government cybersecurity plans and practices by exempting them from public records laws.
 - Relating to cybersecurity insurance, including enacting laws based on the [NAIC Insurance Data Security Model Law](#), which establishes a comprehensive regulatory framework requiring insurers to implement information security programs.
- Approving studies or task forces to investigate the use of blockchain/distributed ledger technology for cybersecurity.

Key enacted 2019 cybersecurity legislation in state legislatures is summarized below. Bill summaries are also available and updated periodically on NCSL's [2019 Cybersecurity Legislation web page](#).

Bill	Title	Summary
AL S 54 (2019)	Insurance Information Security Program Requirement	Relates to insurance, requires insurers and other entities licensed by the Department of Insurance to develop, implement, and maintain an information security program, provides for reporting to the Commissioner of Insurance, including the reporting of cybersecurity events, provides that information provided to the commissioner pursuant to this act would be confidential and privileged under certain conditions, provides for civil penalties under certain conditions.
AR H 1128 (2019)	Cybersecurity Threats and Vulnerabilities	Amends the law concerning the authority of the Governor to order the militia into service, authorizes the use of the militia to address cybersecurity threats and cybersecurity vulnerabilities.
AR H 1500 (2019)	Homeland Security Information Act	Provides for the security of the plans of emergency service agencies, prevents, investigates, or responds to incidents of terrorism and mass destruction, provides for the security of investigative files and documents, amends the Homeland Security Information Act.
AR S 632 (2019)	Cyber Initiative Act	Enacts the Cyber Initiative Act, authorizes the Economic Development Commission to support a cyber alliance in order to reduce cyber risks and encourage economic development.
AZ H 2177 (2019)	Regulatory Sandbox Program	Revises provisions relating to the Regulatory Sandbox Program, revises certain definitions, relates to temporary testing of an innovation without otherwise being licensed, revises provisions relating to the application process and requirements, provides for financial products and services, requires the employment of cybersecurity measures to avoid breaches.

AZ H 2747 (2019)	General Appropriations Act	Relates to general appropriations act, relates to 2019-2020.
CA A 74 (2019)	Budget Act of 2019	Makes appropriations for the support of the government of the state and for several public purposes in accordance with certain provisions of the state Constitution. Relates to the State Budget Bill.
CA A 814 (2019)	Vehicles: Unlawful Access to Computer Systems	Clarifies that, for purposes of the prohibition against unlawfully accessing a computer system, a computer system includes devices or systems that are located within, connected to, or integrated with, a motor vehicle.
CA A 1043 (2019)	Political Reform Act: Cybersecurity	Authorizes the expenditure of campaign funds to pay for, or reimburse the state for, the installation and monitoring of hardware, software, and services related to the cybersecurity of the electronic devices of a candidate, elected officer, or campaign worker. Requires a candidate or elected officer to report any expenditure of campaign funds for these purposes to the Fair Political Practices Commission in the candidate or officer's campaign statements.
CA A 1044 (2019)	Elections: Secretary of State	Authorizes the Secretary of State to require an applicant to take a training course regarding data security as a condition for the receipt of voter registration information if that course is made available to the applicant at no cost to the applicant. Clarifies that required reports by elections officers may include information about the identity of, and contact information for, the elections official who is responsible for conducting elections in the jurisdiction.
CT H 7424 (2019)	State Budget	Concerns the state budget for the upcoming biennium, makes appropriations therefor, implements provisions of the budget.
DE H 174 (2019)	Insurance Data Security Act	Establishes standards for data security for Title 18 licensees and standards for the investigation of and notification to the Commissioner of a cybersecurity event affecting Title 18 licensees.
DE S 153 (2019)	Information Technology Recommendations	Relates to information technology recommendations of the Government Efficiency and Accountability Review Board, establishes a statewide shared technology services model to facilitate digital government for citizens, increase efficiency, and control security risks.
FL H 327 (2019)	Public Meetings	Relates to public meetings, exempts from public meetings requirements certain exempt information concerning information technology systems held by specified utilities, provides for future legislative review and repeal of the exemption, provides a statement of public necessity.
FL H 1393 (2019)	Florida Blockchain Task Force	Establishes a Florida Blockchain Task Force to study the ways in which state, county, and municipal governments can benefit from a transition to a blockchain-based system for recordkeeping, security, and service delivery. Provides that the Task Force will develop and submit recommendations concerning the potential for blockchain-based systems to promote government efficiencies, better services for citizens, economic development, and safer cyber-secure interaction between government and the public
FL H 5301 (2019)	Information Technology Reorganization	Relates to information technology reorganization, transfers all powers, duties, functions, records, offices, personnel, and authorities of the Agency for State Technology to the Department of Management Services, provides for the continuation of

		contracts and interagency agreements, establishes the Division of State Technology, specifies reporting requirements, provides for the statewide travel management system.
FL H 7047 (2019)	Security Breach Information	Relates to a review under the Open Government Sunset Review Act, provides a public records exemption for information received by the Department of Legal Affairs pursuant to a notification of a security breach or during the course of an investigation of such breach, removes the scheduled repeal of the exemption.
FL S 1024 (2019)	Blockchain Technology	Establishes the State Blockchain Task Force to explore and develop a master plan for fostering the expansion of the blockchain industry in the state, to recommend policies and state investments to help make this state a leader in blockchain technology, and to issue a report, requires the study to include if and how state, county, and municipal governments can benefit from a transition to a blockchain based system for recordkeeping, data security, financial transactions, and service delivery.
FL S 2500 (2019)	Appropriations	Makes appropriations, provides moneys for the annual period beginning July 1, 2019, and ending June 30, 2020, and supplemental appropriations for the period ending June 30, 2019, to pay salaries, and other expenses, capital outlay - buildings, and other improvements, and for other specified purposes of the various agencies of state government.
GA H 30 (2019)	Appropriations	Makes, provides, and changes certain appropriations for the operation of the state government and its departments, boards, bureaus, commissions, institutions, and other agencies, provides for the university system, common schools, counties, municipalities, and political subdivisions, provides for all other governmental activities, projects, and undertakings authorized by law, provides for all leases, contracts, agreements, and grants authorized by law.
GA H 31 (2019)	Appropriations Provisions for Budget	Provides appropriations for the State Fiscal Year beginning July 1, 2019, and ending June 30, 2020, makes and provides such appropriations for the operation of the State government and its departments, boards, bureaus, commissions, institutions, and other agencies, for the university system, common schools, counties, municipalities, and political subdivisions, for all other governmental activities.
IA H 692 (2019)	Conduct of State and Local Elections	Relates to the conduct of state and local elections, providing penalties, and including effective date elections provisions, provides for penalties for using voter registration information, including resale or redistribution of the voter registration list without written permission of the state registrar, for purposes other than those permitted.
IN S 4 (2019)	Water and Wastewater Utilities and Runoff	Relates to water and wastewater utilities and runoff, requires the Indiana finance authority to divide the state of Indiana into study areas and to hold annual meetings with the officers and employees of the water and wastewater utilities located in each study area, authorizes the utilities within a study area to meet voluntarily to determine area water and wastewater priorities, promote cooperation among the utilities, and consider other matters.
IN S 558 (2019)	Election Security	Relates to election security, requires the Secretary of State to refer suspected criminal violations of election law for investigation by the appropriate prosecuting attorney, establishes an administrative

		enforcement mechanism for enforcement of election laws other than campaign finance laws, requires the statewide voter registration file to employ two factor authentication to restrict access.
IN S 560 (2019)	Various Election Law Matters	Relates to various election law matters, removes provisions relating to candidates for President of the United States filing ballot placement requests with the secretary of state, provides that the election division annual training conference for county election officials must include information on cybersecurity and physical security practices for the statewide voter registration system, voting systems, and polling places.
IN S 570 (2019)	Election Cyber Security	Relates to election cyber security, includes a definition of VSTOP voting system technical oversight program in the election code, requires the secretary of state to establish proficiency standards for individuals who are authorized to access the statewide voter registration file, requires such individuals to meet the proficiency standards in order to access the file, requires the county election board to deliver voting systems and electronic poll books to precincts and vote centers.
KS H 2209 (2019)	Cybersecurity Insurance for State Board of Regents	Concerns insurance; provides that the state board of regents may purchase cybersecurity insurance as it deems necessary to protect student records, labor information and other statutorily protected data that the board maintains, independent of the committee on surety bonds and insurance.
LA H 74 (2019)	Crime	Creates the crime of trespass against state computers, provides for elements of the crime, provides for criminal penalties.
LA S 46 (2019)	Cyber Threats	Authorizes entities to monitor, share, and receive certain information relative to cyber threats, authorizes certain defensive measures, relates to certain security and information controls, provides for confidentiality of certain information.
MD H 100 (2019)	Budget Bill Fiscal Year	Makes proposed appropriations contained in the state budget for the upcoming fiscal year.
MD H 397 (2019)	Emergency Telephone System	Requires establishment of cybersecurity standards for public safety answering points based on national industry and 9-1-1 system trade association best practices, including standards concerning response protocols in the event of the cybersecurity attack on a public safety answering point.
MD H 1315 (2019)	Cyber Warrior Diversity Program	Alters the locations of the Cyber Warrior Diversity Program in the state, specifies the amounts and uses of grants provided under the Program, alters the date by which governing entities must notify the State Higher Education Commission regarding enrollment.
MD S 339 (2019)	Emergency Telephone System	Requires establishment of cybersecurity standards for public safety answering points based on national industry and 9-1-1 system trade association best practices, including standards concerning response protocols in the event of the cybersecurity attack on a public safety answering point.
MD S 432 (2019)	Cyber Warrior Diversity Program	Alters the locations of the Cyber Warrior Diversity Program in the State, specifies the amounts and uses of certain grants provided under the Program, alters the date by which certain governing entities must notify the state Higher Education Commission regarding certain enrollment, requires the Commission to allocate certain funds to certain entities on a certain basis.

MD S 581 (2019)	Opportunity Zone Enhancement Program	Extends certain benefits under the More Jobs for Marylanders Program to businesses that locate or expand in opportunity zones in the state, alters the calculation the Governor shall use in determining the amount to include in the budget Reserve Fund, alters the information required to be contained in a certain report on the Tax Credit, provides for the heritage structure rehabilitation tax credit, provides for workforce housing projects.
MN S 10 a (2019)	Operation of State Government	Relates to the operation of state government, appropriates money for the Legislature, the Governor's Office, State Auditor, Attorney General, Secretary of State, and certain agencies, boards, councils, and retirement funds, changes provisions in state government operations, makes state payment terminology changes, adds provisions for presidential nomination primaries, changes provisions for information technology, military and veterans affairs policy.
MS S 2046 (2019)	State IT Assets	Exempts from the Public Records Act certain information technology related information that, if disclosed, could allow unauthorized access to the State's IT assets.
MS S 2831 (2019)	Insurance Data Security Law	Establishes the Insurance Data Security Law, provides the purpose and intent of the Act, defines certain terms used in the Act, requires insurance licensees in this state to develop, implement and maintain an information security program, requires certain investigation of a cybersecurity event, requires certain notification of a cybersecurity event, provides for certain confidentiality, provides exceptions to the Act, provides for penalties for violations of the Act.
MT H 2 (2019)	General Appropriations Act	Appropriates money to various state agencies for the upcoming biennium.
MT H 305 (2019)	National Guard State Duty for Special Work	Revises the definition of state duty for special work by Montana National Guard personnel, provides state duty for special work is limited to existing provisions in preparation for declarations of emergencies and disasters and cyber security operations.
NC H 217 (2019)	Department of Information Technology	Makes miscellaneous and technical changes to the statutes relating to the Department of Information Technology, amends various statutes relating to state agency cybersecurity and the Emergency Telephone Service and the 911 Board.
ND H 1048 (2019)	Distributed Ledger Technologies	Relates to the use of distributed ledger technologies, requires the Department of Information Technologies to research and develop the use of distributed ledger enabled platform technologies, such as blockchains, for computer controlled programs, data transfer and storage, and program regulation to protect against falsification, improve internal data security, and identify external hacking threats.
ND S 2015 (2019)	Office of Management and Budget Appropriation	Provides an appropriation for defraying the expenses of the various divisions under the supervision of the director of the office of management and budget.
ND S 2110 (2019)	Cybersecurity Strategy	Expands the powers and duties of the Information Technology Department to oversee cybersecurity strategy for all executive branch state agencies, including institutions under the control of the State Board of Higher Education, counties, cities, school districts, or other political subdivisions.
ND S 2209 (2019)	Records Protection	Relates to protection for records related to critical infrastructure and security planning, mitigation, or threats.

ND S 2340 (2019)	Record Protection	Revises provisions relating to the protection and confidentiality of records regarding emergency planning and response.
NH H 25 (2019)	Appropriations Provision	Makes appropriations for capital improvements for the biennium and extends certain lapse dates for previous appropriations.
NH H 329 (2019)	School Data Security Plans	Relates to a school board's review and adoption of a data security plan at a nonpublic meeting, adds an exemption from requirements for records pertaining to information technology systems.
NH S 194 (2019)	Insurance Data Security Law	Establishes the Insurance Data Security Law, updates and establishes standards for protection of consumers' non public information, requirements for investigation of a breach and notification to the Commissioner and consumers in the event of cyber security breaches relating to consumers' nonpublic information.
NJ S 2019 (2018)	Appropriations	Appropriates an amount in state funds and an amount in federal funds for the state budget for the upcoming fiscal year.
NJ S 2020 (2018)	State Budget	Appropriates state and federal funds for the state budget for the upcoming fiscal year.
NJ S 2297 (2018)	Blockchain Initiative Task Force	Revises provisions relating to the State Blockchain Initiative Task Force, relates to a study as to whether state, county, and municipal governments can benefit from a transition to a blockchain system for cybersecurity, recordkeeping and service delivery, modifies membership of the Task Force.
NM H 7 (2019)	Higher Education Centers of Excellence	Relates to higher education, creates centers of excellence at higher education institutions to promote development in the cybersecurity, sustainable agriculture, and renewable energy industries, and bioscience.
NV S 69 (2019)	Emergencies and Cybersecurity	Revises provisions relating to emergencies and cybersecurity, clarifies the authority of the Governor to call members of the Nevada National Guard into state active duty upon a request for assistance from certain governmental entities that have experienced a significant cybersecurity incident.
NV S 123 (2019)	Elections Security and Integrity	Revises provisions relating to elections, enacts provisions governing the security and integrity of elections, revises provisions relating to candidates and declarations of candidacy, revises provisions regarding local elections and voter registration.
NV S 302 (2019)	Collected Personal Information	Relates to privacy, requires a governmental agency to comply, to the extent practicable, with certain standards with respect to the collection, dissemination and maintenance of records containing personal information of a resident of this State, prohibits the Legislative Auditor from including certain information in the report of an audit, requires the Legislative Auditor to report certain information concerning the security of the information system of an agency of the State under certain circumstances.
NY A 2000 (2019)	State Operations Budget	Enacts the State Operations Budget.
NY S 1504 (2019)	Capital Projects Budget	Enacts the Capital Projects Budget.
NY S 5575B (2019)	Notification of a Security Breach	Relates to a notification of a security breach. Requires reasonable data security for private information, with a more flexible standard for small businesses, without creating new requirements for entities subject to existing or future regulations by any federal or other New York State government entity.

OH H 166 (2019)	Biennium Appropriations	Makes operating appropriations for the biennium, provides authorization and conditions for the operation of state programs.
OK H 2759 (2019)	Budget Implementation Act of 2019	Relates to revenue and taxation, provides for certain qualified employers to make application to the Tax Commission, provides for income tax credit, specifies tax credit amount, imposes limitation on taxable years for which tax credit may be claimed, prohibits reduction of tax liability to less than zero, authorizes qualified employers to participate in designated economic incentives.
OK S 261 (2019)	Election Security	Relates to election security, relates to the security of election materials, coercion, and election emergencies, authorizes post election audits for certain purposes, provides procedures, specifies the duties of the Secretary of State Election Board and the Secretary of County Election Board, specifies requirements relating to office space and arrangements for county election boards, prohibits providing false or misleading information to prevent registration or voting.
OK S 584 (2019)	Information Security Risk Assessments and Cybersecurity	Relates to public finance, relates to security risk assessments, establishes requirements for information security audit conducted by certain firm under certain basis, requires Information Services Division to assist in repairing vulnerabilities, provides an exception for certain agencies subject to certain mandatory cybersecurity standards, requires submission of information security audit findings, modifies requirement for submission of findings within certain time.
OR H 2395 (2019)	Security Features	Requires person that manufactures, sells or offers to sell connected device to equip connected device with reasonable security features that protect information that connected device collects, contains, stores or transmits from access, destruction, modification, use or disclosure that consumer does not authorize.
TX H 1 (2019)	General Appropriations Bill	Relates to the General Appropriations Bill.
TX H 1421 (2019)	Voter Registration Cybersecurity	Relates to cybersecurity of voter registration lists and other election-related documents, systems, and technology, provides that the secretary of state shall adopt rules defining classes of protected election data and establishing best practices for identifying and reducing risk to the electronic use, storage, and transmission of election data and the security of election systems.
TX H 2984 (2019)	Technology Application Curriculum	Revises provisions relating to the essential knowledge and skills of the technology applications curriculum, establishes the Computer Science Strategic Advisory Committee to increase computer science instruction and participation in public schools.
TX H 3834 (2019)	Government Employee Cybersecurity Training	Revises provisions relating to the requirement that certain state and local government employees and state contractors complete a cybersecurity training program certified by the State Cybersecurity Coordinator.
TX S 64 (2019)	Cybersecurity for Information Resources	Establishes strategies to incentivize cybersecurity degree programs, provides for the coordination of cybersecurity coursework development, revises provisions relating to information sharing, requires the State Cybersecurity Coordinator to develop best practices for cybersecurity, provides for cybersecurity coordination programs for utilities.

TX S 820 (2019)	School District Cybersecurity Framework	Requires a school district to develop and maintain a cybersecurity framework.
TX S 936 (2019)	Cybersecurity Monitor Program	Revises provisions relating to the Cybersecurity Monitor Program for electric utilities, requires the Public Utilities Commission to contract with an entity to act as the Commission's Cybersecurity Monitor, authorizes an electric utility, municipally owned utility, or electric cooperative to participate or discontinue participation in the Cybersecurity Monitor Program.
VA H 1700 (2018)	Budget Bill	Amends the Budget Bill; makes revisions to the Special Session I Acts of Assembly.
VA H 2178 (2018)	Voter Registration System	Relates to the voter registration system, relates to security plans and procedures, relates to remedy security risks, directs the State Board of Elections to promulgate regulations and standards necessary to ensure the security and integrity of the voter registration system and supporting technologies.
VA H 2332 (2018)	Electric Utilities	Requires the State Corporation Commission to convene a stakeholder group on consumer data protection issues.
VA S 1233 (2018)	Administration of Government	Relates to the administration of government, prohibits public bodies from using products and services provided by Kaspersky Lab, requires the State Information Technologies Agency to review statewide procedures for implementing such a prohibition and to prepare a report with recommendations for the Governor and General Assembly.
VA H 5001 a (2018)	Budget Bill	Revises the budget bill, makes appropriations to various state agencies and programs, establishes the Interstate System Reconstruction and Rehabilitation Pilot Program.
VA H 5002 a (2018)	Budget Bill	Revises the budget bill, makes appropriations to various state agencies and programs.
VT H 135 (2019)	Digital Services Agency Authority	Makes technical corrections to the State Statutes Annotated to transfer the authority from the former Department of Information and Innovation to the newly created Agency of Digital Services, amends the authority of the Agency of Digital Services.
WA H 1109 (2019)	Biennium Operating Appropriations	Makes operating appropriations for the upcoming biennium.
WA H 1126 (2019)	Distributed Energy Future Preparations	Enables electric utilities to prepare for the distributed energy future, provides for cybersecurity and data privacy practices to the changing distribution system and the internet of things.
WV H 2452 (2019)	Cybersecurity Office	Creates the West Virginia cybersecurity office, relates to cybersecurity of state government, creates the Cybersecurity Office, provides that the Chief Information Security Officer to oversee the Cybersecurity Office, authorizes the Chief Information Security Officer to create a cybersecurity framework, to assist and provide guidance to agencies in cyber risk strategy.

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