

**HOUSE . . . . . No. 4648**

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House bill No. 4642, as amended and passed to be engrossed by the House. May 15, 2024.

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**The Commonwealth of Massachusetts**

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**In the One Hundred and Ninety-Third General Court  
(2023-2024)**  
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An Act to provide for the future information technology needs of Massachusetts..

*Whereas*, The deferred operation of this act would tend to defeat its purpose, which is to provide forthwith for the information technology and security needs of the commonwealth and deploy broadband access to the citizens of the commonwealth, therefore it is hereby declared to be an emergency law, necessary for the immediate preservation of the public convenience.

*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

1           SECTION 1. To provide for a program of capital investments for information technology  
2 and data and cyber-security improvements to various state programs, services, agencies,  
3 institutions and properties and to fund technology infrastructure, the sums set forth in sections  
4 2A, 2B and 2C of this act, for the several purposes and subject to the conditions specified in this  
5 act, are hereby made available through December 31, 2030, subject to the laws regulating the  
6 disbursement of public funds, which sums shall be in addition to any other amounts previously  
7 appropriated for these purposes; provided, that the amounts specified for a particular project may  
8 be adjusted in order to facilitate projects authorized in this act.

9           SECTION 2A.

10           EXECUTIVE OFFICE OF TECHNOLOGY SERVICES AND SECURITY

Office of the Secretary

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1790-3014 For costs associated with initiatives, projects and expenditures to make improvements to the quality, consistency, efficiency and delivery of any service or program for the benefit of the public and the interactions between residents and state agencies and instrumentalities of the commonwealth, including, but not limited to, planning and studies, the preparation of plans and specifications, purchase, procurement, acquisition, licensing and implementation of information technology, telecommunications and data-security-related equipment, hardware, software, systems, intellectual property and related projects for various state agencies of the commonwealth; provided, that for projects the secretary of administration and finance certifies to the comptroller directly or indirectly generate state revenue or budgetary savings, the comptroller shall transfer such revenue or budgetary savings to the state treasurer for payment of debt service related to those projects; provided further, that any federal reimbursement received by a state agency in connection with projects funded from this item may be retained by the state agency or the executive office of technology services and security and expended for the purposes of the project, without further appropriation, in addition to the amounts appropriated in this item.....\$750,000,000

1790-3015 For costs associated with initiatives, projects and expenditures to make improvements to the quality, consistency, efficiency and delivery of any service or program to support, improve, extend, secure or maintain technology or telecommunications infrastructure, including, but not limited to, planning and studies, the preparation of plans and specifications, purchase, procurement, acquisition, licensing and implementation of information technology, telecommunications and data-security-related equipment, hardware, software, systems, intellectual property and related projects for various state agencies of the commonwealth;

34 provided, that for projects the secretary of administration and finance certifies to the comptroller  
35 directly or indirectly generate state revenue or budgetary savings, the comptroller shall transfer  
36 such revenue or budgetary savings to the state treasurer for payment of debt service related to  
37 those projects; provided further, that any federal reimbursement received by a state agency in  
38 connection with projects funded from this item may be retained by the state agency or the  
39 executive office of technology services and security and expended for the purposes of the  
40 project, without further appropriation, in addition to the amounts appropriated in this  
41 item.....\$200,000,000

42           1790-3016     For costs associated with planning and studies, the preparation of plans  
43 and specifications, purchase, procurement, acquisition, licensing and implementation of  
44 information technology, telecommunications and data-security-related equipment, hardware,  
45 software, systems, intellectual property and related projects for various state agencies and public  
46 instrumentalities of the commonwealth to mitigate, avoid or respond to risks to the security of  
47 the commonwealth’s technology and telecommunications infrastructure or operations; provided,  
48 that for projects the secretary of administration and finance certifies to the comptroller directly or  
49 indirectly generate state revenue or budgetary savings, the comptroller shall transfer such  
50 revenue or budgetary savings to the state treasurer for payment of debt service related to those  
51 projects; provided further, that any federal reimbursement received by a state agency in  
52 connection with projects funded from this item may be retained by the state agency or the  
53 executive office of technology services and security and expended for the purposes of the  
54 project, without further appropriation, in addition to the amounts appropriated in this  
55 item.....\$200,000,000

56           1790-3017     For costs associated with planning and studies, the preparation of plans  
57 and specifications, purchase, procurement, acquisition, licensing and implementation of  
58 information technology, telecommunications and data-security-related equipment, hardware,  
59 software, systems, intellectual property and related projects for various state agencies of the  
60 commonwealth, including, but not limited to, executing strategic initiatives, improving business  
61 intelligence and modernizing governmental functions; provided, that for projects the secretary of  
62 administration and finance certifies to the comptroller directly or indirectly generate state  
63 revenue or budgetary savings, the comptroller shall transfer such revenue or budgetary savings to  
64 the state treasurer for payment of debt service related to those projects; provided further, that any  
65 federal reimbursement received by a state agency in connection with projects funded from this  
66 item may be retained by the state agency or the executive office of technology services and  
67 security and expended for the purposes of the project, without further appropriation, in addition  
68 to the amounts appropriated in this item.....\$250,000,000

69           SECTION 2B.

70                       EXECUTIVE OFFICE FOR ADMINISTRATION AND FINANCE

71                                       *Office of the Secretary*

72           1100-2519     For costs associated with initiatives, projects and expenditures to the  
73 quality, efficiency and delivery of any service or program for the benefit of the public and the  
74 interactions between residents and state agencies and instrumentalities of the commonwealth,  
75 including, but not limited to, planning and studies, the preparation of plans and specifications,  
76 purchase, procurement, acquisition, licensing and implementation of artificial intelligence and  
77 machine learning systems for the various state agencies of the commonwealth; provided, that

78 such initiatives, projects and expenditures shall be in accordance with enterprise security policies  
79 and other applicable administrative directives issued under section 3 of chapter 7D of the  
80 General Laws and approved by the executive office of technology services and security;  
81 provided further, that for projects the secretary of administration and finance certifies to the  
82 comptroller directly or indirectly generate state revenue or budgetary savings, the comptroller  
83 shall transfer such revenue or budgetary savings to the state treasurer for payment of debt service  
84 related to those projects; and provided further, that any federal reimbursement received by a state  
85 agency in connection with projects funded from this item may be retained by the state agency or  
86 the executive office of technology services and security and expended for the purposes of this  
87 project, without further appropriation, in addition to the amounts appropriated in this  
88 item.....\$25,000,000

89           1599-1953     For a competitive, matching grant program to be administered by the  
90 executive office for administration and finance, in consultation with the secretary of technology  
91 services and security, to assist municipalities and tribal governments with the construction of  
92 fiber broadband infrastructure and related projects and expenditures; provided, that priority for  
93 grants shall be given to completely unserved premises .....\$30,000,000

94           SECTION 2C.

95                           EXECUTIVE OFFICE FOR ADMINISTRATION AND FINANCE

96   *Office of the Secretary*

97           1100-2518     For capital funding for eligible cities, towns, regional organizations,  
98 including regional school districts and regional vocational technical high schools, whose  
99 membership is exclusively composed of municipal governments, tribes, local governmental

100 agencies, authorities or subdivisions, quasi-state agencies, public authorities and institutions and  
101 similar governmental agencies, for purposes, including, but not limited to, addressing threats to  
102 information systems, managing and reducing systemic risk, improving security of critical  
103 technology infrastructure and improving resilience; provided, that investments may include, but  
104 shall not be limited to, planning and studies, improvement to government efficiency and  
105 effectiveness, preparation of plans and specifications, asset modernization, information  
106 technology equipment and technical assistance.....\$150,000,000

107 *Department of Revenue*

108 1201-0003 For the division of local services within the department of revenue, for  
109 grants to carry out the community compact information technology grant program established in  
110 conjunction with executive order 554.....\$25,000,000

111 SECTION 2D.

112 EXECUTIVE OFFICE FOR ADMINISTRATION AND FINANCE

113 *Office of the Secretary*

114 1599-1954 For local information technology projects; provided, that not less than  
115 \$300,000 shall be expended for information technology upgrades for Gloucester city hall in the  
116 city of Gloucester; provided further, that not less than \$100,000 shall be expended for the city of  
117 Worcester's division of inspectional services to administer the online fire safety, health code and  
118 rental registry programs; provided further, that not less than \$100,000 shall be expended for the  
119 city of Worcester to study and implement software improvements to operate the electrical  
120 distribution gear at the municipal water treatment facility; provided further, that not less than

121 \$100,000 shall be expended for the city of Worcester to procure technology and electronic  
122 security improvement upgrades at the Park avenue and Webster square fire stations; provided  
123 further, that not less than \$50,000 shall be expended for the Worcester public schools to study  
124 and implement electronic security improvement upgrades at schools that service students in the  
125 Main South neighborhood; provided further, that not less than \$250,000 shall be expended for  
126 the city of Worcester to modernize traffic signal systems to improve the flow of traffic and  
127 increase safety for drivers, pedestrians and cyclists; provided further, that not less than \$750,000  
128 shall be expended to and disbursed equally among the town of Canton, the town of Stoughton  
129 and the town of Avon for information technology upgrades; provided further, that not less than  
130 \$43,000 shall be expended to the Medford fire department for the purchase of headset  
131 communication devices; provided further, that not less than \$150,000 shall be expended to the  
132 city of Medford for the payment portal to increase accessibility to city services; provided further,  
133 that not less than \$100,000 shall be expended to the town of Leicester to procure and install  
134 workstations and data servers for use by municipal and public safety departments that are  
135 compliant with updated data security standards; provided further, that not less than \$200,000  
136 shall be expended to the city of Medford for improvement and renovation of the network  
137 infrastructure; provided further, that not less than \$50,000 shall be expended to the town of  
138 Leicester for a more user-friendly customer service portal to facilitate compliance with business,  
139 planning and zoning ordinances; provided further, that not less than \$500,000 shall be expended  
140 for data center modernization upgrades in the city of Worcester; provided further, that not less  
141 than \$100,000 shall be expended to the town of Hingham for the South Shore Regional  
142 Emergency Communications Center to run fiber optic cable for emergency dispatch  
143 communications and to replace aging dispatch work stations; provided further, that not less than

144 \$150,000 shall be expended for the incorporation of artificial intelligence into business processes  
145 in the city of Worcester; provided further, that not less than \$17,000 shall be expended for  
146 improvements to the Frances Perkins Library in the city of Worcester; provided further, that not  
147 less than \$200,000 shall be expended for municipal fiber and communications improvements to  
148 municipal buildings in the town of West Boylston; provided further, that not less than \$500,000  
149 shall be expended for information technology upgrades for the city known as the town of  
150 Braintree; provided further, that not less than \$250,000 shall be expended for information  
151 technology upgrades for the town of Holbrook; provided further, that not less than \$20,000 shall  
152 be expended for the city of Worcester's Regional Emergency Communications Center to install  
153 audio-visual gate and access controls to improve security by offering visual confirmation of  
154 access requests to both the building and site, as well as automated entry on the site; provided  
155 further, that not less than \$50,000 shall be expended for the city of Worcester's Meade street  
156 office building to acquire door access controls and cameras; provided further, that not less than  
157 \$250,000 shall be expended for the city of Worcester information technology department to  
158 develop a data lake and data warehouse model to improve local operations and efficacy;  
159 provided further, that not less than \$50,000 shall be expended for the Worcester public schools  
160 for the purchase of software for the tracking of facilities master plans and deferred maintenance  
161 projects to allow for the development of 5-year capital plans, maintenance spending and major  
162 renovation or replacement projects; provided further, that not less than \$100,000 shall be  
163 expended for the Worcester public schools to upgrade their database servers to the latest version  
164 to better deliver services and maintain security protocols; provided further, that not less than  
165 \$6,000 shall be expended for purchase of a new server in the town of Plympton; provided  
166 further, that not less than \$50,000 shall be expended to the town of Hull to upgrade the



167 communications and technology infrastructure to outfit its new location; provided further, that  
168 not less than \$55,000 shall be expended for website upgrades and to allow for acceptance of  
169 online payments in the town of Kingston; provided further, that not less than \$200,000 shall be  
170 expended for website upgrades and digitization of records for public viewing in the town of  
171 Halifax; provided further, that not less than \$160,000 shall be expended to the town of Wayland  
172 to improve its cybersecurity and resiliency posture through improvements in their endpoint  
173 security systems, development of both a comprehensive incident response plan and disaster  
174 recovery plan and implementation of off-site disaster recovery infrastructure; provided further,  
175 that not less than \$85,000 shall be expended to the town of Lincoln to reconfigure and separate  
176 the Lincoln public safety department's information technology network so that it meets the  
177 department of criminal justice information services' security requirements; provided further, that  
178 not less than \$125,000 shall be expended to the town of Sudbury for information technology  
179 improvements for the Sudbury public schools; provided further, that not less than \$150,000 shall  
180 be expended to the Darrell Lee Jenkins Jr. Resource Center, Inc. in the city of Springfield for  
181 technology resources that provide support services to families who have been impacted by gun  
182 violence; provided further, that not less than \$500,000 shall be expended to New North Citizens  
183 Council, Inc. in the city of Springfield for information technology infrastructure in the Barbara  
184 Rivera Community Center to enable its delivery of community support services; provided  
185 further, that not less than \$500,000 shall be expended for Springfield Commonwealth Academy  
186 in the city of Springfield for resources that provide technology and financial education to inner-  
187 city residents; provided further, that not less than \$250,000 shall be expended for information  
188 technology upgrades and digitization of records for the Ferreira-Mendes Portuguese-American  
189 Archives at University of Massachusetts at Dartmouth; provided further, that not less than

190 \$250,000 shall be expended for internet upgrades including wi-fi for the New Bedford free  
191 public library; provided further, that not less than \$200,000 shall be expended for information  
192 technology upgrades at Fitchburg city hall in the city of Fitchburg; provided further, that not less  
193 than \$100,000 shall be expended to the town of Lunenburg for cybersecurity improvements for  
194 the Lunenburg public schools; provided further, that not less than \$15,000 shall be expended for  
195 municipal technology upgrades to accommodate remote work in the town of Blackstone;  
196 provided further, that not less than \$30,000 shall be expended for increasing security and  
197 detection measures to prevent identity-driven breaches in the town of Arlington; provided  
198 further, that not less than \$300,000 shall be expended for network upgrades to increase access  
199 and connectivity for public meetings and events in the town of Arlington; provided further, that  
200 not less than \$100,000 shall be expended for information technology improvements in the city of  
201 West Springfield; and provided further, that not less than \$43,000 shall be expended for  
202 electronic voting technology upgrades in the town of Sharon.....\$7,499,000

203 LEGISLATURE

204 House of Representatives

205 9600-2024 For necessary information technology upgrades for the house of  
206 representatives.....\$5,000,000

207 SECTION 3. Chapter 29 of the General Laws is hereby amended by inserting after  
208 section 2DDDDDD the following section:-

209 Section 2EEEEEE. (a) There shall be established and set up on the books of the  
210 commonwealth a separate, non-budgeted special revenue fund known as the Information  
211 Technology Federal Reimbursement Fund, which shall be administered by the secretary of

212 technology services and security. The secretary shall expend money in the fund for information  
213 technology projects related to the commonwealth's health and human services. There shall be  
214 credited to the fund: (i) amounts equal to any federal financial participation revenues claimed  
215 and received by the commonwealth for eligible expenditures made from this fund or from  
216 eligible expenditures made in direct connection with eligible expenditures made from this fund;  
217 and (ii) interest earned on any money in the fund. Amounts credited to the fund shall be  
218 expended without further appropriation.

219 (b) To accommodate timing discrepancies between the receipt of revenue and related  
220 expenditures, the comptroller may certify for payment amounts not to exceed the most recent  
221 revenue estimates as certified by the secretary to be transferred, credited or deposited under this  
222 section. Money remaining in the fund at the end of a fiscal year shall not revert to the General  
223 Fund and shall be available for expenditure in subsequent fiscal years.

224 SECTION 4. To meet the expenditures necessary to carry out sections 2A and 2B, the  
225 state treasurer shall, upon request of the governor, issue and sell bonds of the commonwealth in  
226 an amount to be specified by the governor from time to time, but not exceeding, in the aggregate,  
227 \$1,055,000,000. All bonds issued by the commonwealth under this section shall be designated on  
228 their face, "FutureTech Act of 2024", and shall be issued for a maximum term of years, not  
229 exceeding 10 years, as the governor may recommend to the general court under section 3 of  
230 Article LXII of the Amendments to the Constitution. All such bonds shall be payable not later  
231 than June 30, 2039.

232 SECTION 5. To meet the expenditures necessary to carry out section 2C, the state  
233 treasurer shall, upon request of the governor, issue and sell bonds of the commonwealth in an

234 amount to be specified by the governor from time to time, but not exceeding, in the aggregate,  
235 \$175,000,000. All bonds issued by the commonwealth under this section shall be designated on  
236 their face, "FutureTech Act of 2024", and shall be issued for a maximum term of years, not  
237 exceeding 30 years, as the governor may recommend to the general court under section 3 of  
238 Article LXII of the Amendments to the Constitution. All such bonds shall be payable not later  
239 than June 30, 2059.

240 SECTION 6. To meet the expenditures necessary to carry out section 2D, the state  
241 treasurer shall, upon request of the governor, issue and sell bonds of the commonwealth in an  
242 amount to be specified by the governor from time to time, but not exceeding, in the aggregate,  
243 \$12,499,000. All bonds issued by the commonwealth under this section shall be designated on  
244 their face, "FutureTech Act of 2024", and shall be issued for a maximum term of years, not  
245 exceeding 10 years, as the governor may recommend to the general court under section 3 of  
246 Article LXII of the Amendments to the Constitution. All such bonds shall be payable not later  
247 than June 30, 2039.