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SENATE BILL NO. 1137

Offered January 8, 2025

Prefiled January 7, 2025

A BILL to amend and reenact § 2.2-203.2:4 of the Code of Virginia and to amend the Code of Virginia by adding in Chapter 20.1 of Title 2.2 an article numbered 8, consisting of a section numbered 2.2-2034.1, relating to Office of Data Governance and Analytics; oversight; Chief Data Officer; duties.

Patrons—Boysko; Delegate: Shin

Referred to Committee on General Laws and Technology

Be it enacted by the General Assembly of Virginia:

1. That § 2.2-203.2:4 of the Code of Virginia is amended and reenacted and that the Code of Virginia is amended by adding in Chapter 20.1 of Title 2.2 an article numbered 8, consisting of a section numbered 2.2-2034.1, as follows:

§ 2.2-203.2:4. Chief Data Officer; created; report.

A. As used in this section, unless the context requires a different meaning:

"Board" means the Executive Data Board.

"CDO" means the Chief Data Officer of the Commonwealth.

"Commonwealth Data Trust" means a secure, multi-stakeholder data exchange and analytics platform with common rules for data security, privacy, and confidentiality. The Commonwealth Data Trust includes data from state, regional, and local governments, from public institutions of higher education, and from any other sources deemed necessary and appropriate.

"Council" means the Data Governance Council.

"Group" means the Data Stewards Group.

"Office" means the Office of Data Governance and Analytics as created pursuant to § 2.2-2034.1.

"Open data" means data that is collected by an agency that is not prohibited from being made available to the public by applicable laws or regulations or other restrictions, requirements, or rights associated with such data.

B. There is created in the Office of the Secretary of Administration the Office of Data Governance and Analytics to foster and oversee the effective sharing of data among state, regional, and local public entities and public institutions of higher education, implement effective data governance strategies to maintain data integrity and security, and promote access to Commonwealth data. The purpose of the Office shall be to (i) improve compliance with the Government Data Collection and Dissemination Practices Act (§ 2.2-3800 et seq.); (ii) increase access to and sharing of Commonwealth data, including open data, between state, regional and local public entities and public institutions of higher education across all levels of government; (iii) Increase the use of data and data analytics to improve the efficiency and efficacy of government services and improve stakeholder outcomes; and (iv) establish the Commonwealth as a national leader in data-driven policy, evidence-based decision making, and outcome-based performance management.

C. The Office shall have the following powers and duties:

1. To support the collection, dissemination, analysis, and proper use of data by state agencies and public entities as defined in the Government Data Collection and Dissemination Practices Act (§ 2.2-3800 et seq.);

2. To facilitate and guide data-sharing efforts between state, regional, and local public entities and public institutions of higher education;

3. To develop innovative data analysis and intelligence methodologies and best practices to promote data-driven policy making, decision making, research, and analysis;

4. To manage and administer the Commonwealth Data Trust;

5. To assist the Chief Data Officer and the Chief Information Officer of the Commonwealth in the development of a comprehensive six-year Commonwealth strategic plan for information technology;

6. In cooperation with the Chief Information Officer of the Commonwealth, to provide technical assistance to state agencies, local governments, and regional entities to establish and promote data sharing and analytics projects including data storage, data security, privacy, compliance with federal law, the de-identification of data for research purposes, and the appropriate access to and presentation of open data and datasets to the public;

7. To develop measures and targets related to the performance of the Commonwealth's data governance, sharing, analytics, and intelligence program;

8. To undertake, identify, coordinate, and oversee studies linking government services to stakeholder outcomes;

9. To implement a website dedicated to (i) hosting open data from state, regional, and local public entities

59 and public institutions of higher education and (ii) providing links to any other additional open data websites
60 in the Commonwealth;

61 10. To provide staff and operational support to the Virginia Data Commission, Executive Data Board,
62 Data Governance Council, and Data Stewards Group;

63 11. To apply for and accept grants from the United States government and agencies and instrumentalities
64 thereof and any other source. To those ends, the Office shall have the power to comply with such conditions
65 and execute such agreements as may be necessary or desirable;

66 12. To solicit, receive, and consider proposals for funding projects or initiatives from any state or federal
67 agency, local or regional government, public institution of higher education, nonprofit organization, or
68 private person or corporation;

69 13. To enter into public-private partnerships and agreements with public institutions of higher education
70 in the Commonwealth to conduct data sharing and analytics projects;

71 14. To solicit and accept funds, goods, and in-kind services that are part of any accepted project proposal;

72 15. To establish ad hoc committees or project teams to investigate related technology or technical issues
73 and provide results and recommendations for Office action;

74 16. To enter into reciprocal data-sharing agreements with state agencies for the purpose of sharing
75 veteran-specific data in order to support data-informed outreach plans for veterans. Such agencies may
76 include the Department of Veterans Services, Department of Corrections, Department of Social Services,
77 Virginia Employment Commission, Department of Small Business and Supplier Diversity, Department of
78 Taxation, and other relevant state agencies that have access to data regarding veterans residing in the
79 Commonwealth; and

80 17. To establish such bureaus, sections, or units as the Office deems appropriate to carry out its goals and
81 responsibilities.

82 There is created in the Office of the Secretary of Administration the position of Chief Data Officer of the
83 Commonwealth to ~~oversee the operation of~~ lead the Office of Data Governance and Analytics. The CDO
84 shall exercise and perform the duties conferred or imposed upon him by law and perform such other duties as
85 may be required by the Governor and the Secretary of Administration. The CDO shall not be considered the
86 custodian of any public records in or derived from the Commonwealth Data Trust. The CDO shall:

87 1. Establish business rules, guidelines, and best practices for the use of data, including open data, in the
88 Commonwealth. Such rules, guidelines, and best practices shall address, at a minimum, (i) the sharing of data
89 between state, regional, and local public entities and public institutions of higher education, and, when
90 appropriate, private entities; (ii) data storage; (iii) data security; (iv) privacy; (v) compliance with federal law;
91 (vi) the de-identification of data for research purposes; and (vii) the appropriate access to and presentation of
92 open data and datasets to the public;

93 2. Assist state, regional, and local public entities, public institutions of higher education, and employees
94 thereof, with the application of the Government Data Collection and Dissemination Practices Act (§ 2.2-3800
95 et. seq.) and understanding the applicability of federal laws governing privacy and access to data to the data
96 sharing practices of the Commonwealth;

97 3. Assist the Chief Information Officer of the Commonwealth with matters related to the creation, storage,
98 and dissemination of data upon request;

99 4. Encourage and coordinate efforts of state, regional, and local public entities and public institutions of
100 higher education to access and share data, including open data, across all levels of government in an effort to
101 improve the efficiency and efficacy of services, improve outcomes, and promote data-driven policy making,
102 decision making, research, and analysis;

103 5. Oversee the implementation of a website dedicated to (i) hosting open data from state, regional, and
104 local public entities and public institutions of higher education and (ii) providing links to any other additional
105 open data websites in the Commonwealth;

106 6. Enter into contracts for the purpose of carrying out the provisions of this section;

107 7. ~~Rent office space and procure equipment, goods, and services necessary~~ Obtain from the Virginia
108 Information Technologies Agency office space and human resources, procurement, fiscal, and other
109 administrative support and resources necessary to support the operations of the Office and to carry out the
110 provisions of this section; and

111 8. Report on the activities of the Office; and the Commonwealth Data Trust; and the Virginia Data
112 Commission established pursuant to Article 13 (§ 2.2-2558 et seq.) of Chapter 25 annually by December 1 to
113 the Governor and the General Assembly.

114 E. C. The Commonwealth Data Trust shall be governed by a multi-level governance structure as follows:

115 1. The Executive Data Board shall consist of the directors or chief executives, or their designees, of
116 executive branch agencies engaged in data sharing and analytics projects with the Commonwealth Data Trust.
117 The CDO shall chair the Board. Members of the Board shall (i) translate the Commonwealth's data-driven
118 policy goals and objectives into performance targets at their respective agencies; (ii) allocate appropriate
119 resources at their respective agencies to support data governance, sharing, and analytics initiatives; and (iii)

120 provide any reports to the Office regarding their respective agencies' data analytics work and implementation
121 of recommendations.

122 2. The Data Governance Council shall consist of employees of the agencies represented on the Board,
123 selected by the Board members from their respective agencies. The CDO, or his designee, shall chair the
124 Council. The Council shall (i) liaise between state agency operations and the CDO; (ii) advise the CDO on
125 data technology, policy, and governance structure; (iii) administer data governance policies, standards, and
126 best practices, as set by the Board; (iv) oversee data sharing and analytics projects; (v) review open data
127 assets prior to publication; (vi) provide to the Board any reports on the Council's recommendations and work
128 as required by the Board; (vii) develop necessary privacy and ethical standards and policies for
129 Commonwealth Data Trust resources; (viii) monitor the sharing of Commonwealth Data Trust member-
130 contributed data resources; (ix) review and approve new Commonwealth Data Trust-managed data resources;
131 and (x) conduct any other business the CDO deems necessary for Commonwealth Data Trust governance.

132 3. The Data Stewards Group shall consist of employees from executive branch agencies with technical
133 experience in data management or data analytics. Executive branch agencies shall be encouraged to designate
134 at least one agency data steward to serve on the Group and may designate multiple data stewards as
135 appropriate based upon organizational or data system responsibilities. The Group shall (i) provide the Board
136 and Council with technical subject matter expertise in support of data policies, standards, and best practices;
137 (ii) implement data sharing and analytics projects promoting data accessibility, sharing, and reuse, thereby
138 reducing redundancy across the Commonwealth; (iii) coordinate and resolve technical stewardship issues for
139 standardized data; (iv) ensure data quality processes and standards are implemented consistently by agencies
140 in the Commonwealth; (v) provide communication and education to data users on the appropriate use,
141 sharing, and protection of the Commonwealth's data assets; (vi) promote the collection and sharing of
142 metadata by registering data assets in the Virginia Data Catalog; (vii) liaise with agency project managers and
143 information technology investment staff to ensure adherence to Commonwealth data standards and data
144 sharing requirements; and (viii) support informed, data-driven decision making through compliance with
145 Commonwealth data policies, standards, and best practices.

146 *F. D.* In carrying out the provisions of this section, the Office shall coordinate and collaborate with, to the
147 fullest extent authorized by federal law and notwithstanding any state law to the contrary, all agencies set
148 forth in subsection A of § 2.2-212 and subsection A of § 2.2-221; any other state, regional, and local public
149 bodies, including community services boards; local law-enforcement agencies; any health and human
150 services-related entity of a political subdivision that receives state funds; public institutions of higher
151 education; and, when appropriate, private entities.

152 *G. E.* The Office shall be considered an agent of any state agency in the executive branch of government
153 that shares information or data with the *office Office*, and shall be an authorized recipient of information
154 under any statutory or administrative law governing the information or data. Interagency data shared pursuant
155 to this section shall not constitute a disclosure or release of information or data under any statutory or
156 administrative law governing the information or data.

157 *H. F.* The Office shall be responsible for overseeing and supporting any workforce development data
158 systems authorized under the Secretary of Labor to ensure the interoperability of the systems, to facilitate
159 data sharing, to identify innovative technology solutions, and to support processes that create data-informed
160 decisions.

161 *Article 8.*

162 *Office of Data Governance and Analytics.*

163 **§ 2.2-2034.1. Office of Data Governance and Analytics created.**

164 *A. As used in this section, unless the context requires a different meaning:*

165 *"CDO" means the Chief Data Officer of the Commonwealth.*

166 *"Commonwealth Data Trust" means a secure, multi-stakeholder data exchange and analytics platform*
167 *with common rules for data security, privacy, and confidentiality. The Commonwealth Data Trust includes*
168 *data from state, regional, and local governments, from public institutions of higher education, and from any*
169 *other sources deemed necessary and appropriate.*

170 *"Office" means the Office of Data Governance and Analytics as created in this section.*

171 *"Open data" means data that is collected by an agency that is not prohibited from being made available*
172 *to the public by applicable laws or regulations or other restrictions, requirements, or rights associated with*
173 *such data.*

174 *B. There is created in the Virginia Information Technologies Agency the Office of Data Governance and*
175 *Analytics to foster and oversee the effective sharing of data among state, regional, and local public entities*
176 *and public institutions of higher education, implement effective data governance strategies to maintain data*
177 *integrity and security, and promote access to Commonwealth data. The Office shall be overseen by the Chief*
178 *Information Officer of the Commonwealth as a part of the Virginia Information Technologies Agency but led*
179 *in strategy and prioritization by the Chief Data Officer, as established pursuant to § 2.2-203.2:4. The*
180 *purpose of the Office shall be to (i) improve compliance with the Government Data Collection and*

181 *Dissemination Practices Act (§ 2.2-3800 et seq.); (ii) increase access to and sharing of Commonwealth data,*
182 *including open data, between state, regional, and local public entities and public institutions of higher*
183 *education across all levels of government; (iii) increase the use of data and data analytics to improve the*
184 *efficiency and efficacy of government services and stakeholder outcomes; and (iv) establish the*
185 *Commonwealth as a national leader in data-driven policy, evidence-based decision making, and*
186 *outcome-based performance management.*

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188 *1. To support the collection, dissemination, analysis, and proper use of data by state agencies and public*
189 *entities as defined in the Government Data Collection and Dissemination Practices Act (§ 2.2-3800 et seq.);*

190 *2. To facilitate and guide data-sharing efforts between state, regional, and local public entities and public*
191 *institutions of higher education;*

192 *3. To develop innovative data analysis and intelligence methodologies and best practices to promote*
193 *data-driven policy making, decision making, research, and analysis;*

194 *4. To manage and administer the Commonwealth Data Trust;*

195 *5. To assist the Chief Data Officer and the Chief Information Officer of the Commonwealth in the*
196 *development of a comprehensive six-year Commonwealth strategic plan for information technology;*

197 *6. In cooperation with others in the Virginia Information Technologies Agency, to provide technical*
198 *assistance to state agencies, local governments, and regional entities to establish and promote data sharing*
199 *and analytics projects, including data storage, data security, privacy, compliance with federal law, the*
200 *de-identification of data for research purposes, and the appropriate access to and presentation of open data*
201 *and datasets to the public;*

202 *7. To develop measures and targets related to the performance of the Commonwealth's data governance,*
203 *sharing, analytics, and intelligence program;*

204 *8. To undertake, identify, coordinate, and oversee studies linking government services to stakeholder*
205 *outcomes;*

206 *9. To implement a website dedicated to (i) hosting open data from state, regional, and local public entities*
207 *and public institutions of higher education and (ii) providing links to any other additional open data websites*
208 *in the Commonwealth;*

209 *10. To provide staff and operational support to the Executive Data Board, Data Governance Council, and*
210 *Data Stewards Group, the multi-level governance structure established pursuant to § 2.2-203.2:4 that*
211 *governs the Commonwealth Data Trust;*

212 *11. To apply for and accept grants from the United States government and agencies and instrumentalities*
213 *thereof and any other source. To those ends, the Office shall have the power to comply with such conditions*
214 *and execute such agreements as may be necessary or desirable;*

215 *12. To solicit, receive, and consider proposals for funding projects or initiatives from any state or federal*
216 *agency, local or regional government, public institution of higher education, nonprofit organization, or*
217 *private person or corporation;*

218 *13. To enter into public-private partnerships and agreements with public institutions of higher education*
219 *in the Commonwealth to conduct data sharing and analytics projects;*

220 *14. To solicit and accept funds, goods, and in-kind services that are part of any accepted project*
221 *proposal;*

222 *15. To establish ad hoc committees or project teams to investigate related technology or technical issues*
223 *and provide results and recommendations for Office action; and*

224 *16. To enter into reciprocal data-sharing agreements with state agencies for the purpose of sharing*
225 *veteran-specific data in order to support data-informed outreach plans for veterans. Such agencies may*
226 *include the Department of Veterans Services, Department of Corrections, Department of Social Services,*
227 *Virginia Employment Commission, Department of Small Business and Supplier Diversity, Department of*
228 *Taxation, and other relevant state agencies that have access to data regarding veterans residing in the*
229 *Commonwealth.*