Indicators for the *Coroners Act*, November 1, 2019 – August 2, 2022

Part 1 – Privacy Indicators

General Privacy Policies, Procedures and Practices

	Indicator	Answer
1	The dates that the privacy policies and procedures were reviewed by the prescribed entity since the prior review of the Information and Privacy Commissioner of Ontario (IPC).	Please see Appendix A
2	Whether amendments were made to existing privacy policies and procedures as a result of the review, and if so, a list of the amended privacy policies and procedures and, for each policy and procedure amended, a brief description of the amendments made.	
3	Whether new privacy policies and procedures were developed and implemented as a result of the review, and if so, a brief description of each of the policies and procedures developed and implemented.	
4	The date that each amended and newly developed privacy policy and procedure was communicated to agents and, for each amended and newly developed privacy policy and procedure communicated to agents, the nature of the communication.to agents.	
5	Whether communication materials available to the public and other stakeholders were amended as a result of the review, and if so, a brief description of the amendments.	

Collection

	Indicator	Answer
6	The number of data holdings containing personal information (PI) maintained by the prescribed entity.	Total: 01
7	The number of statements of purpose developed for data holdings containing PI.	Total: 01
8	The number and a list of statements of purpose for data holdings containing PI that were reviewed since the prior review by the IPC.	Total: 01 Drug and Drug/Alcohol-related Deaths (DDARD) DDARD contains data on drug and alcohol related deaths in Ontario. The data are required to enable analytics and research into opioid mortality and non-opioid, substance-related mortalities in Ontario, in order to prevent further deaths.
9	Whether amendments were made to existing statements of purpose for data holdings containing PI as a result of the review, and if so, a list of the amended statements of purpose and, for each statement of purpose amended, a brief description of the amendments made.	No amendments were made to the statement of purpose
10	The number of section 52.1 (1) Agreements executed with the Chief Coroner from whom PI was collected since the prior review by the IPC.	Total executed agreements: 01 Total amendments to the agreement: 02

Use

	Indicator	Answer
11	The number of agents granted approval to access and use PI for purposes other than research	Total: 72 DQIM: 27 IT: 14 R&A: 30 Facilities: 1
12	The number of requests received for the use of PI for research under section 52.1 of the Coroners Act since the prior review by the IPC.	Total: 0
13	The number of requests for the use of PI for research purposes under section 52.1 of the Coroners Act that were granted and that were denied since the prior review by the IPC.	N/A
14	The number of requests received for the use of PI for research under section 4 of the regulation since the prior review by the IPC.	Total: 0

15	The number of requests for the use of PI for research purposes under section 4 of the regulation that were granted and that were denied since the prior review by the IPC.	N/A

Disclosure

	Indicator	Answer
16	The number of requests received for the disclosure of PI for purposes other than research since the prior review by the IPC.	Total: 0
17	The number of requests for the disclosure of PI for purposes other than research that were granted and that were denied since the prior review by the IPC.	N/A
18	The number of requests received for the disclosure of PI for research purposes since the prior review by the IPC.	Total: 0
19	The number of requests for the disclosure of PI for research purposes that were granted and that were denied since the prior review by the IPC.	N/A
20	The number of Research Agreements executed with researchers to whom PI was disclosed since the prior review by the IPC.	Total: 0
21	The number of requests received for the disclosure of de-identified and/or aggregate information for both research and other purposes since the prior review by the IPC.	Total: 0
22	The number of acknowledgements or agreements executed by persons to whom de-identified and/or aggregate information was disclosed for both research and other purposes since the prior review by the IPC.	Total: 0

Agreements with Third Party Service Providers

	Indicator	Answer
23	The number of agreements executed with third party service providers with access to PI since the prior review by the IPC.	Total: 4

Data Linkage

	Indicator	Answer
24	The number and a list of data linkages of PI approved since the prior review by the IPC.	Total: 26 Please see Appendix B

Privacy Impact Assessments

	Indicator	Answer
25	The number and a list of privacy impact assessments (PIAs) completed since the prior review of the IPC, and for each PIA: • the data holding, information system, technology or program; • the date of completion of the PIA; • a brief description of each recommendation; • the date each recommendation was addressed or is proposed to be addressed; and • the manner in which each recommendation was addressed or is proposed to be addressed	Total: 03 Please see Appendix C
26	The number and a list of PIAs undertaken but not completed since the prior review by the IPC and the proposed date of completion	Total: 0
27	The number and a list of PIAs that were not undertaken but for which PIAs will be completed and the proposed date of completion	Total: 0
28	The number of determinations made since the prior review by the IPC that a PIA is not required and, for each determination, the data holding, information system, technology or program at issue and a brief description of the reasons for the determination	Total: 0
29	The number and a list of PIAs reviewed since the prior review by the IPC and a brief description of any amendments made	See above details in Indicator #25

Privacy Audit Program

	Indicator	Answer
30	The dates of audits of agents granted approval to access and use PI since the prior review of the IPC, and for each audit conducted: • a brief description of each recommendation made; • the date each recommendation was addressed or is proposed to be addressed; and • the manner in which each recommendation was addressed or is proposed to be addressed	Total: 03 Please see Appendix D
31	The number and a list of all other privacy audits completed since the prior review of the IPC, and for each audit: • a description of the nature and type of audit conducted; • the date of completion of the audit; • a brief description of each recommendation made; • the date each recommendation was addressed or is proposed to be addressed; and • the manner in which each recommendation was addressed or is proposed to be addressed	Total: 0

Privacy Breaches

	Indicator	Answer
32	The number of notifications of privacy breaches or suspected privacy breaches received by the prescribed entity since the prior review by the IPC,	Total: 0
33	With respect to each privacy breach or suspected privacy breach: • the date that the notification was received; • the extent of the privacy breach or suspected privacy breach; • whether it was internal or external; • the nature and extent of PI at issue; • the date senior management was notified; • the containment measures were implemented; • the date(s) containment measures implemented; • the date(s) that notification was provided to the Chief Coroner or any other persons or organizations; • the date that the investigation was commenced; • the date that the investigation was completed; • a brief description of each recommendation made; • the date each recommendation was addressed or is proposed to be addressed and; • the manner in which each recommendation was addressed or is proposed to be addressed	N/A

Privacy Complaints

	Indicator	Answer
34	The number of privacy complaints received since the prior review by the IPC,	Total: 0
35	Of the privacy complaints received, the number of privacy complaints investigated since the prior review by the IPC, and with respect to each privacy complaint investigated: • The date that the complaint was received; • The nature of the privacy complaint; • The date that the investigation was commenced; • The date of the letter to the individual who made the privacy complaint in relation to the commencement of the investigation; • The date that the investigation was completed; • a brief description of each recommendation made; • the date each recommendation was addressed or is proposed to be addressed; • the manner in which each recommendation was addressed or is proposed to be addressed; • the date of the letter to the individual who made the privacy complaint describing the nature and findings of the investigation and measures taken in response to the complaint; and • the date the Chief Coroner was notified of the complaint and the results of the investigation.	N/A

36	Of the privacy complaints received, the number of privacy complaints not investigated since the prior review by the IPC, and with respect to each privacy complaint not investigated: • The date the privacy complaint was received; • The nature of the privacy complaint; and • The date of the letter to the individual who made the privacy complaint and a brief description of the content of the letter.	N/A

Part 2 – Security Indicators – same indicators as PHIPA

General Security Policies, Procedures and Practices

	Indicator	Answer
37	The dates that the security policies and procedures were reviewed by the prescribed entity since the prior review by the IPC.	Please see Appendix A
38	Whether amendments were made to existing security policies and procedures as a result of the review, and if so, a list of the amended security policies and procedures and for each policy and procedures amended, a brief description of each of the amendments made.	
39	Whether new security policies and procedures were developed and implemented as a result of the review, and if so, a brief description of each of the policies and procedures developed and implemented.	
40	The date that each amended and newly developed security policy and procedure was communicated to agents, and each amended and newly developed security policy and procedure communicated to agents, the nature of the communication.	
41	Whether communication materials available to the public and other stakeholders were amended as a result of the review, and if so, a brief description of the amendments	

Physical Security

	Indicator	Answer
42	The dates of audits of agents granted approval to access the premises and locations within the premises where records of PI are retained since the prior review by the IPC and for each audit: • a brief description of each recommendation made; • the date each recommendation was addressed or is proposed to be addressed; and • the manner in which each recommendation was addressed or is proposed to be addressed	Physical Security Audit: 01 Please see Appendix E

Security Audit Program

	Indicator	Answer
43	The dates of the review of system control and audit logs since the prior review by the IPC and a general description of the findings, if any, arising from the review of system control and audit logs.	Please see Appendix F
44	The number and a list of security audits completed since the prior review by the IPC and for each audit: • a description of the nature and type of audit conducted; • the date of completion of the audit; • a brief description of each recommendation made; • the date each recommendation was addressed or proposed to be addressed; and • the manner in which each recommendation was addressed or is expected to be addressed	Total: 102 Please see Appendix F

Information Security Breaches

	Indicator	Answer
45	The number of notifications of information security breaches or suspected information security breaches received by the prescribed entity since the prior review by the IPC.	Total security breaches: 01 Total security incidents: 14
46	With respect to each information security breach or suspected privacy breach: • the date that the notification was received; • the extent of the information security breach or suspected information security breach; • the nature and extent of PI at issue; • the date that senior management was notified; • the containment measures implemented; • the date(s) that the containment measures implemented; • date(s) that notification was provided to the Chief Coroner or other persons or any organizations; • the date that the investigation was commenced; • the date that the investigation was completed; • a brief description of each recommendation made; • the date each recommendation was addressed or is proposed to be addressed and; • the manner in which each recommendation was addressed or is proposed to be addressed	Please see Appendix G

Part 3 – Human Resources Indicators

Privacy Training and Awareness

	Indicator	Answer
47	The number of agents who have received and who have not received initial privacy orientation since the prior review by the IPC.	Total: 0 **2023 clarification:** Please note privacy training as of August 2022 did not include content specifically related to the *Coroners Act*. Since then ICES has made these additions to the initial orientation and the annual privacy training, and is now in compliance.
48	The date of commencement of the employment, contractual or other relationship for agents who have yet to receive initial privacy orientation and the scheduled date of the initial privacy orientation	Please see Indicator 47
49	The number of agents who have attended and who have not attended ongoing privacy training each year since the prior review by the IPC.	Please see Indicator 47
50	The dates and number of communications to agents in relation to privacy since the prior review by the IPC and a brief description of each communication	Please see Appendix H

Security Training and Awareness

	Indicator	Answer
51	The number of agents who have received and not received initial security orientation since the prior review by the IPC.	Total orientations received: 526 Total orientations not received: 0
52	The date of commencement of employment, contractual or other relationship for agents that have yet to receive initial security orientation and the scheduled date of the initial privacy orientation.	N/A – all agents received initial security orientation
53	The number of agents who have attended and who have not attended ongoing security training each year since the prior review by the IPC.	**2019 annual training** Annual training occurred prior to November 1, 2019 **2020 annual training** Agents completed: 745 Agents not completed: 2 **2021 annual training** Agents completed: 796 Agents not completed: 7 **2022 annual training** Agents completed: 800

		Agents not completed: 3 **2023 clarification:** 2022 total has been calculated to capture completion after August 2, 2022 because annual training was ongoing in August/September 2022
54	The dates and number of communications to agents by the prescribed entity.in relation to information security since the prior review by the IPC.	Please see Appendix I

Confidentiality Agreements

	Indicator	Answer
55	The number of agents who have executed and who have not executed Confidentiality Agreements each year since the prior review with the prescribed entity.	Total: 0 **2023 clarification:** Please note ICES' confidentiality agreement as of August 2022 did not include content specifically related to the *Coroners Act*. Since then ICES has made these additions to the confidentiality agreement signed by ICES Agents when onboarded and then on an annual basis afterward.
56	The date of commencement of the employment, contractual or other relationship for agents that have yet to execute the Confidentiality Agreement and the date by which the Confidentiality Agreement must be executed	Please see Indicator 55

Termination or Cessation

	Indicator	Answer
57	The number of notifications received from agents since the prior review by the IPC related to termination of their employment, contractual or other relationship with the prescribed entity.	Total: 119

Part 4 – Organizational Indicators

Risk Management

	Indicator	Answer
58	The dates that the corporate risk register was reviewed the prescribed entity since the prior review by the IPC.	**2021** March 31 April 29 May 31 June 28 July 20 September 12 October 4 October 28 November 24 December 15 **2022** January 25 February 16 March 31 May 30 June 3
59	Whether amendments were made to the corporate risk register as a result of the review, and if so, a brief description of the amendments made	The Corporate Risk Register (Enterprise and Department) was reviewed monthly in 2021. The Risk Register/Dashboard is now reviewed on a quarterly basis by the Enterprise Risk Management Committee; the Executive Team; and the Finance, Audit, and Risk Committee. On a monthly basis, and as needed, the Risk Register is reviewed and risks are added/closed/amended as necessary.

Business Continuity and Disaster Recovery

	Indicator	Answer
60	The dates that the business continuity and disaster recovery plan was tested since the prior review by the IPC.	6/01/2020: This was a successful disaster recovery test of: • Research Analytical Environment • Citrix • Intranet • Internal SharePoint • Network Shares • Axway • Microsoft Identity Manager 18/11/2021: This was a successful disaster recovery test of: • Research Analytical Environment • Citrix • Intranet • Internal SharePoint • Network Shares • Axway • Microsoft Identity Manager 07/12/2021: Successful test of ICES CIRP through a tabletop exercise
61	Whether amendments were made to the business continuity and disaster recovery plan as a result of the testing, and if so, a brief description of the amendments made	6/01/2020: No amendments required 18/11/2021 1. Storage Recovery - Script of the DR runbook to mount the volumes and junction path has been updated to remove volumes no longer in use. 2. Access Shared Drives Select - After users log in to DR Pulse Secure VPN, the users cannot connect to the Shared drives. Steps were added to the DR runbook to troubleshoot and resolve this issue. 3. The user is unable to log in to Axway. - Steps are added in the DR runbook to ensure the tester/user is part of the sftgroup in AD. 07/12/2021: The tabletop exercise was conducted on December 7, 2021. This exercise was organized and led by a law firm and the resulting recommendations are considered privileged and confidential. At a high level, we can report that the recommendations included: to make certain updates to the Cyber Incident Response Plan (“CIRP”) (regarding contact information for ICES team members and relevant vendors), and the escalation procedure, as well as to address certain communications and public relations needs between the senior leadership and our stakeholders, and mature processes related to certain legal requirements. We will be tackling each of the recommendations and then test our progress through another tabletop exercise in Fall 2022.

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

Statement by ICES as of August 2, 2022:

On October 29, 2021, we informed the IPC via a formal letter that since early 2021 we have been working on an initiative to complete a comprehensive review of the full suite of privacy and security policies and procedures (the “Policy Refresh Project”) to support our compliance with PHIPA and the Manual for Review and Approval of Prescribed Persons and Prescribed Entities (the “Manual”). This work started with building out ICES’ Policy Framework and Governance Policy to establish a clearer hierarchy of policy documentation (policies, procedures, standards, templates, tools) and to clarify roles and responsibilities. The different departments across ICES involved in data management and access were involved in reviewing their respective policies and procedures to ensure alignment with: the new ICES policy framework; existing operations/practices; requirements from the Manual; direction from the IPC in previous reviews; internal recommendations (e.g. from privacy or security assessments or audits); and industry best practices (e.g. NIST’s Cybersecurity Framework). Through this exercise, we aimed to modernize, streamline, and better harmonize ICES’ entire privacy and security policy suite (the “Policy Suite”). The entire Policy Suite was reviewed and revised as needed.

Although we expected the project to be completed by June 2022, we are slightly delayed. We have completed most drafts and we are now in the process of mitigating any inconsistencies, ensuring defined terms are captured accurately and preparing a comprehensive chart that links sections within the Policy Suite to the Manual. We need to roll out the updated Policy Suite in one unified process and are on track to bring the Policy Suite to the Operations Committee for their review and the Change Management Board for final sign-off in September 2022. The table below aims to capture our work over the past 1 ½ years.

Statement by ICES as of September 15, 2023:

Please note the table below was revised to capture the implementation of the Policy Suite in September 2022, as well as capture the titles of policies, standards, and procedures in 2023, if they were revised.

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
Governance							
01	**Privacy and Security Governance and Accountability Framework Policy**	September 2022	Amended	Revised or combined title(s) from: • Privacy Framework and Governance Policy • Security Framework and Governance Policy Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Privacy Framework and Governance Policy • Security Framework and Governance Policy • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Privacy policy in respect of its status as a prescribed person or prescribed entity Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
02	**Information Classification Standard**	September 2022	New	Updated framework for classification of ICES Data Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
03	**Ongoing Review of Privacy and Security Policies, Procedures, Practices and Exceptions Policy** (2023 Title) Ongoing Review of Privacy and Security Policies, Standards, Procedures, Practices and Exceptions Policy	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Policy for Ongoing Review of Privacy Policies and Procedures — Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for ongoing review of privacy policies, procedures and practices • Policy and procedures for ongoing review of security policies, procedures and practices Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
04	**Ongoing Review of Privacy and Security Policies, Procedures, Practices and Exceptions Procedure**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Policy for Ongoing Review of Privacy Policies and Procedures — Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for ongoing review of privacy policies, procedures and practices • Policy and procedures for ongoing review of security policies, procedures and practices Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
05	**ICES Agent Policy**	September 2022	Amended	Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for limiting agent access to and use of personal health information • Policy and procedures for limiting agent access to and use of personal information • Log of agents granted approval to access and use personal health information • Log of agents granted approval to access and use personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
06	**Third Party Service Provider Use of PHI/PI Policy**	September 2023	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Policy for Executing Agreements with Third Party Service Providers in Respect of Personal Information – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for executing agreements with third party service providers in respect of personal health information • Policy and procedures for executing agreements with third party service providers in respect of personal information • Template agreement for all third party service providers • Log of agreements with third party service providers Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
07	**Privacy Policy**	September 2023	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Privacy policy in respect of its status as a prescribed person or prescribed entity • List of data holdings containing personal health information • List of data holdings containing personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
08	**Transparency of Privacy and Security Policies, Procedures and Practices Policy**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Policy on the Transparency of Privacy Policies and Procedures – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy on the transparency of privacy policies, procedures and practices Administrative improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
	COLLECTION						
09	**Collection of ICES Data Policy**	September 2022	Amended	Revised or combined title(s) from: • Collection of Personally Identifiable Information Policy Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Collection of Personally Identifiable Information Policy • Collection of Personal Information – Coroners Act • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for the collection of personal health information • Policy and procedures for the collection of personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
10	**Primary Data Collection Standard**	September 2022	New	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
11	**Primary Data Collection Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
12	**Secure Transfer of PHI/PI Procedure** (2023 Title) Secure Collection, Disclosure, and Transfer of PHI/PI Procedure)	September 2022	Amended	Revised or combined title(s) from: • Secure Transfer of PII Procedure Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Secure Transfer of PII Procedure • Receiving Data from External Sources Procedure • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for secure transfer of records of personal health information • Policy and procedures for secure transfer of records of personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
13	**Privacy Impact Assessment Policy**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Collection of Personally Identifiable Information Procedures • Privacy Impact Assessment Policy – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Privacy impact assessment policy and procedures • Log of privacy impact assessments • Policy and procedures for the collection of personal health information • Policy and procedures for the collection of personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure:	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				• Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms			
14	**Privacy Impact Assessment Review and Analysis for ICES Projects Procedure**	September 2022	Amended	Revised title from: • Project PIA Review Procedure Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Collection of Personally Identifiable Information Procedures • Privacy Impact Assessment Policy – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Privacy impact assessment policy and procedures • Log of privacy impact assessments • Policy and procedures for the collection of personal health information • Policy and procedures for the collection of personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
15	**Privacy Impact Assessment Review and Analysis Procedure**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Collection of Personally Identifiable Information Procedures • Privacy Impact Assessment Policy – Coroners Act	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Privacy impact assessment policy and procedures • Log of privacy impact assessments • Policy and procedures for the collection of personal health information • Policy and procedures for the collection of personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		the week of implementation	
16	**Contract Policy**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
17	**Execution of Data Sharing Agreement Standard**	September 2022	Amended	Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Template Data Sharing Agreement Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
18	**Data Sharing Review and Execution Procedure**	September 2022	Amended	Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for the execution of data sharing agreements • Log of data sharing agreements Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
19	**Contract Review Procedure**	September 2022	Amended	Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for the execution of data sharing agreements • Policy and procedures for the execution of a section 52.1(1) agreement • Log of data sharing agreements • Log of section 52.1(1) agreements Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
20	**Execution of a section 52.1(1) Agreement**	September 2022	Amended	Revised or combined title(s) from: • Policy for the Execution of a Section 52.1(1) Agreement – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for the execution of a section 52.1(1) agreement • Template section 52.1(1) agreement • Log of section 52.1(1) agreements Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure:	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				• Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms			
21	**Statements of Purpose for Data Holdings Containing PHI/PI Policy**	September 2022	Amended	Revised or combined title(s) from: • Statements of Purpose for Data Holdings Containing Personally Identifiable Information (PII) Policy Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Statements of Purpose for Data Holdings Containing Personal Information — Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for statements of purpose for data holdings containing personal health information • Policy and procedures for statements of purpose for data holdings containing personal information • Statements of purpose for data holdings containing personal health information • Statements of purpose for data holdings containing personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
22	**Statements of Purpose for Data Holdings Containing PHI/PI Procedure**	September 2022	Amended	Revised or combined title(s) from: • Statements of Purpose for Data Holdings Containing PII Procedures Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Statements of Purpose for Data Holdings Containing Personal Information — Coroners Act	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for statements of purpose for data holdings containing personal health information • Policy and procedures for statements of purpose for data holdings containing personal information • Statements of purpose for data holdings containing personal health information • Statements of purpose for data holdings containing personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		the week of implementation	
23	**Segregation of Personal Information Policy**	September 2022	Amended	Revised or combined title(s) from: • Policy for the Segregation of Personal Information – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for the segregation of personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
	USE						
24	**Use of ICES Data Policy**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act • Policy for Limiting Agent Access to and Use of Personal Information – Coroners Act • Policy for the Use of Personal Information for Research – Coroners Act • Policy for the Linkage of Records of Personal Information – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for limiting agent access to and use of personal health information • Policy and procedures for limiting agent access to and use of personal information • Log of agents granted approval to access and use personal health information • Log of agents granted approval to access and use personal information • Policy and procedures for the linkage of records of personal health information • Policy and procedures for the linkage of records of personal information • Log of approved linkages of records of personal health information • Log of approved linkages of records of personal information • Policy and procedures for the use of personal health information for research • Policy and procedures for the use of personal information for research • Log of approved uses of personal health information for research • Log of approved uses of personal information for research Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
25	**Use of ICES Data Standard**	September 2022	New	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Protection of ICES Data Policy • Policy for Limiting Agent Access to and Use of Personal Information – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for limiting agent access to and use of personal health information • Policy and procedures for limiting agent access to and use of personal information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
26	**Analytic Environment Screen Sharing Standard**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
27	**Dataset Creation Plan Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
28	**Feasibility Analysis Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure:	September 30, 2022	Posted on ICES Intranet	N/A

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	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				• Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		Announced in ICES internal eNewsletter the week of implementation	
29	**Management of Data Covenantors Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
30	**Utilizing IDAVE for Cleaning OLIS Free-text Test Results Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
31	**Creating Coded Data at ICES Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
32	**RAE-DSH - Creating Datasets for Other Level Users Procedure**	September 2022	Amended	Revised or combined title(s) from: • RAE Procedures - Creating Datasets for Level 2 and 3 Users Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
33	**RAE-DSH – Sharing Project Datasets Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
34	**RAE – User Home Drive Procedure**	September 2022	Amended	Revised or combined title(s) from: • RAE Procedures – User Home Drive Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
35	**RAE-DSH – Project Data Folder Access Procedure**	September 2022	Amended	Revised or combined title(s) from: • RAE Procedures - Project Data Folder Access Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
36	**Project Transfer Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
37	**Project T: Drive Folder Creation Procedure**	September 2022	Amended	Administrative and organizational improvements	September 30, 2022	Posted on ICES Intranet	N/A

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	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				• Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		Announced in ICES internal eNewsletter the week of implementation	
38	**Case List Review and Distribution Procedure**	September 2022	Amended	Revised or combined title(s) from: • Case List Request and Distribution Procedures Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
39	**Managing and Accessing Physical or Paper Charts and Media Procedure**	September 2022	Amended	Revised or combined title(s) from: • Managing Paper Charts and Documents Procedures Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
40	**Abstractor Onboarding and Offboarding Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
41	**RAE-DSH User Activation and Deactivation Procedure**	September 2022	Amended	Revised or combined title(s) from: • RAE-DSH Procedures - Onboarding and Offboarding Administrative and organizational improvements	September 30, 2022	Posted on ICES Intranet	N/A

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	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				• Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		Announced in ICES internal eNewsletter the week of implementation	
42	**Knowledge User Procedure**	September 2022	Amended	Revised or combined title(s) from: • ICES Knowledge User Procedure – ICES Projects Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
43	**De-Identification and Aggregation Policy**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act (retired in 2022) • Policy with Respect to De-identification and Aggregation – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures with respect to de-identification and aggregation Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
44	**RAE-DSH - Creating and Sharing Aggregate Data (Summary Output) Procedure**	September 2022	Amended	Revised or combined title(s) from: • RAE-DSH Creating and Sharing Summary Output Procedures Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
45	**Re-Identification Risk Assessment Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
	Disclosure						
46	**Disclosure of ICES Data for Purposes Other than Research Policy**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act • Policy for Disclosure of Personal Information for Purposes other than Research – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for disclosure of personal health information for purposes other than research • Policy and procedures for disclosure of personal information for purposes other than research. Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				• Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms			
47	**Disclosure of ICES Data for Research Purposes and Execution of Research Agreements Policy**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act • Policy for Disclosure of Personal Information for Research Purposes and the Execution of Research Agreements – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for disclosure of personal health information for research purposes and the execution of research agreements • Policy and procedures for disclosure of personal information for research purposes and the execution of research agreements • Template research agreement • Log of research agreements Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
48	**Data Verification and Transfer Request Procedure**	September 2022	Amended	Revised or combined title(s) from: • Verifying and Posting Risk-Reduced Coded Data to IDAVE Procedures Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
49	**Cohort Disclosure Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure:			

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	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				• Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms			
50	**Third Party Research Data Disclosure Procedure**	September 2022	Amended	Revised or combined title(s) from: • Third Party Research (Data Access) Procedure Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Protection of ICES Data Policy Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
51	**Project Intake, Adjudication, and Initiation Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
52	**Third Party Research Analysis and Reporting Procedure**	September 2022	Amended	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

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	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
	Checks / Compliance / Remediation						
53	**Privacy and Security Audit Policy**	September 2022	Amended	Revised or combined title(s) from: • Privacy Audit and Monitoring Policy • Security Audit and Monitoring Policy Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Privacy Audit and Monitoring Policy • Security Audit and Monitoring Policy • Policy in Respect of Privacy Audits – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures in respect of privacy audits • Log of privacy audits • Policy and procedures in respect of security audits • Log of security audits Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
54	**Security Audit Standard**	September 2022	New	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Security Audit and Monitoring Policy • Security Audit Procedure Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures in respect of security audits • Log of security audits	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

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	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms			
55	**Privacy and Security Audit Procedure** (2023 title) Compliance Audit Procedure	September 2022	Amended	Revised or combined title(s) from: • Privacy Audit Procedure Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures in respect of privacy audits • Log of privacy audits Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
56	**Annual Audit Schedule Procedure** (2023 title) Compliance Audit Procedure	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Privacy Audit Procedure Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures in respect of privacy audits Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

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	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
57	**Privacy Incident and Privacy Breach Management Policy**	September 2022	Amended	Revised or combined title(s) from: • Privacy Incident Management Policy Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Policy for Privacy Breach Management – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for privacy breach management • Log of privacy breaches Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
58	**Privacy Incident and Privacy Breach Management Procedure**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Policy for Privacy Breach Management – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for privacy breach management • Log of privacy breaches Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

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	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
59	**Privacy Remediation Management Standard**	September 2022	Amended	Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for privacy breach management Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
60	**Privacy Inquiries and Privacy Complaints Policy**	September 2022	Amended	Revised or combined title(s) from: • Privacy Information, Inquiries, and Complaints Policy Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Policy for Privacy Complaints and Privacy Inquires – Coroners Act • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for privacy complaints • Log of privacy complaints • Policy and procedures for privacy inquiries Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	Updated ICES website
61	**Privacy Inquiries and Privacy Complaints Procedure**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Policy for Privacy Complaints and Privacy Inquires – Coroners Act • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for privacy complaints • Log of privacy complaints • Policy and procedures for privacy inquiries Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		the week of implementation	
	Security						
62	**Information Security Policy**	September 2022	New	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Security Framework & Governance Policy Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Information Security Policy Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
63	**Logical Access Management Standard**	September 2022	New	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Accounts Management Policy • Remote Access Policy • Password Policy	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures relating to passwords • Policy and procedures for secure retention of records of personal health information on mobile devices Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		the week of implementation	
64	**Privileged and Service Account Provisioning Procedure**	September 2022	New	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
65	**Account Onboarding Procedure**	September 2022	New	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
66	**Password Compromise Procedure**	September 2022	New	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
67	**Account Audits Procedure**	September 2022	New	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
68	**Physical and Environmental Security Standard**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Physical Security Policy • Visitors Policy Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for ensuring physical security of personal health information • Log of agents with access to the premises of the prescribed person or prescribed entity Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
69	**Physical Security Procedure (ICES Central)**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Physical Security Procedure • Visitor Procedure Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for ensuring physical security of personal health information	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms			
70	**Media Destruction Procedure (ICES Central)**	September 2022	New	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Information Media Destruction SOP Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for secure disposal of records of personal health information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
71	**Operational Security Standard**	September 2022	New	Revised or combined title(s) from: • Infrastructure Hardening Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Information Security Policy Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
72	**Security Assessment Procedure**	September 2022	New	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
73	**Cryptography Management Standard**	September 2022	Amended	Revised or combined title(s) from: • Encryption Policy Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
74	**Mobile Device Management Standard**	September 2022	Amended	Revised or combined title(s) from: • Protecting PHI on Mobile Devices Policy Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for secure retention of records of personal health information on mobile devices Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
75	**Backup and Restoration Standard**	September 2022	Amended	Revised or combined title(s) from: • Data Backup Policy	September 30, 2022	Posted on ICES Intranet	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for back-up and recovery of records of personal health Information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		Announced in ICES internal eNewsletter the week of implementation	
76	**System Acquisition, Development, and Application Security Standard**	September 2022	Amended	Revised or combined title(s) from: • Information System Acquisition, Development, and Maintenance Policy Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Information Security Policy Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
77	**Log Management Standard**	September 2022	Amended	Revised or combined title(s) from: • System Control and Audit Log Policy Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for maintaining and reviewing system control and audit logs Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure:	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				• Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms			
78	**Information Handling Standard**	September 2022	Amended	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • ICES Data Management Policy • ICES Data Management Standard • Document Shredding Policy Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for secure retention of records of personal health information • Policy and procedures for secure transfer of records of personal health information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
79	**Secure Disposal Standard**	September 2022	New	Incorporated content from previous ICES policies, standards, and procedures (including Coroners Act content): • Privacy Policy in Respect of its Status as a Prescribed Entity – Coroners Act Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for secure disposal of records of personal health information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				• Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms			
80	**Destruction of ICES Data Procedure**	September 2022	Amended	Revised or combined title(s) from: • Destruction of ICES Data SOP Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for secure disposal of records of personal health information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
81	**Patch and Vulnerability Management Standard**	September 2022	Amended	Revised or combined title(s) from: • Patch Management Policy Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for patch management Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
82	**Patch and Vulnerability Management Procedure**	September 2022	Amended	Revised or combined title(s) from: • Vulnerability Advisory Procedure Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for patch management	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		the week of implementation	
83	**User Awareness Procedure**	September 2022	New	Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
84	**ICES Data Retention Schedule Standard**	September 2022	Amended	Revised or combined title(s) from: • Record Retention Schedule Policy Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for secure retention of records of personal health information Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A
85	**Acceptable Use Policy**	September 2022	Amended	Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures on the acceptable use of technology	September 30, 2022	Posted on ICES Intranet	N/A

Appendix A – Privacy and Security Policies, Standards, and Procedures (as of August 2, 2022)

	Name	Review Date / Date of Implementation	Amendment or New Document	Description of Amendments or New Content	Date of Communication to ICES Agents	Nature of Communication	Public Communication Materials Amended
				Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms		Announced in ICES internal eNewsletter the week of implementation	
86	**Cybersecurity Incident Management Standard** (2023 title: Security Incident Management Standard)	September 2022	Amended	Revised or combined title(s) from: • Security Incident Management Policy Improved compliance by incorporating exact text of the IPC Manual and/or IPC Addendum: • Policy and procedures for information security breach management • Log of information security breaches Administrative and organizational improvements • Distributed content that is most appropriate within the policy, standard, and/or procedure: • Added numerical classification system and formatting structure to improve mapping to controls • Simplified language for clarity regarding ICES Agent obligations • Updated and aligned Glossary Terms	September 30, 2022	Posted on ICES Intranet Announced in ICES internal eNewsletter the week of implementation	N/A

Appendix B – Data Linkages of Personal Information (as of August 2, 2022)

No.	Project Title	Data Linkages		
1	Opioid agonist therapy retention and outcomes in First Nations	CPDB IPDB DIN LHIN PCCF REF DAD	NACRS ODB OHIP OMHRS SDS ASTHMA COPD	HIV ODD RPDB NMS IRS DDARD
2	Describing the circumstances surrounding opioid-related toxicity deaths among individuals with a recent experience of homelessness: a deep dive	CPDB IPDB PCCF REF DAD NACRS NRS ODB OHIP	OMHRS SDS ASTHMA CHF COPD DEMENTIA HIV HYPER ODD	ORAD CONTACT RPDB NMS PCPOP C19INTGR CCM_s45 CHC DDARD
3	Contributions of stimulants and varying modes of drug use to opioid-related deaths during the COVID-19 pandemic	DIN LHIN PCCF	REF ODB RPDB	NMS DDARD
4	Health system evaluation of the gap in treatment for the delivery of opioid agonist treatments in Ontario	DIN LHIN PCCF AVGPRICE ESTSOB CCRS DAD HCD NACRS NRS	ODB OHIP OMHRS SDS CENSUS CONTACT POP RPDB ADP CAPE	GAPP OCCI OHCAS NMS PCPOP CHC ONMARG IPDB DDARD PROUD cohort
5	Effectiveness of medications for opioid use disorder	CPDB IPDB DIN LHIN PCCF REF DAD	NACRS ODB OHIP OMHRS SDS HIV CENSUS	CONTACT POP RPDB OLIS NMS TRIM DDARD

No.	Project Title	Data Linkages		
6	Observing, Understanding, and Telling stories at end of Life for Opioid Use Disorder patients (OUTLOUD): A mixed-methods study	IPDB DIN LHIN PCCF REF CCRS DAD HCD NACRS NRS ODB	OHIP OMHRS RAICA RAIHC ASTHMA CHF COPD HIV HYPER MOMBABY OCCC ODD	OMID ORAD CENSUS RPDB ADP NMS ORGD NDFP DDARD ONMARG CIC
7	Patterns of Use of Novel Treatments for Opioid Use Disorder in Ontario	CPDB IPDB DIN LHIN PCCF REF DAD	NACRS ODB OHIP OMHRS SDS HIV CENSUS	CONTACT POP RPDB NMS ONMARG CHC DDARD
8	Describing the Opioid Crisis Among Métis Nation of Ontario Citizens	DIN PCCF NACRS ODB POP	RPDB NMS MNO REF OHIP	CONTACT ONMARG OTR OCR DDARD
9	Characteristics of opioid-related deaths in Ontario during COVID-19	IPDB DIN LHIN PCCF REF DAD NACRS	OHIP SDS CONTACT RPDB NMS DDARD	CPDB ODB OMHRS HIV OTR CHC

No.	Project Title	Data Linkages		
10	REACH - Opioid Indicators Among Veterans in Ontario	IPDB DIN LHIN PCCF REF INST CCRS DAD HCD NACRS	NRS ODB OHIP OMHRS SDS ASTHMA CHF COPD HIV ODD	OMID ORAD CENSUS CONTACT RPDB ONMARG NMS ORGD OCR DDARD
11	Changing patterns of opioid agonist therapy use and associated outcomes during the COVID-19 pandemic in Ontario	IPDB DIN DAD NACRS ODB OHIP	OMHRS HIV RPDB NMS CPDB LHIN	PCCF REF COPD ODD CENSUS OLIS DDARD
12	Assessment of a Structured Hydromorphone Prescribing Program in Ontario	CPDB IPDB DIN DAD NACRS ODB	OHIP OMHRS RPDB ONMARG NMS OCR	LHIN PCCF COPD HIV ALR DDARD
13	First Nations Opioid Surveillance	DIN PCCF REF DAD NACRS ODB	OHIP CONTACT RPDB OHCAS OTR NMS	OCR IRS IRS DDARD IOFNCOMM
14	Impact of an emergency safer drug supply program on health service use and associated costs	CPDB IPDB DIN PCCF INST AVGPRICE ESTSOB CCRS DAD	HCD NACRS NRS ODB OHIP OMHRS SDS ASTHMA CHF	COPD HIV HYPER CENSUS RPDB ADP NMS DDARD

No.	Project Title	Data Linkages		
15	Patterns of Medication and Healthcare Use among Construction Industry Workers who Died of an Opioid-Related Toxicity in Ontario	CPDB IPDB DIN LHIN PCCF REF	DAD NACRS ODB OHIP OMHRS SDS	HIV CENSUS RPDB OTR NMS CHC DDARD
16	New Opioid Use and Risk of Dose Escalation in Adults with IDD	CPDB IPDB DIN DAD NACRS OHIP	OMHRS SDS ASTHMA CHF COPD HYPER	ODD RPDB CAPE NMS OCR DDARD
17	Provincial Evaluation of Safer Supply Programs in Ontario: measuring population outcomes and healthcare costs	CPDB IPDB DIN LHIN PCCF INST ESTSOB CCRS DAD HCD	NACRS NRS ODB OHIP OMHRS SDS ASTHMA CHF COPD HIV	HYPER CENSUS RPDB ADP ONMARG NMS ALR OCR AVGPRICE DDARD
18	ODPRN NMS Persistence on Opioid Agonist Therapy	IPDB DIN LHIN PCCF REF CORR DAD	NACRS ODB OHIP SDS HYPER ODD CONTACT	RPDB OLIS OMHRS COPD ODD ASTHMA DDARD
19	Chronic medical conditions and perinatal mental illness	IPDB DAD NACRS OHIP OMHRS SDS ASTHMA CHF HIV	HYPER MOMBABY OCC ODD OMID CENSUS RPDB CIC OCR	PCCF COPD ORAD CONTACT CAPE ADP OLIS ONMARG DDARD

No.	Project Title	Data Linkages		
20	Opioid-related death following lumbar spinal fusion surgery	DIN PCCF REF INST DAD	NACRS ODB OHIP SDS CENSUS	RPDB NMS ORGD DDARD
21	Surveillance of circumstances related to prescription and health service use prior to opioid-related deaths	IPDB LHIN PCCF REF DAD NACRS ODB OHIP	OMHRS SDS ASTHMA CHF COPD HYPER ODD OMID	CENSUS CONTACT POP RPDB OTR NMS DDARD
23	Dose pattern characteristics associated with relapse following buprenorphine/naloxone treatment in adults with opioid use disorder	IPDB DAD NACRS	OHIP OMHRS RPDB	NMS DDARD
24	The relationship between opioid prescribing and opioid-related mortality: a nested case-control study	CPDB IPDB DIN LHIN PCCF REF CCRS DAD	NACRS ODB OHIP OMHRS SDS ASTHMA CHF COPD	HIV CENSUS CONTACT POP RPDB NMS DDARD
25	Opioid toxicity deaths across ethno-racial groups in Ontario	DIN LHIN PCCF REF DAD	NACRS ODB OHIP OMHRS SDS	RPDB NMS CHC DDARD
26	Drug interactions between fentanyl, hydromorphone and oxycodone with CYP3AR inhibiting macrolides	DIN PCCF REF CCRS DAD NACRS ODB OHIP	OMHRS SHS ASTHMA CHF COPD HYPER ODD	CONTACT POP RPDB NMS ALR OCR DDARD

Appendix C: Privacy Impact Assessments
(as of August 2, 2022)

Name	**New ICES Data Holding DDARD**		
PIA Ref	**PIA-242**	PIA Completion Date	**October 25, 2019**
Brief description of activities contemplated in PIA			
• Collection of data from the Chief Coroner as a prescribed entity for the purpose of research, data analysis or the compilation of statistical information by ICES related to opioid mortality in Ontario			
Recommendation / Finding		Amend the PIA, as necessary, if ICES receives recommendations from the IPC as the IPC reviews to determine if to approve ICES as a prescribed entity.	
The date the recommendation/finding was addressed or is proposed to be addressed		No amendments required	
The manner in which the recommendation / finding was addressed or is proposed to be addressed		December 31, 2019	

Name	**New ICES Data Holding DDARD**		
PIA Ref	**PIA-242**	PIA Completion Date	**March 15, 2022**
Brief description of activities contemplated in PIA			
• Expand the scope of purpose to also include research, data analysis, or compilation of statistical information related to non-opioid substance-related mortalities (including deaths related to benzodiazepine and alcohol toxicity)			
Recommendation / Finding			None
The date the recommendation/finding was addressed or is proposed to be addressed			N/A
The manner in which the recommendation / finding was addressed or is proposed to be addressed			N/A

Name	**New ICES Data Holding DDARD**		
PIA Ref	**PIA-242**	PIA Completion Date	**March 29, 2022**
Brief description of activities contemplated in PIA			
• Expand collection of data to include data related to acute non-opioid and/or alcohol toxicity death records, to support the expansion of purposes			
Recommendation / Finding			None
The date the recommendation/finding was addressed or is proposed to be addressed			N/A
The manner in which the recommendation / finding was addressed or is proposed to be addressed			N/A

Appendix D – Privacy Audit Program (as of August 2, 2022)

Privacy audit	Description	Date completed	Recommendation(s)	Date recommendation(s) was or is proposed to be addressed	Action(s) taken or proposed to be taken to address recommendation(s)
Audits of Agents Granted Access					
A. Project Data Access Review	An audit was conducted to confirm that data accessed in project folder is consistent with the Dataset Creation Plan (DCP) and Privacy Impact Assessment (PIA) To confirm datasets on both documents match and have the appropriate oversight	June 30, 2022	1. Provide reminders to ICES Agents that all datasets used in a project should be selected on the project PIA and captured on the DCP, and only those datasets should be accessed on the RAE. 2. Remind staff to Use the Tool to identify datasets associated with ICES macros. 3. Remind ICES Agents to submit PIA amendment when an existing project needs to access additional datasets.	Results and recommendation were presented at a departmental meeting on November 15, 2021. Reminders and instructions are ongoing.	Ongoing reminders and instructions are provided through staff training materials, project kick-off meetings, and researcher orientation.
B. Project Data Access Review	An audit was conducted to confirm that data accessed in project folder is consistent with the Dataset Creation Plan (DCP) and Privacy Impact Assessment (PIA)	Nov 21, 2021	1. Provide reminders to ICES Agents that all datasets used in a project should be selected on the project PIA and captured on the DCP, and only those datasets should be accessed on the RAE. 2. Remind staff to Use the Tool to identify datasets associated with ICES macros. 3. Remind ICES Agents to submit PIA amendment when an existing project needs to access additional datasets.	Results and recommendation were presented at a departmental meeting on November 15, 2021. Reminders and instructions are ongoing.	1. Ongoing reminders and instructions are provided through staff training materials, project kick-off meetings, and researcher orientation. 2. Draft report underway outlining the methodology/criteria. 3. Ongoing communication through staff training materials at departmental meetings moving forward.
C. Annual Project Membership Verification	An audit was conducted to confirm that only users who require access to data for the purposes of their projects remain as members of the project data folder.	June 1, 2021	Develop a process to identify projects that are closed.	August 31, 2022 and ongoing	1. DQIM has created a process and identified projects for closure, and IT is working on automating process of project archival. 2. Once first round of closures complete, process will be transformed to a formal procedure which will allow departments to provide lists directly to IT of eligible projects for archival

Appendix E – Physical Security Audit (as of August 2, 2022)

Audit	Physical Agent Access Review
Description	An audit was conducted to confirm compliance with ICES' Physical Security Policy. The scope included: 1. Individuals who act as Agents on behalf of ICES and have access to High and Max physical security zones 2. External 3rd parties who maintain access to High and Max physical security zones
Date Completed	March 1, 2021
Recommendation(s)	1. Perform a fulsome review of onboarding physical access and ensure there is an explicit dependency on a completed ACA/COI. 2. Perform a fulsome review of HR offboarding procedures and ensure physical access cards are disabled upon termination of employment. 3. Limit 3rd party access to a defined period of time and disable once access is no longer required. 4. Promptly disable lost/stolen cards after being reported, and review recent access card activity.
Date recommendation(s) was or is proposed to be addressed	Feb 28, 2023
Action(s) taken or proposed to be taken to address recommendation(s)	1. Perform a fulsome review of onboarding physical access and ensure there is an explicit dependency on a completed ACA/COI. 2. Perform a fulsome review of HR offboarding procedures and ensure physical access cards are disabled upon termination of employment. 3. 3rd party access should be limited to a defined period of time and disabled once access is no longer required. 4. Lost/stolen cards should be disabled promptly after being reported, and a review of recent access card activity should be completed.

Appendix F - Security Audits (as of August 2, 2022)

Type of Audit	Description of Security Audit	Audit Date Completed
Penetration Test	Third Party Red Team Assessment	6/3/2022
Penetration Test	Third Party Vulnerability Assessment and Penetration Test	2/12/2021
Penetration Test	Third Party Vulnerability Assessment and Penetration Test	7/13/2020
Penetration Test	Third Party Vulnerability Assessment and Penetration Test	4/16/2021
Penetration Test	Third Party Vulnerability Assessment and Penetration Test	10/29/2020
Threat Risk Assessment	Internal Threat Risk Assessment	11/12/2021
Threat Risk Assessment	Internal Threat Risk Assessment	7/16/2021
Threat Risk Assessment	Third Party Threat Risk Assessment	7/5/2020
Security Assessment	Security Assessment	6/20/2022
Security Assessment	Security Assessment	6/15/2022
Security Assessment	Security Assessment	6/20/2022
Security Assessment	Security Assessment	7/19/2022

The table below represents the complete list of findings from those audits included in the table above.

#	Description of Security Audit	Finding Completion Date	Recommendation(s)	Actions taken or proposed to be taken to address recommendation(s)	Status
1	Third Party Red Team Assessment	9/30/2022	**Recommendations have not been provided in this document in order to avoid external threats to ICES systems.**	**Actions taken or proposed to be taken to address recommendations have not been provided in this document in order to avoid external threats to ICES systems.**	**Timeline status for addressing recommendations has not been identified in this document in order to avoid external threats to ICES systems.**
2	Third Party Threat Risk Assessment	6/30/2020			
3	Third Party Red Team Assessment	10/31/2022			
4	Third Party Red Team Assessment	12/31/2022			
5	Third Party Threat Risk Assessment	11/19/2020			
6	Third Party Vulnerability Assessment and Penetration Test	9/30/2022			
7	Third Party Vulnerability Assessment and Penetration Test	9/30/2022			
8	Third Party Vulnerability Assessment and Penetration Test	9/30/2022			
9	Third Party Vulnerability Assessment and Penetration Test	10/31/2022			
10	Third Party Vulnerability Assessment and Penetration Test	5/31/2021			
11	Third Party Vulnerability Assessment and Penetration Test	9/2/2021			
12	Third Party Vulnerability Assessment and Penetration Test	6/22/2021			
13	Third Party Vulnerability Assessment and Penetration Test	8/30/2021			
14	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
15	Third Party Vulnerability Assessment and Penetration Test	2/28/2023			
16	Third Party Vulnerability Assessment and Penetration Test	2/28/2023			
17	Third Party Vulnerability Assessment and Penetration Test	8/30/2021			
18	Third Party Red Team Assessment	Asset Owner/Custodian is reviewing finding to determine timelines			
19	Third Party Red Team Assessment	Asset Owner/Custodian is reviewing finding to determine timelines			
20	Third Party Red Team Assessment	Asset Owner/Custodian is reviewing finding to determine timelines			
21	Third Party Vulnerability Assessment and Penetration Test	7/8/2021			
22	Third Party Threat Risk Assessment	6/30/2020			
23	Third Party Threat Risk Assessment	12/24/2021			
24	Third Party Threat Risk Assessment	12/24/2021			
25	Third Party Threat Risk Assessment	9/30/2022			
26	Third Party Threat Risk Assessment	4/8/2022			
27	Third Party Threat Risk Assessment	6/23/2021			
28	Third Party Threat Risk Assessment	9/30/2022			
29	Third Party Threat Risk Assessment	11/2/2021			
30	Third Party Threat Risk Assessment	Asset Owner/Custodian is reviewing finding to determine timelines			
31	Third Party Threat Risk Assessment	6/30/2020			
32	Third Party Threat Risk Assessment	10/31/2022			
33	Third Party Threat Risk Assessment	5/1/2021			
34	Third Party Vulnerability Assessment and Penetration Test	9/30/2022			
35	Third Party Vulnerability Assessment and Penetration Test	9/30/2022			
36	Internal Threat Risk Assessment	9/30/2022			

37	Third Party Red Team Assessment	8/5/2022	**Recommendations have not been provided in this document in order to avoid external threats to ICES systems.**	**Actions taken or proposed to be taken to address recommendations have not been provided in this document in order to avoid external threats to ICES systems.**	**Timeline status for addressing recommendations has not been identified in this document in order to avoid external threats to ICES systems.**
38	Third Party Vulnerability Assessment and Penetration Test	10/31/2022			
39	Third Party Vulnerability Assessment and Penetration Test	6/23/2021			
40	Third Party Vulnerability Assessment and Penetration Test	9/30/2022			
41	Third Party Vulnerability Assessment and Penetration Test	12/31/2022			
42	Third Party Vulnerability Assessment and Penetration Test	Finding is as designed			
43	Third Party Vulnerability Assessment and Penetration Test	8/20/2021			
44	Third Party Vulnerability Assessment and Penetration Test	2/28/2023			
45	Third Party Vulnerability Assessment and Penetration Test	6/23/2021			
46	Third Party Vulnerability Assessment and Penetration Test	1/25/2021			
47	Third Party Vulnerability Assessment and Penetration Test	Finding, predates tracking. Confirmed closed.			
48	Third Party Vulnerability Assessment and Penetration Test	8/26/2021			
49	Third Party Vulnerability Assessment and Penetration Test	2/1/2022			
50	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
51	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
52	Third Party Vulnerability Assessment and Penetration Test	9/9/2021			
53	Third Party Vulnerability Assessment and Penetration Test	12/20/2021			
54	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
55	Third Party Vulnerability Assessment and Penetration Test	11/10/2021			
56	Third Party Vulnerability Assessment and Penetration Test	1/25/2021			
57	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
58	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
59	Internal Threat Risk Assessment	11/12/2021			
60	Third Party Vulnerability Assessment and Penetration Test	11/10/2021			
61	Third Party Vulnerability Assessment and Penetration Test	6/23/2021			
62	Third Party Vulnerability Assessment and Penetration Test	9/9/2021			
63	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
64	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
65	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
66	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
67	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
68	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
69	Third Party Vulnerability Assessment and Penetration Test	6/23/2021			
70	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
71	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
72	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
73	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
74	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
75	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
76	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
77	Third Party Vulnerability Assessment and Penetration Test	8/5/2022			
78	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
79	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
80	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			

81	Third Party Vulnerability Assessment and Penetration Test	4/8/2022	**Recommendations have not been provided in this document in order to avoid external threats to ICES systems.**	**Actions taken or proposed to be taken to address recommendations have not been provided in this document in order to avoid external threats to ICES systems.**	**Timeline status for addressing recommendations has not been identified in this document in order to avoid external threats to ICES systems.**
82	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
83	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
84	Third Party Vulnerability Assessment and Penetration Test	8/5/2022			
85	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
86	Third Party Vulnerability Assessment and Penetration Test	2/1/2022			
87	Third Party Vulnerability Assessment and Penetration Test	Asset Owner/Custodian is reviewing finding to determine timelines			
88	True Positive Information Security Incident	5/12/2021			
89	True Positive Information Security Incident	4/29/2021			
90	True Positive Information Security Incident	5/5/2021			
91	True Positive Information Security Incident	5/14/2021			
92	True Positive Information Security Incident	8/12/2021			
93	True Positive Information Security Incident	9/23/2021			
94	True Positive Information Security Incident	10/14/2021			
95	True Positive Information Security Incident	1/25/2022			
96	True Positive Information Security Incident	2/10/2022			
97	True Positive Information Security Incident	2/28/2022			
98	True Positive Information Security Incident	3/30/2022			
99	True Positive Information Security Incident	4/1/2022			
100	True Positive Information Security Incident	4/7/2022			
101	True Positive Information Security Incident	6/2/2022			
102	True Positive Information Security Incident	7/27/2022			

Appendix G - Information Security Incidents and Security Breaches
(as of August 2, 2023)

	The date that the notification was received	The date that the investigation was commenced	The date that senior management was notified	The date(s) that the containment measures were implemented	The date that the investigation was completed	The date(s) that notification was provided to the health information custodians or any other organizations	The extent of the information security breach or suspected information security breach	The nature and extent of PHI/PI at issue	The containment measures implemented	A brief description of each recommendation made	The date each recommendation was addressed or is proposed to be addressed	The manner in which each recommendation was addressed or is proposed to be addressed.
1	2021-04-14	2021-04-14	2021-04-14	2021-04-14	2021-05-12	NA - No PHI/PI involved	The extent of the information security breach or suspected information security breach have not been provided in this document in order to avoid external threats to ICES systems.	NA - No PHI/PI involved	The containment measures implemented have not been provided in this document in order to avoid external threats to ICES systems.	Recommendations have not been provided in this document in order to avoid external threats to ICES systems.	The date each recommendation was addressed or is proposed to be addressed have not been provided in this document in order to avoid external threats to ICES systems.	Actions taken or proposed to be taken to address recommendations have not been provided in this document in order to avoid external threats to ICES systems.
2	2021-04-28	2021-04-28	Senior management is not notified of Low severity incidents (with HR issues as an exception)	2021-04-29	2021-04-29	NA - No PHI/PI involved		NA - No PHI/PI involved				
3	2021-05-05	2021-05-05	2021-05-05	2021-05-05	2021-05-05	NA - No PHI/PI involved		NA - No PHI/PI involved				
4	2021-05-14	2021-05-14	Senior management is not notified of Low severity incidents (with HR issues as an exception)	2021-05-14	2021-05-14	NA - No PHI/PI involved		NA - No PHI/PI involved				
5	2021-08-10	2021-08-10	Senior management is not notified of Low severity incidents (with HR issues as an exception)	2021-08-12	2021-08-12	NA - No PHI/PI involved		NA - No PHI/PI involved				
6	2021-09-23	2021-09-23	Senior management is not notified of Low severity incidents (with HR issues as an exception)	2021-09-23	2021-09-23	NA - No PHI/PI involved		NA - No PHI/PI involved				
7	2021-10-06	2021-10-06	2021-10-06	2021-10-06	2021-10-14	NA - No PHI/PI involved		NA - No PHI/PI involved				
8	2022-01-25	2022-01-25	Senior management is not notified of Low severity incidents (with HR issues as an exception)	2022-01-25	2022-01-25	NA - No PHI/PI involved		NA - No PHI/PI involved				
9	2022-02-10	2022-02-10	2022-02-10	2022-02-10	2022-02-10	NA - No PHI/PI involved		NA - No PHI/PI involved				
10	2022-02-28	2022-02-28	Senior management is not notified of Low severity incidents (with HR issues as an exception)	2022-02-28	2022-02-28	NA - No PHI/PI involved		NA - No PHI/PI involved				
11	2022-03-30	2022-03-30	Senior management is not notified of Low severity incidents (with HR issues as an exception)	2022-03-30	2022-03-30	NA - No PHI/PI involved		NA - No PHI/PI involved				
12	2022-04-01	2022-04-01	2022-04-02	2022-04-01	2022-04-01	NA - No PHI/PI involved		NA - No PHI/PI involved				
13	2022-04-07	2022-04-07	Senior management is not notified of Low severity incidents (with HR issues as an exception)	2022-04-07	2022-04-07	NA - No PHI/PI involved		NA - No PHI/PI involved				
14	2022-05-26	2022-05-26	2022-05-26	2022-05-26	2022-06-02	NA - No PHI/PI involved		NA - No PHI/PI involved				
15	2022-06-07	2022-06-07	2022-06-07	2022-06-07	2022-07-27	NA - No PHI/PI involved		NA - No PHI/PI involved				

Appendix H - Privacy Awareness Communications

#	Date	Provider	Audience	Subject
1	4/29/2022	eNewsletter	All Staff	New ICES Coroners Act privacy policy in respect of its status as a prescribed entity
2	6/24/2022	eNewsletter	All Staff	ICES officially a prescribed entity under the Coroners Act

Appendix I - Security Awareness Communications (as of August 2, 2022)

#	Date	Provider	Audience	Type	Subject
1	12/1/2019	Cybersecurity	All Staff	Memo	Screen sharing applications reminder
2	1/10/2020	Cybersecurity	All Staff	Newsletter	January 2020 Security Awareness newsletter
3	1/14/2020	Cybersecurity	IT Staff	Security Advisory	VMware Tools workaround addresses a local privilege escalation vulnerability (CVE-2020-3941)
4	2/12/2020	KnowBe4	All Staff	Training	Security Awareness Training
5	2/14/2020	Cybersecurity	All Staff	Newsletter	February 2020 Security Awareness newsletter
6	3/6/2020	Cybersecurity	All Staff	Newsletter	March 2020 Security Awareness newsletter
7	4/3/2020	Cybersecurity	All Staff	Newsletter	April 2020 Security Awareness newsletter
8	5/8/2020	Cybersecurity	All Staff	Newsletter	May 2020 Security Awareness newsletter
9	6/5/2020	Cybersecurity	All Staff	Newsletter	June 2020 Security Awareness newsletter
10	7/17/2020	Cybersecurity	All Staff	Newsletter	Cybersecurity newsletter
11	8/7/2020	Cybersecurity	All Staff	Newsletter	August 2020 Security Awareness newsletter
12	10/1/2020	Cybersecurity	All Staff	Memo	Message from Chief Privacy and Legal Officer about Cybersecurity Awareness Month
13	10/2/2020	Cybersecurity	All Staff	Memo	Cybersecurity Awareness Month
14	10/9/2020	KnowBe4	All Staff	Memo	Cybersecurity Awareness Month - week 2
15	10/16/2020	KnowBe4	All Staff	Memo	Cybersecurity Awareness Month - week 3 (Password best practices)
16	10/23/2020	KnowBe4	All Staff	Memo	Cybersecurity Awareness Month - week 4
17	10/30/2020	KnowBe4	All Staff	Memo	Cybersecurity Awareness Month - week 5 (spot the phish)
18	12/16/2020	Cybersecurity	All Staff	Memo	Phishing Awareness
19	12/18/2020	KnowBe4	All Staff	Training	Phishing Awareness Training
20	12/18/2020	Cybersecurity	All Staff	Memo	Cybersecurity awareness at ICES
21	12/21/2020	KnowBe4	All Staff	Phishing Simulation	O365 Maintenance
22	1/18/2021	KnowBe4	All Staff	Phishing Simulation	Contact Information (HTML Attachment)
23	2/4/2021	Cybersecurity	IT Staff	Security Advisory	Zero Day Vulnerability in Google Chrome
24	2/15/2021	KnowBe4	All Staff	Phishing Simulation	Uploaded Document to Google Docs (credential theft)
25	2/24/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Mozilla Firefox and Thunderbird Could Allow for Arbitrary Code Execution
26	2/26/2021	Cybersecurity	IT Staff	Security Advisory	VMware vCenter Server Remote Code Execution Vulnerability
27	3/4/2021	Cybersecurity	IT Staff	Security Advisory	Active Exploitation of Microsoft Exchange Vulnerabilities
28	3/4/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Adobe Products Could Allow for Arbitrary Code Execution
29	3/7/2021	Cybersecurity	IT Staff	Security Advisory	Print Spooler Remote Code Execution Vulnerability
30	3/15/2021	KnowBe4	All Staff	Phishing Simulation	March 2021 - Link
31	3/15/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
32	4/1/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution

Appendix I - Security Awareness Communications (as of August 2, 2022)

#	Date	Provider	Audience	Type	Subject
33	4/15/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
34	4/19/2021	KnowBe4	All Staff	Phishing Simulation	You have received a fax (Attachment)
35	4/20/2021	Cybersecurity	IT Staff	Security Advisory	Out-of-Cycle Advisory Pulse Connect Secure RCE Vulnerability
36	5/11/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
37	5/12/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Mozilla Firefox and Thunderbird Could Allow for Arbitrary Code Execution
38	5/12/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Adobe Products Could Allow for Arbitrary Code Execution
39	5/15/2021	Cybersecurity	All Staff	Memo	Cybersecurity Awareness: Drive-by-Downloads
40	5/17/2021	KnowBe4	All Staff	Phishing Simulation	Microsoft Teams: Documents Shared via Teams
41	5/26/2021	Cybersecurity	All Staff	Memo	Vulnerabilities in several Apple products – Update Now!
42	5/26/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in VMware vCenter Server Could Allow for Remote Code Execution
43	6/8/2021	Cybersecurity	IT Staff	Security Advisory	Multiple vulnerabilities have been discovered in Citrix ADC
44	6/9/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
45	6/10/2021	Cybersecurity	All Staff	Memo	Cybersecurity Awareness: Reporting Phishing Emails
46	6/18/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
47	6/28/2021	KnowBe4	All Staff	Phishing Simulation	Important message about your Grocery Delivery order
48	7/13/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Adobe Products Could Allow for Arbitrary Code Execution
49	7/13/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Mozilla Firefox Could Allow for Arbitrary Code Execution
50	7/16/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
51	7/19/2021	KnowBe4	All Staff	Phishing Simulation	Google Drive: Security Update
52	7/20/2021	Cybersecurity	IT Staff	Security Advisory	Java CPU July 2021 Java SE vulnerability
53	8/2/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in the Pulse Secure VPN Appliance Could Allow Remote Code Execution
54	8/3/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
55	8/10/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Mozilla Firefox Could Allow for Arbitrary Code Execution
56	8/16/2021	KnowBe4	All Staff	Phishing Simulation	Microsoft Teams: Accept Invitation - Staff Meeting via Teams
57	9/1/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
58	9/8/2021	Cybersecurity	IT Staff	Security Advisory	Palo Alto Networks has published 5 new Security Advisories
59	9/8/2021	Cybersecurity	IT Staff	Security Advisory	A Vulnerability in Microsoft MSHTML Could Allow for Remote Code Execution.
60	9/8/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Mozilla Firefox and Thunderbird Could Allow for Arbitrary Code Execution
61	9/14/2021	KnowBe4	All Staff	Phishing Simulation	LinkedIn: Your password was successfully reset
62	9/14/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Apple Products Could Allow for Remote Code Execution
63	9/14/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Adobe Products Could Allow for Arbitrary Code Execution
64	9/14/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Remote Code Execution

Appendix I - Security Awareness Communications (as of August 2, 2022)

#	Date	Provider	Audience	Type	Subject
65	9/21/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in VMware vCenter Server Could Allow for Remote Code Execution
66	9/24/2021	Cybersecurity	IT Staff	Security Advisory	A Vulnerability in Google Chrome Could Allow for Arbitrary Code Execution
67	9/28/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Microsoft Edge Could Allow for Arbitrary Code Execution
68	9/30/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
69	10/1/2021	Cybersecurity	All Staff	Memo	Cybersecurity Awareness Month
70	10/8/2021	Cybersecurity	All Staff	Memo	Cybersecurity Awareness Month – Week 1 update Connect to the VPN weekly
71	10/12/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Adobe Products Could Allow for Arbitrary Code Execution
72	10/15/2021	Cybersecurity	All Staff	Memo	Cybersecurity Awareness Month – Week 2 update
73	10/18/2021	KnowBe4	All Staff	Phishing Simulation	Invoice [[random_number_6]] (PDF Attachment)
74	10/19/2021	Cybersecurity	All Staff	Presentation	Cybersecurity Awareness Month
75	10/22/2021	Cybersecurity	All Staff	Memo	Cybersecurity Awareness Month – Week 3 update
76	10/29/2021	Cybersecurity	All Staff	Memo	Cybersecurity Awareness Month – Week 4 update
77	11/3/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Mozilla Firefox Could Allow for Arbitrary Code Execution
78	11/5/2021	Cybersecurity	IT Staff	Security Advisory	Buffer Overflow Vulnerability When Connecting to Portal or Gateway
79	11/9/2021	Cybersecurity	IT Staff	Security Advisory	CVE-2021-22955 - Unauthenticated denial of service
80	11/10/2021	Cybersecurity	IT Staff	Security Advisory	VMware vCenter Server IWA privilege escalation vulnerability (CVE-2021-22048)
81	11/13/2021	Cybersecurity	IT Staff	Security Advisory	Advisory: Palo Alto Networks has published new Security Advisories
82	11/16/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
83	11/22/2021	KnowBe4	All Staff	Phishing Simulation	Notification from Server Email Solutions
84	12/2/2021	KnowBe4	All Staff	Training	Phishing Awareness Training
85	12/10/2021	Cybersecurity	IT Staff	Security Advisory	Apache Log4j Remote Code Execution Vulnerability (CVE-2021-44228) in VMware Horizon
86	12/10/2021	Cybersecurity	IT Staff	Security Advisory	Apache Log4j Remote Code Execution Vulnerability (CVE-2021-44228) in VMware vCenter
87	12/10/2021	Cybersecurity	IT Staff	Security Advisory	Apache Log4j2 vulnerability (Log4shell)
88	12/10/2021	Cybersecurity	IT Staff	Security Advisory	Apache Log4j2 vulnerability (Log4shell)
89	12/14/2021	Cybersecurity	All Staff	Presentation	Cybersecurity holiday update
90	12/14/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Adobe Products could allow for Arbitrary Code Execution.
91	12/14/2021	Cybersecurity	IT Staff	Security Advisory	Critical Patches Issued for Microsoft Products, December 14, 2021
92	12/14/2021	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
93	12/21/2021	KnowBe4	All Staff	Phishing Simulation	Starbucks: Share the Merry
94	1/5/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
95	1/11/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Adobe Products could allow for Arbitrary Code Execution.

Appendix I - Security Awareness Communications (as of August 2, 2022)

#	Date	Provider	Audience	Type	Subject
96	1/12/2022	Cybersecurity	IT Staff	Security Advisory	Multiple vulnerabilities for agent 7.3.1. and older.
97	1/17/2022	Cybersecurity	IT Staff	Security Advisory	CCCS Alert AL22-001 Wiper Malware Targeting Ukrainian Organizations for publishing
98	1/24/2022	KnowBe4	All Staff	Phishing Simulation	Canada Post: Delivery Attempt Was Made
99	1/26/2022	Cybersecurity	IT Staff	Security Advisory	A Vulnerability in Polkit's pkexec Component Could Allow For Local Privilege Escalation
100	2/15/2022	Cybersecurity	All Staff	Presentation	Phishing Identification
101	2/15/2022	Cybersecurity	IT Staff	Security Advisory	vCenter Server updates address arbitrary file read vulnerability in the vSphere Web Client (CVE-2021-21980)
102	2/15/2022	Cybersecurity	IT Staff	Security Advisory	VMware ESXi, Workstation, and Fusion updates address multiple security vulnerabilities
103	2/23/2022	KnowBe4	All Staff	Phishing Simulation	Microsoft 365: Your message couldn't be delivered.
104	3/1/2022	Cybersecurity	IT Staff	Security Advisory	VMware Tools for Windows update addresses an uncontrolled search path vulnerability
105	3/2/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
106	3/14/2022	KnowBe4	All Staff	Phishing Simulation	Microsoft Exchange: Recent Password Leak
107	3/14/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Schneider Electric APC Smart-UPS Could Allow for Remote Code Execution
108	3/14/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Veeam Backup & Replication Could Allow for Remote Code Execution
109	3/16/2022	Cybersecurity	All Staff	Presentation	Phishing Identification
110	3/23/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Adobe Products Could Allow for Arbitrary Code Execution
111	3/29/2022	Cybersecurity	IT Staff	Security Advisory	VMware vCenter Server updates address an information disclosure vulnerability (CVE-2022-22948)
112	4/4/2022	Cybersecurity	IT Staff	Security Advisory	A Vulnerability in Google Chrome Could Allow for Arbitrary Code Execution
113	4/6/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities inMozilla Firefox and Firefox ESR Could Allow for Remote Code Execution
114	4/12/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
115	4/18/2022	KnowBe4	All Staff	Phishing Simulation	COVID-19 Omicron PCR Test
116	4/27/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
117	5/16/2022	KnowBe4	All Staff	Phishing Simulation	Changes to your health benefits
118	5/19/2022	Cybersecurity	All Staff	Memo	Vulnerabilities in several Apple products – Update Now!
119	5/31/2022	Cybersecurity	IT Staff	Security Advisory	A Vulnerability in Microsoft Support Diagnostic Tool (MSDT) Could Allow for Arbitrary Code Execution
120	6/1/2022	Cybersecurity	All Staff	Memo	Vulnerability in Microsoft Windows (Follina)
121	6/1/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Mozilla Products Could Allow for Arbitrary Code Execution
122	6/13/2022	KnowBe4	All Staff	Phishing Simulation	Re: Case #5012130 Password Change
123	6/21/2022	Cybersecurity	All Staff	Presentation	VPN Phishing Identification
124	7/7/2022	Cybersecurity	IT Staff	Security Advisory	Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution
125	7/12/2022	Cybersecurity	IT Staff	Security Advisory	Critical Patches Issued for Microsoft Products

Appendix I - Security Awareness Communications (as of August 2, 2022)

#	Date	Provider	Audience	Type	Subject
126	7/18/2022	Cybersecurity	All Staff	Phishing Simulation	Change Your Microsoft 365 Password Immediately
127	7/22/2022	Cybersecurity	IT Staff	Security Advisory	Critical pacthes issued for multiple apple products
128	7/23/2022	Cybersecurity	IT Staff	Security Advisory	VMware vCenter Server IWA privilege escalation vulnerability (CVE-2021-22048)