

ICES

Report to the Information and Privacy Commissioner of Ontario

Three-Year Review as a Prescribed Entity under PHIPA

Submitted in 2020

Table of Contents

| A. | Introduction & Explanatory Note | 5 |
|----|--|-------------------------------|
| В. | Required Documentation | 7 |
| Ρ | art 1 – Privacy Documentation | 8 |
| | Privacy Policy in Respect of its Status as a Prescribed Person or Prescribed Entity | .10 .11 .11 .12 h |
| | Statements of Purpose for Data Holdings Containing Personal Health Information | .14 .16 .17 .21 |
| | 13. Policy & Procedures for Disclosure of Personal Health Information for Research Purposes & Execution of Research Agreements. 14. Template Research Agreement. | the .22 .25 |
| | 15. Log of Research Agreements. 16. Policy & Procedures for the Execution of Data Sharing Agreements. 17. Template Data Sharing Agreement | .27 .28 |
| | 18. Log of Data Sharing Agreements.19. Policy & Procedures for Executing Agreements with Third Party Service Providers in Respective Personal Health Information. | t of |
| | 20. Template Agreement for All Third Party Service Providers21. Log of Agreements with Third Party Service Providers | .31 .32 |
| | 22. Policy & Procedures for the Linkage of Records of Personal Health Information | .34 .35 |
| | Log of Privacy Impact Assessments | .37 .38 .39 |
| | Policy & Procedures for Privacy Breach Management. Log of Privacy Breaches. Policy & Procedures for Privacy Inquiries & Complaints. | .41 .41 |
| Р | 32. Log of Privacy Complaints 2art 2 – Security Documentation | |
| | Information Security Policy Policy & Procedures for Ongoing Review of Security Policies, Procedures & Practices Policy & Procedures for Ensuring Physical Security of Personal Health Information Log of Agents with Access to the Premises of the Prescribed Person or Prescribed Entity Policy & Procedures for Secure Retention of Records of Personal Health Information | .45 .46 .48 .49 |
| | Policy & Procedures for Secure Retention of Records of Personal Health Information on Mob Devices | .50 .51 |

| | 9. Policy & Procedures Relating to Passwords | |
|----|--|-----|
| | Policy & Procedure for Maintaining & Reviewing System Control & Audit Logs Policy & Procedures Related to Change Management | |
| | 13. Policy & Procedures for Back-Up & Recovery of Records of Personal Health Information | 58 |
| | 14. Policy & Procedures on the Acceptable Use of Technology | 59 |
| | 15. Policy & Procedures In Respect of Security Audits | 59 |
| | Log of Security Audits Policy & Procedures for Information Security Breach Management | 61 |
| | 17. Policy & Procedures for Information Security Breach Management | |
| F | Part 3 – Human Resources Documentation | |
| | Policy & Procedures for Privacy Training & Awareness | |
| | Log of Attendance at Initial Orientation and Ongoing Privacy Training | 65 |
| | Policy & Procedures for Security Training & Awareness | 65 |
| | 4. Log of Attendance at Initial Security Orientation & Ongoing Security Training | 67 |
| | 5. Policy & Procedures for the Execution of Confidentiality Agreements by Agents | |
| | Template Confidentiality Agreement with Agents Log of Executed Confidentiality Agreements with Agents | |
| | 8. Job Description for the Position(s) Delegated Day-to-Day Authority to Manage the Privacy | 00 |
| | Program | 69 |
| | 9. Job Description for the Position(s) Delegated Day-to-Day Authority to Manage the Security Program | 70 |
| | 10. Policy & Procedures for Termination or Cessation of the Employment or Contractual | /(|
| | Relationship | |
| | 11. Policy & Procedures for Discipline & Corrective Action | 71 |
| F | Part 4 – Organizational & Other Documentation | 72 |
| | Privacy Governance & Accountability Framework | 72 |
| | Security Governance & Accountability Framework | |
| | Security Program4. Corporate Risk Management Framework | |
| | 5. Corporate Risk Register | |
| | 6. Policy & Procedures for Maintaining a Consolidated Log of Recommendations | 74 |
| | 7. Consolidated Log of Recommendations | |
| | 8. Business Continuity & Disaster Recovery Plan | |
| C. | Privacy, Security & Other Indicators | 77 |
| F | Part 1 – Privacy Indicators | 78 |
| F | Part 2 – Security Indicators | 82 |
| F | Part 3 – Human Resources Indicators | 84 |
| F | Part 4 – Organizational Indicators | 86 |
| D. | Sworn Affidavit | 87 |
| E. | Appendices | 89 |
| A | Appendix A – Privacy Policies & Procedures | 91 |
| A | Appendix B – List of Statements of Purpose | 100 |
| A | Appendix C – Approved Data Linkages | 131 |
| A | Appendix D – Privacy Impact Assessments | 343 |
| A | Appendix E – Privacy Audit Program | 376 |

| Appendix F – Privacy Breaches | 380 |
|---|-----|
| Appendix G – Security Policies & Procedures | 387 |
| Appendix H – Physical Security Audits | 391 |
| Appendix I – Security Audit Program | 392 |
| Appendix J – Information Security Breaches | 398 |
| Appendix K – Glossary | 402 |
| | |

A. Introduction & Explanatory Note

This report has been prepared by ICES to support its request for continued approval of the Information and Privacy Commissioner of Ontario (IPC) under section 45(3) of Ontario's *Personal Health Information Protection Act*, 2004 (PHIPA).

Our report demonstrates ICES' policies, procedures and practices to protect the privacy of individuals whose personal health information ICES collects under section 45(1) of PHIPA. It does so from three perspectives: Section B details the existence and sufficiency of the documentation required by Appendices A and B of the *Manual for the Review and Approval of Prescribed Persons and Prescribed Entities* (the "IPC Manual"). This is followed in Section C of our report by an assessment of the effectiveness of those policies, procedures and practices according to the indicators defined in Appendix C of the IPC Manual. Finally, we affirm the accuracy and completeness of this information through the affidavit of ICES' Chief Executive Officer.

Prepared by Michael Smith and Kelley A. Ross with oversight by Rosario Cartagena and with contributions from members of ICES Privacy & Legal Office

B. Required Documentation

Part 1 – Privacy Documentation

1. Privacy Policy in Respect of its Status as a Prescribed Person or Prescribed Entity

| APPLICATION | APPLICATION | | |
|----------------------------|---|-------------|--|
| Fully applicable ⊠ | ully applicable ⊠ Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicles | Name | Status | |
| | a. Privacy Policy | Implemented | |
| | b. Privacy Information, Inquiries & Complaints Policy | Implemented | |
| | c. Privacy Impact Assessment Policy | Implemented | |
| | d. ICES PIA - New ICES Data Holding | Implemented | |
| | e. ICES Project PIA Form | Implemented | |
| | f. Website privacy information | Implemented | |

DESCRIPTION

ICES' Privacy Policy establishes an overarching framework for ICES' collection, use and disclosure of personal health information, and ICES' approach to its protection.

Status under the Act

ICES' Privacy Policy describes ICES' status as a prescribed entity under s. 18(1) of O. Reg. 329/04. The policy declares ICES' commitment to protect personal health information in accordance with PHIPA and its regulation. In addition, the policy confirms that ICES implements the required privacy and security policies, procedures and practices, and that these are subject to review and approval by the Information and Privacy Commissioner of Ontario every three years. The policy also acknowledges ICES' responsibility for the handling of personal health information by its agents, and requires ICES to provide training to agents to enable their compliance.

Privacy & Security Accountability Framework

ICES' Privacy Policy articulates an accountability framework for ensuring compliance with PHIPA and its regulation, and with the privacy and security policies, procedures and practices ICES implements to maintain its designation as a prescribed entity. Under the framework, ICES' Chief Executive Officer:

- Has ultimate responsibility for ensuring compliance with PHIPA and its regulation and ICES' privacy and security policies, procedures and practices as a prescribed entity;
- Must appoint a Chief Privacy and Legal Officer and delegate to that person authority for day-to-day management of privacy and security at ICES, including responsibility for putting in place policies, procedures and practices to prevent, detect and respond to privacy and security breaches; and
- Is required to make an annual report of privacy breaches and complaints, as well as privacy audits and privacy impact assessments to the Finance, Audit and Risk Committee of ICES' Board of Directors.

Collection of Personal Health Information

ICES' Privacy Policy identifies the purposes for which personal health information is collected, the types of personal health information collected and its sources. The policy also articulates ICES' commitment to ensuring collection is in accordance with PHIPA and its regulation, and limited to that which is reasonably necessary to, and avoided where other information will, serve the purpose. ICES' Privacy Impact Assessment Policy, which is referenced in the Privacy Policy, stipulates that a privacy impact assessment must be conducted by an ICES Privacy subject matter expert (SME) prior to collection. Assessment of the amount and type of personal health information collected, which must be justified, is specifically provided for in templates used to conduct privacy impact assessments under that policy. The Privacy Policy requires the Chief Privacy and Legal Officer to ensure publication of a list of ICES data holdings on ICES' public website, together with a mechanism to allow individuals to request more detailed information. The list of specific ICES' data holdings is both very long and very dynamic, and for this reason the list itself does not form part of ICES' Privacy Policy.

Use of Personal Health Information

ICES' Privacy Policy identifies the purposes for which personal health information is used. Personal health information may be used for the purposes of health system analysis and evaluation and research conducted within ICES, and preparing information for disclosure to external researchers. In all cases, use must be in accordance with PHIPA and its regulation and, where applicable, research ethics board approvals. The policy clearly provides that agents who conduct health system evaluation and research within ICES are permitted to use "coded" information only. Coded information is personal health information from which direct personal identifiers, such as names and health card numbers, have been either removed or replaced by a confidential ICES identifier or "code." The policy

also stipulates that requests to use such information are subject to a privacy impact assessment conducted by an ICES Privacy SME. The template developed for this purpose under ICES' Privacy Impact Assessment Policy is specifically designed to limit the information made available for these purposes to what is reasonably necessary and in the least sensitive form required.

Disclosure of Personal Health Information

ICES' Privacy Policy limits disclosure of personal health information to disclosures to three scenarios: (1) disclosures to other prescribed entities and prescribed registries; (2) disclosures of risk-reduced coded datasets to external researchers; and (3) to define cohorts for external researchers for the purpose of publicly funded research that cannot be reasonably conducted within ICES.

Risk-reduced coded data is coded data that has been assessed for the identifiability of any underlying individuals and adjusted, as required, until the level of identifiability is low. Disclosures are made only as permitted by PHIPA and section 18(4) of its regulation and data sharing agreements, and verified through a privacy impact assessment. Conducted by ICES Privacy SMEs, privacy impact assessments are designed to ensure that ICES discloses personal health information only where other information will not serve the purpose, and discloses no more personal health information than is reasonably necessary. For disclosures of risk-reduced coded data, external researchers are permitted to access the datasets ICES prepares for them only on a secure ICES desktop. Cohort disclosures are limited to the minimum variables – including direct and indirect personal identifiers – necessary to identify a study population externally. Once confirmed, cohort lists are securely transferred in accordance with the cohort disclosure service agreement. Disclosure of personal health information is not permitted in any other scenario. Instead, the policy permits disclosure of de-identified information only to external researchers for retention outside the ICES desktop, to know ledge users and in publications. In each case, permission to disclose is subject to a review of the data to determine the information could not, in any reasonably foreseeable circumstance, be used, either alone or in combination with other information, to identify an individual.

Secure Retention, Transfer & Disposal of Records of Personal Health Information

ICES' Privacy Policy addresses the secure retention, transfer and disposal of personal health information in both paper and electronic format. Personal health information with direct personal identifiers is retained only temporarily. It is isolated in secure networkfolders and cabinets until data quality issues have been resolved, and is then securely destroyed by an ICES-approved method, such as cross-cut shredding for paper or secure wiping or physical destruction for media and devices. ICES also protects personal health information in transit. Protections include an encrypted file transfer system that is used for inbound and outbound electronic file transfers, and a requirement to remove direct personal identifiers before transferring paper.

Implementation of Administrative, Technical & Physical Safeguards

ICES' Privacy Policy outlines some of the administrative, technical and physical safeguards ICES implements to protect personal health information it receives against theft, loss and authorized use and disclosure and to maintain confidentiality of the information. The safeguards outlined include restrictions on access that protect personal health information against unauthorized copying, modification or disposal. Agents who conduct health system and analysis and evaluation or health-related research are permitted to access coded information, and external researchers are permitted to access risk-reduced coded data only.

Inquiries, Concerns & Complaints Related to Information Practices

ICES' Privacy Policy requires ICES to establish processes to allow individuals to make inquiries and complaints about ICES' privacy policies, procedures and practices as a prescribed entity, and to comply with PHIPA and its regulation. The Chief Privacy and Legal Officer is responsible for establishing and implementing procedures for the receipt and handling of privacy inquiries and complaints by ICES Privacy SMEs. The Chief Privacy and Legal Officer is also required to ensure instructions, including contact information, are published on ICES' public website. The information published on ICES' public website must include instructions that inquiries, concerns and complaints about ICES' privacy practices may be addressed to the Chief Privacy and Legal Officer directly, both verbally and in writing, and includes a mailing address and other contact information to enable this. The website must also include a statement that individuals may direct complaints regarding ICES' compliance with its obligations as a prescribed entity to the Information and Privacy Commissioner of Ontario, and associated mailing address and contact information.

Transparency of Practices in Respect of Personal Health Information

ICES' Privacy Policy requires ICES to publish information about its privacy practices on its website and establish processes to allow individuals to obtain further information about its privacy policies, procedures and practices as a prescribed entity. ICES' Chief Privacy and Legal Officer is responsible for fulfillment of both requirements, which are also elaborated under ICES' Privacy Information, Inquiries and Complaints Policy.

2. Policy & Procedures for Ongoing Review of Privacy Policies, Procedures & Practices

| APPLICATION | | | |
|----------------------------|--|-------------|--|
| Fully applicable 🛛 | Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicle(s) | Name | Status | |
| | a. Internal Audit Policy | Implemented | |
| | b. Privacy Audit Procedure | Implemented | |
| | c. Privacy Monitoring Log & Report Forms Workbook | Implemented | |
| | d. Policy Framework & Governance Policy | Implemented | |
| | e. Discipline & Corrective Action Policy | Implemented | |
| DESCRIPTION | | | |

ICES' Internal Audit Policy provides for continuous monitoring of ICES' privacy policies, procedures and practices. The purpose of monitoring is to detect when existing policies, procedures and practices require amendment and when new policies, procedures and practices are required to meet ICES' obligations as a prescribed entity.

The Chief Privacy and Legal Officer is responsible for putting in place a monitoring program to identify and address the implications of the following as they occur:

- Relevant regulatory changes and guidance, including any orders, fact sheets and best practices issued by the Information and Privacy Commissioner of Ontario under PHIPA and its regulation;
- · Changes to relevant industry standards;
- Risks identified through privacy impact assessments;
- · Deficiencies identified through audits;
- Inconsistencies between and among privacy and security policies, procedures and practices and between them and ICES' actual practices; and
- Investigations into privacy incidents, breaches and complaints about ICES' privacy practices.

The policy and Privacy Audit Procedure, which the Chief Privacy and Legal Officer is responsible for putting in place, provide for:

- A review of every privacy policy and their associated procedures and practices against all of the above prior to each scheduled review of ICES policies, procedures and practices by the IPC pursuant to section 45(4) of PHIPA:
- Searches of relevant external websites and databases and of ICES' records to identify the changes, risks, deficiencies and inconsistencies listed above in support of the review;
- The procedure and timeframe for undertaking the review;
- The form, content and supporting evidence that must be generated to document the review;
- The procedure for identifying, and taking steps to address, any need to amend or supplement ICES' privacy
 policies, procedures and practices identified through the review; and
- Assignment of ICES Privacy SMEs or qualified third parties to conduct the reviews.

ICES' Policy Framework and Governance Policy governs the revision, creation and communication of policies, procedures and practices at ICES, including ICES' Internal Audit Policy. In accordance with ICES' Policy Framework and Governance Policy, the Chief Privacy and Legal Officer is responsible for the creation, revision and communication of any changes to ICES' privacy policies, procedures and practices, including ICES' Internal Audit Policy. The Policy Framework and Governance Policy stipulates that changes must be communicated both to agents through ICES' intranet and to the public.

Specifically, the Policy Framework and Governance Policy dictates the procedure for identifying a requirement for a new or revised policy and/or procedure, which includes identification of the need to ICES' Operations Committee. In accordance with procedures set out in ICES' Change Management Procedure, new or revised policies and/or procedures that affect general ICES operations or that require broader communications undergo Operations Committee review, as well as review by ICES satellite sites for network-wide policies and/or procedures. Lastly, new or revised policies and/or procedures require review and approval by ICES' Change Advisory Board (CAB).

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations, including

breaches, are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

3. Policy on the Transparency of Privacy Policies, Procedures & Practices

| APPLICATION | | | |
|-------------------------------|--|-------------|--|
| Fully applicable 🛛 | Qualified application (explain) | | |
| EXISTENCE & IMPLEI | EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status | |
| | a. Privacy Policy | Implemented | |
| | b. Privacy Information, Inquiries & Complaints Policy | Implemented | |
| | c. Privacy Statement | Implemented | |
| | d. Website Privacy FAQ | Implemented | |
| DESCRIPTION | | | |

ICES' Privacy Policy and Privacy Information, Inquiries and Complaints Policy require ICES to publish information about its data holdings and privacy policies, procedures and practices on its public website. Information that must be published on ICES' public website includes:

- ICES' Privacy Policy;
- Frequently asked questions related to ICES' privacy policies, procedures and practices;
- Documentation related to ICES' most recent review under s. 45(3) of PHIPA by the Information and Privacy Commissioner of Ontario;
- An overview of key administrative, technical and physical safeguards to protect privacy and prevent privacy breaches;
- A list of ICES' data holdings; and
- Instructions, including the title, mailing address and contact information, for making inquiries and complaints about ICES' privacy policies, procedures and practices and compliance with PHIPA and its regulation.

The Privacy Information, Inquiries and Complaints Policy requires publication of a brochure or frequently asked questions, which, at a minimum, must address:

- The types of personal health information in ICES data holdings, and their sources;
- The purposes for which personal health information is collected;
- The purposes for which personal health information is used; and
- The circumstances under which and the purposes for which ICES discloses personal health information, and the persons or organizations to which it is typically disclosed.

Under the policies, ICES' Chief Privacy and Legal Officer is responsible for ICES' compliance with the above requirements.

4. Policy & Procedures for the Collection of Personal Health Information

| APPLICATION | | | |
|------------------------------|---|-------------|--|
| Fully applicable | Qualified application (explain) | | |
| EXISTENCE & IMPLE | EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status | |
| | Collection of Personally Identifiable Information Policy | Implemented | |
| | b. Collection of Personally Identifiable Information Procedures | Implemented | |
| | c. Privacy Policy | Implemented | |
| | d. ICES PIA Form - New ICES Data Holding | Implemented | |
| | e. ICES Project PIA Form | Implemented | |

| f. | Internal Audit Policy | Implemented |
|----|---------------------------------------|-------------|
| g. | Discipline & Corrective Action Policy | Implemented |
| h. | Privacy Incident Management Policy | Implemented |

DESCRIPTION

ICES' Privacy Policy identifies the purposes for which ICES collects personal health information, its nature, and from whom. Key collection purposes identified in the policy include health system analysis and evaluation, conducted by ICES independently or on behalf of policy-makers and health care providers, and research conducted by ICES scientists and others under the oversight of a research ethics board. Health information custodians like hospitals, other prescribed entities, prescribed registries and researchers are identified as the sources. All disclose personal health information to ICES.

ICES' Privacy Policy and Collection of Personally Identifiable Information Policy both articulate ICES' commitment to collect personal health information only in accordance with PHIPA and its regulation, to collect personal health information only where other information will not serve the purpose, and to collect no more personal health information than is reasonably necessary to meet the purpose.

Compliance with ICES' Privacy Policy and these procedures is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

Review & Approval Process

The Collection of Personally Identifiable Information Policy stipulates that any agent who wishes to collect personal health information must ask ICES' Privacy and Legal Office to conduct a privacy impact assessment. Assessments, which are conducted by an ICES Privacy SME in consultation with the requestor, must be completed to authorize the collection. The assessments are conducted against templates developed by ICES' Privacy and Legal Office under ICES' Privacy Impact Assessment Policy. The templates are designed to ensure that:

- The collection is permitted by PHIPA and its regulation;
- All conditions or restrictions in PHIPA and its regulation are satisfied;
- Other information, such as de-identified or aggregate information, will not serve the purpose; and
- No more personal health information is collected than is reasonably necessary for the identified purpose.

Conditions or Restrictions on Approval

ICES' privacy impact assessment templates, which are defined and mandatory, are the vehicle used to address and document each of the requirements listed above, and communicate the results. Requestors receive a copy of the completed assessment, which includes a decision to approve or deny the collection, as well as any conditions that must be met. These include requirements to establish a data sharing agreement prior to collection in all cases where personal health information is being collected. These requirements are supported in the Collection of Personally Identifiable Information Procedures. The procedures define the process for obtaining approvals and establishing data sharing agreements. ICES' Contracts Specialist is responsible for establishing data sharing agreements, consulting with an ICES Privacy SME as necessary, and for alerting ICES' Data Covenantors when agreements are in place and collection may therefore proceed.

Secure Retention, Transfer & Return or Disposal

The policy specifically requires that personal health information, once collected, be retained, transferred and returned or disposed of in accordance with ICES policies, procedures and practices on these topics. These are described in 2(5), 2(7) and 2(8) in Part 2 of Section B of this report.

5. List of Data Holdings Containing Personal Health Information

| APPLICATION | APPLICATION | | |
|--|---------------------------------|-------------|--|
| Fully applicable ⊠ | Qualified application (explain) | | |
| EXISTENCE & IMPLEI | EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status | |
| | a. ICES Data Dictionary | Implemented | |
| DESCRIPTION | | | |
| ICES has developed and maintains an up-to-date list and brief description of ICES' data holdings, which is published | | | |
| on ICES' public website | | | |

6. Policy & Procedures for Statements of Purpose for Data Holdings Containing Personal **Health Information**

| APPLICATION | | |
|-------------------------------|---|-------------|
| Fully applicable 🛛 | Qualified application (explain) | |
| EXISTENCE & IMPLEI | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. ICES DSA (HIC) | Implemented |
| | b. ICES DSA (Researcher) | Implemented |
| | c. Collection of Personally Identifiable Information Procedures | Implemented |
| | Collection of Personally Identifiable Information Policy | Implemented |
| | e. Privacy Impact Assessment Policy | Implemented |
| | f. Internal Audit Policy | Implemented |
| | g. Discipline & Corrective Action Policy | Implemented |
| | h. Privacy Incident Management Policy | Implemented |
| | i. ICES PIA Form - New ICES Data Holding | Implemented |
| | j. ICES Project PIA Form | Implemented |
| DESCRIPTION | | |

ICES' Collection of Personally Identifiable Information Policy and associated procedure set out the requirements for generating, reviewing, amending and approving statements of purpose for data holdings containing personal health information. The policy requires ICES to generate a statement of purpose each time it collects information for inclusion as an ICES data holding. Statements of purpose must identify the purpose of the collection, as well as the personal health information involved, its source, and the need for it.

Under the policy, any agent who wishes to collect personal health information for an ICES data holding must ask ICES' Privacy and Legal Office to conduct a privacy impact assessment. Assessments, which are conducted by an ICES Privacy SME in consultation with, and signed off by, the requestor, are required to generate an approved statement of purpose, ICES' Contracts Specialist or an ICES Privacy SME, as applicable, must then ensure that the approved statement of purpose is reviewed by the person or organization from whom the personal health information will be collected and incorporated into a data sharing agreement, which must be in place prior to collection. Under the policy, the statement of purpose must be amended, by repeating these procedures, prior to undertaking any activity that is inconsistent with the statement of purpose as approved.

The accuracy and currency of statements of purpose are verified on an ongoing basis as well as through annual audits. Permission to use any data holding is subject to review and approval by an ICES Privacy SME. Conducted using an ICES Project PIA Form, the review must confirm that the proposed use is in accordance with the statement of purpose. Annual audits are conducted by an ICES Privacy SME, and are required under ICES' Internal Audit Policy. Where inaccuracies are discovered though an audit, these must be corrected by following the procedures for amendment described above.

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

7. Statements of Purpose for Data Holdings Containing Personal Health Information

| APPLICATION | | | |
|--------------------|---|-------------|--|
| Fully applicable 🗵 | Qualified application (explain) | | |
| | EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status | |
| | a. ICES DSA (HIC) | Implemented | |
| | b. ICES DSA (Researcher) | Implemented | |
| | c. ICES Data & Analytic Services Agreement - Research (various) | Implemented | |
| DESCRIPTION | - Nesearch (various) | | |

ICES generates a statement of purpose each time it collects personal health information for inclusion as an ICES data holding. Statements of purpose, are incorporated into, and form part of, data sharing agreements and research agreements with individuals and organizations who disclose personal health information to ICES. The statements of purpose identify the purpose of the data holding, as well as the personal health information involved, its source, and the need for the information in relation to the identified purpose.

8. Policy & Procedures for Limiting Agent Access to & Use of Personal Health Information

| APPLICATION | | |
|-------------------------------|---|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEN | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Protection of ICES Data Policy | Implemented |
| | b. Contracts Database | Implemented |
| | c. ICES Confidentiality Agreement (General) | Implemented |
| | d. ICES Confidentiality Agreement (Data Covenantor) | Implemented |
| | e. ICES Confidentiality Agreement (Abstractor) | Implemented |
| | f. ICES Collaborating Researcher NDA | Implemented |
| | g. ICES Project PIA Form | Implemented |
| | h. Privacy Impact Assessment Policy | Implemented |
| | i. ICES PIA - New Data Holding Form | Implemented |
| | j. Termination of Employment/Resignation & Discharge Policy | Implemented |
| | k. Research Analytics Environment (RAE) Procedures | Implemented |
| | Management of Data Covenantors Procedure | Implemented |
| | m. Abstractor Onboarding & Offboarding Procedure | Implemented |
| | n. Data Covenantor Log | Implemented |
| | o. Log of ICES Abstractors | Implemented |
| | p. ICES Project PIA Log | Implemented |
| | q. Dataset Creation Plan Template (various) | Implemented |
| | r. Privacy Incident Management Policy | Implemented |
| | s. Discipline & Corrective Action Policy | Implemented |
| | t. Internal Audit Policy | Implemented |

DESCRIPTION

ICES' Protection of ICES Data Policy limits access to and use of personal health information by agents on a need-to-know basis. The policy ensures that agents access and use the least identifiable information and the minimum amount required for their role. ICES also ensures that any agents granted access to and use of personal health information may disclose such personal health information only as permitted by PHIPA and its Regulation.

Under the policy, only ICES Data Covenantors and ICES Abstractors are permitted to handle personal health information with direct personal identifiers. These are the agents responsible for collecting personal health information at ICES. Agents who conduct health system analysis and evaluation, and link information in ICES data holdings for those purposes, are permitted to access "coded" information only. Coded information is personal health information from which

direct personal identifiers, such as names and health card numbers, have been removed or replaced with a confidential code by an ICES Data Covenantor.

The extent of access to coded information is then subject to access levels and permissions, which are based on need. ICES analytic staff, who create project datasets, require and therefore have access to ICES data holdings; others on the project team are permitted to access and use project datasets only, subject to their assigned level of access and approval to participate in the project. For example, an epidemiologist may have access to a version of a project dataset that contains year of birth and the first three digits of the postal code; those variables will not be present in the version used by the investigator. Analytic staff are responsible for making these adjustments to the project datasets they create. And, under the policy, investigators who are not ICES scientists – called ICES collaborating researchers – are permitted to receive aggregate data only.

All agents are prohibited from accessing and using personal health information if other information, such as de-identified or aggregate information, will serve the purpose, and from using more personal health information than is necessary for the purpose. Agents are also prohibited from using coded or other information, alone or in combination, to identify any individual. This includes attempting to decrypt information that is encrypted, attempting to identify an individual based on unencrypted information and attempting to identify an individual based on prior knowledge. This prohibition is reinforced through ICES' confidentiality and non-disclosure agreements and conditions enforced through the ICES Project PIA Form, which is used to request and document approval to conduct projects at ICES.

Review & Approval Process

Under the Protection of ICES Data Policy, permission to access or use personal health information is subject to a privacy impact assessment. Privacy impact assessments are conducted by ICES Privacy SMEs under ICES' Privacy Impact Assessment Policy.

Permission for an ICES Data Covenantor to collect and use personal health information for the purposes of establishing or maintaining an ICES data holding is provided in an ICES PIA Form – New Data Holding. The process for requesting a privacy impact assessment in this scenario and the requirements that must be satisfied are set out in Part 1(4) of Section B of this report.

All other permissions to access and use personal health information for purposes other than research are provided in the ICES Project PIA Form. Submitted to ICES' Privacy and Legal Office by the principal investigator for the project, the ICES Project PIA Form defines the requirements and documentation that must be satisfied in requesting, reviewing and determining whether, and on what basis, permission to use personal health information is granted. To approve, the ICES Privacy SME must be satisfied that:

- The request to access and use personal health information is permitted by PHIPA and its regulation;
- The project objectives cannot be reasonably accomplished without the personal health information;
- The project objectives cannot be accomplished with de-identified and/or aggregate information; and
- No more personal health information will be accessed and used than is necessary to achieve the objectives of the project.

These determinations are supported by a warranty from the principal investigator, which has been confirmed by their program leader, that the personal health information is relevant and required. Further, in all cases permission is granted subject to the condition that a more granular dataset creation plan must be established jointly by the principal investigator, or the responsible ICES scientist if the principal investigator is not a full-status ICES scientist, and ICES analytic staff prior to creation of the project dataset, and align to the project objectives approved in the ICES Project PIA Form.

Once finalized, the ICES' Privacy and Legal Administrator sends the approved ICES Project PIA Form to the principal investigator for the project and uploads a copy to a network folder, where it is accessible to ICES' Data Covenantors and analytic staff.

Conditions & Restrictions on Approval

Again, the Protection of ICES Data Policy establishes the purposes for, and conditions under which, each category of ICES agent is permitted to access and use personal health information. Under the policy, permission for access and use of personal health information is for, and for as long as required for, those purposes.

The need for access is monitored and managed through the Research Analytics Environment (RAE) Procedures. The procedures provide for annual review of access to project folders, and removal of access that is no longer required. This is reinforced by provisions in confidentiality agreements, which must be signed by every agent under ICES' Privacy Awareness and Training Policy. By signing, agents agree to access and use personal health information only:

- As necessary for their role;
- If other information will not serve the purpose; and
- To the extent reasonably necessary for the purpose.

The agreements also require agents to acknowledge and agree that they are not permitted to disclose personal health information. The exception is ICES Data Covenantors, who are responsible for disclosures, subject to the policies, procedures and practices described in Part 1(12) of Part B of this report.

Notification & Termination of Access & Use

A policy is in place to provide notification and terminate access and use when an agent is no longer employed by ICES or requires access. ICES' Termination of Employment/Resignation and Discharge Policy addresses notification and termination of access and use of personal health information at the end of employment. Under the policy, employees are required to notify their supervisor in writing of their intention to resign. Within 24 hours of receipt, the supervisor is required to forward the written notice to a member of ICES' Human Resources staff, who is required to provide written notification to ICES' IT Department and ICES' Facility Manager. The notice alerts those groups of the need to secure computer files and terminate access to ICES systems and facilities, and the timeframe for doing so. There are distinct procedures that govern the process for terminating access when an ICES Data Covenantor transitions to a different role or an ICES Abstractor's assignment concludes. The Management of Data Covenantors Procedure requires the immediate supervisor to submit a request form to the Director of ICES Data Quality and Information Management, who must then send a ticket that instructs ICES' Information Systems to remove access. Under the Abstractor Onboarding and Offboarding Procedures, the research coordinator responsible for the ICES Abstractor sends the ticket, triggering removal of access and recovery of any IT equipment.

Secure Retention & Disposal

Under the Protection of ICES Data Policy all permission to access or use personal health information is subject to the policies, procedures and practices governing secure retention and disposal that are described in 2(5) and 2(8) in Part 2 of Section B of this report.

Tracking Approved Access to & Use of Personal Health Information

ICES tracks approved access to and use of personal health information. Four logs and one form are maintained. The Director of ICES' Data Quality and Information Management maintains the Data Covenantor Log, which lists approved ICES Data Covenantors. ICES' Data Quality and Information Management staff maintain the Contracts Database, which tracks actual access and use of personal health information by ICES Data Covenantors. Project managers are required to maintain a log of ICES Abstractors, which identifies any abstractors and the scope, purpose and duration of their approval to access personal health information for the association project. Finally, the Privacy and Legal Administrator maintains the ICES Project PIA Log, which captures the names of all agents authorized to access and use personal health information for specific projects. The ICES Project PIA Log is supplemented with a list of project team members that is maintained as part of the Dataset Creation Plan, which must be established for every project.

Compliance, Audit & Enforcement

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations, including breach, are subject to a range of disciplinary actions including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

9. Log of Agents Granted Approval to Access & Use Personal Health Information

| | • • | |
|--------------------|---|-------------|
| APPLICATION | | |
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLE | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Contracts Database | Implemented |
| | b. ICES Abstractor Log | Implemented |
| | c. ICES Project PIA Log | Implemented |
| | d. Dataset Creation Plan Template (various) | Implemented |
| | e. DQIM Data Disclosure Log | Implemented |

DESCRIPTION

ICES maintains logs of agents granted approval to access and use personal health information. Together the logs capture:

- Agent name;
- Data holding;
- Type of access and use;
- Start date; and
- End date.

Please note, the DQIM Data Disclosure Log captures date of disclosure instead of start and end dates.

10. Policy & Procedures for the Use of Personal Health Information for Research

| APPLICATION | | |
|--------------------|---|------------------------------------|
| Fully applicable | Qualified application (explain) ICES' Privacy F health information for research. Part 1(10) therefoleolded sub-heading on page 31 of the IPC Manual | ore applies to ICES only up to the |
| EXISTENCE & IMPLEM | | |
| ICES vehicle(s) | Name | Status |
| l L | a. Privacy Policy | Implemented |
| | b. Privacy Incident Management Policy | Implemented |
| l L | c. Discipline & Corrective Action Policy | Implemented |
| | d. Internal Audit Policy | Implemented |
| | e. Research Ethics Review Policy | Implemented |
| | f. Protection of ICES Data Policy | Implemented |
| | g. Privacy Impact Assessment Policy | Implemented |
| | h. ICES Project PIA Form | Implemented |
| | i. DAS Project Intake, Adjudication & | Implemented |
| L | Initiation Procedure | |
| | j. ICES Data & Analytic Services Agreement | Implemented |
| <u> </u> | - Research | |
| | k. ICES Data & Analytic Services Agreement | Implemented |
| <u> </u> | Authorized Researcher Agreement | |
| <u> </u> | I. Privacy Awareness & Training Policy | Implemented |
| <u> </u> | m. ICES Confidentiality Agreement (General) | Implemented |
| | n. ICES Confidentiality Agreement (Data | Implemented |
| <u> </u> | Covenantor) | |
| | o. ICES Confidentiality Agreement | Implemented |
| | (Abstractor) | · |
| <u> </u> | p. ICES Collaborating Researcher NDA | Implemented |
| | q. ICES Project PIA Log | Implemented |
| [L | r. DAS Projects Log | Implemented |
| <u> </u> | s. Contracts Database | Implemented |
| | t. Data Management Policy | Implemented |
| DESCRIPTION | | |

DESCRIPTION

ICES' Privacy Policy identifies the scenarios in which personal health information may be used for research purposes. Personal health information may be used for the purposes of research conducted by ICES and for continuing ICES research commenced outside ICES. In addition, personal health information may be used to perform analysis requested by, and prepare datasets for disclosure to, external researchers. In all cases, this is subject to the general principle, also articulated in the policy, that ICES does not use personal health information if other information will serve the purpose or use more personal health information than is necessary for the purpose.

Compliance with the privacy policy is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy, in accordance with ICES' Privacy Incident Management Policy. Violations, including breach, are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

Circumstances in which use of Personal Health Information is Permitted

ICES Research Ethics Review Policy stipulates that ICES must obtain approval of a Research Ethics Board prior to commencing any ICES research. Use of personal health information for the purposes of externally-approved research must have the approval of the research ethics board that approved the research. These requirements are reinforced through the ICES Project PIA Form and the DAS Project Intake, Adjudication and Initiation Procedure, which guide the review and approval of research conducted inside ICES and external research, respectively.

Distinction between the Use of Personal Health Information for Research & Other Purposes

Both the Privacy Policy and the Research Ethics Review Policy explicitly distinguish between use of personal health information for research purposes and for the purposes of section 45 of PHIPA. This is reinforced in the ICES Project PIA Form. This is the form used to request and document permission to use personal health information for any project at ICES. Submitted to ICES' Privacy and Legal Office by the principal investigator for the project, the form must be reviewed and approved by an ICES Privacy SME. To do so, the ICES Privacy SME must identify and record on the form:

- Whether the use will be for a section 45 purpose or for research;
- Whether or not research ethics board approval is required; and
- Where research ethics board approval is required, identify any deficiencies in that approval, which need to be addressed in order for the project to proceed.

Review & Approval Process

Under the Protection of ICES Data Policy, permission to access or use personal health information for any project conducted within ICES is subject to a privacy impact assessment. Privacy impact assessments are conducted by ICES Privacy SMEs under ICES' Privacy Impact Assessment Policy, using the ICES Project PIA Form. Permission to use personal health information in support of external research is governed by the DAS Project Intake, Adjudication and Initiation Procedure.

The ICES Project PIA Form and DAS Project Intake, Adjudication and Initiation Procedure define the requirements and documentation that must be satisfied in requesting, reviewing and determining whether, and on what basis, permission to use personal health information for a research purpose is granted. In both scenarios, the ICES Privacy SME must be satisfied that:

- The request to access and use personal health information is permitted by PHIPA and its regulation;
- The proposed use of personal health information is reflected in a written research plan, which has been approved by a research ethics board in accordance with PHIPA and its regulation;
- A copy of the research ethics board approval is appended to the ICES Project PIA Form;
- The personal health information to be used is consistent with what has been approved:
- The research objectives cannot be accomplished with de-identified and/or aggregate information; and
- No more personal health information will be accessed and used than is necessary to achieve the research objectives.

In the case of research to be conducted within ICES, these determinations are supported by a warranty from the principal investigator, which has been confirmed by their program leader, that the personal health information is relevant and required. External research has been approved by a research ethics board. Further, in all scenarios permission is granted subject to the condition that a more granular dataset creation plan must be established jointly by the principal investigator, or the responsible ICES scientist if the principal investigator is not a full-status ICES scientist, and ICES analytic staff prior to creation of the project dataset, and align to the research objectives approved in the ICES Project PIA Form, or, in the case of external research, set out in the written research plan that has been approved by a research ethics board.

Once finalized, the ICES Privacy and Legal Administrator or the Privacy SME who reviews the documentation sends the approved ICES Project PIA Form to the principal investigator for the project and uploads a copy to a network folder, where it is accessible to ICES' Data Covenantors and analytic staff. In the case of external research, the DAS Research Program Manager uploads a copy of the signed services agreement to the Contracts Database and requests a billing number, which is the authority for analytic staff to begin work.

Conditions or Restrictions on the Approval

The ICES Project PIA Form and DAS Project Intake, Adjudication and Initiation Procedure are designed to ensure compliance with the requirements of section 44(6) (a) through (f) of PHIPA. They do so as follows: first, to approve, the ICES Privacy SME is required to verify compliance with:

- Any conditions specified in the written research plan; and
- · Any data sharing agreement governing personal health information disclosed to ICES for the research.

Second, in submitting an ICES Project PIA Form for approval, the principal investigator has already formally accepted that the research will be subject to the terms and conditions identified on the form. External researchers are required to enter into a services agreement (in the case of the principal investigator) or confidentiality agreement. These stipulate that:

- Personal health information may be used only for the approved research objectives;
- Results must not be published in any form that could reasonably enable re-identification of any individual;
- Personal health information must not be disclosed except as required by law;
- No individual may be contacted; and
- Agents report breaches and suspected breaches to an ICES Privacy Officer at the first reasonable opportunity.

The Privacy SME responsible for delivering privacy orientation ensures the execution of Confidentiality Agreements by obtaining signed copies and providing them to the Privacy & Legal Administrator, who is then responsible for filing signed agreements and tracking their execution in ICES' Privacy & Security Awareness Log.

ICES' Privacy Incident Management Policy and procedures, in turn, require ICES to notify the person or organization who disclosed the information to ICES. Although the principal investigator has overarching responsibility for conduct of research, it should be noted that the same conditions are imposed through confidentiality agreements that are signed by every agent who participates.

Secure Retention, Return or Disposal

Personal health information used for research at ICES remains in ICES' custody and control at all times, subject to ICES' policies, procedures and practices for secure retention, return and disposal. To the extent these are inconsistent with what has been approved by a research ethics board, that inconsistency will be identified and addressed as part of the ICES Privacy SME's review and approval.

Regarding secure retention, the ICES Data Management Policy mandates that records of personal health information in both paper and electronic format be retained for only as long as necessary to fulfill the purposes for which they were collected. The policy requires that records of personal health information collected for research not be retained for longer than specified in the research plan approved by a research ethics board, and that records of personal health information collected pursuant to a data sharing agreement not be retained for longer than set out in the agreement. The policy provides for the establishment of a records retention schedule, which exists and is used to monitor and manage retention of personal health information in accordance with research plans and data sharing agreements.

The policy stipulates that records of personal health information must be retained in a secure manner and assigns overall responsibility to the ICES' Director, Data Quality and Information Management. The policy and the ICES Data Management Standard identify the precise methods by which records of personal health information in paper and electronic format must be securely retained. Records of personal health information on paper must be stored in locked rooms and cabinets. Records of personal health information in electronic format on ICES systems must be stored on a server isolated from the ICES network. Records of personal health information on mobile media must be encrypted and stored in locked rooms and safes.

The policy requires agents to take reasonable steps to ensure records of personal health information are protected against theft, loss and unauthorized use, disclosure, copying, modification or disposal. The detail of the policy and supporting standard, compliance with which is mandatory, effectively defines the reasonable steps, which include use of locked rooms, cabinets and safes, segregated servers with access controls and encryption of mobile media. As well, under the standard, personal health information with direct personal identifiers is retained only temporarily until data quality issues have been resolved and is then securely destroyed by an ICES-approved method.

Regarding secure disposal, the ICES Data Management Policy and related procedures address the secure disposal of records of personal health information in both paper and electronic format. The policy requires records of personal health information to be disposed of in a secure manner that is consistent with the definition in PHIPA and its regulation. The policy states that secure disposal means that records are disposed of in such a manner that their reconstruction is not reasonably foreseeable in the circumstances.

The ICES Data Management Standard, Information Media Destruction SOP and Destruction of ICES Data SOP identify the precise methods for the secure disposal of records of personal health information in paper and electronic format, including various media. Records on paper must be disposed of by crosscut shredding or deposited into approved shredding bins for secure disposal by a third party service provider. Mobile devices or media must be wiped using secure overwrite utility software. Unserviceable mobile media must be physically destroyed by burning platters, degaussing or shredding to prevent reconstruction. Records on ICES servers must be permanently deleted. The policy requires that these secure disposal methods be consistent with PHIPA and its regulation, with IPC orders, including Order H0-001 and Order HO-006, and with IPC guidelines, fact sheets and best practices, including Fact Sheet 10: Secure Destruction of Personal Information.

The standard and the two SOPs address the secure retention of records of personal health information pending their secure disposal. Records intended for disposal must be physically segregated from records intended for recycling, stored in designated areas, and retained in clearly marked cabinets, safes or bins. Records on paper, if not shredded by ICES staff, must be stored in designated bins distributed throughout ICES' premises until they are securely disposed of by a third party service provider. Shredding bins are clearly marked, opaque and locked and their contents cannot be accessed by ICES staff. ICES' Facilities Manager is responsible for ensuring the security of paper bins pending secure disposal of their contents. Mobile media intended for disposal must be clearly marked and stored in a locked room in a clearly marked safe until they are securely disposed of. ICES' IT Service Lead is responsible for ensuring the media is securely retained pending its secure disposal.

In accordance with ICES' Data Management Policy, records of personal health information used for research purposes must not be retained by ICES longer than as is specified in the research plan approved by a research ethics board. Records of personal health information set out in a Data Sharing Agreement and used for research must not be retained longer than as set out in the Data Sharing Agreement.

ICES' compliance with all of the above is subject to an annual audit conducted by an ICES Privacy SME under ICES' Internal Audit Policy.

Tracking Approved Uses of Personal Health Information for Research

ICES uses the ICES Project PIA Log to track approved access to and use of personal health information for research conducted within ICES. The log is maintained by the Privacy and Legal Administrator, who is also responsible for creating and maintaining a file on the ICES networkfor every project, including research projects. They include the ICES Project PIA Form that approved conduct of the research with supporting research plans and approvals. Approved uses for external research are tracked by the DAS Research Project Manager in the DAS Projects Log. ICES' Data Quality and Information Management team, who are responsible for all data destruction at ICES, captures creation of certificates of destruction inside ICES' Contracts Database.

In addition to the use of personal health information for research, ICES also permits the use of de-identified and/or aggregate information for research purposes.

Review and Approval Process

Similar to the processes in place for the use of personal health information for research, a request for the use of deidentified and/or aggregate information for any project conducted at ICES first would be subject to a Project PIA. These PIAs would be conducted by a Privacy SME in accordance with ICES' Privacy Impact Assessment Policy and using an ICES Project PIA form completed by the project's Principal Investigator. The required content of the Project PIA form would be the same as for PIAs submitted for requests to use personal health information for research.

The Privacy SME would be responsible for approving or denying the request for use of de-identified and/or aggregate information for a research purpose. Once finalized, the Privacy SME who completes the review of the Project PIA would provide a copy of the approved form to the Principal Investigator, which would include the reason(s) the request was approved or denied.

Prior to use of the de-identified and/or aggregate information for a research purpose, an ICES Analyst would be required to review the information to ensure it does not identify any individuals and that it is not reasonably foreseeable in the circumstances that the information could be used, either alone or with other information, to identify an individual.

Conditions or Restrictions on the Approval

Any ICES Agent granted approval to use de-identified and/or aggregate data for a research purpose is prohibited from using the information, either alone or with other information, to identify an individual. This includes attempting to decrypt information that is encrypted, attempting to identify an individual based on unencrypted information and

attempting to identify an individual based on prior knowledge. The project's Principal Investigator is responsible for ensuring these restrictions are being upheld.

11. Log of Approved Uses of Personal Health Information for Research

| APPLICATION | | |
|-------------------|---------------------------------|-------------|
| Not applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLE | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. ICES Project PIA Log | Implemented |
| | b. DAS Projects Log | Implemented |
| | c. Contracts Database | Implemented |
| DESCRIPTION | | |

The ICES Project PIA and DAS Projects logs, which are maintained by the Privacy and Legal Administrator and DAS Research Project Manager, respectively, capture:

- The name of the research study;
- The principal investigator for the research study to whom approval is granted;
- The date of the decision of the research ethics board that approved the written research plan;
- The date ICES approved use of personal health information for the research study;
- The nature of the personal health information approved for use;
- The retention period for records of personal health information identified in the written research plan approved by the research ethics board; and
- The projected end date for the research study.

For any personal health information collected for the research study, the Contracts Database maintained by ICES' Data Covenantors and ICES' Contracts Specialist, as applicable, captures:

- Collection date;
- Obligations to return;
- The planned destruction date;
- The actual date of return or destruction (as applicable); and
- The date of dispatch of any certificate of destruction.

12. Policy & Procedures for Disclosure of Personal Health Information for Purposes Other Than Research

| APPLICATION | | |
|--------------------|--|-------------|
| Fully applicable | Qualified application (explain) | |
| EXISTENCE & IMPLEN | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Policy | Implemented |
| | b. Privacy Impact Assessment Policy | Implemented |
| | c. Privacy Incident Management Policy | Implemented |
| | d. Internal Audit Policy | Implemented |
| | e. Discipline & Corrective Action Policy | Implemented |
| | f. ICES Project PIA Form | Implemented |
| | g. ICES PIA Form - ICES Data Disclosure | Implemented |
| | h. Re-identification Risk Assessment | Implemented |
| DECODIDATION | Procedure | |

DESCRIPTION

ICES' Privacy Policy authorizes disclosure of personal health information to other prescribed organizations for their prescribed purposes, as permitted by PHIPA and its regulation and data sharing agreements. Disclosure is authorized only where other information will not serve the purpose, and only to the extent reasonably necessary to meet the purpose.

Compliance with ICES' Privacy Policy is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions,

including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

Review & Approval Process

ICES' Privacy Policy stipulates that disclosures must undergo, and be approved through, a privacy impact assessment. Assessments are conducted by an ICES Privacy SME under ICES' Privacy Impact Assessment Policy. Under that policy, ICES Strategic Partnerships must submit a Request for Data Disclosure PIA Form to ICES' Privacy and Legal Office. This is the prompt for an ICES Privacy SME to initiate an ICES PIA Form – ICES Data Disclosure to document its assessment, approval or denial, and any associated conditions and instructions. Once the ICES Privacy SME has approved the PIA and is satisfied all conditions and restrictions have been satisfied, the process for establishing a data sharing agreement may begin.

Approved or denied Data Disclosure PIAs are provided via email by the Privacy SME to Strategic Partnerships

Requirements for disclosure that are enforced through the ICES PIA Form - ICES Data Disclosure include:

- The disclosure is permitted by PHIPA and its regulation;
- All conditions and restrictions under PHIPA and its regulation are satisfied;
- Other information, such as de-identified or aggregate information, will not serve the purpose; and
- No more personal health information will be disclosed than is reasonably necessary for the identified purpose.

Conditions & Restrictions on the Approval

Where disclosure is authorized, the ICES PIA Form – ICES Data Disclosure stipulates that a data sharing agreement is required and includes a section with instructions recorded on the form. ICES' Contracts Specialist is responsible for ensuring a data sharing agreement is put in place prior to the disclosure, in accordance with ICES' policies, procedures and practices described in Parts 1(16) and 1(17) of Section B of our report.

ICES' Privacy Policy authorizes disclosure of de-identified information only to knowledge users, such as policy-makers. It does so with the caveat that the information first must be assessed in accordance with ICES' Reidentification Risk Assessment Procedure as creating no discernible risk of re-identification.

Secure Transfer, Return or Disposal

The topics secure transfer and secure return or disposal are both addressed in the ICES PIA Form – ICES Data Disclosure. The completed form provides instructions for how each of these topics must be addressed in the data sharing agreement that governs the disclosure, which must be in compliance with ICES' Secure Transfer, Retention and Destruction of ICES Data Policy. This includes the timeframe for return or destruction, including return or destruction in the context of termination of the data sharing agreement, and related enforcement mechanisms. ICES' Strategic Partnerships department is responsible for administration of data sharing agreements, including enforcement of these required elements.

Compliance

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

13. Policy & Procedures for Disclosure of Personal Health Information for Research Purposes & the Execution of Research Agreements

| APPLICATION | | |
|-------------------------------|---------------------------------|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEI | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Policy | Implemented |

| b. | Privacy Incident Management Policy | Implemented |
|----|---|-------------|
| C. | Privacy Audit & Monitoring Policy | Implemented |
| d. | Discipline & Corrective Action Policy | Implemented |
| e. | DAS Project Intake, Adjudication & | Implemented |
| | Initiation Procedure | |
| f. | DAS Request Form | Implemented |
| g. | Cohort Disclosure Procedure | Implemented |
| h. | Confirmation of Feasibility | Implemented |
| i. | Dataset Creation Plan (various) | Implemented |
| j. | ICES Data & Analytic Services Agreement | Implemented |
| | - Research | |
| k. | Authorized Researcher Confidentiality | Implemented |
| | Agreement | |
| I. | Destruction of ICES Data Procedure | Implemented |
| m. | | |
| n. | CD-Link Proposal Review & Approval | Implemented |
| | Standard Operating Procedure (SOP) | Implemented |
| | | |

DESCRIPTION

ICES' Privacy Policy permits disclosure of personal health information to external researchers in two scenarios: first, disclosures of risk-reduced coded data are accessed by researchers on a secure ICES desktop. These researchers are permitted to receive and retain research results outside the desktop, but only after they have been de-identified by an ICES analyst.

In the second scenario, ICES permits disclosure of cohort lists to external researchers for publically funded research that cannot be reasonably conducted within ICES. Disclosure of cohort lists must involve only the minimum variables necessary to identify a study population externally, and must be transferred in accordance with the cohort disclosure service agreement.

Each of these disclosures for research is made only as permitted by PHIPA and section 18(4) of its regulation and data sharing agreements, and are subject to either the DAS Project Intake, Adjudication and Initiation Procedure or the Cohort Disclosure Procedure. The DAS Project Intake, Adjudication and Initiation Procedure requires that a dataset creation plan be established in consultation with, and approved by, an ICES Analyst. Dataset creation plans are used to ensure the personal health information used to create datasets for researchers is relevant and required to support the research objectives, and that ICES discloses personal health information only where other information will not serve the research purpose and discloses no more personal health information than is reasonably necessary.

The Cohort Disclosure Procedure also requires a dataset creation plan approved by ICES analytic staff. Cohort disclosures must be relevant and necessary to support research objectives that cannot be reasonably conducted at ICES; they also must align with ICES' mission, vision and values; the research must be deemed feasible by a DAS Staff Scientist; and the disclosure request must be approved by a research ethics board and a privacy impact assessment.

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

Review & Approval Process

The DAS Project Intake, Adjudication and Initiation Procedure defines the process and roles and responsibilities for approving or denying requests for disclosure of risk-reduced coded data for research purposes, and the process to be followed in this regard.

The review and approval process is launched by submission of a completed DAS Request Form by the external researcher. The request provides a high-level description of the proposed research, which is reviewed by the DAS Project Manager and DAS Staff Scientist against criteria that include the availability of relevant data. Where the proposed research is judged not to be feasible, this is communicated to the researcher.

Where the proposed research passes the initial review, the DAS Project Manager schedules a consultation with the external researcher, the DAS Project Manager and DAS Staff Scientist. The consultation is used to identify, among other things, the specific ICES data holdings and data variables that would be required. The DAS Project Manager and DAS Staff Scientist then jointly prepare a Confirmation of Feasibility, which is issued to the researcher. The Confirmation of Feasibility is issued subject to an explicit condition: the researcher must seek, and provide evidence of, research ethics board approval that meets the requirements of section 44 of PHIPA. To ensure the approval properly reflects the involvement of ICES data holdings, ICES safeguards and relevant legal authorities, the Confirmation of Feasibility incorporates a template research plan that contains this required information.

Once, and if, obtained, the researcher delivers a copy of the approval letter, with a copy of the research plan as submitted to the research ethics board, to the DAS Research Program Manager. The DAS Research Program Manager, in turn, submits these documents to an ICES Privacy SME for review. Once the ICES Privacy SME is satisfied the research plan conforms to the Confirmation of Feasibility as issued, and has the required research ethics board approval, the ICES Privacy SME informs the DAS Project Manager and DAS Research Program Manager.

The DAS Research Program Manager then arranges a follow -up consultation between the researcher and the DAS Staff Scientist to establish a Dataset Creation Plan. The Dataset Creation Plan is designed to ensure the dataset prepared for the research is limited to ICES data holdings previously identified as relevant and available, and reflected in the research plan that has been approved by a research ethics board. The Dataset Creation plan is also used to further limit the data to that which is relevant and required, taking into account the research objectives, and to avoid disclosure of personal health information where de-identified or aggregate information would serve the purpose.

The Cohort Disclosure Procedure defines the process, roles and responsibilities for approving or denying requests for cohort lists to external researchers for publically funded research that cannot be reasonably conducted within ICES.

The review and approval process is launched by submission of a Cohort Disclosure Request Form, which must provide the purpose of the cohort disclosure and the information requested, including the cohort definition and a list of variable names and descriptors. The Cohort Disclosure Request Form is submitted to the DAS Research Program Coordinator. The Coordinator requests initial adjudication of the cohort disclosure request from the Director, Data Quality and Information Management (DQIM) and the DAS Staff Scientist. Further adjudication by the Chief Science Officer is necessary if the request involves contacting patients or providers. Adjudication of cohort requests is based on data quality and availability, scope and timelines. The denial of requests determined to be infeasible are communicated by the DAS Research Program Coordinator to the requestor.

Where requests are determined to be feasible, the DAS Research Program Coordinator schedules a consultation with the requestor, the Director, DQIM, DAS Project Manager, DAS Staff Scientist and, where necessary, Chief Science Officer. The purpose of the consultation is to assess the request against disclosure criteria, including scope, timelines, datasets and variables. The DAS Research Program Coordinator, Staff Scientist and Project Manager then jointly prepare a Confirmation of Feasibility — Cohort Disclosure. This document is provided to the requestor for submission to a research ethics board for approval.

The requestor then must provide the Confirmation of Feasibility to a research ethics board as supporting documentation for the application. If approved by the research ethics board, the requestor must provide the board's approval letter and supporting documentation to the DAS Research Program Coordinator, who in turn provides the documentation to the Privacy and Legal Office for review, along with a privacy impact assessment. Once approved by the Privacy and Legal Office, the DAS Research Program Coordinator drafts and issues the Service Agreement — Cohort Disclosure, which outlines the requestor's contractual obligations, including terms and conditions of the agreement and the method of transfer of the cohort list. The service agreement is considered executed only after the requestor provides a signed copy of the agreement to ICES.

Conditions or Restrictions on the Approval

Under the DAS Project Intake, Adjudication and Initiation Procedure, approval is subject to two conditions. First, the researcher must supply a copy of the research plan and evidence of its approval by a research ethics board. Second, the researcher must enter into an ICES Data and Analytic Services Agreement, and each member of the research team, an Authorized Researcher Confidentiality Agreement. Under the procedure, an ICES Privacy SME must be satisfied the research plan is consistent with the requested disclosure by ICES, and has the required research ethics board approval. Once satisfied, the ICES Privacy SME advises the DAS Project Manager, who prepares and oversees execution of the agreements.

Identifiable information contained in a cohort list must not on its own permit derivation of conclusions or results, and disclosure of a cohort list must be (1) for the purpose of enabling abstraction or examination of data from existing data sources, including, but not limited to, medical records, disease registries, human biological materials or genetic databases; or (2) for the purpose of contacting physicians or patients for recruitment in research. For disclosures for the purpose of (1), the disclosure must be

- For the purpose of conducting publicly funded research that cannot be reasonably conducted within ICES;
- For research that aligns with ICES' Mission, Vision and Values;
- Considered by ICES to be of acceptable reputational risk;
- Deemed practically feasible by ICES' DAS Staff Scientist; and
- Approved by a research ethics board and ICES Privacy SME.

In addition to the requirements for (1) above, disclosures for the purpose of contacting physicians for recruitment in research must be approved by ICES' Chief Science Office. Disclosures for the purpose of contacting patients for recruitment in research also must be approved by the Chief Science Officer, and must also be used to contact a patient whose information ICES collected from the patient's physician, and that physician must first obtain the patient's written consent to be contacted for recruitment in the research.

Secure Transfer

No risk-reduced coded data are transferred to external researchers and remain at all times on the ICES desktop. For cohort disclosures, an ICES Data Covenantor first verifies that the personal identifiers outlined in the dataset creation plan correspond exactly to the service agreement. Once confirmed, the Data Covenantor transfers the cohort list as per the method outlined in the agreement.

Secure Return or Disposal

Risk-reduced coded data remains at all times on ICES systems. For cohort disclosures, the DAS Research Program Manager is responsible for ensuring that cohort lists disclosed to external researchers are securely disposed of in accordance with the method and timeframe specified in the service agreement. This involves the DAS Research Program Manager confirming and documenting receipt of a data destruction certificate from the external researchers. Where a data destruction certificate is not received within the timeframe specified in the agreement, the DAS Research Program Manager contacts the research team's principal investigator for confirmation that the cohort lists has been securely disposed of as specified in the agreement.

<u>Documentation Related to Approved Disclosures of Personal Health Information</u>

Under the DAS Project Intake, Adjudication and Initiation Procedure and the Cohort Disclosure Procedure, the DAS Research Program Manager is responsible for uploading the signed ICES Data and Analytic Services Agreement or the Service Agreement – Cohort Disclosure, and any associated Authorized Researcher Confidentiality Agreements to ICES' Contracts Database. The research plan and research ethics board approval are incorporated into appendices of the agreements, so they are also retained as a result. Certificates of destruction are uploaded to ICES' Contracts Database by the Compliance Analyst pursuant to the Destruction of ICES Data Procedure.

14. Template Research Agreement

| 14. Template Resource | 9 | | |
|------------------------------|--|--|--|
| APPLICATION | | | |
| Not applicable | Qualified application (explain) | | |
| EXISTENCE & IMPLE | EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status | |
| | a. ICES Data & Analytic Services Agreement | Implemented | |
| | - Research (various) | | |
| Comments | The Cohort Disclosure Procedure requires the confidence of Agreement — Cohort Disclosure prior to disclosure service agreement makes up part of the Data Research; it includes the same provisions as the provisions for the secure transfer, retention and confidence of the secure transfer, retention and confidence of the secure transfer, retention and confidence of the secure transfer. | e of cohort lists. The cohort disclosure & Analytic Services Agreements for ose agreements, with the addition of | |
| DESCRIPTION | | | |
| A research agreement must | be executed with researchers to whom personal | health information will be disclosed | |

prior to the disclosure of personal health information for research purpose. ICES has established template research

agreements for use when such an agreement is required under its policies, procedures and practices. The templates address the matters set out below.

General Provisions

The templates describe ICES' status as a prescribed entity under PHIPA and the duties and responsibilities arising from this status. They specify the precise nature of the personal health information that will be disclosed by ICES for the research, and provide a definition of personal health information that is consistent with PHIPA and its regulation.

Purposes of Collection, Use & Disclosure

The templates identify the research purpose for which the personal health information is being disclosed to, and may be used or disclosed by, the researcher. They also identify the statutory authority for each collection, use and disclosure.

The templates permit the researcher to use the personal health information only for the purposes set out in the written research plan approved by the research ethics board and prohibit the use of the personal health information for any other purpose. They also prohibit the researcher from permitting persons to access and use the personal health information except those persons described in the written research plan approved by the research ethics board.

The templates all explicitly prohibit linking to other information. They also require the researcher to acknowledge that the personal health information that is being disclosed pursuant to them is necessary for the identified research purpose and that other information, namely de-identified and/or aggregate information, will not serve the research purpose. In addition, the researcher is required to acknowledge that no more personal health information will be disclosed to them or will be used than is reasonably necessary to meet the research purpose.

The templates require the researcher to acknowledge and agree not to disclose the personal health information except as required by law and subject to the exceptions and additional requirements prescribed in the regulation to PHIPA. The researcher must also agree not to publish the personal health information in a formthat could reasonably enable identification of, or make or attempt to make contact, directly or indirectly, with, any individual to whom the personal health information relates.

Compliance with the Statutory Requirements for the Disclosure for Research Purposes

The templates are entered into only once the researcher has obtained research ethics board approval of a written research plan that meets the requirements of PHIPA, copies of which are incorporated in appendices to the agreement and acknowledged by the researcher and ICES. The researcher is required to agree to comply with the terms of the agreement, the written research plan as approved by the research ethics board, including any conditions.

Secure Transfer

No risk-reduced coded data are transferred to external researchers and remain at all times on the ICES desktop. The Service Agreement – Cohort Disclosure template specifies the requirement of secure transfer of cohort lists. It specifies the file transfer gateway as the secure manner in which cohort lists are transferred, and requires specification as to whom they are transferred. The requirements set out in the service agreement are in accordance with requirements specified in Part 2, section 7 of the IPC Manual.

Secure Retention, Return & Disposal

Risk-reduced coded data remain at all times on ICES systems. For this reason, the templates specific to risk-reduced coded data do not address secure retention, return or disposal by the researcher. The Service Agreement — Cohort Disclosure specifies the retention period for the cohort list, as well as the manner in which the list will be securely retained by the researcher(s) to whom the cohort list was disclosed. The period and manner of retention must be in accordance with the requirements set out in Part 2, section 5 of the IPC Manual and the research plan approved by a research ethics board.

The service agreement further requires the researcher(s) to whom the cohort list was disclosed to securely retain the data using industry best practices of encryption and in accordance with any additional stipulations from the approving research ethics board, in order to protect the information against theft, loss and unauthorized use or disclosure, and to safeguard the information against unauthorized copying, modification or disposal.

Notification

The templates require the researcher to notify ICES immediately, in writing, if the researcher becomes aware of a breach or suspected breach of the agreement, a breach or suspected of s 44(6) of PHIPA or if personal health

information subject to it is stolen, lost or accessed by unauthorized persons or is believed to have been stolen, lost or accessed by unauthorized persons. The templates require the researcher to take steps that are reasonable in the circumstances to contain the breach, and identify the process and contact for providing notice, which must be provided in writing.

Consequences of Breach and Monitoring Compliance

The templates provide for automatic termination if the researcher fails to co-operate with ICES' investigation, or remediation, of any breach or suspected breach. They are not subject to audit. The templates make the researcher responsible for ensuring compliance of other members of the research team, and require that each enter into a confidentiality agreement as a condition of being issued credentials to access the personal health information on the ICES desktop.

15. Log of Research Agreements

| APPLICATION | | |
|-------------------|---|------------------|
| Not applicable | Qualified application (explain) | |
| EXISTENCE & IMPLE | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | DAS Project Intake, Adjudication & Initiation Procedure | Implemented |
| | I DAOD : | landa ana ata al |
| | b. DAS Projects Log | Implemented |

ICES maintains the DAS Projects Log, which is a log of research agreements. Maintained under the DAS Project Intake, Adjudication and Initiation Procedure, the DAS Projects Log captures:

- The name of the research study;
- The name of the principal researcher to whom the personal health information was disclosed pursuant to the research agreement;
- The date of receipt of the written application, the written research plan and the written decision of the research ethics board approving the research plan;
- The date that the approval to disclose the personal health information for research purposes was granted;
- The date that the research agreement was executed;
- The date that the personal health information was disclosed; and
- The nature of the personal health information disclosed.

The DAS Projects Log captures the end date that was approved by the research ethics board. For service agreements for cohort disclosures, the log also captures the date on which the cohort list will be securely disposed of by the researcher, and the date ICES receives the data destruction certificate for the list.

16. Policy & Procedures for the Execution of Data Sharing Agreements

| 10.1 Only a 1 1000 dail | co for the Excoalion of Bata onaring A | groomonto |
|-------------------------------|--|--|
| APPLICATION | | |
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEI | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Impact Assessment Policy | Implemented |
| | b. ICES PIA Form - ICES Data Disclosure | Implemented |
| | c. ICES PIA Form - New Data Holding | Implemented |
| | d. ICES Project PIA Form | Implemented |
| | e. Request for New Data Holding PIA Form | Implemented |
| | f. Request for ICES Data Disclosure PIA Form | Implemented |
| | g. Internal Audit Policy | Implemented |
| | h. Discipline & Corrective Action Policy | Implemented |
| | i. Privacy Incident Management Policy | Implemented |
| | j. Contracts Database | Implemented |
| DESCRIPTION | | |
| ICCC has developed malisias | and a column a construction of the column to the column to | and a second control of the second se |

ICES has developed policies, procedures and practices to identify the circumstances under which and the processes to be followed to put in place data sharing agreements.

ICES' Privacy Impact Assessment Policy stipulates that no personal health information may be collected or disclosed unless approved through a privacy impact assessment. Assessments are guided by forms, which define the circumstances under which a data sharing agreement is required. In the case of disclosures for purposes other than research, a data sharing agreement is always required.

The forms, which must be completed and approved by an ICES Privacy SME, set out the requirements that must be satisfied and the process to be followed in relation to data sharing agreements. For example, the ICES Project PIA Form is used to assess requests to collect personal health information for a specific project. Once complete, that form identifies the correct legal authority for the collection and corresponding data sharing agreement template, and gathers content required to complete the template. Collectively ICES' privacy impact assessment forms ensure that ICES enters into data sharing agreements:

- To disclose personal health information for purposes other than research only where the disclosure has been approved in accordance with ICES' policies, procedures and practices described in Part 1(12) of Section B of this report; and
- To collect personal health information for purposes other than research only where the collection has been approved in accordance with ICES' policies, procedures and practices described in Part 1(4) of Section B of this report.

The forms include a section for data sharing agreement instructions and approvals, which are provided by ICES' Privacy and Legal Office. Responsibility for initiation is specified on the forms, and varies by scenario. Where collection is for the purposes of a single project, the form is initiated by the principal investigator. In all other cases, including requests to disclose, ICES Strategic Partnerships are required to submit the appropriate request for PIA form to ICES' Privacy and Legal Office, who then initiate the corresponding privacy impact assessment form. Once approved, the responsible ICES Privacy SME alerts ICES' Contracts Specialist, who is responsible for ensuring data sharing agreements are executed in accordance with the approvals and instructions documented on the form. The forms also stipulate that, once executed, ICES' Privacy and Legal Office reflect this in a log, which they are required to maintain.

Compliance with the policy and its procedures is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

17. Template Data Sharing Agreement

| | <u> </u> | |
|-------------------------------|--|-------------|
| APPLICATION | | |
| Fully applicable 🛛 | Qualified application (explain) | |
| EXISTENCE & IMPLEI | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. ICES DSA (HIC) | Implemented |
| | b. ICES DSA (Researcher) | Implemented |
| | c. ICES Data & Analytic Services Agreement | Implemented |
| | Research (various) | |
| DECODIDATION | | |

DESCRIPTION

A data sharing agreement must be executed prior to the collection or disclosure of personal health information for purposes other than research. ICES has established template data sharing agreements for use when a data sharing agreement is required under its policies, procedures and practices. The templates address the matters set out below.

General Provisions

The templates describe ICES' status as a prescribed entity under PHIPA and the duties and responsibilities arising from that status. They specify the precise nature of any personal health information subject to the agreement and provide a definition of personal health information that is consistent with PHIPA and its regulation. The templates also identify the party that is collecting and party that is disclosing under the agreements.

Purposes of Collection, Use & Disclosure

The templates identify the purposes for which personal health information is being collected and will be used under the agreements. In identifying these purposes, the templates explicitly state that direct personal identifiers, such as names and personal health numbers, will be removed or replaced with a confidential code and only linked with other similarly coded information. In addition, the agreements describe the nature and source of that other information, how linkage will be conducted and why it is required for the identified purpose.

The templates also contain an acknowledgement that any personal health information being collected is, and is no more than, reasonably necessary for the purpose, and that other information, such as de-identified or aggregate information, will not serve the purpose. The templates stipulate that any personal health information may be disclosed only where required by law. They further stipulate that all collection, use or disclosure of any personal health information that is subject to the agreements must comply with PHIPA and its regulation, and set out the authority for each collection, use and disclosure contemplated.

Secure Transfer

The templates require secure transfer of any personal health information, and set out the manner, contact and procedure for transfer. This information is captured in an appendix, which is completed by the Contracts Specialist using information captured in the privacy impact assessment that documents approval for the collection. The exception is collection from external researchers, who have been approved to receive access to a data cut on the secure ICES desktop. In that scenario, the required information about transfer is captured in an appendix to the template ICES Data and Analytic Services Agreement – Research, which is populated by the DAS Research Project Manager. This permits selection of the ICES-approved method for secure transfer that is most appropriate in each case. In the majority of cases, the method selected will be use of an ICES-managed encrypted channel.

Secure Retention

The templates stipulate that ICES is permitted to retain personal health information with direct personal identifiers only as long as required for ICES analysts, who created linked datasets for projects, to detect and resolve data quality issues. They also specify the retention method. Where personal health information is disclosed to ICES for research under section 17 of O. Reg. 329/04, the retention period for indirect personal identifiers (i.e. Coded Data) is set out in the terms of the respective agreements with ICES' data partners. Physical media must be retained in locked rooms or cabinets, and information saved on ICES systems must be isolated from the ICES network and accessible by ICES Data Covenantors only. Both methods of retention comply with ICES' policies governing secure retention. In addition, the templates include a specific provision requiring ICES to take reasonable steps to protect any personal health information against theft, loss and unauthorized use or disclosure, and a range of supporting safeguards. The most important of these is the stipulation that scientists and analytic staff will have access to information without direct personal identifiers only, and external researchers access to risk-reduced coded data, and on condition they make no attempt to re-identify any person.

Secure Return or Disposal

ICES does not require the return of records. The templates stipulate that ICES securely destroy the personal health information with direct personal identifiers after the coded information, which is derived from it, has been delivered to ICES' analytic staff for linking. The templates provide a definition of secure destruction and identify the precise methods that may be used. This definition is consistent with PHIPA and its regulation, as well as with guidelines, fact sheets and best practices issued by the IPC, including IPC Fact Sheet 10: Secure Destruction of Personal Information. The templates specify that destruction must be carried out within six months of delivery to ICES' analytic staff, and a destruction certificate provided five business days after that. The exception to the six-month timeframe is information collected to update a general data holding, which are retained for seven years. Destruction certificates must be delivered to the general contact for notice, who is identified in the agreement, and identify the records of personal health information disposed of and the date, time, location and method of destruction used, and bear the name and signature of the ICES Data Covenantor who carries out the destruction.

Notification

The templates require that notification be provided at the first reasonable opportunity if the agreement has been breached or personal health information subject to the agreement has, or is suspected to have, been stolen, lost or accessed by unauthorized persons. The process and contact for notice are defined, which must be provided in writing. The templates also require that reasonable steps be taken to contain the breach and to contain the theft, loss or access by unauthorized persons.

Consequences of Breach & Monitoring Compliance

The templates outline the consequences of breach of the agreements, which apply to all ICES. Agents and include a right of immediate termination in the event of a privacy breach. To enable compliance, the templates specifically require that any ICES. Data Covenantor who handles the personal health information must be familiar with, and

agree to uphold, the terms and conditions of the agreement and that this be confirmed in a confidentiality agreement. The templates specify that compliance is not subject to audit.

Data Sharing Agreements with Other Prescribed Entities and Prescribed Registries

The ICES templates described above are not suited to, and are not used for, data sharing with other prescribed entities and prescribed registries. Nevertheless, the data sharing agreements, which are in place, with those organizations all satisfy the required content set out in this section. Currently, data sharing agreements are in place with the following: Better Outcomes Registry and Network (BORN), CorHealth Ontario, Cancer Care Ontario, Pediatric Oncology Group of Ontario, and Canadian Institute for Health Information.

18. Log of Data Sharing Agreements

| APPLICATION | | |
|-------------------------------|------------------------------------|-------------|
| Fully applicable | Qualified application (explain) | |
| EXISTENCE & IMPLEI | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Contracts Database | Implemented |
| | b. ICES Project PIA Log | Implemented |
| | c. DQIM Data Disclosure Log | Implemented |
| | d. ICES PIA – Data Disclosure Form | Implemented |
| DESCRIPTION | | |

ICES has developed and maintains a log of executed data sharing agreements. Information captured in the log includes:

- Name of the person or organization from whom the personal health information was collected or to whom the personal health information was disclosed;
- Date agreement executed;
- Date personal health information was collected;
- Nature of the personal health information;
- Retention end-date or required destruction date for the personal health information;
- Agreement termination date;
- Date on which personal health information has been securely returned or destroyed; and
- Date destruction certificates were provided.

The remaining required elements are captured through other vehicles developed and maintained by ICES:

- The ICES Project PIA Log contains the date the collection was approved;
- The ICES PIA Data Disclosure Form contains the date the disclosure was approved;
- The DQIM Data Disclosure Log contains the dates of all disclosures of personal health information.

19. Policy & Procedures for Executing Agreements with Third Party Service Providers in **Respect of Personal Health Information**

| APPLICATION | | |
|------------------------------|---|--------------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLE | MENTATION | |
| | | |
| ICES vehicle(s) | Name | Status |
| ICES vehicle(s) | Name a. ICES Privacy Impact Assessment Policy | Status Implemented |
| ICES vehicle(s) | | 0 111 111 0 |

ICES' Privacy Impact Assessment Policy stipulates that a privacy impact assessment be conducted prior to establishing any service relationship involving personal health information. Responsibility for requesting a privacy impact assessment rests with the agent who wishes to establish the service relationship. The ICES PIA - Service Provider Form, which is used to conduct privacy impact assessments in this scenario, requires that a service level agreement be put in place prior to permitting access to personal health information by a third party service provider.

ICES' Privacy and Legal Office is responsible for the conduct of privacy impact assessments. Privacy impact assessments are conducted by ICES Privacy SMEs using the ICES PIA - Service Provider Form. Completion of that form results in:

- Acceptance of responsibility by the requestor to ensure a service level agreement is put in place by ICES' Procurement and Contracts Analyst;
- Compliance of all service level agreements with the template described in Part 1(20) of this report;
- A determination by the responsible ICES Privacy SME that personal health information is provided to any
 third party service provider only where other information, such as de-identified or aggregate information,
 will not serve the purpose, and no more personal health information is provided than is reasonably
 necessary to meet the purpose;
- Acceptance of responsibility by the requestor for ensuring compliance with service provider obligations to return or destroy, and provide a certificate of destruction for, any personal health information in the event of termination, and referring cases of non-compliance to the Chief Privacy and Legal Officer for action after 30 days; and
- Responsibility of ICES' Procurement Manager to ensure any service level agreement is logged in, and a copy uploaded to, ICES' Contracts Database.

Compliance with the policy and procedures is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

20. Template Agreement for All Third Party Service Providers

| APPLICATION | | |
|----------------------------|---|-----------------------|
| Fully applicable 🛛 | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| | | |
| ICES vehicle(s) | Name | Status |
| ICES vehicle(s) | Name a. ICES Privacy Impact Assessment Policy | Status Implemented |
| ICES vehicle(s) | 1441110 | 0.10.10.0 |

ICES' Privacy Impact Assessment Policy stipulates that a privacy impact assessment be conducted by an ICES Privacy SME prior to establishing any service relationship involving personal health information. The ICES PIA — Service Provider Form, which is used to conduct privacy impact assessments in this scenario, requires that a service level agreement be put in place in all cases and defines minimum content for such agreements. The minimum content includes:

- · A description of ICES' prescribed status and its associated duties under PHIPA and its regulation;
- Whether or not the service provider will act as ICES' agent, and if yes, an agreement to comply with PHIPA and provisions in the agreement related to the collection, access, use, disclosure, secure transfer, retention and destruction of personal health information;
- The precise nature of the personal health information the service provider will be permitted to access or use, and a definition of personal health information that is consistent with PHIPA and its regulation:
- The identity of the party that is collecting or disclosing personal health information;
- An obligation of the service provider to deliver services in a professional manner, in accordance with industry standards and practices and by properly trained agents of the service provider;
- Prohibition against access, use and disclosure of personal health information except as necessary to provide the agreed services and permitted by the agreement or as required by law;
- Purposes of authorized access, use and disclosure of any personal health information and related limitations and conditions as well as authority under PHIPA and its regulation;
- Prohibition against use and disclosure where other information will serve the purpose or in excess of that which is reasonably necessary;
- General and specific obligations to take reasonable steps to protect information against theft, loss and unauthorized use, disclosure, copying, modification or disposal;
- An obligation and specific method to make agents who will have access to records of personal health information aware of and agree to comply with the obligations in the agreement;
- Where subcontracting is permitted, the service provider's duty to enter into an equivalent agreement with the subcontractor and provide advance notice of subcontracting and a copy of the agreement to ICES;

- Where relevant, whether the information will be returned or destroyed following termination of the agreement, the associated timeframe and specific manner, which must comply with ICES' policies, procedures and practices reported in Part 2(7) of Section B of this report;
- Consequences of breach, duty to notify at the first reasonable opportunity and associated process and timelines, including manner and contact for notice and containment requirements; and
- Where appropriate taking in account the information and the service, right of audit and associated mechanics, including notice.

Where the service provider is acting as an electronic service provider that is not an agent of ICES:

• Prohibition against disclosure except as required by law.

Where the service involves transfer:

- Secure transfer method, procedure, timeframes, conditions and recipients, which meet the requirements of ICES' own policies, procedures and practices for secure transfer;
- Service provider's obligation to maintain an inventory of transfers, inbound and outbound;
- · Service provider's obligation to provide certificates of receipt, with date and time and mode of transfer; and
- Overarching responsibility of the service provider to maintain security during transfer.

Where the service involves retention:

- Service provider's obligation to maintain an inventory of, and track, records of personal health information being retained;
- Secure retention method (by medium); and
- Overarching responsibility of the service provider to maintain security over retained records.

Where the service includes destruction:

- A definition of secure disposal that is consistent with PHIPA and its regulation;
- Destruction method (by medium) and security, which is consistent with PHIPA and its regulation and relevant orders, guidelines, fact sheets and best practices issued by the Information and Privacy Commissioner:
- Service provider's obligation to provide certificates of destruction that specify records destroyed, date, time, method and responsible agent (including signature), the timeframe for doing so and ICES recipient;
- Timeframes and triggers for destruction (including termination); and
- Right of ICES to witness destruction.

Where disposal is the primary service provided, in addition to the requirements above:

- Timeframe within which destruction must be carried out;
- Precise destruction method for each medium involved;
- Conditions surrounding destruction;
- Service provider's obligation to maintain an inventory of, and track, records of personal health information being destroyed; and
- Persons responsible for ensuring destruction is secure.

21. Log of Agreements with Third Party Service Providers

| APPLICATION | | |
|----------------------------|---------------------------------|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICEC webistes | Neme | Ctatus |
| ICES vehicle(s) | Name | Status |
| ICES venicie(s) | a. Contracts Database | Implemented |

ICES has defined and maintains a log of agreements with third party service providers. Information captured in the log includes:

- Service provider name;
- · Service description;

- Effective date;
- Date the personal health information was transferred/provided;
- Nature of the personal health information provided/accessed;
- Termination date:
- Whether the personal health information will be returned or destroyed; and
- Date information returned/certificate date.

22. Policy & Procedures for the Linkage of Records of Personal Health Information

| APPLICATION | <u> </u> | |
|----------------------------|--|-------------|
| Not applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Protection of ICES Data Policy | Implemented |
| | b. Privacy Impact Assessment Policy | Implemented |
| | c. ICES Project PIA Form | Implemented |
| | d. ICES Project PIA Review Procedure | Implemented |
| | e. DAS Project Intake, Adjudication & Initiation Procedure | Implemented |
| | f. Dataset Creation Plan | Implemented |
| | g. Privacy Incident Management Policy | Implemented |
| | h. Internal Audit Policy | Implemented |
| | Linking ICES Data Procedure | Implemented |

ICES' Protection of ICES Data Policy permits linkages of personal health information, and identifies the purposes for and circumstances under which this is permitted. Linkages of personal health information are permitted for the purposes of creating project datasets to support the conduct of projects and research that have been reviewed and approved in accordance with ICES policies, procedures and practices.

The mechanism for approval for projects and research, and associated linkages, is a privacy impact assessment or the DAS Project Intake, Adjudication and Initiation Procedure. In all cases, criteria for approval include whether:

- In the case of research only, it will be conducted at ICES or externally;
- The project or research will be conducted by ICES and only involve linkages of personal health information from ICES' data holdings;
- The project or research will be conducted at ICES and involve linkage with records of personal health information collected from external sources:
- In the case of research conducted externally, the research will involve linkages of personal health information from ICES' data holdings; and
- In the case of research conducted externally, the research will involve linkages of personal health information from ICES' data holdings with records of personal health information collected from external sources for the purposes of the research.

Review & Approval Process

Again, permission to link personal health information is subject to a review and approval process. Privacy impact assessments are conducted by ICES Privacy SMEs under ICES' Privacy Impact Assessment Policy. The DAS Project Intake and Adjudication Procedure requires joint review and approval by an ICES Privacy SME and a DAS Staff Scientist, and establishment of a supporting dataset creation plan by the DAS Staff Scientist.

The ICES Project PIA Form is used to request linkages of personal health information for projects and research conducted within ICES. Submitted to ICES' Privacy and Legal Office by the principal investigator, these forms define the requirements and documentation that must be satisfied in requesting, reviewing and determining whether, and on what basis, permission for linkages of personal health information is granted. The DAS Project Intake and Adjudication Procedure defines the requirements and documentation that must be satisfied to approve external research in other cases. These include the requirement that the external researcher:

- Complete a DAS Request Form to describe the proposed research:
- Provide a research plan that lists the ICES data holdings to be used and evidence of research ethics board approval of the plan;
- Consult with the DAS Staff Scientist to develop a Dataset Creation Plan;

Enter into a research agreement that supports all of the above.

To approve, the review er(s) must be satisfied that the requested linkages are:

- Permitted by PHIPA and its regulation;
- · Permitted by data sharing agreements and research ethics board approvals applicable to the request; and
- Relevant and reasonably necessary for accomplishment of the stated objectives.

Once finalized, ICES' Privacy and Legal Administrator or the Privacy SME who approved the Project PIA sends the approved ICES Project PIA Form to the principal investigator for the project and uploads a copy to a network folder, where it is accessible to analytic staff, who perform linkages. The DAS Research Program Coordinator uploads a copy of the signed research agreement to ICES' Contracts Database and submits the signed research agreement to ICES Finance to issue a billing number, which allows staff to be assigned to the research.

Conditions & Restrictions on Approval

Under ICES' Protection of ICES Data Policy, linked records of personal health information must be de-identified prior to delivery of research results to an external researcher for use and retention outside the secure ICES desktop known as IDAVE. Linkages for projects and research conducted within ICES are subject to ICES' policies, procedures and practices described at Parts 1(8), 1(10) and 1(24) of Section B of this report.

Process for the Linkage of Records of Personal Health Information

The Protection of ICES Data Policy stipulates that linking records of personal health information is the responsibility of ICES analytic staff. The Linking ICES Data Procedure outlines the process to be followed, the manner and the agents responsible for linking when approved in accordance with ICES policies, procedures and practices.

Secure Retention & Disposal

Under the Protection of ICES Data Policy, until and unless they are de-identified in accordance with ICES' policy and procedures, all linked records of personal health information are subject to the policies, procedures and practices governing secure retention and disposal described in 2(5) and 2(8) in Part 2 of Section B of this report.

Compliance, Audit & Enforcement

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

Tracking Approved Linkages of Personal Health Information

ICES uses the ICES Project PIA log to track all approved linkages of personal health information. Maintained by the Privacy and Legal Administrator, the log captures the name of the principal investigator of the associated project or research, who requested the linkages, the date the linkages were approved, and the nature of the personal health information linked.

23. Log of Approved Linkages of Records of Personal Health Information

| APPLICATION | | |
|----------------------------|---------------------------------|-------------|
| Not applicable □ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. ICES Project PIA Log | Implemented |
| | b. DAS Projects Log | Implemented |
| DESCRIPTION | | |

ICES has developed and maintains logs of approved linkages of personal health information. Information captured in the logs includes:

- Requestor name;
- Approval date; and
- Description of the personal health information approved for linking.

24. Policy & Procedures with Respect to De-Identification & Aggregation

| | | 33 - 3 | |
|----------------------------|--|-------------|--|
| APPLICATION | | | |
| Fully applicable | Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicle(s) | Name | Status | |
| | a. Protection of ICES Data Policy | Implemented | |
| | b. Privacy Incident Management Policy | Implemented | |
| | c. Internal Audit Policy | Implemented | |
| | d. Cohort Disclosure Procedures | Implemented | |
| | e. Creation of Summary Data Procedure | Implemented | |
| | f. Re-identification Risk Assessment | Implemented | |
| | Procedure | Implemented | |
| | g. Verifying and Posting Risk-Reduced | Implemented | |
| | Coded Data to IDAVE | | |
| DESCRIPTION | | | |

ICES' Protection of ICES Data Policy stipulates that personal health information may not be used or disclosed if other information, namely de-identified or aggregate information, will serve the identified purpose. The exception is disclosure of cohort lists for external, publicly funded research that cannot be reasonably conducted within ICES.

The Protection of ICES Data Policy identifies the following specific scenarios in which de-identified information may be used or disclosed:

- Incorporation of results into publications and reports; and
- Delivery of results to external researchers for their use and retention outside ICES.

Investigators who are not ICES scientists are permitted to collaborate on ICES projects, but may use aggregate information only (in ICES' policies, referred to as "summary" information). External researchers who wish to work independently are permitted to use record-level information, but on two conditions. They must do so on a secure ICES desktop (called "IDAVE"), and the information first must be adjusted by an ICES analyst until is presents a low risk of identification (referred to as "risk-reduced coded data").

ICES' Protection of ICES Data Policy also addresses the topic of cell sizes of few er than five — or "small cells." The policy, which takes into account restrictions in data sharing agreements as well as research plans, prohibits inclusion of small cells in any report or publication of the results of any ICES project or any research, whether conducted at ICES or by an external researcher.

The policy contains definitions of de-identified information, aggregate - "summary"- information, risk-reduced coded data and small cells. All have regard to, and are consistent with, the meaning of "identifying information" in section 4(2) of PHIPA.

The Creation of Summary Data Procedure defines the manner in which information must be grouped, collapsed or averaged in order to constitute aggregate information, and identifies the agents responsible. Data sharing agreements and ICES' policies, procedures and practices permit this form of information to include small cells. For this reason, the procedure does not also include steps to suppress small cells or assess the potential to identify individuals.

The Verifying and Posting Risk-Reduced Data to IDAVE defines the process for reducing the identifiability of the record-level data that is prepared for external researchers. The procedure, which is carried out by an ICES analyst, identifies the information that must be removed, encrypted and/or truncated in order to create risk-reduced coded data.

ICES' Re-identification Risk Assessment Procedure defines the information that must be removed, encrypted and/or truncated in order to constitute de-identified information. That procedure also specifically provides for review of the resulting information prior to disclosure. The review, which is performed and documented by an ICES analyst, is conducted against specific criteria identified in the procedure, which are designed to ensure no individual is identified and that it is not reasonably foreseeable in the circumstances the information could be used, either alone or in combination with other information, to identify an individual.

All ICES agents and external researchers are required to sign confidentiality agreements that prohibit them from using information, whether aggregate or de-identified, alone or in combination, to identify any individual. This

includes attempting to decrypt information that is encrypted, attempting to identify an individual based on unencrypted information and attempting to identify an individual based on prior knowledge. The agreements provide that ICES may terminate access to the information in the event of any violation of this condition.

Compliance with the policy and any procedures is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

25. Privacy Impact Assessment Policy & Procedures

| 23. Frivacy impact Assessment Folicy & Frocedures | | |
|---|--|-------------|
| APPLICATION | | |
| Fully applicable 🛛 | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Impact Assessment Policy | Implemented |
| | b. Privacy Impact Assessments Log | Implemented |
| | c. ICES PIA Form - New ICES Data Holding | Implemented |
| | d. ICES PIA Form – General | Implemented |
| | e. ICES PIA Form – ICES Data Disclosure | Implemented |
| | f. ICES PIA Form - Third Party Research | Implemented |
| | g. ICES PIA Form - Service Provider | Implemented |
| | h. ICES Project PIA Form | Implemented |
| | i. Internal Audit Policy | Implemented |
| | j. Privacy Audit Log & Instructions Workbook | Implemented |
| | k. Policy Framework & Governance Policy | Implemented |
| | I. Privacy Incident Management Policy | Implemented |
| | m. Discipline & Corrective Action Policy | Implemented |
| DESCRIPTION | | |

ICES' Privacy Impact Assessment Policy identifies the circumstances under which privacy impact assessments must be conducted. Under the policy, a privacy impact assessment is required before the implementation of any change that will substantially affect the collection, use or handling of personal health information by or on behalf of ICES. There are no exceptions. The policy provides an illustrative list of triggers, which include:

- Proposed establishment of a new data holding;
- Establishing or changing a service relationship that involves personal health information; and
- Introducing or substantially changing a business process, information system or technology that involves personal health information.

The policy stipulates that privacy impact assessments are to be conducted prior to implementation of the change. They must be initiated at the conceptual design stage and then reviewed and amended, as necessary, at both the detailed design and pre-implementation stages. Under the policy, responsibility for requesting a privacy impact assessment rests with the person responsible for the data holding, process, system or service relationship involved. That person must contact ICES' Privacy and Legal Office to request a privacy impact assessment before proceeding. The Chief Privacy and Legal Officer has distributed day-to-day responsibility for the conduct of privacy impact assessments across the Privacy and Legal Office, and this is communicated on the privacy page of the ICES intranet. For example, a particular Privacy SME is responsible for assessing new data holdings and is identified as the first point of contact for requesting a privacy impact assessment in that scenario. When a request for a privacy impact assessment is received, the designated ICES Privacy SME is then responsible for conducting, reviewing and/or amending the privacy impact assessment, with oversight by the Chief Privacy and Legal Officer and support from an ICES Security SME, as required.

ICES has created a suite of forms to guide privacy impact assessments. Tailored according to scenario, the forms address:

• The data holding, information system, technology or program at issue;

- The nature and type of personal health information involved and its sources;
- The purpose and rationale for collection, use or disclosure;
- The flow of personal health information;
- Legal authority for each collection, use and disclosure of personal health information;
- Limitations imposed on collection, use and disclosure;
- Whether or not personal health information will be linked to other information;
- Retention period;
- Secure manner in which the personal health information will be retained, transferred and disposed of;
- Administrative, technical and physical safeguards, including functionality for logging access, use, modification and disclosure of personal health information and functionality for auditing to detect unauthorized use or disclosure;
- · Privacy risks and mitigation strategies; and
- Recommendations arising from privacy impact assessments and associated responsibilities of agents, including compliance oversight and timelines.

ICES has established a log of privacy impact assessments, which captures the following:

- Responsible Privacy SME;
- The timeframe within which a particular privacy impact assessment needs to be completed;
- Privacy impact assessments that have been completed;
- Privacy Impact assessments that have been initiated but not completed; and
- Privacy impact assessments that were evaluated and determined not required and why.

The privacy impact assessment forms all include instructions to Privacy SMEs to reflect assessments and their status in the Privacy Impact Assessments Log. Privacy impact assessments may be marked as closed only after the Privacy SME is satisfied all recommendations have been addressed.

Implementation and effectiveness of the Privacy Impact Assessment Policy and associated forms is subject to audit under ICES' Internal Audit Policy. Under that policy, the Chief Privacy and Legal Officer is required to establish an audit schedule that includes an audit of the Privacy Impact Assessment Policy and associated procedures each year. This would include testing to verify the quality and continued accuracy of specific privacy impact assessments as well as completion rates. The privacy audit procedures, which are defined in the Privacy Audit Log and Instructions Workbook, provide, in turn, for correction of deficiencies detected through an audit.

Compliance with the policy and its procedures is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

26. Log of Privacy Impact Assessments

| APPLICATION | | |
|----------------------------|-----------------------------------|-------------|
| Fully applicable 🛛 | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Impact Assessments Log | Implemented |
| DESCRIPTION | | |

ICES has defined and implemented a log of privacy impact assessments. Information captured in the log includes:

- Privacy impact assessments that have been completed;
- Privacy Impact assessments that have been initiated but not completed;
- Privacy impact assessments that were evaluated and determined not required and why;
- The associated data holding, information system, technology, program or process;
- Target date for completion;
- Actual date of completion;

- The ICES Privacy SME responsible for determining whether or not a privacy impact assessment is required
 and, if so, completing or ensuring the completion of the privacy impact assessment; and
- Existence and status of any recommendations.

The log includes a Recommendations tracking sheet, which captures for each recommendation:

- The associated privacy impact assessment;
- The agents responsible for addressing the recommendation;
- The manner in w hich it has been agreed that each recommendation will be addressed; and
- The date as of which the recommendation was or is expected to be addressed.

27. Policy & Procedures in Respect of Privacy Audits

| APPLICATION | | |
|----------------------------|--|-------------|
| Fully applicable 🛛 | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Internal Audit Policy | Implemented |
| | b. Privacy Audit Procedure | Implemented |
| | c. Privacy Audit Log & Instructions Workbook | Implemented |
| | d. Privacy Audit Report Form | Implemented |
| DESCRIPTION | | |

ICES' Internal Audit Policy and Privacy Audit Procedure identify the purpose and frequency of privacy audits. Under the policy, ICES must conduct an audit to test compliance with each of its privacy policies and their associated procedures every year. This includes a requirement to audit ICES' policies, procedures and practices governing agent access and use of personal health information described at Part 1(8) of Section B of this report. The Chief Privacy and Legal Officer has overall responsibility for implementation of the policy. This specifically includes responsibility for the appointment and oversight of appropriately skilled agents to conduct audits and the establishment of an audit schedule.

The ICES Privacy Audit Log and Instructions Workbook and Privacy Audit Report Forms are designed to guide and document audits. The report forms are tailored by audit type, but consistently address the following:

- The nature (e.g. document reviews, interviews) and scope of the audit;
- Responsible auditor;
- Selection criteria;
- Audit findings:
- Recommendations:
- Remedial action and associated responsibilities, timing and status; and
- Whether or not notice will be provided.

Topics common to all privacy audits are addressed on the general instructions page for auditors at the front of the ICES Privacy Audit Log and Instructions Workbook. These topics include:

- The process, form and content for giving notice of a planned audit;
- Content and responsibility for maintaining audit files;
- · Location of audit files;
- Responsibility for making and communicating audit findings and recommendations, and the timing, manner and content of those communications;
- Responsibility and a timeline for establishing and carrying out action plans to address recommendations;
- Responsibility and a timeline for monitoring the implementation and effectiveness of action plans;
- Approval and reporting of audit findings, which include a requirement to report high risk findings to ICES' Chief Executive Officer; and
- Timing and required documentation for closure of audit files.

The Instructions sheet also addresses maintenance of the Privacy Audit Log, including storage location of the log and audit files and auditors' responsibility for:

Maintenance of the log;

- Communicating and tracking recommendations that arise from privacy audits;
- Documentation of audits.

Agents who conduct audits have a duty to report any breaches or suspected breaches detected at the first reasonable opportunity under ICES' Privacy Incident Management Policy.

28. Log of Privacy Audits

| APPLICATION | | |
|----------------------------|--|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Audit Log & Instructions Workbook | Implemented |
| | b. Privacy Audit Report Form | Implemented |
| DESCRIPTION | | |

ICES has defined a log of privacy audits that have been completed. Information captured in the log and report forms include:

- The nature and type of privacy audit conducted;
- The date the privacy audit was completed;
- The agent responsible for completing the privacy audit;
- Recommendations arising from the privacy audit;
- The agent responsible for addressing each recommendation;
- The date each recommendation was or is expected to be addressed; and
- The manner in which each recommendation was or is expected to be addressed.

29. Policy & Procedures for Privacy Breach Management

| APPLICATION | | |
|----------------------------|---|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Incident Management Policy | Implemented |
| | b. Privacy Incident Log & Report Forms Workbook | Implemented |
| | c. Internal Audit Policy | Implemented |
| | d. Discipline & Corrective Action Policy | Implemented |
| DECCRIPTION | | |

DESCRIPTION

ICES' Privacy Incident Management Policy and associated procedures address the process to be followed for the identification, reporting, containment, notification, investigation and remediation of privacy breaches. The definition of privacy breach encompasses any collection, use, disclosure, copying, modification, disposal, loss, theft or other act or failure to act, involving personal health information, or information derived from it, such as de-identified information, that makes personal health information subject to unauthorized copying, modification or disposal or that is not in accordance with:

- PHIPA or its regulation;
- ICES' privacy or policies as a prescribed entity; or
- Any data sharing or other agreement governing ICES' handling of the personal health information.

Under the policy, every agent is required to report such events to an ICES Privacy SME at the first reasonable opportunity. Events are considered detected and reportable, and subject to this policy and its associated procedures, once suspected. This includes events reported and handled initially as information security breaches.

Agents who detector suspect a privacy breach are required to report it to the ICES Privacy SME at the ICES location most closely associated with the breach. They are required to do so immediately. The policy stipulates that contact is to be made verbally, wherever practicable, and otherwise by email. In the absence of an ICES Privacy SME, reports should be made to ICES' Chief Privacy and Legal Officer. The identity and contact information for ICES

Privacy SMEs as well as the Chief Privacy and Legal Officer is provided, and accessible to all agents, on the privacy page of ICES' intranet. The ICES Privacy SME creates an entry for the report on the Privacy Incidents Log and establishes a file on the secure Privacy folder on the ICES network.

Under the procedures, an ICES Privacy SME is then required to launch a Privacy Breach Report Form and commence an investigation. The Form, which guides the investigation and must be completed, captures the date of the report, the nature and extent of the personal health information involved and the determination whether or not a breach has, in fact, occurred. Where it has, the investigating Privacy SME is required to report this immediately to the Chief Privacy and Legal Officer, who must notify ICES' Chief Executive Officer. Whether that report is provided verbally or in writing depends on the complexity of the facts to be relayed, and is decided by the Chief Privacy and Legal Officer. The information provided to the Chief Executive Officer includes the nature and extent of the personal health information involved, containment measures and the identity of any parties who must be notified and a plan for how notice will be given. This is subject to the general requirement that notice to those parties should be given at the earliest reasonable opportunity.

The procedures stipulate that breaches, including suspected breaches, be immediately contained by the responsible ICES Privacy SME. The procedures specify the approach and objectives for containment. At a minimum, the ICES Privacy SME must determine whether or not the breach resulted in copies of personal health information being made, and if so, to ensure and document their secure return or destruction. Where records are destroyed, the date, time and method of destruction must be captured. Containment must also prevent further unauthorized access, use or disclosure of the personal health information or other personal health information. The nature of the containment measures taken and who is responsible for taking them must be documented on the Privacy Breach Report Form, and sent to the Chief Privacy and Legal Officer for review and approval.

Where an investigation indicates there has been a privacy breach involving personal health information, the procedures require ICES to notify the person or organization that disclosed that personal health information to ICES. The ICES Privacy SME responsible for handling the breach is required to prepare a written notification plan for review by the Chief Privacy and Legal Officer. The plan must take into account any particular arrangements relevant to notification contained in the data sharing agreement. It must also identify the appropriate ICES agent to deliver the notice and its format, the nature of the personal health information at issue, the measures that have been, and will be, implemented to contain the breach, including investigation and remediation. Once approved, the Chief Privacy and Legal Officer is required to inform ICES' Chief Executive Officer of the notification plan, and ensure it is carried out and addresses all of the information identified in the plan.

Where requested by an organization, ICES may agree to notify third parties or individuals on their behalf, but only with the approval of ICES' Chief Privacy and Legal Officer and Chief Executive Officer.

Under the procedures, the responsible ICES Privacy SME is required to commence an investigation once a breach has been contained. The objective is to gain a more precise understanding of the breach, including the personal health information involved, and identify the root cause(s) and measures to address them. The ICES Privacy SME is empowered to make whatever inquiries are reasonably required to achieve these objectives, which can include document review, interviews and physical inspections. All must be reflected in the Privacy Breach Report Form and supported by documentation, which must be saved to the incident file.

The ICES Privacy SME is responsible for communicating recommendations and working with agents to finalize action plans to address them, consulting with the Chief Privacy and Legal Officer as necessary. The ICES Privacy SME then reflects what has been agreed in a written plan, which is sent to the agent. This includes the names of those responsible as well as the timeline, which cannot exceed 45 days unless approved by the Chief Privacy and Legal Officer. It is the responsibility of the agents identified on the plan to assign others, as required, to carry it out; the ICES Privacy SME monitors to ensure compliance with the agreed timeline and reflects this in the Privacy Incidents Log. Where relevant, an ICES Security SME will be involved in developing, or carrying out, action plans.

Once all remedial actions and notifications are complete, the ICES Privacy SME ensures all supporting documentation is saved to the file, updates the Privacy Breach Report Form and sends a link to the Chief Privacy and Legal Officer to request approval to close the file. The Form, which is reviewed and endorsed by the Chief Privacy and Legal Officer, captures all the key facts associated with the breach, including recommendations and their status. Once approval is received, the ICES Privacy SME reflects this in the Privacy Incidents Log, which is maintained to track all breaches and associated recommendations and timelines.

Compliance with the policy and its procedures is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of

disciplinary actions including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

30. Log of Privacy Breaches

| APPLICATION | | |
|----------------------------|---|-----------------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| | | |
| ICES vehicle(s) | Name | Status |
| ICES vehicle(s) | Name a. Privacy Incident Log & Report Forms Workbook | Status Implemented |

DESCRIPTION

ICES maintains a log and report form, which together capture:

- The date of the privacy breach;
- The date the privacy breach was identified or suspected;
- Whether the privacy breach was internal or external;
- The nature of the personal health information involved and the nature and extent of the privacy breach;
- The date the privacy breach was contained and the nature of the containment measures;
- The date the health information custodian or other person or organization that disclosed the information was notified:
- The date investigation of the privacy breach was completed;
- The agent responsible for conducting the investigation;
- Recommendations arising from the investigation;
- The date each recommendation was, or is expected to be, addressed;
- Responsibility for addressing recommendations; and
- The manner in which each recommendation was, or is expected to be, addressed.

31. Policy & Procedures for Privacy Inquiries & Complaints

| APPLICATION | | |
|--------------------|---|-------------|
| Fully applicable | Qualified application (explain) | |
| EXISTENCE & IMPLEN | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Information, Inquiries & Complaints Policy | Implemented |
| | b. Privacy Inquiries & Privacy Complaints Log | Implemented |
| | c. Privacy Inquiry Report Form | Implemented |
| [| d. Privacy Complaint Report Form | Implemented |
| | e. Privacy Inquiry & Privacy Complaints Procedures | Implemented |
| | f. Privacy Complaint Response 1 Template 1 A | Implemented |
| | g. Privacy Complaint Response 1 Template 1B | Implemented |
| | h. Privacy Complaint Response 2 Template | Implemented |
| DECCRIPTION | i. Privacy Complaint Form | Implemented |

DESCRIPTION

ICES' Privacy Information, Inquiries and Complaints Policy in combination with the Privacy Inquiries and Privacy Complaints Procedures, Privacy Inquiries and Privacy Complaints Log, Privacy Inquiry Report Form, Privacy Complaint Report Form and letter templates address the process to be followed in the receiving, documenting, tracking and responding to privacy inquiries and complaints.

Privacy Inquiries

Under the policy, privacy inquiry is defined and includes inquiries about ICES' compliance with PHIPA and its regulation and the policies, procedures and practices ICES implements as a prescribed entity. The policy requires

the Chief Privacy and Legal Officer to ensure that ICES' public website informs the public of their right to make a privacy inquiry to ICES, and provides a title, mailing address and format(s) for contacting ICES to enable this.

The policy requires the Chief Privacy and Legal Officer to establish procedures for the receipt, handling and documentation of privacy inquiries. The Privacy Inquiry and Complaints Procedures and associated log and report form have been devised for this purpose. Together they define the process for receiving and responding to privacy inquiries at ICES. Topics they address include:

- Responsibility for receipt and response;
- Documentation that is required to be completed and provided;
- Required content of the documentation;
- The format and content of response to privacy inquiries; and
- Roles and responsibilities of the Chief Privacy and Legal Officer, ICES Privacy SMEs and ICES Security SMEs.

All of the procedures, including documentation, are carried out or coordinated by ICES Privacy SMEs with oversight by ICES' Chief Privacy and Legal Officer.

Privacy Complaints

Under the policy, a privacy complaint is defined and includes concerns or complaints about ICES' compliance with PHIPA and its regulation and the policies, procedures and practices ICES implements as a prescribed entity. The policy requires the Chief Privacy and Legal Officer to ensure that ICES' public website informs the public of their right to make a privacy complaint to ICES or the Information and Privacy Commissioner of Ontario. Under the policy, the information on ICES' public website must include a title and mailing address for contacting both ICES and the IPC, as well as format(s) for communicating privacy complaints to ICES.

The policy also requires the Chief Privacy and Legal Officer to establish procedures for the handling and documentation of privacy complaints. The Privacy Inquiry and Complaints Procedures and associated log and report form have been devised for this purpose. Together they define the process for receiving and responding to privacy complaints at ICES. Topics they address include:

- Responsibility for receipt and response;
- Documentation that is required to be completed and provided;
- Required content of the documentation;
- The nature of information that must be requested from complainants; and
- Roles and responsibilities of the Chief Privacy and Legal Officer and ICES Privacy and Security SMEs.

Except for notification and approvals, which are the responsibility ICES' Chief Privacy and Legal Officer, all of the procedures outlined here are either carried out or coordinated by an ICES Privacy SME.

The procedures require a determination to be made whether or not a privacy complaint will be investigated and identify the agent responsible, timeline, process and criteria for doing so, and related documentation. Where the determination is that the privacy complaint does not warrant investigation, the procedures stipulate that a letter be sent to the complainant to acknowledge the complaint and advise them of the decision not to investigate. The template that has been developed for use in this scenario also advises complainants of their right to complain to the Information and Privacy Commissioner of Ontario and provides contact information to enable this. Where the determination is that investigation is warranted, the procedures stipulate that a letter be sent to the complainant to acknowledge the complaint, advise them of the decision to investigate and describe the investigation process, including the process for requesting further information from the complainant, the projected timeframe, and the nature of the documentation the complainant will be provided upon completion of the investigation. The procedures identify the agents responsible for sending these letters and associated timelines.

The procedures identify the agent responsible for investigating privacy complaints, as well as the process for planning and carrying out investigations. This includes a discussion of how investigations and associated findings must be documented and the content of that documentation, as well as responsibility for its creation, communication and approval. The procedures also define the process for addressing recommendations that arise from the investigations, with associated responsibilities, timelines and requirements for documentation. Also addressed is the topic of notification, with associated responsibilities, content requirements and timelines. This includes criteria for the notification of ICES' Chief Executive Officer and third parties, as well a template letter to complainants that speaks to investigative findings and recommendations, if any, as well as the right to complain to the Information and Privacy Commissioner of Ontario, with contact information to enable this.

The Privacy Information, Inquiries and Complaints Policy requires the Chief Privacy and Legal Officer to define procedures to track privacy complaints. The Privacy Inquiries and Privacy Complaints Log, Privacy Inquiries and Privacy Complaints Procedures, and Privacy Complaint Form have been designed, and work together to address logging, creation and retention of documentation, as well as responsibility for oversight and timely closure of recommendations.

Compliance & Enforcement

Compliance with the policy and its procedures is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

32. Log of Privacy Complaints

| APPLICATION | | |
|----------------------------|---|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Information, Inquiries & Complaints Policy | Implemented |
| | b. Privacy Inquiries & Privacy Complaints Log | Implemented |
| | c. Privacy Complaint Report | Implemented |
| DESCRIPTION | | |

DESCRIPTION

ICES maintains a log of privacy complaints received, which captures the following:

- Date received and type of complaint;
- Decision whether or not to investigate and the date this decision is made;
- Date the complainant is advised of the decision whether or not to investigate;
- Investigator name;
- Date of investigation commencement and completion;
- Whether or not the investigation revealed deficiencies in ICES' processes;
- Status of remedial action; and
- Date the complainant is advised of the investigation findings and any remediation.

The information in the Privacy Complaints Log is supplemented by the more detailed Privacy Complaint Report, which is created for each privacy complaint ICES receives. Information captured in the Privacy Complaint Report includes:

- Specific deficiencies and recommendations identified by the investigation;
- Agent responsible for addressing each recommendation;
- Timeline for addressing each recommendation; and
- Manner in which each recommendation will be addressed.

Part 2 – Security Documentation

1. Information Security Policy

| APPLICATION | | |
|----------------------------|---|---------------------------------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Security Framework & Governance Policy | Implemented |
| | b. Security Incident Management Policy | Implemented |
| | c. Internal Audit Policy | Implemented |
| | d. Information System Acquisition, | Implemented |
| | Development & Maintenance Policy | |
| | e. Discipline & Corrective Action Policy | Implemented |
| DECODIDETON | | · · · · · · · · · · · · · · · · · · · |

DESCRIPTION

ICES' Security Framework and Governance Policy establishes an overarching framework and responsibility for information security at ICES. Requirements of the policy specifically include:

- Establishment of a comprehensive information security program that consists of administrative, technical and physical safeguards aligned with established industry standards and practices, and that has sufficient documentary requirements to allow independent verification;
- Ensuring that ICES takes reasonable steps to protect personal health information against theft, loss and unauthorized use or disclosure and protect records of personal health information against unauthorized copying, modification or disposal;
- Conduct of organization-wide threat and risk assessments of all information assets, including personal health information, and project specific threat and risk assessments; and
- Establishment of a documented methodology for assessing and remediating threats and risks and prioritizing their remediation.

The policy requires ICES' information security program to consist of control objectives and security policies, procedures and practices that address:

- Ongoing review of security policies, procedures and practices;
- Information security training and awareness for all ICES staff;
- Physical security;
- Secure retention, transfer and disposal of records containing personal health information, including information contained on mobile devices, remote access and security of information at rest;
- Access control and authorization, including business requirements, user access management, user responsibilities, network access control, operating system access control and application and information access control;
- Systems acquisition, development and maintenance, including the security requirements of information systems, correct processing in applications, cryptographic controls, security of system files, security in development and support procedures and technical vulnerability management;
- Monitoring, including maintenance and review of system control and audit logs and security audits;
- Netw ork security, including patch management and change management;
- Acceptable use of information technology;
- Back-up and recovery;
- Security breach management: and
- Protection against malicious and mobile code.

The policy also refers to more detailed policies and procedures implemented to address the above-noted matters.

The policy stipulates that the information security infrastructure provide for:

- The transmission of personal health information over authenticated, encrypted and secure connections;
- Security-hardened servers, firewalls; and demilitarized zones and other perimeter defenses;
- Anti-virus, anti-spam and anti-spyw are measures;
- Intrusion detection and prevention systems;
- · Privacy and security enhancing technologies; and

Mandatory system-wide password-protected screen savers after a defined period of inactivity.

The policy also provides for continuous assessment and verification of ICES' information security program in order to deal with threats and risks to data holdings containing personal health information. ICES relies on its security audit program for such continuous assessment and verification. The program consists of assessments of the effectiveness of the administrative, technical and physical safeguards ICES has implemented. Specifically, audits assess compliance with ICES' security policies, procedures and practices, including those governing access to and use of personal health information, and include vulnerability assessments and penetration testing of ICES' information systems conducted by independent auditors.

ICES' Chief Executive Officer is ultimately accountable for ensuring the security of information at ICES and that agents comply with the security policies, procedures and practices. The Chief Privacy and Legal Officer has been delegated authority to approve and oversee the information security program. The Security Manager has been delegated authority to develop and implement the information security program, which includes implementation of administrative, technical and physical safeguards. The Senior Director, Information Technology, Finance and Corporate Projects has been delegated authority to approve and oversee the physical security of ICES' premises. The Facilities Manager has been delegated authority to develop and implement the physical security program.

Compliance with the above policy and its procedures is mandatory for all agents. Agents must notify ICES' Security Manager, or in the case of ICES Satellite Sites the Local Privacy and Security Officer, at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit and Monitoring Policy.

2. Policy & Procedures for Ongoing Review of Security Policies, Procedures & Practices

| APPLICATION | | |
|----------------------------|--|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Security Framework & Governance Policy | Implemented |
| | b. Internal Audit Policy | Implemented |
| | c. Security Monitoring Log & Report Forms Workbook | Implemented |
| | d. Policy Framework & Governance Policy | Implemented |
| | e. Discipline & Corrective Action Policy | Implemented |
| DECCRIPTION | | |

DESCRIPTION

ICES' Internal Audit Policy and associated security audit procedures, which are contained in the Security Monitoring Log and Report Forms Workbook, provide for continuous monitoring of ICES' security policies, procedures and practices. Matters addressed in the policy and procedures include frequency, timeframe and the procedures for conduct of reviews, which must be conducted prior to each scheduled review of ICES policies, procedures and practices by the IPC, pursuant to section 45(4) of PHIPA. Ongoing monitoring is the joint responsibility of ICES' Chief Privacy and Legal Officer and the Security Manager. Required audit activities specifically include monitoring for continued alignment of ICES' security policies, procedures and practices against:

- Applicable IPC orders, guidelines, fact sheets and best practices;
- Evolving industry security standards and best practices;
- Technological advancements;
- Amendments to PHIPA and its regulation;
- Recommendations arising from privacy and security audits;
- Recommendations arising from threat risk assessments and privacy impact assessments;
- Recommendations resulting from investigations into privacy or security breaches; and
- Consistency of security policies, procedures and practices with actual ICES practices and with ICES' privacy policies, procedures and practices.

ICES' Policy Framework and Governance Policy governs revision, creation, communication and implementation of policies, procedures and practices at ICES and changes to them. The policy specifically addresses:

- The procedure and responsibility for amending or drafting policies, procedures and practices as a result of the review, and obtaining approval;
- The procedure and responsibly for internal communication of amended or new policies, including the method and nature of communication;
- The procedure and responsibility for reviewing and amending any external communication materials as a result of the amended or new policies.

At ICES, each policy and procedure has a designated "owner," who is responsible for ensuring the ongoing maintenance of the policy or procedure, and a designated "authority," who is responsible for overseeing formal review of the policy or procedure and approving amendments. The Chief Privacy and Legal Officer is the authority for security policies, procedures and practices. New or amended security policies, procedures and practices that affect general ICES operations or require broader communication must undergo review and approval by ICES faculty members and ICES' Operations Committee before final approval by the Chief Privacy and Legal Officer. Communication of amended or new security policies or procedures is the responsibility of the Chief Privacy and Legal Officer.

Compliance with the above policies, procedures and practices is mandatory for all agents. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

3. Policy & Procedures for Ensuring Physical Security of Personal Health Information

| APPLICATION | | |
|-------------------|--|-------------|
| Fully applicable | Qualified application (explain) | |
| EXISTENCE & IMPLE | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Physical Security Policy | Implemented |
| | b. ICES-Central Physical Security SOP | Implemented |
| | c. ICES-Central Visitor SOP - Electronic | Implemented |
| | Access Badge | |
| | d. ICES-Central Visitor SOP - Non-Electronic | Implemented |
| | Access Badge | |
| | e. Visitors Sign In/Out Sheet | Implemented |
| | f. Visitors Policy | Implemented |
| | g. Keyscan Vantage Access Control System | Implemented |
| | h. Onboarding System | Implemented |
| | i. Key Sign In Log | Implemented |
| | j. Internal Audit Policy | Implemented |
| | k. Security Incident Management Policy | Implemented |
| | I. Discipline & Corrective Action Policy | Implemented |

DESCRIPTION

ICES has defined a policy and associated procedures to address the physical safeguards required to protect personal health information against theft, loss and unauthorized use or disclosure, and protect records of personal health information against unauthorized copying, modification or disposal.

Physical safeguards provided for under ICES' Physical Security Policy include controlled access to premises and locations where records of personal health information are retained, such as locked, restricted and/or monitored access. In addition, the policy provides for the creation of security zones, with progressive levels of security and the highest level preserved for locations where personal health information is held.

Compliance with the policy and its procedures is mandatory for all agents. Agents must notify the Security Manager at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and

termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

Access by Agent

The policy and procedures identify the various agents responsible for receiving, reviewing, granting and terminating access by agents to ICES' premises and to locations within the premises where records of personal health information are retained, including the levels of access that may be granted, which are outlined in the policy and procedures. The various responsible agents include supervisors, the Security Manager, the Director, Data Quality and Information Management, the Senior Director, Information Technology, Finance and Corporate Projects and the Facilities Manager. The policy and procedures also address:

- Criteria for determining level of access, based on the "need-to-know" principle (By default, agents are only granted medium security access, while ICES' IT and DQIM personnel are granted high-level access as they require such access for the performance of their duties;
- Time-limited access, where appropriate; and
- Provisioning of identification cards, access cards and/or keys by the Facilities Manager.

Required documentation and communication of the above is also identified in the procedures. Supervisors must submit a request for agents' access to the Facilities Manager in ICES' Onboarding System (the required information is set out in a form in ICES' Onboarding System and includes, among other details, that agent's name, department and role and access level requested as determined by the supervisor), which also documents any required confirmations of approval (the required content of confirmations is also set out in ICES' Onboarding System). Supervisors will also receive email confirmation of access requests triggered by the Facilities Managers through ICES' Onboarding System. The Facilities Manager will issue an identification card or access card programmed to allow access only to authorized locations within ICES' premises and for the required timeframe. The Facilities Manager must deliver the identification card or access card and/or keys to the agent in person.

Theft, Loss & Misplacement of Identification Cards, Access Cards & Keys

The policy and procedures set out the requirements and the process to be followed in the event of theft, loss and misplacement of identification cards, access cards and/or keys. The procedures require agents to notify ICES' Security Manager or the Facilities Manager at the first reasonable opportunity by email and must specify when and where the identification card, access card and/or keys were lost or misplaced. The Security Manager or Facilities Manager, as applicable, must immediately deactivate any electronic identification card or access cards. The Facilities Manager will issue a temporary or replacement identification card or access card and/or keys and must log the agent's name, card and/or key number, the date issued and the timeframe for return in the key log and/or card holder database, which are maintained and retained by the Facilities Manager. Where an agent fails to return an identification card or access card and/or keys, the Facilities Manager must contact the agent immediately to ensure they are returned, and for any electronic identification card or access card not returned, must also ensure it is deactivated.

Termination of Employment, Contractual or Other Relationship

The procedures require agents and their supervisors to notify a Human Resources Associate of the termination of the agent's employment, contractual or other relationship, and identify the procedure to be followed in terminating access. This includes a requirement that identification cards, access cards and/or keys be returned on the date of termination, at which time access to the premises must be terminated immediately by the Facilities Manager. Termination includes deactivation of any electronic identification cards or access cards, and ensuring keys have been returned.

Notification When Access is No Longer Required

The procedures outline the process to be followed when an agent no longer requires access to locations within ICES that contain personal health information, including a requirement that agents and their supervisors notify the Facilities Manager. Notification, the nature and format of which is specified in the procedures, must be provided on or before the date that access is no longer required. The Facilities Manager must immediately reprogram the electronic identification card or access card to terminate access to the restricted locations, and ensure all applicable keys issued to the agent are returned.

Audit of Agents with Access to the Premises

ICES requires the conduct of annual audits of agents with access to ICES' premises and to locations within the premises where records of personal health information are retained, in accordance with ICES' Internal Audit Policy. The purpose of the audit is to ensure that agents continue to have an employment, contractual or other relationship

with ICES and continue to require the same level of access and identify and remediate any unjustified access. The Security Manager is responsible for the conduct of the audits, in accordance with ICES' Internal Audit Policy and Security Audit Procedures.

Tracking & Retention of Documentation Related to Access to the Premises

The procedures identify systems used to log access approvals and changes, and assign responsibility to ICES' Facilities Manager and, where applicable, ICES' receptionist for the management of those systems. Documentation related to the receipt, review, approval and termination of access to ICES' premises and locations within the premises are stored in the Facilities Manager's electronic or paper files.

Visitors

ICES' Visitors Policy and associated procedures identify the agents responsible and the process to be followed in identifying, screening and supervising visitors. Each visitor has a designated host who, where applicable, must inform ICES' receptionist in advance of the visitor's arrival. The receptionist notifies the host when the visitor has arrived at ICES. Visitors are required to complete the visitor's log, recording their name, date and time of arrival, the agent(s) with whom they are meeting and the date and time of departure. Where a visitor requires an electronic access card or identification card with special access privileges, the host must complete a Track-IT ticket requesting that the Facilities Manager issue the card. The Visitors Policy specifies the identification that must be worn by visitors at all times.

The procedures address the duties of agents responsible for identifying, screening and supervising visitors. At a minimum, the host must ensure the visitor is accompanied at all times, we are the identification card issued to him/her and returns it upon departure. The host and ICES' receptionist are jointly responsible for ensuring the visitor completes the visitors log upon arrival and departure. Where it is discovered that a visitor has failed to complete the log, ICES' receptionist must contact the host to obtain the necessary information. Where a visitor has failed to return the identification card or access card, ICES' receptionist must contact the host, who must in turn follow up with the visitor to ensure the card is returned. If the card is lost or missing, ICES' receptionist must notify the Facilities Manager, who is required to deactivate any electronic card.

The procedures require that ICES' receptionist retain the visitors log in the receptionist's office and that the Facilities Manager retain other documentation related to the identification, screening or supervision of visitors in his/her office in a designated file.

4. Log of Agents with Access to the Premises of the Prescribed Person or Prescribed Entity

| APPLICATION | | |
|-------------------------------|--|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEI | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. ICES-Central Physical Security SOP | Implemented |
| | b. Onboarding System | Implemented |
| | c. Keyscan Vantage Access Control System | Implemented |
| | d. Track-IT System | Implemented |
| | e. Visitors Sign In/Out Sheet | Implemented |
| | f. ICES-Central Visitors SOP - Non Electronic Badge | Implemented |
| | g. ICES-Central Visitors SOP - Electronic Access Badge | Implemented |
| | h. Visitors Policy | Implemented |
| | Termination of Employment/Resignation & Discharge Policy | Implemented |
| | j. Internal AuditPolicy | Implemented |
| | k. Security Audit Log & Instructions Workbook | Implemented |
| DESCRIPTION | | |

ICES has defined procedures that address the requirement to maintain a log of agents granted approval to access the premises and the level of access granted. The required logs can be generated from the systems and processes identified above, and include:

Agent's name;

- Level and nature of access;
- Locations within the premises to which access is granted;
- Date(s) access was granted;
- Date(s) identification cards, access cards or keys were provided, associated identification numbers and date(s) returned; and
- Date of next audit.

The systems and processes are subject to audit by the Security Manager under ICES' Internal Audit Policy and associated procedures contained in the Security Audit and Instructions Workbook.

5. Policy & Procedures for Secure Retention of Records of Personal Health Information

| APPLICATION | | |
|-------------------------------|--|-------------|
| Fully applicable 🛛 | Qualified application (explain) | |
| EXISTENCE & IMPLEI | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. ICES Data Management Policy | Implemented |
| | b. ICES Data Management Standard | Implemented |
| | c. Records Retention Schedule | Implemented |
| | d. Data Backup Policy | Implemented |
| | e. Destruction of ICES Data SOP | Implemented |
| | f. Privacy Impact Assessment Policy | Implemented |
| | g. ICES PIA Form - Service Provider | Implemented |
| | h. Security Incident Management Policy | Implemented |
| | i. Internal Audit Policy | Implemented |
| | j. Discipline & Corrective Action Policy | Implemented |
| DESCRIPTION | | |

ICES has developed policies, procedures and practices that collectively satisfy the requirements with respect to the secure retention of records of personal health information in paper and electronic format.

The ICES Data Management Policy mandates that records of personal health information in both paper and electronic format be retained for only as long as necessary to fulfill the purposes for which they were collected. The policy requires that records of personal health information collected for research not be retained for longer than specified in the research plan approved by a research ethics board, and that records of personal health information collected pursuant to a data sharing agreement not be retained for longer than set out in the agreement. The policy provides for the establishment of a records retention schedule, which exists and is used to monitor and manage retention of personal health information in accordance with research plans and data sharing agreements.

The policy stipulates that records of personal health information must be retained in a secure manner and assigns overall responsibility to the ICES' Director, Data Quality and Information Management. The policy and the ICES Data Management Standard identify the precise methods by which records of personal health information in paper and electronic format must be securely retained. Records of personal health information on paper must be stored in locked rooms and cabinets. Records of personal health information in electronic format on ICES systems must be stored on a server isolated from the ICES network. Records of personal health information on mobile media must be encrypted and stored in locked rooms and safes.

The policy requires agents to take reasonable steps to ensure records of personal health information are protected against theft, loss and unauthorized use, disclosure, copying, modification or disposal. The detail of the policy and supporting standard, compliance with which is mandatory, effectively defines the reasonable steps, which include use of locked rooms, cabinets and safes, segregated servers with access controls and encryption of mobile media. As well, under the standard, personal health information with direct personal identifiers is retained only temporarily until data quality issues have been resolved and is then securely destroyed by an ICES-approved method.

Retention by a Third Party Service Provider

ICES' Privacy Impact Assessment Policy addresses the selection and management of any third party service provider contracted to retain records of personal health information on ICES' behalf (e.g. for backup purposes). The policy stipulates that a privacy impact assessment must be conducted prior to establishing any such service relationship. The ICES PIA Form - Service Provider, completion of which is the responsibility of an ICES Privacy SME, has been defined for this purpose. The form is designed to:

- Address the circumstances under which and the purposes for which records of personal health information will be transferred to a third party for secure retention;
- Establish and detail an appropriately secure procedure and method for the transfer of records of personal health information to the third party and the retrieval of records from the third party, which meet the requirements of ICES' own policies, procedures and practices for secure transfer;
- Identify conditions for transfer and retrieval; and
- Ensure the services are appropriately documented in a service level agreement that includes mandatory
 privacy content in agreements with third party service providers as captured in an appendix in the ICES
 PIA Form Service Provider, and which must be reviewed and approved by an ICES Privacy SME prior to
 transfer.

The ICES Data Management Policy addresses the documentation that must be maintained in relation to the transfer of records of personal health information to a third party service provider for retention. In particular, the agent responsible for ensuring the secure transfer, either the Director, Information Technology (IT) or delegate, is required to document the date, time and mode of transfer, and maintain a repository of written confirmations received from the third party service provider upon receipt of the records, as well as a detailed inventory of the personal health information being securely retained by or retrieved from the third party service provider.

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify ICES' Security Manager, or in the case of ICES Satellite Sites the Local Privacy and Security Officer, at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

6. Policy & Procedures for Secure Retention of Records of Personal Health Information on Mobile Devices

| APPLICATION | | | |
|-------------------------------|--|-------------|--|
| Fully applicable 🗵 | Qualified application (explain) | | |
| EXISTENCE & IMPLEI | MENTATION | | |
| ICES vehicle(s) | Name | Status | |
| | Protecting Personal Health Information on Mobile Devices Policy | Implemented | |
| | b. Internal Audit Policy | Implemented | |
| | c. Discipline & Corrective Action Policy | Implemented | |
| | d. Security Incident Management Policy | Implemented | |
| | e. Privacy Impact Assessment Policy | Implemented | |
| | f. ICES Project PIA Form | Implemented | |
| | g. ICES Project PIA Review Procedure | Implemented | |
| | h. Passw ord Policy | Implemented | |
| | i. Mobile Device Policy | Implemented | |
| | j. ICES Data Management Policy | Implemented | |
| | k. ICES Data Management Standard | Implemented | |
| | I. Access to ICES Data Policy | Implemented | |
| | m. Remote Access Policy | Implemented | |
| DESCRIPTION | | | |

ICES has developed policies, procedures and practices to identify whether and in what circumstances ICES permits the retention of records of personal health information on mobile devices. The term "mobile device" is defined in ICES' Protecting Personal Health Information on Mobile Devices Policy. Compliance with the policies, procedures and practices is mandatory for all agents. Agents must notify ICES Security Manager, or at ICES Satellite Sites the Local Privacy and Security Officer, at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES'

Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

ICES' Protection of Personal Health Information on Mobile Devices Policy authorizes collection and retention on mobile devices, subject to approval through a privacy impact assessment. Conducted by an ICES Privacy SME under ICES' Privacy Impact Assessment Policy, privacy impact assessments are guided by, and documented through, an ICES Project PIA Form. The agent requesting to collect or retain records of personal health information on a mobile device must submit an ICES Project PIA Form, the required content of which is defined in the form, to an ICES Privacy SME. The ICES Privacy SME must review the ICES Project PIA Form, taking into account the criteria and the requirements for approving or denying the request, including ensuring that other information — namely de-identified and/or aggregate information — will not serve the purpose and no more personal health information will be retained on the mobile device than is reasonably necessary to meet the identified purpose. The ICES Privacy SME must indicate approval by signing a copy of the ICES Project PIA Form and returning it by email to the agent.

ICES' Protecting Personal Health Information on Mobile Devices Policy and Mobile Device Policy establish conditions and restrictions on retention, which include:

- Retention of de-identified or aggregate information only if it will serve the purpose;
- De-identification to the fullest extent possible;
- A prohibition against retaining more personal health information on a mobile device than is reasonably necessary for the identified purpose;
- Use of encryption and complex passwords in accordance with ICES' Password Policy, and responsibility of assigned IT staff for encryption;
- · Passw ord-protected screen savers and responsibility for enabling them;
- Shortest possible retention period;
- Second layer of encryption and different complex password at the file level; and
- Ensuring the use of the personal health information subject to assessment has already been approved pursuant to ICES' Privacy Impact Assessment Policy and supporting procedures.

ICES' Protecting Personal Health Information on Mobile Devices Policy requires agents to retain personal health information on the mobile device in compliance with ICES' policies, procedures and practices relating to secure retention of records of personal health information, and to securely delete the information in accordance with the process and timeframe set out in the policies, procedures and practices. This policy and the ICES Data Management Policy both address steps and measures to protect personal health information on mobile devices against theft, loss and unauthorized use, disclosure, copying, modification or disposal.

ICES' Remote Access Policy sets out the circumstances under which remote access to personal health information is permitted and the associated requirements. Requests to access personal health information are required to be made through a Work From Home Application and Agreement and submitted to the agent's direct supervisor for consideration and approval. One of the conditions for approving access is that the agent has signed the associated agreement, thereby agreeing to a range of remote access safeguards such as taken measure to shield screens from "shoulder surfers". Agents are only permitted to access to the same personal health information remotely as they are permitted to access while on ICES' physical premise. The following are other conditions: Access to personal health information containing direct personal identifiers is permitted in a private space only; access to coded data is permitted from either a private or a semi-private space; and access to personal health information in any format in a public space is prohibited. Access must occur, and is technically feasible only, through ICES-managed remote access software.

7. Policy & Procedures for Secure Transfer of Records of Personal Health Information

| APPLICATION | | | | |
|-----------------------------|---|---------------------------------|--|--|
| Fully applicable ⊠ | Qualified application (explain) | Qualified application (explain) | | |
| EXISTENCE & IMPL | MENTATION | | | |
| ICES vehicle(s) | Name Status | | | |
| | a. ICES Data Management Policy | Implemented | | |
| | b. ICES Data Management Standard Implemented | | | |
| | c. Secure Transfer of Personal Health Information SOP | Implemented | | |
| | d. Contracts Database | Implemented | | |
| | e. DQIM Data Disclosure Log | Implemented | | |

| f. | Managing Paper Chart Documents Procedure | Implemented |
|----|---|-------------|
| g. | Case List Request & Distribution Procedure | Implemented |
| h. | Security Incident Management Policy | Implemented |
| i. | Internal Audit Policy | Implemented |
| j. | Discipline & Corrective Action Policy | Implemented |

DESCRIPTION

ICES has developed policies, procedures and practices that collectively address the secure transfer of personal health information in paper and electronic format. The ICES Data Management Policy requires personal health information to be transferred in a secure manner, and the ICES Data Management Standard and the Secure Transfer of Personal Health Information SOP set out the secure methods of transferring records of personal health information in paper and electronic format that have been approved by ICES. The policy specifically requires agents to use only approved methods of transferring records of personal health information and prohibits all other methods. The standard and SOP outline the approved methods and associated procedures.

Electronic File & Mobile Media Transfers

The standard and SOP authorize transmission of records of personal health information through a secure and encrypted electronic file transfer system or encrypted mobile media. The standard and SOP outline the conditions for transfer. These include conduct and approval of a privacy impact assessment by an ICES Privacy SME that documents authority for the transfer of records. The SOP assigns responsibility to an ICES Data Covenantor for ensuring the records of personal health information are securely transferred. In the case of inbound transfers, ICES' receptionist is permitted to receive mobile media transferred to ICES by courier, but upon receipt, the media must be retrieved by an ICES Data Covenantor and stored in a secure data safe.

The SOP identifies the documentation that must be completed in relation to the secure transfer. For each inbound transfer an ICES Data Covenantor must update the Contracts Database, recording the date and mode of transfer and the recipient of the records of personal health information. The Contracts Database also contains the nature of personal health information transferred to ICES. For each outbound transfer, the ICES Data Covenantor must update the DQIM Data Disclosure Log, recording the date and mode of transfer, the recipient of the records and the nature of the personal health information transferred. The ICES Data Covenantor is required to file confirmations of receipt.

Paper & Email Transfers

The standard permits the transfer of records of personal health information by email or by paper only in the context of a specific type of ICES activity called "primary data collection." The procedures, conditions, roles and responsibilities and required documentation for paper and email transfers are set out in the Managing Paper Chart Documents and the Case List Request Distribution procedures. The procedures provide as follows: paper, w hich is only ever transferred from data custodians to ICES and never from ICES to them, must be sent by courier and any direct personal identifiers must be removed prior to transfer. Case lists sent by email must not contain direct personal identifiers beyond medical record numbers and must be contained in an encrypted, password-protected file, and the password sent separately from the file. The assigned ICES research coordinator or ICES Abstractor, as applicable, is responsible for ensuring the records are securely transferred. Confirmations of receipt by email are required in the case of email transfers.

The SOP together with the ICES Data Management Policy and the ICES Data Management Standard outline the administrative, technical and physical safeguards that must be implemented in transferring records of personal health information through each of the approved methods. The policy requires that the approved methods of secure transfer and associated procedures and safeguards be consistent with IPC orders, including Order HO-004 and Order HO-007; IPC guidelines, fact sheets and best practices, and evolving privacy and security standards and best practices.

Compliance with the above policy and procedures is mandatory for all agents. Agents must notify ICES' Security Manager, or at an ICES Satellite the Local Privacy and Security Officer, at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

8. Policy & Procedures for Secure Disposal of Records of Personal Health Information

| | • | | |
|-------------------------------|---|-------------|--|
| APPLICATION | | | |
| Fully applicable | Qualified application (explain) | | |
| EXISTENCE & IMPLEI | MENTATION | | |
| ICES vehicle(s) | Name | Status | |
| | a. ICES Data Management Policy | Implemented | |
| | b. ICES Data Management Standard | Implemented | |
| | Destruction of ICES Data SOP Implemented | | |
| | c. Information Media Destruction SOP Implemented | | |
| | d. Privacy Impact Assessment Policy | Implemented | |
| | e. ICES PIA Form – Service Provider | Implemented | |
| | f. Internal Audit Policy | Implemented | |
| | g. | | |
| | h. Security Incident Management Policy | Implemented | |
| | i. Privacy Incident Management Policy Implemented | | |
| | j. Discipline & Corrective Action Policy | Implemented | |
| DESCRIPTION | | | |

The ICES Data Management Policy and related procedures address the secure disposal of records of personal health information in both paper and electronic format. The policy requires records of personal health information to be disposed of in a secure manner that is consistent with the definition in PHIPA and its regulation. The policy states that secure disposal means that records are disposed of in such a manner that their reconstruction is not reasonably foreseeable in the circumstances.

The ICES Data Management Standard, Information Media Destruction SOP and Destruction of ICES Data SOP identify the precise methods for the secure disposal of records of personal health information in paper and electronic format, including various media. Records on paper must be disposed of by crosscut shredding or deposited into approved shredding bins for secure disposal by a third party service provider. Mobile devices or media must be wiped using secure overwrite utility software. Unserviceable mobile media must be physically destroyed by burning platters, degaussing or shredding to prevent reconstruction. Records on ICES servers must be permanently deleted. The policy requires that these secure disposal methods be consistent with PHIPA and its regulation, with IPC orders, including Order H0-001 and Order HO-006, and with IPC guidelines, fact sheets and best practices, including Fact Sheet 10: Secure Destruction of Personal Information.

The standard and the two SOPs address the secure retention of records of personal health information pending their secure disposal. Records intended for disposal must be physically segregated from records intended for recycling, stored in designated areas, and retained in clearly marked cabinets, safes or bins. Records on paper, if not shredded by ICES staff, must be stored in designated bins distributed throughout ICES' premises until they are securely disposed of by a third party service provider. Shredding bins are clearly marked, opaque and locked and their contents cannot be accessed by ICES staff. ICES' Facilities Manager is responsible for ensuring the security of paper bins pending secure disposal of their contents. Mobile media intended for disposal must be clearly marked and stored in a locked room in a clearly marked safe until they are securely disposed of. ICES' IT Service Lead is responsible for ensuring the media is securely retained pending its secure disposal.

Disposal by a Designated ICES Agent, Not a Third Party Service Provider

Under the Destruction of ICES Data SOP, where a designated ICES agent, and not a third party service provider, is responsible for disposal of records of personal health information, the disposal must be carried out or coordinated by an ICES Data Covenantor or assigned IT staff within the timeframe specified in the data sharing agreement or Records Retention Schedule. The circumstances under which and conditions pursuant to which disposal is performed by an ICES Data Covenantor include physical destruction of CD-Rs and removal of electronic records on laptops and ICES systems. When records are contained on mobile media or devices other than CD-Rs or laptops, an ICES Data Convertor must submit a Track-IT ticket to request disposal by assigned IT staff. Specific responsibilities of ICES Data Covenantors and IT staff with respect to secure disposal, including tracking of destruction dates and storage of certificates of destruction, are detailed in the Destruction of ICES Data SOP and Information Media Destruction SOP.

Under the ICES Data Management Standard, personal health information with direct personal identifiers is retained only temporarily until data quality issues have been resolved and is then securely destroyed by an ICES-approved method.

The SOPs require ICES Data Covenantors to provide certificates of destruction to the data custodian no later than a specified time following the secure disposal. The certificates of destruction are required to:

- Identify the records of personal health information to be securely disposed of;
- Confirm the secure disposal of the records of personal health information;
- Set out the date, time and method of secure disposal employed; and
- Bear the name and signature of the agent(s) who performed the secure disposal.

Disposal by a Third Party Service Provider

ICES' Privacy Impact Assessment Policy addresses the selection and management of any third party service provider contracted to securely dispose of records of personal health information on ICES' behalf. The policy stipulates that a privacy impact assessment must be conducted prior to establishing any such service relationship. The ICES PIA Form – Service Provider, completion of which is the responsibility of an ICES Privacy SME, has been defined for this purpose. The form is designed to:

- Establish and detail an appropriately secure procedure and method for the transfer of records of personal health information to the third party service provider, which meet the requirements of ICES' own policies, procedures and practices for secure transfer;
- Identify conditions for transfer; and
- Ensure the services are appropriately documented in a service level agreement that includes mandatory privacy content as captured in the appendix to the ICES PIA Form Service Provider, and which must be reviewed and approved by an ICES Privacy SME prior to transfer.

The ICES Data Management Policy addresses the documentation that must be maintained in relation to the transfer of records of personal health information to a third party service for secure disposal. In particular, the agent responsible for ensuring the secure transfer, either the Director IT or delegate in the case of personal health information on mobile media, or the Facilities Manager in the case of personal health information on paper, is required to document the date, time and mode of transfer, and maintain a repository of written confirmations received from the third party upon receipt of the records and a detailed inventory of the personal health information transferred for secure disposal.

Currently at ICES, secure disposal of paper and mobile media by a third party service provider is done onsite only and transfer is not required. For disposal of paper the Information Media Destruction SOP requires ICES' receptionist to track the date the third party service provider was onsite to perform the disposal and the date the certificate of destruction was received. The receptionist must provide the certificate of destruction to the Facilities Manager for storage in the Manager's office. For disposal of mobile media, the IT Service Lead is responsible for tracking and filing copies of certificates of destruction on a restricted electronic folder. Where a third party service provider does not provide a certificate of destruction within the required timeframe, the Facilities Manager or IT Service Lead, as applicable, must follow up to ensure the certificate is provided.

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify ICES' Security Manager, or at ICES Satellites the Local Privacy and Security Officer, at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by ICES' Security Manager and an audit schedule established under ICES' Internal Audit Policy.

9. Policy & Procedures Relating to Passwords

| APPLICATION | | | |
|-------------------------------|--|-------------|--|
| Fully applicable | Qualified application (explain) | | |
| EXISTENCE & IMPLEI | EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name Status | | |
| | a. Passw ord Policy Implemented | | |
| | b. Security Incident Management Policy Implemented | | |
| | c. Internal Audit Policy | Implemented | |
| | d. Discipline & Corrective Action Policy | Implemented | |
| DESCRIPTION | | | |

ICES' Password Policy addresses passwords for authentication and access to information systems, technologies, equipment, resources, applications and programs. The policy applies to all agents who access computing systems operated by ICES, including any default user account on systems or software owned, licenced or managed by ICES, whether such access is from an ICES-owned or personal computer.

The policy is consistent with orders, guidelines, fact sheets and best practices issued by the IPC, and industry standards. The policy defines:

- Minimum and maximum password length;
- Password composition, which must be a combination of upper and lower case letters, numbers and alphanumeric characters;
- Restrictions on re-use of prior passwords:
- Timed automated expiry and frequency of passw ord change;
- · Consequences following a defined number of failed login attempts, including account lockout;
- Imposition of system-wide passw ord-protected screen saver after a defined period of inactivity; and
- Administrative, technical and physical safeguarding rules for agents to maintain confidentiality of passwords, including specific requirements to keep passwords private and secure, change passwords immediately if suspected they have become known to others, and to refrain from writing down, displaying, concealing, hinting at, providing, sharing or otherwise making passwords known to others.

Compliance with the above policy and procedures is mandatory for all agents. Agents must notify the Security Manager, or at ICES Satellite Sites the Local Privacy and Security Officer, at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

10. Policy & Procedure for Maintaining & Reviewing System Control & Audit Logs

| APPLICATION | | | |
|-------------------------------|--|-------------|--|
| Fully applicable 🛛 | Qualified application (explain) | | |
| EXISTENCE & IMPLEI | MENTATION | | |
| ICES vehicle(s) | Name Status | | |
| | a. System Control & Audit Log Policy | Implemented | |
| | b. System Control & Audit Log SOP | Implemented | |
| | c. System Control & Audit Log Standard | Implemented | |
| | d. Security Audit SOP | Implemented | |
| | e. Internal Audit Policy | Implemented | |
| | f. Privacy Incident Management Policy | Implemented | |
| | g. Security Incident Management Policy | Implemented | |
| | h. Discipline & Corrective Action Policy | Implemented | |
| DECCRIPTION | | | |

DESCRIPTION

ICES' System Control and Audit Log Policy provides for the creation, maintenance and ongoing review of system control and audit logs that are aligned with industry standards over time and commensurate with the amount and sensitivity of the personal health information maintained, the number and nature of agents with access, and the associated risks.

ICES' System Control and Audit Log SOP requires ICES' information systems involving personal health information, including technologies, applications and programs, to be configured to log access, use, modification and disclosure. The types of events that require auditing and the nature and scope of the information to be captured in the system control and audit logs are set out in ICES' System Control and Audit Log Standard. These logs are required to contain the date and time personal health information is accessed and access is disconnected, as well as the user and computer identifiers, type of action performed such as retrieval, creation or deletion, date and time of the action, and any changes to values. Under the SOP, the Security Manager is responsible for ensuring required audits are conducted and the required information is captured in these logs, including its nature and scope.

The consistency of these logs is ensured through provisions in ICES' System Control and Audit Log Policy and reinforced by the SOP, which also identifies the procedures for ensuring logs are protected from unauthorized

access, and assigns responsibility for protecting logs to the System/Database Administrator. The SOP requires the System/Database Administrator to retain these logs and identifies their location and the retention period. Review of these logs by the Security Manager, as well as by the System Information and Event Management Administrator and under what circumstances, and the review frequency and process, are also defined in the policy and SOP. These designated reviewers of logs are required to provide notification, at the first reasonable opportunity, of any privacy incidents or breaches under ICES' Privacy Incident Management Policy or security incidents or breaches under ICES' Security Incident Management Policy. The relationship between the SOP and ICES' Privacy Incident Management Policy is identified in the SOP.

ICES' System Control and Audit Log SOP assigns responsibility to the Security Manager for addressing findings within specified timelines and monitoring to ensure the findings have been addressed, and identifies related documentary requirements. Also addressed in the SOP is how findings will be communicated by the Security Manager to the Manager or Director of IT and the timeframes for communication. The SOP assigns responsibility to the Security Manager for tracking the findings using the Security Incidents Log and monitoring to ensure the findings and any remediation steps have been addressed.

Compliance with the above policy and procedures is mandatory for all agents. Agents must notify the Security Manager, or at an ICES Satellite Site the Local Privacy and Security Officer, at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources, in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

11. Policy & Procedures for Patch Management

| APPLICATION | | | |
|----------------------------|---|-------------|--|
| Fully applicable ⊠ | Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicle(s) | Name | Status | |
| | a. Patch Management Policy | Implemented | |
| | b. Information Technology Change Management SOP | Implemented | |
| | c. Security Incident Management Policy | Implemented | |
| | d. Internal Audit Policy | Implemented | |
| | e. Discipline & Corrective Action Policy | Implemented | |

DESCRIPTION

ICES' Patch Management Policy addresses the implementation of patch management at ICES. Under the policy, ICES' IT Manager must assign responsibility to specific IT staff for monitoring the availability of patches and related patch management tasks. The policy identifies the frequency of monitoring and the associated procedure that must be follow ed. The policy requires assigned IT staff to determine whether and when to implement a patch, based upon criteria that are set out in the policy, and further identifies the process that must be followed in this regard. When it is determined a patch should not be implemented, the policy requires the assigned IT staff to document a description of the patch, the date it became available, the severity level, the information system to which the patch relates and the rationale for not implementing the patch. When it is determined a patch should be implemented, the policy identifies the priority and required timeframe for implementation based upon the severity level of the patch. The process for patch implementation is set out in ICES' Information Technology Change Management SOP, which identifies the agent responsible for implementation (i.e. the assigned Change Implementer), the circumstances in which patches must be tested, the timeframe for testing and the required documentation and responsibility for testing.

The policy and SOP address the documentation that is required to be maintained with respect to patches that have been implemented and assigns responsibility for its maintenance to the designated IT staff. Minimum documentation content includes a description of the patch and its severity level, the date it became available, the system to which the patch relates, implementation date, agent responsible for implementation, test date, agents responsible for testing, and the test results.

Compliance with the above policy and its procedures is mandatory for all agents. Agents must notify ICES' Security Manager, or at ICES Satellites the Local Privacy and Security Officer, at the first reasonable opportunity if they

breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by ICES' Security Manager and an audit schedule established under ICES' Internal Audit Policy.

12. Policy & Procedures Related to Change Management

| APPLICATION | | | |
|----------------------------|--|-------------|--|
| Fully applicable ⊠ | Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicle(s) | Name Status | | |
| | a. Change Management Policy | Implemented | |
| | b. Change Management Procedure Implemented | | |
| | c. Request for Changer Form (RFC) Implemented | | |
| | d. Security Incident Management Policy Implemented | | |
| | e. Internal Audit Policy Implemented | | |
| | f. Discipline & Corrective Action Policy Implemented | | |
| DESCRIPTION | | | |

ICES' Change Management Policy and associated procedures address the receipt, review and approval or denial of requests to change the operational environment of ICES.

The policy and procedures address:

- The request process, requirements and associated roles and responsibilities;
- Receipt, review and approval or denial of change requests by an established Change Advisory Board comprised of agents from ICES' Information Technology, , ICES' Privacy and Legal Office, which includes the Security Manager, Corporate Services and Research and Analysis;
- The documentation that must be completed (i.e. a Request for Change Form or RFC) by the requestor and submitted to the Change Advisory Board, through a designed Change Coordinator, for review and approval;
- Minimum documentation content requirements, which are defined in the RFCF, including the requestor's name, the change requested, the date the change was requested, the rationale/need for the change, the impact and, where applicable, the rationale for a decision not to implement the change;
- Criteria and process for determining whether to approve or deny requests;
- The manner in which decisions must be documented, and the method and format for communicating decisions to the requestor;
- Responsibility of the change manager and Change Advisory Board for prioritizing and determining timelines for implementation of approved changes, and associated documentation;
- The process and responsibility of the change implementer for implementing approved changes, and associated documentation:
- Responsibility of the change manager for maintaining and updating documentation of changes that have been implemented, including a description of the change requested, the requestor's name, the change requested, the date the change was requested, the change priority, the date the change was implemented, responsibility of the change implementer for implementation, the date the change was tested, responsibility of the change implementer for testing, and the test results; and
- The circumstances in which changes must be tested by the change implementer and associated time frame, procedures and documentation.

Compliance with the above policy and procedures is mandatory for all agents. Agents must notify the Security Manager, or at an ICES Satellite Site the Local Privacy and Security Officer, at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

13. Policy & Procedures for Back-Up & Recovery of Records of Personal Health Information

| APPLICATION | | | |
|----------------------------|--|-------------|--|
| Fully applicable 🛛 | Qualified application (<i>explain</i>) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicle(s) | Name Status | | |
| | a. Data Backup Policy | Implemented | |
| | b. Privacy Impact Assessment Policy Implemented | | |
| | c. ICES Data Management Policy Implemented | | |
| | d. ICES Data Management Standard | Implemented | |
| | e. ICES PIA Form - Service Provider | Implemented | |
| | f. Internal Audit Policy | Implemented | |
| | g. Privacy Incident Management Policy | Implemented | |
| DECODIDATION | | | |

ICES' Data Backup Policy addresses the backup and recovery of records of personal health information. The policy specifically addresses:

- Types of backup storage devices used;
- Frequency with which personal health information is backed up;
- Process and requirements for backup and recovery;
- The need for the availability of backed-up records and the circumstances under which backed-up records will be made available;
- Testing of backups and recovery procedures, and testing frequency and process;
- Required documentation for backup, recovery and testing, the contents of which are defined in the applicable document or log:
- Requirement to ensure backup storage devices are securely retained in a restricted area within ICES and timeframe for retention:
- Responsibility for all of the above, which is assigned to ICES' Director, IT and designated system administrators.

The policy is required to be in compliance with ICES' policies, procedures and practices for the secure retention of records of personal health information, including the ICES Data Management Policy and the ICES Data Management Standard.

Retention by a Third Party Service Provider

ICES' Privacy Impact Assessment Policy addresses the selection and management of any third party service provider contracted to retain records of personal health information on ICES' behalf. This includes any third party service provider contracted to retain backed-up records. The policy stipulates that a privacy impact assessment must be conducted prior to establishing any such service relationship. The ICES PIA Form - Service Provider, completion of which is the responsibility of an ICES Privacy SME, has been defined for this purpose. The form is designed to:

- Establish and detail an appropriately secure procedure and method for the transfer of backed-up records
 of personal health information to the third party service provider and the retrieval of records from the third
 party service provider, which meet the requirements of ICES' own policies, procedures and practices for
 secure transfer:
- Identify conditions for transfer and retrieval; and
- Require that a written agreement be executed with the third party service provider that meets or exceeds appropriate mandatory privacy content, and which must be reviewed and approved by an ICES Privacy SME prior to transfer.

The ICES Data Management Policy addresses the documentation that must be maintained in relation to the transfer of backed-up records of personal health information to a third party service provider for retention. In particular, the agent responsible for ensuring the secure transfer – namely the Director, IT or delegate, as applicable – is required to document the date, time and mode of transfer and maintain a repository of written confirmations received from the third party service provider upon receipt of the records and a detailed inventory of the personal health information being securely retained by, or retrieved from the third party service provider.

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify the Security Manager, or at ICES Satellite Sites the Local Privacy and Security Officer, at the first reasonable opportunity

if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

14. Policy & Procedures on the Acceptable Use of Technology

| APPLICATION | | | |
|-------------------------------|--|-------------|--|
| Fully applicable 🛛 | Qualified application (explain) | | |
| EXISTENCE & IMPLEI | MENTATION | | |
| ICES vehicle(s) | Name Status | | |
| | a. Acceptable Use Policy | Implemented | |
| | b. | | |
| | C. | | |
| | d. Change Management Policy Implemented | | |
| | e. Change Management Procedures Implemented | | |
| | f. Track-IT System | Implemented | |
| | g. Personnel IT Equipment Request Form | Implemented | |
| | h. Security Incident Management Policy | Implemented | |
| | i. Internal Audit & Monitoring Policy Implemented | | |
| | j. Discipline & Corrective Action Policy Implemented | | |
| DESCRIPTION | | | |

ICES' Acceptable Use Policy outlines the acceptable use of ICES' information systems. The policy applies whether or not equipment involved is owned, leased or operated by ICES.

The policy defines uses that are permitted, uses that are prohibited and uses that are subject to prior approval. The policy does not detail the process for making or approving a request for any standard equipment, applications or programs. Requests for any of these are simply handled and documented through ICES' IT ticket system. The requestor must complete a Personnel IT Equipment Request Form, obtain the signature of his/her supervisor and, where applicable, the signatures of the Director of Finance and the relevant Senior Director, and submit the form through a Track-IT ticket to ICES' HelpDesk for processing by the assigned IT staff. The form requires, among other details, justification for the need of the equipment, application or program.

If the equipment, application or program falls outside of ICES' standard list, the process for making and approving a request is set out in ICES' Change Management Procedures. The requestor is required to complete a Change Request Form, the required details of which are defined in the form. This form must be reviewed by a designated Change Advisory Board consisting of agents from ICES' Information Technology and ICES' Privacy and Legal Office, which includes the Security Manager. The procedures identify the criteria for approving or denying the request, as well as how decisions by the Change Advisory Board must be documented, including the reasons for the decision and any conditions on approval with which the requestor must comply, and how those decisions must be communicated to the requestor.

Compliance with the above policies, procedures and practices is mandatory for all agents. Agents must notify the Security Manager at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Directory, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

15. Policy & Procedures In Respect of Security Audits

| APPLICATION | | | |
|----------------------------|---------------------------------|-------------|--|
| Fully applicable ⊠ | Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicle(s) | Name Status | | |
| | a. Internal Audit Policy | Implemented | |

| b. | Security Audit Procedure | Implemented |
|----|---|-------------|
| C. | Security Audit Log & Instructions Workbook | Implemented |
| d. | Security Audit Report Form | Implemented |
| e. | Security Incident Management Policy | Implemented |
| f. | Privacy Incident Management Policy | Implemented |

DESCRIPTION

ICES' Internal Audit Policy and Security Audit Procedure identify the types of security audits that are required to be conducted, and the purpose, scope, circumstances and frequency for each. It provides as follows:

Threat and Risk Assessments

ICES conducts Threat and Risk Assessments prior to implementing new technologies or making changes to existing technologies that could impact security. Threat and Risk Assessments are conducted to identify and address security weaknesses that could otherwise lead to Security Incidents.

Security Assessments

ICES conducts ad hoc security assessments to identify and address the security implications of requests made by Information Technology and others.

Vulnerability Assessments

ICES conducts quarterly vulnerability assessments to measure the overall security health of ICES systems by looking for unknown changes that have been made to those systems.

Penetration Testing

ICES conducts penetration tests prior to implementing new technologies or making changes to existing technologies that could impact security. Penetration tests are used to attempt to exploit vulnerabilities in ICES computer systems, networks and web applications to determine if unauthorized access or malicious activity is possible.

Ethical Hacks

ICES conducts quarterly ethical hacks to identify potential threats inside ICES environments by duplicating the intent and actions of malicious hackers.

Reviews of System Control and Audit Logs

ICES reviews system control and audit logs on a daily basis to detect malicious activity and identify internal and external threats.

Audits of ICES' Security Policies, procedures and practices

ICES audits each of its security policies and associated procedures every calendar year. Audits are conducted in order to:

- 1. Verify that policies and selected procedures are implemented and in place
- 2. Evaluate their effectiveness to meet the objectives of the policy, and
- 3. Correct deficiencies.

The Security Manager has overall responsibility for implementation of the policy. This is specified in the policy, as is the overarching responsibility of the Chief Privacy and Legal Officer for privacy and security. Responsibilities of the Chief Privacy and Legal Officer specifically include the selection and supervision of auditors and establishment of an audit schedule to fulfill the objectives of the policy.

The Security Audit Report Form is designed to hold report forms that guide audits. The template is tailored by audit type, but consistently addresses the following:

- The nature (e.g. document reviews, interviews) and scope of the audit;
- Responsible auditor;
- Selection criteria;
- Audit findings:
- Recommendations;
- Remedial action and associated responsibilities, timing and status; and
- Whether or not notice will be provided.

Topics common to all security audits are addressed on the general Instructions page for auditors at the front of the ICES Security Audit Log and Instructions Workbook. These topics include:

- The process, form and content for giving notice of a planned audit;
- Content and responsibility for maintaining audit files;
- Location of audit files;
- Responsibility for making and communicating audit findings and recommendations, and the timing, manner and content of those communications;
- Responsibility and a timeline for establishing and carrying out action plans to address recommendations;
- Responsibility and a timeline for monitoring the implementation and effectiveness of action plans;
- Approval and reporting of audit findings, which include a requirement to report high risk findings to ICES' Chief Executive Officer; and
- Timing and required documentation for closure of audit files.

The Instructions sheet also addresses maintenance of the Security Audit Log, including storage location of the log and audit files and auditors' responsibility for:

- Maintenance of the log;
- Communicating and tracking recommendations that arise from privacy audits;
- Documentation of audits.

Agents who conduct audits have a duty to report any breaches or suspected breaches detected at the first reasonable opportunity under ICES' Security Incident Management Policy and, as applicable ICES' Privacy Incident Management Policy.

16. Log of Security Audits

| APPLICATION | | |
|----------------------------|---|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Security Audit Log & Instructions | Implemented |
| | Workbook | · |
| | Workbook b. Security Audit Report Form | Implemented |

DESCRIPTION

ICES has a log and report forms that capture:

- Nature and type of audit;
- Completion date;
- Responsible auditor;
- Recommendations arising from the audit;
- · Agent responsible for addressing the recommendations;
- Date each recommendation was or is expected to be addressed; and
- The manner in which each recommendation was or is expected to be addressed.

17. Policy & Procedures for Information Security Breach Management

| APPLICATION | | | |
|----------------------------|---|-------------|--|
| Fully applicable ⊠ | Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicle(s) | Name | Status | |
| | a. Security Incident Management Policy | Implemented | |
| | b. Security Incident Log & Report Forms Workbook | Implemented | |
| | c. Privacy Incident Management Policy | Implemented | |
| | d. Privacy Incident Log & Report Forms Workbook | Implemented | |
| DESCRIPTION | | | |

DESCRIPTION

ICES' Security Incident Management Policy and associated procedures address the process to be followed for the identification, reporting, containment, notification, investigation and remediation of information security breaches.

The definition of information security breach is defined in the policy and includes contravention of ICES' security policies, procedures and practices.

Under the policy, every agent is required to report such events at the first reasonable opportunity. Events are considered detected and reportable, and subject to this policy and its associated procedures, once suspected.

Agents who detect or suspect an information security breach are required to report to ICES' Security Manager, or if the breach is detected an ICES Satellite, to the Local Privacy and Security Officer for that location. They are required to do so immediately. The policy stipulates that contact is to be made verbally, wherever practicable, and otherwise by email. In the absence of the Local Privacy and Security Officer at an ICES Satellite, reports should be made to ICES' Security Manager directly. The identity and contact information for ICES' Security Manager and the Local Privacy and Security Officers is provided, and accessible to all agents, on the Privacy & Legal Office page of ICES' intranet. The Security Manager or Local Privacy and Security Officer, as applicable, creates an entry for the report on the Security Incidents Log and establishes a file on the secure Information Security folder on the ICES network.

Under the procedures, Local Privacy and Security Officers are required to refer security breaches to the Security Manager for handling. The Security Manager is then required to launch a Security Breach Report Form and commence an investigation. The Form, which guides the investigation and must be completed, captures the date of the report, and whether or not any personal health information might be involved and the determination whether or not a security breach has, in fact, occurred. Where the initial investigation suggests that personal health information is involved, the Security Manager is required to refer the report to a Privacy SME for confirmation and potential handling. Where personal health information is, or is believed to have been, stolen, lost or accessed by unauthorized persons, the health information custodian or other organization that disclosed it to ICES will be notified at the earliest reasonable opportunity in accordance with ICES' Privacy Incident Management Policy and procedures.

The Security Manager is required to keep the Chief Privacy and Legal Officer apprised of the volume, nature and handling of security breaches through a weekly status report. Where the Security Manager judges a security breach has been caused by malfeasance or is otherwise significant for reasons of scale, scope or complexity or the potential to cause disruption, the Security Manager will report it to the Chief Privacy and Legal Officer immediately, who must evaluate and if the assessment is confirmed, notify ICES' Chief Executive Officer. Whether such reports are provided verbally or in writing depends on the complexity of the facts to be relayed, and is decided by the Chief Privacy and Legal Officer. The information provided to the Chief Executive Officer also includes the identity of any parties the Security Manager has identified who must be notified and, if any, a plan for how notice will be given. This is subject to the general requirement that notice to those parties should be given at the earliest reasonable opportunity.

The procedures stipulate that security breaches, including suspected breaches, be immediately contained by the Security Manager. The procedures specify the approach and objectives for containment. The containment measures must have regard to the systems and processes involved and what is required to prevent further harm. Containment must be as extensive, and last for as long, as reasonably required for this purpose, but no more. At a minimum, it must prevent further copying of affected, or other, information and, where containment involves destruction, ensure that this is carried out in a secure fashion and the date, time and method of destruction documented. The Security Manager is responsible for documenting decisions and containment activities in the Security Incident Report Form, and verifying compliance with the containment plans carried out by other agents.

The Security Manager is required to consider whether or not ICES has a duty to notify any third party, and if it has, prepare a written notification plan for review by the Chief Privacy and Legal Officer. The plan must take into account any particular arrangements relevant to notification contained in the data sharing agreement. It must also identify the appropriate ICES agent to deliver the notice and its format, the nature of any personal health information at issue, the measures that have been, and will be, implemented to contain the breach, including investigation and remediation. Where investigation determines that personal health information has been stolen, lost or accessed by unauthorized persons, the health information custodian that disclosed the information to ICES must be notified. Once the notification plan is approved, the Chief Privacy and Legal Officer is required to inform ICES' Chief Executive Officer within 30 days of detection and to ensure the plan is carried out and addresses all of the information identified in the plan.

Under the procedures, the Security Manager is required to commence an investigation once a breach has been contained. The objective is to gain a more precise understanding of the breach, including any personal health information involved, and identify the root cause(s) and measures to address them. The Security Manager is empowered to make whatever inquiries are reasonably required to achieve these objectives, which can include document review, interviews and physical inspections. All must be reflected in the Security Breach Report Form and supported by documentation, which must be saved to the incident file.

The Security Manager is responsible for communicating recommendations and working with agents to finalize action plans to address them. The Security Manager then reflects what has been agreed in a written plan, which is sent to the agent. This includes the names of those responsible as well as the timeline, which cannot exceed 45 days unless approved by the Chief Privacy and Legal Officer. It is the responsibility of the agents identified on the plan to assign others, as required, to carry it out; the Security Manager monitors to ensure compliance with the agreed timeline and reflects this in the Security Incidents Log.

Once all remedial action and notification are complete, the Security Manager ensures all supporting documentation is saved to the file, updates the Security Incident Report Form. Where the security breach also involved a privacy breach, the Security Manager sends a link to the Chief Privacy and Legal Officer to request approval to close the file. Once completed, the Form captures all the key facts associated with the security breach, including recommendations and their status. Once finalized, the Security Manager reflects this in the Security Incidents Log, which is maintained to track all security breaches and associated recommendations and timelines.

Compliance with the above policy and procedures is mandatory for all agents. Agents must notify ICES' Security Manager, or at an ICES Satellite the Local Privacy and Security Officer at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies or procedures in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources, in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

18. Log of Information Security Breaches

| APPLICATION | | | |
|----------------------------|---|-------------|--|
| Fully applicable ⊠ | Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICEC validada(a) | Name Status | | |
| ICES vehicle(s) | Name | Status | |
| ices venicie(s) | Security Incident Log & Report Forms Workbook | Implemented | |

ICES has defined a log and report form, which together capture:

- Date of the information security breach;
- Date the breach was identified or suspected;
- Nature of the personal health information, if any, involved;
- Nature and extent of the information security breach;
- · Containment date and measures;
- Date of any notifications to the health information custodian or other organization;
- Investigation complete date;
- Investigator name; and
- Resulting recommendations and action plans with responsible agents and date each recommendation was addressed.

Part 3 – Human Resources Documentation

1. Policy & Procedures for Privacy Training & Awareness

| APPLICATION | | | |
|----------------------------|--|-------------|--|
| Fully applicable | Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicle(s) | Name | Status | |
| , , | a. Privacy Awareness & Training Policy | Implemented | |
| | b. Privacy & Security Awareness Procedures | Implemented | |
| | c. Privacy & Security Awareness Log | Implemented | |
| | d. Privacy & Security Awareness Attendance Sheet | Implemented | |
| | Privacy & Security Awareness Requirements Table | Implemented | |
| | f. Privacy Consultation Log | Implemented | |
| | g. Internal Audit Policy | Implemented | |
| | h. Discipline & Corrective Action Policy | Implemented | |
| | Privacy Incident Management Policy | Implemented | |

DESCRIPTION

ICES' Privacy Awareness and Training Policy requires agents to comply with requirements established by the Chief Privacy and Legal Officer to create and sustain awareness of ICES' privacy policies, procedures and practices. At a minimum, these requirements include completion of initial privacy orientation prior to receiving access to personal health information, as well as participation in ongoing privacy awareness initiatives, including annual privacy training, which are devised by the Chief Privacy and Legal Officer to meet the objectives of the policy.

Associated procedures assign responsibility to an ICES Privacy SME for delivering initial privacy orientation. Responsibility for notifying ICES' Privacy and Legal Administrator to schedule orientation depends on the role of the incoming agent and is set out in ICES' Privacy and Security Awareness Requirements Table, which is published and available for ongoing reference within ICES on the ICES intranet. Notification must be provided by email at the commencement of the agent's employment or contractual relationship with ICES.

The content of the initial privacy orientation is prescribed. Under the policy, the initial orientation must address:

- ICES' responsibilities arising from its designation under s. 45(3) of PHIPA;
- Types and sources of personal health information collected by ICES;
- Purposes for which ICES collects personal health information, and associated legal authorities and obligations;
- Limits on access to and use of personal health information at ICES;
- Responsibility and the procedure for handling privacy inquiries and complaints;
- Responsibility and the procedure for handling requests to disclose personal health information;
- An overview of ICES' key privacy policies, procedures and practices, as well as administrative, technical
 and physical safeguards to protect personal health information against theft, loss and unauthorized use,
 copying, modification or disposal, and agents' role and responsibilities in upholding them;
- An overview of ICES' Privacy Incident Management Policy and the duties and responsibilities of agents in identifying, reporting, containing and participating in the investigation and remediation of privacy incidents and breaches (Duties include a mandatory requirement to provide notification of privacy incidents at the first reasonable opportunity and to comply with any instructions to facilitate their containment, investigation and remediation.);
- Consequences of breach;
- A description of ICES' privacy program and its management; and
- An overview of the applicable ICES Confidentiality Agreement, its purpose and key provisions.

The procedures require that the ICES Privacy SME assigned to deliver privacy orientation verify attendance on the Privacy and Security Awareness Attendance Sheet, the required content of which is defined in the attendance sheet, and then forward the attendance sheet to the Privacy and Legal Administrator. Referring to the attendance sheet, the Privacy and Legal Administrator records attendance in the Privacy and Security Awareness Log, the ongoing maintenance of which is specifically required by the policy and procedure. The Privacy and Legal Administrator is responsible for filing the attendance sheet. Where the attendance sheet shows an agent failed to attend privacy

orientation, the Privacy and Legal Administrator must, on the same day, follow up with the agent to reschedule

Ongoing, annual privacy training is handled as follows: No later than the first business day of each fiscal year, ICES' CEO sends annual e-training notification emails alerting ICES agents to complete e-training. E-training is completed through a training module hosted on ICES' learning management system, and completion is tracked automatically in the system and monitored by ICES' Compliance Analyst. The CEO (or designate within the CEO's office) sends final email reminder messages, where applicable, seven days prior to the e-training completion deadline. Failure to complete e-training by the deadline results in suspension of access to ICES systems. Completion of e-training by a new specified deadline is then required to regain access. If e-training is not completed by the new specified deadline, and no arrangements have been made or approved to justify an extension, the CEO authorizes the ICES agent's supervisor to initiate off-boarding procedures.

The policy also stipulates that ICES' privacy awareness program include role-based information and training and mechanisms to sustain awareness and communicate significant changes. Significant changes include introduction of new privacy policies, procedures and practices and changes to them arising from the results of privacy impact assessments, privacy audits and monitoring, and privacy inquiries and complaints. The policy provides that mechanisms to sustain awareness will be delivered at least bimonthly, by the assigned Privacy SME, through means such as ICES staff meetings, ICES new sletters, policy and procedures update alerts on ICES' intranet, lunch and learns, privacy events and workshops, special speakers, and additional training which may include testing.

Compliance with the above policy and procedures is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

2. Log of Attendance at Initial Orientation and Ongoing Privacy Training

| APPLICATION | | |
|----------------------------|---|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy & Security Awareness Log | Implemented |
| | b. Privacy & Security Awareness Procedures | Implemented |
| | c. Privacy & Security Learning Management | Implemented |
| | System | |
| DESCRIPTION | | |

ICES has developed and maintains a Privacy and Security Awareness Log to track attendance at initial privacy orientation. The log includes the individual's name and attendance date. Use of the log is required under ICES' Privacy and Security Awareness Procedures.

To this point, ongoing awareness activities have been carried out and have been tracked. Annual privacy training through ICES' Privacy & Security Learning Management System, which is mandatory for all agents and subject to annual renewal, includes tracking of the agent's name and the attendance dates of the annual training, in order to monitor and enforce compliance.

3. Policy & Procedures for Security Training & Awareness

| APPLICATION | | |
|----------------------------|---|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Security Awareness & Training Policy | Implemented |
| | b. Privacy Awareness & Training Policy | Implemented |
| | c. Privacy & Security Awareness | Implemented |
| | Requirements Table | |

| | d. | Privacy & Security Awareness Attendance Sheet | Implemented |
|-------------|----|--|-------------|
| | e. | Privacy & Security Awareness Log | Implemented |
| | f. | Discipline & Corrective Action Policy | Implemented |
| | g. | Internal Audit Policy | Implemented |
| | h. | Security Incident Management Policy | Implemented |
| DECCRIPTION | | | |

ICES' Security Awareness and Training Policy requires agents to comply with requirements established by ICES' Security Manager to create and sustain awareness of ICES' security policies, procedures and practices. At a minimum, these requirements must include completion of initial security orientation prior to receiving access to personal health information as well as participation in ongoing security awareness initiatives, including annual security training, which are devised by the Security Manager, to meet the objectives of the policy.

Associated procedures assign responsibility to an ICES Privacy SME for delivering initial security orientation. Responsibility for notifying ICES' Privacy and Legal Administrator to schedule orientation depends on the role of the incoming agent and is set out in ICES' Privacy and Security Awareness Requirements Table, which is published and available for ongoing reference within ICES on the ICES intranet. Notification must be provided by email at the commencement of the agent's employment or contractual relationship with ICES. The policy specifies the standard information to be included in initial security orientation:

- An overview of ICES' key security policies, procedures and practices, and agents' roles and responsibilities in upholding them;
- Consequences of breach of the security policies, procedures and practices;
- A description of ICES' security program, including key activities of the program and the agents that have been delegated day-to-day authority to manage the security program;
- ICES' administrative, technical and physical safeguards for protecting information against theft, loss and unauthorized use, disclosure, copying modification or disposal;
- The duties and responsibilities of agents in upholding the administrative, technical and physical safeguards;
 and
- An explanation of ICES' policy and procedures for managing security breaches, and agents' duties and
 responsibilities in identifying, reporting, containing and participating in the investigation and remediation of
 information security breaches. Duties include a mandatory requirement to provide notification of actual or
 suspected security breaches at the first reasonable opportunity and to comply with any instructions to
 facilitate their containment, investigation and remediation.

The procedures require that the ICES SME Officer assigned to deliver security orientation verify attendance on the Privacy and Security Awareness Attendance Sheet, the required content of which is defined in the attendance sheet, and then forward the attendance sheet to the Privacy and Legal Administrator. Referring to the attendance sheet, the Privacy and Legal Administrator records attendance in the Privacy and Security Awareness Log, the ongoing maintenance of which is specifically required by the policy and procedures. The Privacy and Legal Administrator is responsible for filing the attendance sheet. Where the attendance sheet shows an agent failed to attend security orientation, the Privacy and Legal Administrator must, on the same day, follow up with the agent to reschedule orientation.

Ongoing, annual security training is handled as follows: No later than the first business day of each fiscal year, ICES' CEO sends annual e-training notification emails alerting ICES agents to complete e-training. E-training is completed through a training module hosted on ICES' learning management system, and completion is tracked automatically in the system and monitored by ICES' Compliance Analyst. The CEO (or designate within the CEO's office) sends final email reminder messages, where applicable, seven days prior to the e-training completion deadline. Failure to complete e-training by the deadline results in suspension of access to ICES systems. Completion of e-training by a new specified deadline is then required to regain access. If e-training is not completed by the new specified deadline, and no arrangements have been made or approved to justify an extension, the CEO authorizes the ICES agent's supervisor to initiate off-boarding procedures.

The policy stipulates that ICES' security awareness program include role-based information and training to ensure agents understand how to apply security policies, procedures and practices relevant to their roles. The policy also requires mechanisms to sustain awareness about and communicate significant changes to ICES' security program, including new security policies, procedures and practices and changes to them arising from the results of privacy impact assessments, security breaches and security audits including threat risk assessments, security

reviews or assessments, vulnerability assessments, penetration testing, ethical hacks and reviews of system control and audit logs. The policy provides that mechanisms to sustain awareness will be delivered at least bimonthly, by the assigned Security SME, through means such as ICES new sletters, policy and procedure update alerts on ICES' intranet, lunch and learns, events, online video training, and testing and simulation exercises (i.e. phishing and malw are simulations exercises.

Compliance with the above policy and procedures is mandatory for all agents. Agents must notify an ICES Security SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Security Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by the Security Manager and an audit schedule established under ICES' Internal Audit Policy.

4. Log of Attendance at Initial Security Orientation & Ongoing Security Training

| APPLICATION | | | |
|----------------------------|---|-------------------------|--|
| Fully applicable ⊠ | Qualified application (explain) | | |
| EXISTENCE & IMPLEMENTATION | | | |
| ICES vehicle(s) | Name | Status | |
| | a. Privacy & Security Awareness Log | Implemented | |
| | b. Privacy & Security Awareness | Implemented | |
| | Procedures | | |
| | c. Privacy & Security Learning | Implemented | |
| | Management System | | |
| | b. Privacy & Security Awareness Procedures | Implemented Implemented | |

DESCRIPTION

ICES has developed and maintains a Privacy and Security Awareness Log to track attendance at initial security orientation. The log includes the individual's name and attendance date. Use of the log is required under ICES' Privacy and Security Awareness Procedures.

To this point, ongoing awareness activities have been carried out and have been tracked. Annual security training through ICES' Privacy & Security Learning Management System, which is mandatory for all agents and subject to annual renewal, includes tracking of the agent's name and the attendance dates of the annual training, in order to monitor and enforce compliance.

5. Policy & Procedures for the Execution of Confidentiality Agreements by Agents

| APPLICATION | • | | |
|-------------------------------|---|-------------|--|
| APPLICATION | | | |
| Fully applicable ⊠ | Qualified application (explain) | | |
| EXISTENCE & IMPLEI | MENTATION | | |
| ICES vehicle(s) | Name | Status | |
| | a. Privacy Awareness & Training Policy | Implemented | |
| | b. Privacy & Security Awareness Procedures | Implemented | |
| | c. Privacy & Security Awareness Log | Implemented | |
| | d. Privacy & Security Awareness Requirements Table | Implemented | |
| | e. Privacy & Security Awareness Attendance Sheet | Implemented | |
| | f. Internal Audit Policy | Implemented | |
| | g. Discipline & Corrective Action Policy | Implemented | |
| DESCRIPTION | | | |

ICES' Privacy Awareness and Training Policy requires agents to sign a confidentiality agreement prior to being given access to data, including personal health information, and annually thereafter. Associated procedures and responsibilities are defined to support the execution of agreements. Under the procedures, a designated ICES agent must notify the Privacy and Legal Administrator to schedule privacy orientation and ensure an agreement is signed. Responsibility for providing notification depends on the role of the incoming agent and is set out in ICES' Privacy and Security Awareness Requirements Table, which is published and available for ongoing reference within ICES on the ICES intranet. Notification, whether provided by ICES' Science Office, a principal investigator or other

delegated person, or through ICES' onboarding system, must be provided by email at the commencement of the agent's employment or contractual relationship with ICES. Under the procedures, the ICES Privacy SME assigned to deliver initial privacy orientation must, at the time, obtain a signed agreement. The ICES Privacy SME must provide the signed agreement to the Privacy and Legal Administrator, who is responsible for filing the agreement and tracking it in the Privacy and Security Awareness Log. Where an agent fails to attend orientation and sign an agreement, the Privacy and Legal Administrator must, on the same day, contact the agent to reschedule orientation. An ICES Privacy SME is required to obtain a signed agreement at the time of delivering orientation.

The procedures set out the specified time each year when ICES' Chief Executive Officer must send out confidentiality agreement renewal notifications and the process to be followed where an agent fails to renew his/her agreement by the specified deadline.

Compliance with the above policy and procedures is mandatory for all agents. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with ICES' Chief Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

6. Template Confidentiality Agreement with Agents

| Qualified application (explain) | | |
|--|--|--|
| EXISTENCE & IMPLEMENTATION | | |
| Name | Status | |
| a. ICES Confidentiality Agreement (General) | Implemented | |
| b. ICES Confidentiality Agreement (Data Covenantor) | Implemented | |
| c. ICES Confidentiality Agreement (Abstractor) | Implemented | |
| d. ICES Collaborating Researcher NDA | Implemented | |
| | MENTATION Name a. ICES Confidentiality Agreement (General) b. ICES Confidentiality Agreement (Data Covenantor) c. ICES Confidentiality Agreement (Abstractor) | |

DESCRIPTION

ICES has defined a suite of template confidentiality agreements, which are required for all agents under ICES' Privacy Awareness Policy.

General Provisions

The templates describe ICES' status as a prescribed entity under PHIPA and its duties and responsibilities arising from that status. The templates state that the individuals executing the agreements are agents of ICES and outline the responsibilities that arise from this. These specifically include agents' duty to comply with PHIPA and its regulation in relation to ICES and the terms of the confidentiality agreement and any amendments to it. Agents are also required to agree to read and comply with the privacy and security policies, procedures and practices ICES has implemented as a prescribed entity and any amendments to them. They include a definition of personal health information that is consistent with PHIPA and its regulation.

Obligations with Respect to Collection, Use and Disclosure of Personal Health Information

The templates identify the purposes for which agents are permitted to collect, use and disclose personal health information on behalf of ICES and any associated conditions, limitations and restrictions. For example, ICES Abstractors are required to use any ICES equipment issued to them and abide by ICES instructions when they collect personal health information. ICES Data Covenantors, who collect and destroy personal health information, must do so in accordance with data sharing agreements. All versions prohibit agents from using personal health information except in accordance with the agreement or as required by law, more personal health information than is reasonably required to, or any personal information if other information will, serve the purpose. (Disclosure is permitted only in the template for ICES Data Covenantors).

Termination of the Contractual or Employment Relationship

The templates stipulate that agents must return all property of ICES, including records of personal health information, and all identification cards, access cards and/or keys, by the end of the last day of their relationship with ICES. In all cases, in accordance with ICES' Termination of Employment/Resignation and Discharge Policy, the templates stipulate that these be personally delivered to the agent's ICES supervisor.

Notification

In accordance with ICES' Privacy Incident Management Policy and ICES' Security Incident Management Policy, the templates require agents to notify ICES immediately of any breach or suspected breach of the agreement or ICES' privacy and security policies, procedures and practices, by the agent or any other party.

Consequences of Breach and Monitoring Compliance

The templates explicitly provide that failure to comply is grounds for discipline and may lead to termination of the agent's relationship with ICES. All reserve a right of audit by ICES, which agents must formally acknow ledge. They acknow ledge that ICES may request and inspect equipment used by them, logs and documents of any kind generated as result of their activities, and make such other inquiries as are reasonably required to confirm the agent's compliance with the agreement.

7. Log of Executed Confidentiality Agreements with Agents

| | , , | |
|----------------------------|---|-------------|
| APPLICATION | | |
| Fully applicable | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy & Security Awareness Log | Implemented |
| | b. Confidentiality Agreement/Conflict of Interest Renewal Database | Implemented |
| | c. ICES Abstractors Log | Implemented |
| DECODIDATION | | |

DESCRIPTION

ICES has defined the Privacy and Security Awareness Log to track the execution of initial confidentiality agreements. Under ICES' Privacy and Security Awareness Procedures, maintenance of the log is required and is the responsibility of the Privacy and Legal Administrator. Information captured in the log includes:

- Agent name;
- Date of employment or contractual relationship commencing; and
- Date initial agreement was signed.

The Manager, Executive Office & Research Administration is responsible for tracking annual renewal dates in the Confidentiality Agreement/Conflict of Interest Renewal Database. This log includes:

- Agent name; and
- Date agreement was signed.

With respect to ICES Abstractors, the applicable Research Project Manager is responsible for obtaining and tracking initial agreements and renewals. This log includes:

- Agent name;
- Date of employment or contractual relationship commencing; and
- Date initial agreement was signed.

8. Job Description for the Position(s) Delegated Day-to-Day Authority to Manage the Privacy Program

| APPLICATION | | |
|----------------------------|--|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Detailed Position Description – Chief Privacy and Legal Officer | Implemented |
| | b. Internal Audit Policy | Implemented |
| | C. Privacy Impact Assessment Policy | Implemented |
| DESCRIPTION | | |

ICES has developed a job description for the position of Chief Privacy and Legal Officer. The job description gives the Chief Privacy and Legal Officer authority to manage ICES' privacy program, reporting directly to ICES' Chief Executive Officer. The job description sets out the more detailed responsibilities and obligations of the Chief Privacy and Legal Officer, which include:

- Developing, implementing, reviewing and amending privacy policies, procedures and practices;
- Ensuring compliance with the privacy policies, procedures and practices implemented;
- Ensuring transparency of the privacy policies, procedures and practices implemented;
- Facilitating compliance with PHIPA and its regulation;
- Ensuring employees and agents are aware of PHIPA and its regulation and their duties under it;
- Ensuring employees and agents are aware of, and appropriately informed of their duties under, the privacy
 policies, procedures and practices implemented by ICES in support of its designation as a prescribed entity;
- Directing, delivering and ensuring the delivery of the initial privacy orientation and ongoing privacy training, and fostering a culture of privacy;
- Conducting, reviewing and approving privacy impact assessments;
- Receiving, documenting, tracking and investigating, remediating and responding to privacy complaints in accordance with IPC requirements;
- Receiving and responding to privacy inquiries in accordance with IPC requirements;
- Receiving, documenting, tracking, investigating and remediating privacy breaches and suspected privacy breaches in accordance with IPC requirements; and
- Conducting privacy audits in accordance with IPC requirements.

9. Job Description for the Position(s) Delegated Day-to-Day Authority to Manage the Security Program

| APPLICATION | | |
|----------------------------|---|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. ICES Position Description – Security Manager | Implemented |
| DESCRIPTION | | |

ICES has developed a job description for the position delegated day-to-day authority to manage the security program. The Security Manager reports to ICES' Chief Privacy and Legal Officer, who, in turn, reports to the Chief Executive Officer. The job description sets out the more detailed responsibilities and obligations of the Security Manager, which include:

- Developing, implementing, reviewing and amending security policies, procedures and practices;
- Ensuring compliance with the security policies, procedures and practices implemented;
- Ensuring agents are aware of the security policies, procedures and practices implemented, and are appropriately informed of their duties and obligations thereunder;
- Directing, delivering or ensuring the delivery of the initial security orientation and the ongoing security training and fostering a culture of information security awareness;
- Receiving, documenting, tracking, investigating and remediating information security breaches or suspected information security breaches pursuant to the ICES Security Incident Management Policy; and
- Conducting security audits pursuant to ICES' Internal Audit Policy and Security Audit Procedure.

10. Policy & Procedures for Termination or Cessation of the Employment or Contractual Relationship

| APPLICATION | | |
|----------------------------|---|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Termination of Employment Policy | Implemented |
| | b. Security Incident Management Policy | Implemented |
| | c. Privacy Incident Management Policy | Implemented |
| | d. Discipline & Corrective Action Policy | Implemented |

DESCRIPTION

ICES' Termination of Employment Policy requires agents to provide written notice of resignation to their manager before a specified time and their managers to, in turn, notify a Human Resources Associate.

The policy requires agents to securely return in person all ICES property on their termination date. ICES property is defined to include, but is not limited to, identification cards, access cards, and/or keys and copies of data including personal health information. ICES' Manager, Facilities & Administration must obtain from the agent any property consisting of identification cards, access cards, and/or keys, and must maintain a record of items returned. The assigned IT staff are responsible for obtaining from the agent any property consisting of mobile media or devices, which may contain copies of personal health information, and to maintain a record of items returned. The agent's manager is required to obtain other ICES property, including copies of personal health information associated with ICES projects. If any property is not returned on the termination date, the policy requires a Human Resources Associate to take steps immediately to engage the agent and obtain the property.

Under the policy, within one week of the agent's termination date, the assigned Human Resources Associate must provide written notification of the agent's termination to ICES' Manager, Facilities & Administration and IT Department. On the termination date, the Manager, Facilities & Administration must terminate physical access to ICES and the designated IT staff must remove access to ICES-controlled information systems.

Compliance with the above policy is mandatory for all agents. Agents must notify an ICES Security SME and/or an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policy or procedures, in accordance with ICES' Security Incident Management Policy and/or ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Director, Human Resources in consultation with the Senior Director, Information Technology, Finance and Corporate Projects, Senior Director, Research and Data or Chief Privacy and Legal Officer, as applicable, under ICES' Discipline and Corrective Action Policy. Compliance is subject to audit by ICES' Director, Human Resources or the assigned Human Resources Associate under ICES' Termination of Employment Policy.

11. Policy & Procedures for Discipline & Corrective Action

| APPLICATION | | |
|----------------------------|---|-----------------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| | | |
| ICES vehicle(s) | Name | Status |
| ICES vehicle(s) | Name a. Discipline & Corrective Action Policy | Status Implemented |

ICES' Discipline and Corrective Action Policy addresses discipline and corrective action with respect to agent misconduct involving personal health information. In cases of misconduct involving personal health information, the policy assigns responsibility to the agent's manager, the Director, Human Resources and the Chief Privacy and Legal Officer for conducting investigations. The policy identifies the documentation that must be completed by the Director, Human Resources or the assigned Human Resources Associate, and its contents. Results of the investigation must be provided to the agent who has committed the misconduct, where applicable.

The types of discipline and corrective action that may be imposed and the factors that must be considered in determining the appropriate discipline and corrective action are set out in the policy. Under the policy, the Director, Human Resources, in consultation with the Chief Privacy and Legal Officer, must determine the appropriate type of discipline or corrective action to be imposed, up to and including termination. The policy requires the assigned Human Resources Associate to retain documentation related to the misconduct and the discipline imposed or corrective action taken in the agent's human resources file.

Part 4 – Organizational & Other Documentation

1. Privacy Governance & Accountability Framework

| APPLICATION | | |
|----------------------------|---------------------------------|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Privacy Policy | Implemented |
| DESCRIPTION | | |

DESCRIPTION

policy.

ICES' Privacy Policy includes the following provisions to enable compliance with PHIPA and its regulation and compliance with ICES' privacy policies, procedures and practices addressed in this report. These include:

- Ultimate accountability of ICES' Chief Executive Officer;
- Identification of the Chief Privacy and Legal Officer as the position with day-to-day responsibility for privacy, who reports to and is overseen by the Chief Executive Officer;
- Identification of the role of, and requirement to appoint, privacy SMEs at ICES' main location and each ICES expansion site, who manage privacy under the oversight of ICES' Chief Privacy and Legal Officer;
- The oversight role of the Finance, Audit and Risk Committee of ICES' Board of Directors in relation to the privacy program; and
- The requirement that ICES' Chief Executive Officer report privacy breaches and privacy complaints to the Finance, Audit and Risk Committee, and submit to that committee each year a written update that addresses initiatives undertaken by the privacy program, including privacy training, the development and implementation of privacy policies, procedures and practices, and privacy audits and privacy impact assessments and resulting recommendations and their status.

This policy stipulates that the policy, including the description of ICES' privacy governance and accountability framework it contains, must be published on the ICES intranet and addressed in privacy training, which is mandatory for all agents of ICES.

2. Security Governance & Accountability Framework

| APPLICATION | | |
|----------------------------|---|-------------|
| Fully applicable 🛛 | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Security Framework & Governance Policy | Implemented |
| DESCRIPTION | | |

ICES' Security Framework and Governance Policy ensures compliance with ICES' security policies, procedures and practices and with PHIPA and its regulation. Under the policy, ICES' Chief Executive Officer has ultimate accountability for ensuing personal health information is protected and agents comply with ICES' security policies, procedures and practices. The policy identifies the positions at ICES with day-to-day authority to manage the information security and physical security programs, and their associated responsibilities and reporting relationships with ICES' Chief Executive Officer. Other ICES agents who support the security program are also identified in the

The policy designates the Finance, Audit and Risk Committee of ICES' Board of Directors to oversee security at ICES. Designated security SMEs are required to provide annual updates through a written report to this committee. The report is required to contain information about initiatives undertaken by the security program, including training and policy development, as well as security audits and any security breaches investigated, including the results and any recommendations arising from the audits or breach investigations and the implementation status of the recommendations. The method by which the policy must be communicated to agents, and responsibility for communication, are stipulated in the policy.

3. Terms of Reference for Committees with Roles with Respect to the Privacy Program &/or Security Program

| APPLICATION | |
|------------------|---------------------------------|
| Not applicable ⊠ | Qualified application (explain) |

| EXISTENCE & IMPLEMENTATION | | |
|----------------------------|--|-------------|
| ICES vehicle(s) | Name | Status |
| | a. Finance, Audit & Risk Committee Terms of Reference | Implemented |
| DECODIDATION | | |

ICES' privacy and security programs are overseen by a committee of ICES' Board of Directors. Terms of reference for ICES' Finance, Audit and Risk Committee identify the mandate and responsibility of that committee in respect of ICES' privacy and security programs. They require that:

- The committee be comprised of at least three individuals, all of whom are members of the ICES' Board of Directors;
- The ICES' Board of Directors appoint one of the committee members as chair of the committee; and
- The committee review annual written reports prepared by ICES' Chief Privacy and Legal Officer, as well as reports of any privacy and security audits and breaches and the sufficiency of associated remedial

In addition, the terms of reference require that all meetings of the committee be minuted, and once approved by it, circulated to ICES' Board of Directors. The committee is required to convene at least three times each year. No additional reports are required.

4. Corporate Risk Management Framework

| APPLICATION | | |
|---|--|-------------|
| Fully applicable | Qualified application (explain) | |
| EXISTENCE & IMPLE | MENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Risk Management Policy | Implemented |
| | b. ICES Risk Management Framework & Procedure | Implemented |
| | c. ICES Corporate Risk Register Implemented | |
| As of September 2020 ICES is in the process of revising its enterprise risk management framew ork and supporting policy, procedure and register, with assistance from a risk management consultant, to incorporate risk-management best practices. The revised framew ork is being piloted, and implementation will occur over the next several months, and will involve training and integration across ICES departments. The revised framew ork will continue to comply with the IPC Manual requirements. | | |
| DESCRIPTION | | |

ICES has defined a comprehensive and integrated enterprise risk management framework to identify, assess, mitigate and monitor risks, including risks that may negatively affect its ability to protect the privacy of individuals whose personal health information is received and to maintain the confidentiality of that information.

Under ICES' Risk Management Framework and Procedure, the Chief Privacy and Legal Officer is responsible for the identification and mitigation of risks that may negatively affect ICES' ability to protect the privacy of individuals whose personal health information is received and to maintain the confidentiality of that information. The Chief Privacy and Legal Officer may involve others, as relevant, including, for example, ICES' Operations Team, in the identification and documentation of risks. A Risk Documentation Form has been defined and is set out in an appendix to the Risk Management Framework and Procedure. The Chief Privacy and Legal Officer is required to use this form to document risks (or where a risk has been identified by another person, assist them in doing so), and file a copy of the completed form with ICES' Senior Director, Information Technology, Finance and Corporate Projects.

The Risk Documentation Form guides and documents the ranking and assessment of the likelihood and potential impact of a risk in accordance with criteria that are defined in ICES' Risk Management Framework and Procedure.

ICES' Risk Management Framework and Procedure makes the Chief Privacy and Legal Officer responsible for ensuring any actual or potential risks to privacy are mitigated, and sets out the process to be followed and the criteria that must be considered in doing so. The Chief Privacy and Legal Officer's responsibilities specifically include assigning agents to implement mitigation strategies, establishing timelines, and monitoring to ensure that mitigation strategies have been implemented. All must be recorded on the Risk Documentation Form.

ICES' Risk Management Framework and Procedure requires the Senior Director, Information Technology, Finance and Corporate Projects to maintain a risk register to document the results of ICES' risk management process, including risks that may negatively affect ICES' ability to protect privacy and the confidentiality of personal health information. ICES' Corporate Risk Register, which is maintained by the Senior Director, Information Technology, Finance and Corporate Projects, captures the risks identified and their assessment, as well as the strategies to mitigate them and their status. The Senior Director, Information Technology, Finance and Corporate Projects is required to present the register to ICES' Executive and management committees, as well as to the Finance, Audit and Risk Committee of ICES' Board of Directors, on a quarterly basis. The Finance, Audit and Risk Committee, which has ultimate responsibility for risk management, must approve the register and make a report to the Board of Directors.

The Risk Management Framework and Procedure also calls for the ongoing review of ICES Corporate Risk Register. The Senior Director, Information Technology, Finance and Corporate Projects and Chief Privacy and Legal Officer are jointly responsible for ensuring new risks are added to the register when they are identified, and for continuously monitoring to ensure deadlines are managed.

Finally, the Risk Management Framework and Procedure is explicitly integrated into ICES' policies, procedures and practices, and into projects undertaken by or on behalf of ICES, as prescribed entity. It does this as follows: the Chief Privacy and Legal Officer is responsible for ensuring that all risks identified in ICES' Consolidated List of Recommendations, ICES' privacy and security breach policies, procedures and practices, and through the privacy impact assessments that must be conducted on any project, are subject to the risk management policy and procedures described in this section.

5. Corporate Risk Register

| APPLICATION | | |
|------------------------------|---------------------------------|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLE | ISTENCE & IMPLEMENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. ICES Corporate Risk Register | Implemented |
| DESCRIPTION | | |

ICES has a corporate risk register that identifies risks that may negatively affect ICES' ability to protect the privacy of individuals whose personal health information it collects and to maintain the confidentiality of that information. For each risk identified, the register provides an assessment of the risk, a ranking of the risk, a mitigation strategy to reduce the likelihood of the risk occurring and/or to reduce the impact of the risk if it does occur, the date the mitigation strategy was or is required to be implemented, and the agent responsible for implementation of the mitigation strategy.

6. Policy & Procedures for Maintaining a Consolidated Log of Recommendations

| APPLICATION | | |
|----------------------------|---|-------------|
| | Qualified application (avalain) | |
| / 11 | Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Internal Audit Policy | Implemented |
| | b. Consolidated Log of Recommendations | Implemented |
| | | |

ICES maintains a consolidated log of recommendations arising from privacy impact assessments, privacy audits, security audits, the investigation of privacy breaches and complaints, the investigation of security breaches, and recommendations arising from reviews of the Information and Privacy Commissioner of Ontario. The log is maintained by a Privacy SME and the Security Manager under the direction of ICES' Chief Privacy and Legal Officer. The log is updated and reviewed at bi-weekly meetings of the Privacy and Legal team and reviewed monthly with ICES' President and Chief Executive Officer.

Compliance with the policy is mandatory. Agents must notify an ICES Privacy SME at the first reasonable opportunity if they breach, or believe there has been a breach of, the policies, in accordance with ICES' Privacy Incident Management Policy. Violations including breach are subject to a range of disciplinary actions, including warning, temporary or permanent loss of access privileges, legal sanctions and termination of employment or contract with ICES. Disciplinary actions are enforced by ICES' Directory, Human Resources in consultation with ICES' Chief

Privacy and Legal Officer under ICES' Discipline and Corrective Action Policy. Compliance is subject to annual audit by an ICES Privacy SME and an audit schedule established under ICES' Internal Audit Policy.

7. Consolidated Log of Recommendations

| APPLICATION | | |
|--------------------|--|-------------|
| Fully applicable ⊠ | Qualified application (explain) | |
| EXISTENCE & IMPLE | ENCE & IMPLEMENTATION | |
| ICES vehicle(s) | Name | Status |
| | a. Consolidated Log of Recommendations | Implemented |
| DESCRIPTION | | |

ICES maintains a consolidated log of recommendations. The log captures recommendations arising from privacy impact assessments, privacy audits, security audits, the investigation of privacy breaches and complaints, the investigation of security breaches, and recommendations arising from reviews of the Information and Privacy Commissioner of Ontario. The log identifies the name and file number for each item on the log, the date of the document from which the recommendation arose, the recommendation, the manner for addressing the recommendation, the date on which recommendations were addressed and the responsible agent.

8. Business Continuity & Disaster Recovery Plan

| APPLICATION | | |
|----------------------------|---|-------------|
| Fully applicable ⊠ | licable 🖂 Qualified application (explain) | |
| EXISTENCE & IMPLEMENTATION | | |
| ICES vehicle(s) | Name | Status |
| | a. Information Technology Business | Implemented |
| | Continuity and Disaster Recovery Plan | |

DESCRIPTION

ICES' Information Technology Business Continuity and Disaster Recovery Plan has been defined and implemented to protect and ensure the continued availability of ICES' technology environment in the event of short and long-term business interruptions, and in the event of threats to its operating capabilities, including natural, human, environmental and technical interruptions and threats.

The Plan requires employees and agents who detect an interruption or threat to report it to ICES' IT Helpdesk, and stipulates the information that must be provided. The report should be made as soon as possible and in any event within one hour of detection. The IT Helpdesk employee who receives the report is required to document it in the Helpdesk ticketing system, and assign the appropriate priority classification under ICES' Helpdesk Service Standard. Any threat assessed as having the potential to cause a business interruption of more than 24 hours trigger notice to the IT Manager and Director, who activate the Plan.

Once activated, the Plan calls for assembly of a Threat Assessment Team, who must complete an initial assessment of the severity of the interruption or threat within 24 hours. The composition of the team is set out in the Plan, as are the assessment criteria and process. Where severity is assessed as medium or high, the team is required to consult. The Plan identifies by role the agents who must be consulted in all cases, which include ICES' Executive Committee, and provides a framework for determining any additional roles who must be notified, based on the nature of the threat. It also provides, and assigns responsibility, for the development and maintenance of contact lists that collectively enable notification of all agents, service providers, stakeholders and other persons and organizations, as required.

The Threat Assessment Team is then responsible for conducting a detailed assessment to evaluate the extent of the damage and recovery effort. The Plan sets out the manner in which the assessment is required to be conducted, the agents who must be consulted, and the criteria that must be considered.

The Plan then calls for assembly of a Service Recovery Team, who are responsible for resumption and recovery. The composition of the team is set out in the Plan, as are the recovery process, criteria for prioritizing the recovery, and recovery time objectives.

Throughout, the Plan addresses documentation, communication and reporting and associated roles and responsibilities. The Threat Assessment Team and Service Recovery Team are required to document all decisions and actions in the Helpdesk ticketing system, which is also used for communication. The IT Manager is required to provide a report to ICES' Executive, the content of which is stipulated in the Plan.

The IT Manager is responsible for developing and maintaining an inventory of all critical applications and business functions and of all hardware and software, software licences, recovery media, equipment, system network diagrams, hardware configuration settings, configuration settings for database systems and network settings for firewalls, routers, domain name servers and email servers. The IT Manager is also required to determine criticality of all of the above in consultation with ICES' Executive, against criteria that are set out in the Plan.

Testing and maintenance of the Plan is also addressed. The IT Director is responsible for ensuring the Plan is annually tested, maintained and assessed for effectiveness, and amended as warranted with the approval of the Senior Director, Information Technology, Finance and Corporate Projects. The procedures for these activities are all set out in the Plan.

The IT Director is responsible for communicating the Plan and any amendments to it. This specifically includes responsibility for directly communicating the Plan to ICES' Executives by email, members of the Threat Assessment Team and Service Recovery Team, and other agents identified in the Plan. In addition, the IT Director is required to ensure a copy of the Plan is posted to the ICES intranet.

C. Privacy, Security & Other Indicators

Part 1 - Privacy Indicators

General Privacy Policies, Procedures & Practices

| Privacy Indicator | Assessment |
|--|--|
| Dates privacy policies and procedures were reviewed | See Appendix A (p. 91-99) for details. |
| since prior IPC review | |
| Whether amendments were made to existing privacy | |
| policies and procedures as a result of the review, and a | |
| list and description of each | |
| Whether new privacy policies and procedures were | |
| developed and implemented as a result of the review, | |
| and description of each | |
| Date each amended and newly developed privacy | |
| policy and procedure was communicated, and nature of | |
| communication | |
| Whether communication materials available to public | |
| and other stakeholders were amended as a result of the | |
| review, and description of amendments | |

Collection

| Collection | | | |
|---|---|--|--|
| Privacy Indicator | Assessment | | |
| Number of data holdings that contain personal health | Total data holdings: 96. This number includes data | | |
| information | holdings that contain personally identifiable information | | |
| | including but not limited to personal health information. | | |
| Number of statements of purpose for data holdings that | Total statements of purpose: 96. This number includes | | |
| contain personal health information | statements of purpose for data holdings that contain | | |
| | personally identifiable information including but not | | |
| | limited to personal health information. | | |
| Number and list of statements of purpose reviewed | Total statements of purpose reviewed: 96 | | |
| since the last IPC review | | | |
| | See Appendix B (p. 100-128) for a list of statements of | | |
| | purpose review ed since the last IPC review. | | |
| Whether amendments were made to existing | The statements of purpose associated with the data | | |
| statements of purpose as a result of the review, and a | holdings listed below were amended to permit use and | | |
| list of those statements of purpose with a description of | disclosure for research by third party researchers: | | |
| amendments made | | | |
| | Cardiac & Vascular Registry Data | | |
| | Home Care Database | | |
| | Resident Assessment Instrument - Contact Assessment | | |
| | Resident Assessment Instrument - Home Care | | |

Use

| Privacy Indicator | Assessment |
|---|--|
| Number of agents granted approval to access and use personal health information for non-research purposes | Total agents granted approval: 51. This includes access and use by ICES Abstractors and ICES Data Covenantors, who are the only agents at ICES authorized to access and use personal health information with direct personal identifiers. Otherwise ICES agents are permitted access to and use of coded information only. |
| Number of requests received for use of personal health information for research since prior IPC | ICES has no record of requests received for use of personal health information for research. |
| Number of requests for use of personal health information for research purposes that were granted and that were denied since prior IPC review | ICES has no record of requests granted or declined. |

Disclosure

| Privacy Indicator | Assessment |
|---|--|
| Number of requests for disclosure of personal health | Total requests: 5 |
| information for non-research purposes since prior IPC | |
| review | |
| Number of requests for disclosure of personal health | All 5 requests w ere granted. |
| information for non-research purposes that were | |
| granted or denied since prior IPC review | |
| Number of requests for disclosure of personal health | Total requests: 110 |
| information for research since prior IPC review | |
| Number of requests for disclosure of personal health | Total requests granted: 106 |
| information for research that were granted or denied | Total requests denied: 0 |
| since prior IPC review | Decision pending: 4 |
| Number of research agreements executed with | Total agreements: 101 |
| researchers to whom personal health information was | |
| disclosed since the prior IPC review | 5 agreements aw ait signature prior to disclosure. |
| Number of requests for disclosure of de-identified | Total requests: 1 |
| and/or aggregate information for research and other | |
| purposes since prior IPC review | |
| Number of acknowledgements or agreements executed | Total agreements: 1 |
| by persons to whom de-identified and/or aggregate | |
| information was disclosed for both research and other | |
| purposes since prior IPC review | |

Data Sharing Agreements

| Privacy Indicator | Assessment | |
|--|--|--|
| Number of DSAs executed for collection of personal health information since prior IPC review | Total DSAs: 1108. This includes DSAs established for collection of personally identifiable information including but not limited to personal health information. | |
| Number of DSAs executed for disclosure of personal health information since prior IPC review | Total DSAs: 5 | |

Agreements with Third Party Service Providers

| Privacy Indicator | Assessment |
|--|---------------------|
| Number of agreements executed with third party | Total agreements: 1 |
| service providers with access to personal health | |
| information since prior IPC review | |

Data Linkage

| Privacy Indicator | Assessment |
|---|---|
| Number and list of data linkages of personal health | Total linkages: 1484 |
| information approved since prior IPC | See Appendix C (p. 129-340) for a list and details. |

Privacy Impact Assessments

| Privacy Indicator | Assessment |
|-------------------------------------|------------------|
| Number and a list of PIAs completed | Total number: 96 |

| | See Appendix D (p. 341-373) for a list and details. |
|---|--|
| Number and a list of PIAs undertaken but not completed | Total number: 26 (35 excluding those 9 not required), |
| ' | See Appendix D (p. 341-373): PIA #s 43, 44, 51, 60, |
| | 61, 62, 63, 66, 73, 74, 80, 91, 94, 96, 100, 106, 111, 115, 117, 118, 123, 124, 126, 128, 129, 130 |
| Number and a list of PIAs not undertaken but for which | Total number: 0 |
| a PIA will be completed and the proposed date of completion | |
| Number of determinations made that a PIA is not required, and for each the reason | Total number of PIAs that were determined not required: 9 |
| | See Appendix D (p. 339-371) for more information including data holding, information system, technology or program at issue. |
| | Affected PIA #s and reasons: |
| | 10 - Request withdrawn |
| | 11 - Request withdrawn |
| | 14 - Request withdrawn |
| | 25 - Deemed n/a |
| | 27 - Request withdrawn |
| | 31 - Request withdrawn |
| | 82 - Request withdrawn |
| | 88 - Request withdrawn |
| | 105 - Deemed n/a |
| Number of PIAs reviewed | Total number: 0 |

Privacy Audit Program

| Privacy Indicator | Assessment |
|--|--|
| Dates of audits of agents granted approval to access | See Appendix E (p. 374-377) for details. |
| and use personal health information since prior IPC | |
| review and for each audit: | |
| A description of each recommendation; | |
| Date each recommendation was addressed or is | |
| proposed to be so; and | |
| Manner each recommendation was, or is proposed to | |
| be, addressed | |
| Number and list of all other privacy audits since prior IPC review and for each audit: | See Appendix E (p. 374-377) for details. |
| iPC review and for each audit. | |
| Description of nature and type of audit; | |
| Completion date; | |
| Description of each recommendation; | |
| Date each recommendation was, or is proposed to be, | |
| addressed; | |
| Manner in which each recommendation was, or is | |
| proposed to be, addressed | |

Privacy Breaches

| Privacy Indicator | Assessment |
|---|------------------|
| Number of privacy breaches since prior IPC review | Total number: 12 |

| Date notified | See Appendix F (p. 378-384) for details. |
|---------------------|--|
| Extent | |
| Internal/external | |
| Nature & extent | |
| CEO notified | |
| Containment | |
| Containment date | |
| Third party notice | |
| Investigation start | |
| Investigation close | |
| Recommendations | |
| Implemented | |
| | |

Privacy Complaints

| Privacy Complaints | |
|---|---|
| Privacy Indicator | Assessment |
| Number of privacy complaints since prior IPC review | ICES has not received any privacy complaints since the last IPC review. |
| Of the privacy complaints received, the number investigated since prior IPC review and for each the: | ICES has not received any privacy complaints since the last IPC review. |
| Date complaint received; Nature of complaint; Date investigation commenced; Date of letter to individual who complained in relation to the commencement investigation; Date investigation completed; Description of each recommendation; Date each recommendation was, or is proposed to be, addressed; Manner each recommendation was, or is proposed to be, addressed; and Date of letter to individual who complained describing nature and findings of investigation and measures taken | |
| Of the privacy complaints received, the number not investigated since prior IPC review and for each the: | ICES has not received any privacy complaints since the last IPC review. |
| Date complaint received; Nature of complaint; and Date of letter to individual who complained and description of letter's content | |

Part 2 – Security Indicators

General Security Policies, Procedures & Practices

| Security Indicator | Assessment |
|--|--|
| Dates security policies and procedures were reviewed | See Appendix G (p. 385-388) for details. |
| since prior IPC review | |
| Whether amendments were made to existing security | |
| policies and procedures as a result of the review, and a | |
| list and description of each | |
| Whether new security policies and procedures were | |
| developed and implemented as a result of the review, | |
| and description of each | |
| Date each amended and newly developed security | |
| policy and procedure was communicated, and nature of | |
| communication | |
| Whether communication materials available to public | |
| and other stakeholders were amended as a result of the | |
| review, and description of amendments | |

Physical Security

| . Hyerean eccurry | |
|---|--------------------------------------|
| Security Indicator | Assessment |
| Dates of audits of agents granted approval to access the premises and locations within them where personal health information is retained since the prior IPC review: | See Appendix H (p. 389) for details. |
| Description of each recommendation; Date recommendation was, or is proposed to be, addressed; Manner in which recommendation was, or is proposed | |
| to be, addressed | |

Security Audit Program

| Security Indicator | Assessment |
|---|---|
| Dates of review of system control and audit logs since prior IPC review and description of findings | Logs are configured to be, and are, captured each business day. |
| | Due to obsolescence of ICES' security event and information management system during the review IPC review period, logs were not able to be reviewed in a systematic or meaningful manner. ICES' proposed approach to address this is as follows. |
| | Procurement and implementation of a new security event and information system in 2020. |
| | Use of a third party security operation service or dedicated cybersecurity analyst to monitor and review the logs commencing in 2020. |
| Number and list of security audits since prior IPC review and for each: | See Appendix I (p. 390-395) for details. |
| Description of nature and type of audit; Date completed; Description of each recommendation; Date recommendation was, or is proposed to be, | |
| addressed | |

| ation was, or is expected | |
|---------------------------|--|
| | |

Information Security Breaches

| Security Indicator | Assessment |
|--|--|
| Number of notifications of actual or suspected | Total security breaches: 0 |
| information security breaches since prior IPC review | Total security incidents: 7 |
| For each actual or suspected information security | See Appendix J (p. 396-399) for details. |
| breach: | |
| Date of notification: | |
| Extent of actual or suspected breach; | |
| Nature and extent of personal health information at | |
| issue; | |
| Date senior management notified; | |
| Containment measures; | |
| Date(s) containment measures implemented; | |
| Date(s) notification provided health information | |
| custodians or others; | |
| Date investigation commenced; | |
| Date investigation completed; | |
| Description of each recommendation; | |
| Date recommendation was, or is proposed to be, | |
| addressed; | |
| Manner in which recommendation was, or is proposed | |
| to be, addressed | |

Part 3 - Human Resources Indicators

Privacy Training & Awareness

| Human Passurase Indicator | Accomment |
|--|--|
| Human Resources Indicator | Assessment |
| Number of agents who have, and who have not, | Total orientations received: 564 |
| received initial privacy orientation since prior IPC review | Total orientations not received: 2 |
| Date of commencement of employment, contractual or | No agents have yet to receive initial privacy orientation. |
| other relationship for agents yet to receive initial privacy | The agents above who failed to attend orientation have |
| orientation and the scheduled orientation date | left ICES. |
| Number of agents who have, and who have not, | ICES launched formal annual privacy and security e- |
| attended ongoing privacy training each year since prior | learning in July of 2019. Prior to this, ongoing privacy |
| IPC review | and security awareness activities such as staff |
| | presentation and in-services had been carried but not |
| | consistently tracked. Since its launch date, 736 agents |
| | have completed privacy and security e-learning. 8 |
| | agents have yet to complete e-learning, and their |
| | accounts and access to any data, including personal |
| | health information, has been terminated until they |
| | complete e-learning. |
| Dates, number and description of privacy | E-New sletter: communication regarding parameters on |
| communications to agents since prior IPC review | use of Indigenous data and related identifiers (25 Apr |
| | 2017). |
| | E-New sletter: communication regarding a revision to |
| | ICES' Privacy Policy and link to resources on phishing |
| | (23 Jun 2017). |
| | E-New sletter: communication regarding revisions to |
| | ICES project PIA and associated procedure (10 Nov 2017). |
| | E-New sletter: communication regarding revisions to |
| | REB approval of ICES projects (28 Feb 2018). |
| | E-New sletter: communication regarding Privacy & Legal Office staff changes (28 Jun 2018). |
| | E-New sletter: communication regarding new project |
| | PIA completion module (12 Sep 2018). |
| | E-New sletter: communication new data use permission form (9 Nov 2018). |
| | E-New sletter: communication regarding revision to |
| | project PIA form (16 Nov 2018). |
| | Staff presentation: communication regarding |
| | substantially revised Remote Access Policy (12 Sep |
| | 2018). |
| | E-New sletter: communication regarding launch of new |
| | privacy and security e-learning course (7 Jun 2019). |
| | Staff presentation: communication regarding launch of |
| | new privacy and security e-learning course (11 Jun |
| | 2019). |

Security Training & Awareness

| gooding maining a raran onece | | | | | |
|--|---|--|--|--|--|
| Human Resources Indicator | Assessment | | | | |
| Number of agents who have, and who have not, | Total orientations received: 564 | | | | |
| received initial security orientation since prior IPC | Total orientations not received: 2 | | | | |
| review | | | | | |
| Date of commencement of employment, contractual or | No agents have yet to receive initial security orientation. | | | | |
| other relationship for agents yet to receive initial | The agents above who failed to attend orientation have | | | | |
| security orientation and the scheduled orientation date | left ICES. | | | | |
| Number of agents who have, and who have not, | ICES launched formal annual privacy and security e- | | | | |
| attended ongoing security training each year since prior | learning in July of 2019. Prior to this, ongoing privacy | | | | |
| IPC review | and security aw areness activities such as staff | | | | |
| | presentation and in-services had been carried but not | | | | |

| | consistently tracked. Since its launch date, 736 agents have completed privacy and security e-learning. 8 agents have yet to complete e-learning and their accounts and access to any data, including personal health information, has been terminated until they complete e-learning. |
|--|---|
| Dates and number of security communications to agents since prior IPC review | E-New sletter: communication regarding resources on phishing (23 Jun 2017). Staff presentation: communication regarding substantially revised Remote Access Policy (12 Sep 2018). Various email communications, Intranet postings and two staff presentations (attendance was optional) relating to general security awareness from spotting phishing emails to understanding hacking threats occurred during the month of Oct 2019 in recognition of International Security Month. |

Confidentiality Agreements

| John demanty Agreements | |
|---|--|
| Human Resources Indicator | Assessment |
| Number of agents who have, and who have not, signed confidentiality agreements each year since prior IPC review | Total agreements signed including initial and annual agreements: |
| Teview | (November 1, 2016 - March 31, 2017): 89 (April 1, 2017 - March 31, 2018): 739 (April 1, 2018 - March 31, 2019): 850 |
| | (April 1, 2019 - October 31, 2019): 804 |
| | Total annual agreements not signed: (November 1, 2016 - March 31, 2017): 0 |
| | (April 1, 2017 - March 31, 2018): 0 (April 1, 2018 - March 31, 2019): 2 |
| | (April 1, 2019 - October 31, 2019): 1 |
| Date of commencement of employment, contract or other relationship for agents yet to execute confidentiality agreements and date agreement must be executed | April 1, 2018 - March 31, 2019): 2 agreements were not signed by ICES Abstractors whose relationship with ICES each commenced 18 May 2018. They are no longer at ICES. |
| | (April 1, 2019 – October 31, 2019): 1 agreement was not signed by an agent who started on 6 Feb 2018 because of a leave of absence. This agent must renew the agreement on return to ICES. |

Termination or Cessation

| Human Resources Indicator | Assessment |
|---|--|
| Number of notifications from agents since prior IPC | Total notifications: 321 |
| review for termination of their employment, contractual | |
| or other relationship | This number reflects all terminations whether or a not |
| | they involved notification from the agents. |

Part 4 – Organizational Indicators

Risk Management

| Nisk Wallagement | |
|--|---|
| Organizational Indicator | Assessment |
| Dates corporate risk register was reviewed since prior | 12 Jan 2017 |
| IPC review | 13 Apr 2017 |
| | 7 Jun 2017 |
| | 25 Sep 2017 |
| | 18 Jan 2018 |
| | 16 Apr 2018 |
| | 12 Jun 2018 |
| | 24 Sep 2018 |
| | 17 Jan 2019 |
| | 10 Apr 2019 |
| | 14 Jun 2019 |
| | 23 Sep 2019 |
| Whether amendments were made to the corporate risk | No amendments were made to the risk register as a |
| register as a result of the review, and description of | result of the reviews. How ever, the risk register is |
| each | undergoing review to become a more mature and |
| | integrated risk management framew ork for the |
| | organization. The expected implementation date of the |
| | revised framew ork is early-to-mid 2020. |

Business Continuity & Disaster Recovery

| Organizational Indicator | Assessment |
|---|---|
| Dates business continuity and disaster recovery plan was tested since prior IPC review. | The plan was tested in Oct 2018. A component of the plan, specifically crisis communication, was tested in Dec 2019 and a more extensive test specifically of IT systems was carried out in Jan 2020. The next test is slated for completion in Dec 2020. |
| Whether amendments were made to business continuity disaster recovery plan as a result of testing, and description of each. | The 2018 test resulted in a minor adjustment to the order of operations and was reflected in the support documentation, specifically the technical workbook and communications framework. Tests conducted in 2020 did not result in any amendments. |

D. Sworn Affidavit

SWORN AFFIDAVIT

I, Dr. Michael Schull, Chief Executive Officer of the Institute for Clinical Evaluative Sciences (ICES), MAKE OATH AND SAY:

- ICES has in place policies, procedures and practices to protect the privacy of individuals whose
 personal health information is received and to maintain the confidentiality of that information.
- The policies, procedures and practices implemented by ICES comply with the Personal Health Information Protection Act, 2004 and the regulations thereto, as may be amended from time to time.
- The policies, procedures and practices implemented by ICES comply with the Manual for the Review
 and Approval of Prescribed Persons and Prescribed Entities that has been published by the Information
 and Privacy Commissioner of Ontario, as it may be amended from time to time.
- ICES has submitted a written report to the Information and Privacy Commissioner of Ontario in compliance with the Manual for the Review and Approval of Prescribed Persons and Entities.
- 5. ICES has taken steps that are reasonable in the circumstances to ensure compliance with the policies, procedures and practices implemented and to ensure that the personal health information received is protected against theft, loss and unauthorized use or disclosure and to ensure that records containing personal health information are protected against unauthorized copying, modification or disposal.

SWORN BEFORE ME

in the City of Toronto on 29 Oc;ober 2019.

Michael Schull Chief Executive Officer

ICES

Commissioner for Taking Affidavits

LEUC# 67999 B

E. Appendices

Appendix A - Privacy Policies & Procedures

| Name | Review Date(s) | Amendment/ New Documentation Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|--|-------------------|--|---|--------------------------------|----------------------------------|---|---|
| Privacy Policy | Mar-18 | Amendment | Names removed under required reviewers; titles updated; formatting changes | Mar-18 | Intranet posting | Yes | Refreshed public website privacy page |
| | Aug-19 | Amendment | Updated titles; changed to new template; revised information about ICES' status as a PE to s. 18(1) of O. Reg. 329/04 | Oct-19 | Intranet posting | Yes | Refreshed public website privacy page |
| Public website privacy page | Sep-19 | Amendment | Updated CPLO title | n/a | n/a | Yes | Public w ebsite privacy page updated |
| Privacy Information, | Mar-18 | Amendment | Names removed under required reviewers; titles updated; formatting changes | Mar-18 | Intranet posting | No | n/a |
| Inquiries & Complaints Policy | Jul-19 | Amendment | Moved to new policy template; titles updated | Jul-19 | Intranet posting | No | n/a |
| Privacy Inquiries & Complaints Procedures | May-19 | Amendment | Updated role names; added to new template | Jul-19 | Intranet posting | No | n/a |
| Privacy Inquiry & Privacy Complaints Log | Oct-19 | Amendment | Updated for role name changes | n/a | n/a | No | n/a |
| ICES Privacy Complaint Form | Oct-19 | Amendment | Added new logo | n/a | n/a | No | n/a |
| ICES Privacy Complaint Report | Oct-19 | Amendment | Added new logo | n/a | n/a | No | n/a |
| ICES Privacy Inquiry Report | Oct-19 | Amendment | Added new logo | n/a | n/a | No | n/a |
| Privacy Complaint Response 1 A | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| Privacy Complaint Response 1 B | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| Privacy Complaint Response 2 | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| Collection of Personally | Mar-18 | Amendment | Names removed under required reviewers; titles updated; formatting changes | Mar-18 | Intranet posting | No | n/a |

| Name | Review Date(s) | Amendment/ New Documentation Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|---|-------------------|--|--|--------------------------------|----------------------------------|---|---|
| Identifiable Information Policy | Jun-19 | Amendment | Moved to new policy template; titles updated; removed "for research purposes" under Policy Scope, as ICES collects PII for purposes beyond research | Jul-19 | Intranet posting | No | n/a |
| Collection of Personally Identifiable | Nov-16 | Amendment | Added Data Partnerships and Development among the group of recipients of signed DSA notifications for CUD/GUD. | Nov-16 | Intranet posting | No | n/a |
| Information Procedures | Jan-17 | Amendment | Updated Non-PII section to clarify responsibility of DQIM to import data collected pursuant to data sharing request form. | Jan-17 | Intranet posting | No | n/a |
| | Aug-19 | Amendment | Updated role titles and department names; updated responsibilities for communicating approval of PIAs and preparation of DSAs; revised "approval" to "assessment" regarding PIAs; updated requirement for PIA and DSA amendments when either specifies fewer variables than what is provided to ICES: updated processes for collection of PII for third party research | Oct-19 | Intranet posting | No | n/a |
| ICES Data Sharing Agreement (HIC) | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| ICES Data Sharing Agreement (Researcher) | Jun-19 | Amendment | Added information about destruction of indirect identifiers and derivatives of data collected | n/a | n/a | No | n/a |
| ICES Data Sharing Agreement (Researcher - Other Information) | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| ICES Data Sharing Agreement (Other Authority) | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |

| Name | Review Date(s) | Amendment/ New Documentation Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|---|-------------------|--|--|--------------------------------|----------------------------------|---|---|
| ICES Data Sharing Agreement (Researcher - PHI and Other information) | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| Privacy Impact Assessment Policy | Mar-17 | Amendment | Update role names | Mar-17 | Intranet posting | No | n/a |
| . 6.16 | Mar-18 | Amendment | Names removed under required reviewers; titles updated; formatting changes | Mar-18 | Intranet posting | No | n/a |
| | Jul-19 | Amendment | Moved to new policy template; titles updated | Jul-19 | Intranet posting | No | n/a |
| ICES Project PIA Form | May-19 | Amendment | Added section for Controlled Macros; revised several CUD to GUD | May-19 | Intranet posting | No | n/a |
| ICES Project PIA Review | Jun-17 | Amendment | Add capture of REB-approved retention timeframe to Privacy Officer review | Jun-17 | Intranet posting | No | n/a |
| Procedure | Oct-17 | Amendment | Changes in Project PIA mean more sections specified for PO to review, scale back to single PO review, communicate approval to helpdesk to initiate RAE updates. SharePoint now used for some document control. PCOA takes over creation of project folders | Oct-17 | Intranet posting | No | n/a |
| | Sep-18 | Amendment | Changes in Project PIA mean conditions for Controlled Macros must be verified; Program Leader approval is not required for amendments to Schedule 1, Part A; autoapproved amendments may be submitted directly to PLO; change in role titles | Sep-18 | Intranet posting | No | n/a |

| Name | Review Date(s) | Amendment/ New Documentation Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|--|-------------------|--|---|--------------------------------|----------------------------------|---|---|
| | Aug-19 | Amendment | Project PIAs and amendments requiring PLO review are submitted to the appropriate Research Program, not directly to PLO; revised "approval" of project PIAs and amendments to "review and assessment"; notification of completion of PLO review now provided by Privacy SME who reviews the forms rather than the PLA; distinguished between steps required for amendments involving PLO review and assessment, and amendments that require email notification only | Oct-19 | Intranet posting | No | n/a |
| ICES PIA Form - Data Holding | Jan-19 | Amendment | Added new logo | n/a | n/a | No | n/a |
| ICES PIA Form - Service Provider | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| ICES PIA Form - General | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| ICES PIA Form - Data Disclosure | Jun-19 | No Amendment | None | n/a | n/a | No | n/a |
| Privacy Audit & Monitoring Policy | Mar-18 | Amendment | Names removed under required reviewers; titles updated; formatting changes | Mar-18 | Intranet posting | No | n/a |
| Folicy | May-19 | Decommissioned | Replaced, along with Security Audit & Monitoring Policy, with Internal Audit policy | May-19 | Intranet posting | No | n/a |
| | May-19 | New | Establishes systematic internal audit approach. Applies to Privacy, Security, Reactive, Compliance and Operational audits | May-19 | PLO meeting; intranet posting | No | n/a |
| Privacy | Oct-19 | No Amendment | None | n/a | n/a | no | n/a |
| Monitoring Log & Report Forms Workbook | Oct-19 | No Amendment | None | n/a | n/a | no | n/a |
| Privacy Audit Report Form Template | Oct-19 | No Amendment | n/a | n/a | n/a | No | n/a |

| Name | Review Date(s) | Amendment/ New Documentation Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|--|-------------------|--|--|--------------------------------|--|---|---|
| Privacy Incident Management Policy | Jul-19 | Amendment | Updates to department and role names; added new ICES logo | Jul-19 | Intranet posting | No | n/a |
| Privacy Incident Log & Breach Reports | Oct-19 | Amendment | Updated for role name changes | n/a | n/a | No | n/a |
| Protection of ICES Data Policy | Mar-18 | Amendment | Names removed under required reviewers; titles updated; formatting changes | Mar-18 | Intranet posting | No | n/a |
| , | Aug-19 | Amendment | Additional information about third party researchers added by DAS | Oct-19 | Intranet posting | No | n/a |
| Research Analytics Environment | May-17 | Amendment | Updated to provide more detail around transfer to PC (student transfers, file locations, distribution) | May-17 | Intranet posting | No | n/a |
| (RAE) | May-18 | Amendment | Updated to address free text data fields | May-18 | Intranet posting | No | n/a |
| | Dec-18 | Amendment | Explicitly permit use of email and prohibit use of file sharing platforms | Dec-18 | Intranet posting | No | n/a |
| | Feb-19 | Amendment | Explicitly prohibit transfer of individual-level data from RAE to LAN | Feb-19 | Intranet posting | No | n/a |
| | Jun-19 | Amendment | Update to new template | Jul-19 | Intranet posting | No | n/a |
| Privacy Aw areness & Training Policy | Mar-19 | Amendment | Included information about annual privacy & security e-learning module | Mar-19 | Intranet posting; PLO meeting; staff email | No | n/a |
| Privacy & Security Awareness | May-18 | Amendment | Define more robust processes for notification and suspension of individuals with outstanding annual confidentiality agreement renewals | May-18 | Intranet posting | No | n/a |
| Procedure | Aug-19 | Amendment | Inserted procedures to address completion and tracking of annual e-training | Aug-19 | Intranet posting; staff-wide meeting | No | n/a |
| Privacy Aw areness Requirements Table | Jul-19 | No Amendment | n/a | n/a | n/a | No | n/a |
| Privacy Aw areness Log | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |

| Name | Review Date(s) | Amendment/ New Documentation Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|--|-------------------|--|---|--------------------------------|---|---|---|
| Privacy & Security Aw areness Attendance Sheet | Oct-19 | No Amendment | None | n/a | n/a | no | n/a |
| ICES Confidentiality Agreement (General) | Apr-19 | Amendment | Updated department names | Apr-19 | Intranet posting | No | n/a |
| ICES Confidentiality Agreement (Abstractor) | Apr-19 | Amendment | Updated department names | Apr-19 | Intranet posting | No | n/a |
| ICES Confidentiality Agreement (Data Covenantor) | Apr-19 | Amendment | Updated department names | Apr-19 | Intranet posting | No | n/a |
| ICES Collaborating Researcher NDA | Mar-19 | Amendment | Added new logo | Mar-19 | Intranet posting | no | n/a |
| ICES NDA | Mar-19 | Amendment | Added new logo | Mar-19 | Intranet posting | No | n/a |
| Research Ethics Review Policy | Mar-18 | Amendment | Names removed under required reviewers; titles updated; formatting changes | n/a | n/a | No | n/a |
| | Feb-19 | Amendment | Removed requirement for annual retrospective approval of ICES Projects by Sunnybrook REB; clarified criteria for determining when ICES Projects requires REB approval; clarified when approval specifically by Sunnybrook REB is required; introduced requirement of Pls to seek REB approval at his/her local institution if ICES is not his/her primary affiliation; removed requirement for REB approval when simply contacting individuals including physicians | Feb-19 | Intranet posting; OnTap communication | No | n/a |

| Name | Review Date(s) | Amendment/ New Documentation Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|---|-------------------|--|--|--------------------------------|---|---|---|
| Research Ethics Review Procedure | Feb-18 | Amendment | Removed requirement to obtain Sunnybrook REB approval in all cases; set out requirement for DSAs in all cases of PDC involving medical record abstraction at hospitals/clinics; clarified that ICES Project PIA approval should precede REB approval | Feb-19 | Intranet posting; OnTap communication | No | n/a |
| | May-19 | Amendment | Moved to new template | n/a | n/a | No | n/a |
| Protecting Personal Health Information on Mobile Devices | Mar-18 | Amendment | Names removed under required reviewers; titles updated; formatting changes | n/a | n/a | No | n/a |
| | May-19 | Amendment | Updated role titles; added to new template | May-19 | Intranet posting | No | n/a |
| Management of Data Convenantors Procedures | Jan-17 | Amendment | Added DQ team | n/a | n/a | No | n/a |
| | Sep-19 | Amendment | Minor wording changes | Sep-19 | Intranet posting | No | n/a |
| Creating Coded Data at ICES Procedure | May-19 | Amendment | Free-text field expanded | n/a | n/a | No | n/a |
| Abstractor Onboarding and Offboarding Procedure | Sep-19 | Amendment | Updated titles and template | n/a | n/a | No | n/a |
| Log of ICES Abstractors | Oct-19 | Amendment | Add date last reviewed | n/a | n/a | No | n/a |
| Re-identification Risk Assessment Procedure | Jan-18 | Amendment | Removed exception related to presentations | Jan-18 | Intranet posting | No | n/a |

| Name | Review Date(s) | Amendment/ New Documentation Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|--|-------------------|--|---|--------------------------------|----------------------------------|---|---|
| Re-identification Risk Assessment Procedure | Jul-19 | Amendment | Changed to new template; updated titles; changed wording in Responsibility section, as one could infer from original wording that the RIRA doesn't necessarily need to be completed by the Responsible ICES Scientist | Jul-19 | Intranet posting | No | n/a |
| Re-identification Risk Clearance Log | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| ICES Pre- Submission Checklist for ICES Manuscripts and Reports | Aug-19 | No Amendment | None | n/a | n/a | No | n/a |
| Dataset Creation Plan Procedure | May-17 | Amendment | Updated AP template | n/a | n/a | No | n/a |
| Management of Data Convenantors Procedures | May-18 | Amendment | Updated role titles and added detail to roles and responsibilities | n/a | n/a | No | n/a |
| Dataset Creation Plan (General) | Mar-19 | No Amendment | None | n/a | n/a | No | n/a |
| DAS Project Intake, Adjudication & | Oct-17 | Amendment | Removed individual names from reviewer list; updated AP template | n/a | n/a | no | n/a |
| Initiation Procedure | Sep-19 | Amendment | Updated role and department titles | n/a | n/a | No | n/a |
| Verifying & Posting Risk- Reduced Data | Oct-18 | Amendment | Replace PARAT with Re-identification Risk Assessment Tool | Oct-18 | Intranet posting | No | n/a |
| to IDAVE Procedure | Sep-19 | Amendment | Change to role titles | n/a | n/a | No | n/a |

| Name | Review Date(s) | Amendment/ New Documentation Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|--|-------------------|--|----------------------------------|--------------------------------|----------------------------------|---|---|
| ICES Data & Analytic Services Agreement - Research | Sep-19 | No Amendment | None | n/a | n/a | No | n/a |
| ICES Data & Analytic Services Agreement – Research & PSD | Sep-19 | No Amendment | None | n/a | n/a | no | n/a |
| ICES Data & Analytic Services Agreement – Research & PSD (Other Information) | Sep-19 | No Amendment | None | n/a | n/a | no | n/a |
| DAS Projects Log | Sep-19 | No Amendment | None | n/a | n/a | no | n/a |
| DAS Request Form | Sep-19 | No Amendment | None | n/a | n/a | no | n/a |
| DAS Confirmation of Feasibility Form | Sep-19 | No Amendment | None | n/a | n/a | No | n/a |

Appendix B – List of Statements of Purpose

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the | Description of Data | Source |
|---|--|---|--|-----------------|
| | Tiolding | Purpose | | |
| Assistive Devices Program (ADP) | ADP captures data associated with Ontario residents with long-term physical disabilities who receive funding for customized equipment appropriate for the individual's basic needs. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of supporting funding to Ontario residents who have long-term physical disabilities and access to personalized assistive devices appropriate for the individual's basic needs. | Patient-level data associated with: mobility aids hearing aids and other devices communication aids visual aids diabetic equipment and supplies respiratory equipment and supplies home oxygen therapy artificial eyes and facial prosthetics custom orthotic braces, compression garments and lymphedema pumps prosthetic breasts or limbs | MOHLTC |
| Cancer Activity Level Reporting (ALR) | ALR data are collected for reporting and analysis purposes. It represents the basic set of data elements required to produce the quality, cost and performance indicators for the provincial cancer system. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of treatment provided to cancer patients. | Clinical data Patient-level data Patient-level activity within the cancer system focused on radiation and systemic therapy services and outpatient oncology clinic visits | cco |
| Ontario Asthma dataset (ASTHMA) | ASTHMA collects data, w hich includes all Ontario asthma patients identified since 1991 for the purpose of identifying cases, validation measures, citations for each cohort creation, data availability, prevalence and incidence flags. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of prevalence and incidence of asthma in Ontario | Patient-level data It is a cumulative ICES-derived database updated annually using updated OHIP, DAD, SDS, and RPDB data. | MOHLTC, CIHI |
| Better Outcomes Registry and Network (BORN) | BORN collects data for health care encounters, which are integrated across the continuum of care for the mother and infant. Data collected provides information on: maternal demographics and health behaviors, pre-existing maternal health problems, obstetric complications, intrapartum interventions, prenatal screening, antenatal | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area(s) of pregnancy, labour, birth and early new born care. | Patient-level data (infant and maternal) Demographic data (e.g., birth date, infant sex, maternal age) Clinical and self-reported health data (e.g. health conditions, procedures, treatments, outcomes, health behaviours) | CHEO |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|--|--|--|
| | general, antenatal specialty, postpartum mother and child outcomes. | | | |
| Bariatric Registry (BRTRC) | The Bariatric Registry collects information on bariatric treatments across Ontario to understand different treatment effects and results. Data are collected for the purposes of identifying and informing decision makers of practices and health care service areas that need improvement. | The data are required to conduct research, specifically in the area of bariatric surgery. | Demographic data Baseline clinical data (BMI, comorbidities, medications) Follow -up clinical data (BMI, comorbidities, medications) surgical procedures and complications quality of life data socio-economic data | Dr. Mehran Anvari |
| Client Agency Program Enrolment (CAPE) | CAPE is a database which lists patients who have ever enrolled or deenrolled with a family physician. This system helps to identify enrolled patients who may no longer be seeing the physician they are enrolled with, even though this physician is still being paid for being their family physician. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area primary health care. | Data on enrolment of an individual in a program with a specific practitioner and group | MOHLTC |
| Community Business Intelligence (CBI) | CBI collects individual- level service utilization data across health service providers, maintaining a single repository that contains information on patients' use of community-based services and their length of stay. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of community health services in the sectors of community addictions, community mental health, and community support services | Aggregate service utilization data across health service providers Use of community-based services and length of stay | CAMH, Reconnect |
| Canadian Community Health Survey (CCHS) | CCHS is a Statistics Canada Survey that collects health-related data (health status, heath care utilization, and health determinants for the Canadian population) at the sub- provincial levels of geography. The primary purpose of CCHS data is for health surveillance | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area(s) of the links betw een health behaviour and | Demographic data (e.g., birth date, sex, health problems, occupation and Ontario geographic codes Health-related self-ratings (e.g., re: healthy behaviors, health services utilization) | MOHLTC, Statscan Ontario Sharing Files w ere provided by Statistics Canada and modified by MOHLTC before being |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|--|---|---|----------------------|
| | and population research. Federal and provincial departments of health and human resources, social service agencies, and other types of government agencies use the information collected from respondents to monitor, plan, implement and evaluate programs to improve the health of Canadians. Researchers from various fields use the information to conduct research to improve health. Non-profit health organizations and the media use the CCHS results to raise awareness about health, an issue of concern to all Canadians. | determinants of health and health care utilization. | | shared with ICES. |
| Cardiac Care Netw ork (CCN) (Now "CorHealth") | CCN provides equitable, timely and appropriate access to cardiac services in the province of Ontario. CCN collects registry data for the purposes of facilitating and monitoring access to cardiac surgery. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area(s) of cardiovascular procedures and surgeries. | Includes all cardiac surgical procedures, catheterization, coronary artery bypass graft surgery (CABG), percutaneous coronary intervention (PCI), electrophysiology procedures (diagnostic studies and ablations), cardiac device implantation, transcatheter aortic valve implantation (TAVI), and other transcatheter structural heart interventions e.g., mitral valve clip, left atrial appendage closure | CorHealth Ontario |
| Continuing Care Reporting System (CCRS) | CCRS collects demographic, administrative, clinical and resource utilization information who receive continuing care services in hospitals or long-term care homes in Canada. Data are collected at the point of care. Real time reports flag resident risks and inform care planning, which help to guide care and systemwide planning as well as provide quality improvement. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of a wide range of continuing care services. This range includes hospital-based continuing care (e.g., complex continuing care, extended/chronic care) and residential care providing 24-hour nursing services (e.g., | Assessment-level data Admission-level data Residents-level data Facility-level data | MOHLTC |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|---|--|---|
| | | nursing home, home for the aged). | | |
| Ontario Census Area Profiles (CENSUS) | Every ten years, households receive a short-form census questionnaire w here the follow ing data is extracted; age and sex, family, language, aboriginal peoples, education, labor, immigration and citizenship, and ethnicity. Census data provides demographic and statistical data w hich is used to plan public services (health care, education, transportation), assess the economic state of the country and develop socioeconomic status indicators. | The data are required to conduct analysis, compile statistical information and to support related research. | Ontario-level demographic and statistical data on individuals and households | Statistics Canada |
| Canada Census area profiles (CENSUSCA) | Every ten years, households receive a short-form census questionnaire where the follow ing data is extracted; age and sex, family, language, aboriginal peoples, education, labor, immigration and citizenship, and ethnicity. Census data provides demographic and statistical data which is used to plan public services (health care, education, transportation), assess the economic state of the country and develop socioeconomic status indicators. | The data are required to conduct analysis, compile statistical information and to support related research. | Canada-level demographic and statistical data on individuals and households | Statistics Canada |
| Laboratory Data from South- Western Ontario Hospitals (CERNER) | To permit evaluation of laboratory-based outcomes in individuals residing in Southwestern Ontario. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of laboratory-identified outcomes (acute kidney injury, etc.) | Patient-level laboratory data | London Health Sciences Centre and St. Joseph's Hospital on behalf of 12 hospitals in Southw estern Ontario. |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|---|---|---|--------------------------------------|
| Canadian Cystic Fibrosis Data Registry (CFDR) | CFDR collects data on individuals with a confirmed diagnosis of cystic fibrosis based on current guidelines, for the purpose of ensuring data entries are standardized and consistent in cystic fibrosis clinics across Canada. The data collected within the Registry can be used to better understand clinic populations, respond to emerging health care issues, develop quality improvement initiatives and track clinical outcomes over time | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of know ledge improvement of disease patterns and care of patients with cystic fibrosis, to translate the know ledge into improved outcomes for people with cystic fibrosis. | Includes patient-level data on patients with cystic fibrosis | MOHLTC; Cystic Fibrosis Canada |
| Congestive Heart Failure (CHF) | The CHF database contains all Ontario individuals with CHF identified since 1991. The CHF database collects data to help identify cases of CHF from primary care patient records and administrative data. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of the prevalence and incidence of congestive heart failure in Ontario. | Includes patient-level data on individuals who meet the administrative data-based definition of CHF, including a diagnosis date. | MOHLTC, CIHI, |
| IRCC Permanent Residents database (IRCC) | IRCC data contains permanent residents' demographic information, such as country of citizenship, level of education, mother tongue and landing date. IRCC data is collected for the purposes of health research, evaluation and support for health policy and program development for the population. | The data are required to conduct research, specifically in connection with permanent resident populations. | The data contains permanent residents' demographic information, such as country of citizenship, country of birth, level of education, mother tongue, landing date, skills, immigrant categories, etc. | IRCC |
| Canadian Joint Replacement Registry (CJRR) | CJRR collects patient- specific information (clinical, surgical and prosthesis) on hip and knee replacement surgeries performed in hospital. Data are collected for the purposes of recording and analyzing clinical parameters and | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of hip and knee | Patient-specific information (clinical, surgical and prosthesis) on hip and knee replacement surgeries performed in hospital. | CIHI |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|---|--|--------------------------------|
| | outcomes of primary and revision hip and knee replacements over time. | replacement for the aging population. | | |
| Clinical Liver Database (CLD) | CLD contains clinical information from patients seen at the Toronto Western Hospital Liver Clinic from 2000 to 2014. CLD collects data on demographics, medications, laboratory results and clinical status at each visit, for the purpose of compiling a standardized clinical record. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of liver disease of varied etiologies, most commonly alcoholrelated, non-alcoholic fatty liver disease, viral hepatitis and auto-immune | Data on demographics, medications, laboratory results and clinical status at each visit, as compiled in the clinic's standardized clinical record. | Toronto Western Hospital |
| Yearly Health Services Contact (CONTACT) | Patient contact and eligibility yearly files contain records of individuals who are eligible for OHIP. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of health services research. | Files are created by ICES using in-house datasets received from MOHLTC and CIHI. The files contain, for each quarter of a calendar year: A marker indicating RPDB eligibility status A marker indicating any health care contact (hospital visit, OHIP claim, OBD claim, nursing home resident etc.) A marker indicating CAPE enrolment | MOHLTC, CIHI |
| Chronic Obstructive Pulmonary Disease (COPD) | COPD contains all Ontario COPD patients identified since 1991, which enables identification of individuals with physician diagnosed COPD in health administrative databases. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of respiratory disease. | Patient-level data Yearly prevalence and incidence of COPD in Ontario COPD diagnosis date | MOHLTC, CIHI |
| Canadian Organ Replacement Registry (CORR) | CORR records and analyzes the level of activity and outcome of vital organ transplantation and renal dialysis activities. CORR provides extended access to recipients receiving treatment outside Ontario. CORR collects data to provide: a national view on endstage organ failure statistics for comparative | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of organ transplant and renal replacement therapy. | Contains data on hospital dialysis programs, transplant programs, organ procurement organizations and independent health facilities that track patients from their first treatment for end-stage organ failure (dialysis or transplantation) to their death. | CIHI |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|--|--|--|-------------------------|
| | analyses and research studies, an opportunity to facilitate better treatment decisions and statistics on long-term trends (used for planning; and optimizing programs) and lastly to provide statistics to the health care industry to enhance business. | | | |
| Corporate Provider Database (CPDB) | Files are maintained by the MOHLTC Provider Services branch containing information about all physician and some non-physician providers funded by the Ministry. CPDB uses this data to create their database, for the purposes of providing information on demographic, eligibility, speciality and practice location of physicians and non-physicians. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically related to physician services. | Individual-level physician data including birth year (for age), sex, year of graduation, practice location. | MOHLTC |
| Client Profile Database (CPRO) | CPRO contains long-term care home application information at the patient level such as patient characteristics and location at application, long-term care home choices and milestone events through the placement process. CPRO collects data for the purposes of tracking patients waiting for long-stay placement in Ontario long term care homes and tracking requests for change of placement for those already residing in long term care. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area(s) of long-term care placement in Ontario" | Patient-level long term care home application information Patient long term home choices | MOHLTC |
| CT/MRI Abstracted Data (CTMRI) | Data were compiled through abstraction of a consecutive series of Computerized Topography (CT) and Magnetic Resonance Imaging (MRI) scans performed after April 1, 2004 from twenty-nine randomly selected Ontario hospitals. The | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area(s) of CT and MRI images | CT and MRI scans were restricted to the 3 most common scanning regions for each type of scan: CT abdomen/pelvis, CT brain, CT chest, MRI brain, MRI extremities, and MRI spine | 25 Ontario hospitals |

| Data Holding | Purpose of Data | Need for Data in | Description of Data | Source |
|--|---|---|--|-----------------|
| | Holding | Relation to the Purpose | | |
| Discharge Abstract Database (DAD) | purpose was to describe common indications for outpatient CT and MRI scanning in Ontario, determine the frequency of normal/abnormal/interme diate scans and lastly to determine the frequency in which further diagnostic testing was recommended after the scan was performed. DAD captures administrative (institution-hospital number, admission category, length of stay, disposition), clinical (diagnoses, procedures, physician) and demographic information (patient gender, date of birth, postal code, county and residence code), on hospital discharges including deaths, signouts and transfers. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of evaluation of inpatient services use, in-patient deaths, acute care availability, case costing and service transfers. | Contains information about patient separations, such as: Clinical data (diagnoses, pro cedures, physician) Demographic data (patient gender, date of birth, postal code, county and residence code) Administrative data (institution/hos pital number, admission category, length of stay, disposition) Data used to evaluate patient length of stay and resource consumption, as defined using case mixed group, complexity and resource intensity w eight Additional data on mental health inpatients (since 1998/99) | CIHI, MOHLTC |
| Quarterly Discharge Abstract Database (DADQ) | Comprises cuts of both NACRS and DAD data compiled on a quarterly basis. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, | Contains information about patient separations, such as: Clinical data (diagnoses, procedures, physician) | CIHI, MOHLTC |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|--|--|--|-----------------------|
| | | and to support related research, specifically in the area of evaluation of inpatient services use, in patient deaths, acute care availability, case costing and service transfers. | Demographic data (patient gender, date of birth, postal code, county and residence code) Administrative data (institution/hos pital number, admission category, length of stay, disposition) Data used to evaluate patient length of stay and resource consumption, as defined using case mixed group, complexity and resource intensity w eight Additional data on mental health inpatients (since 1998/99) | |
| Ontario Dementia Database (DEMENTIA) | The Ontario Dementia Dataset is comprised of all Ontario persons who have been identified with Alzheimer's and related dementias in ICES data holdings between the ages of 40 to 110 years. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of prevalence and incidence of dementia | Patient-level data on all Ontarians whowere identified with dementia (including Alzheimer's) between the ages of 40 to 110 years since 1988 DEMENTIA is a cumulative ICES-derived database updated annually using updated OHIP, DAD, SDS, ODB and RPDB data | CIHI, MOHLTC |
| Drugs List (DIN) | The Drugs List data set contains information on drug and product names, subclass information, product codes, drug strength, route of administration, first and last dispensing dates from OD. This data set is used to obtain a list of drug information numbers (DINs) which fall under generic drug names/drug subclasses, to look up properties of a drug such as strength, | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of treatment duration, patient outcomes, drug intervention for specific disease. | Near exhaustive list of DINs used in Canada from 1990 forward Contains information on drug and product names, subclass information product codes, drug strength, route of administration, first and last dispensing dates from ODB | Brogan Inc, MOHLTC |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|---|--|--|--|
| | and to gather information on doses of drug dispensed in an ODB claim. | | | |
| Dialysis Measurement Analysis & Reporting System (DMAR) | DMAR is an innovative web-based application that facilitates the collection of prospective high-quality data about the care of patients with kidney disease. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of dialysis patients at specific sites in Ontario. | Contains characteristics and outcomes, including modality changes, hospitalization, transplantation, treatment w ithdraw al, and death | 5 Ontario hospitals. |
| Drug Product Database (DPD) | The DPD contains product specific information on legal drugs approved for use and authorized for sale by Health Canada such as drugs for humans and animals, disinfectants, radiopharmaceutical drugs and biological drugs for humans. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of drug utilization. | Contains product and company information on drug products marketed in Canada, as collected by Health Canada | Health Canada |
| Enhanced Feedback for Effective Cardiac Treatment (EFFECT) | The EFFECT consists of clinical data such as acute myocardial infarction, and congestive heart failure for the purpose of measuring and improving the quality of cardiac care. The purpose of the collection was to determine whether developing and publishing report cards based on clinical data collected from patient charts leads to greater use of evidenced based therapy at hospitals that receive them. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of cardiac care. | Patient-level, clinical data collected from patient charts after acute myocardial infarction and congestive heart failure | 85 Ontario hospitals |
| Electronic Medical Records Primary Care - Master Linking Crossw alk (EMPRC) | EMPRC consists of clinically relevant information maintained by family physicians practicing in Ontario derived from electronic medical records (EMRs). EMRPC data is collected for the following purposes: validating methods for identifying patients with particular disease conditions using administrative data, | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of primary care, health systems, and population health. | Patient-level data Clinical data included in patient's electronic medical record (e.g., medical history, current health problems, treatments prescribed, clinical notes, test results, etc.) | Data is collected through Physician participation. |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|---|---|--------|
| | developing automated, accurate methods for identifying patients with disease conditions within the EMR, providing feedback regarding physician performance on quality indicators for several chronic diseases, and examining wait times for referrals from primary care physicians to specialists. | | | |
| OHIP's Emergency Claims Database (ERCLAIM) | ERCLAIM comprises data on billings by Emergency Doctors, in order to enable ICES to separate OHIP billings for patient visits that occur in the Emergency Department from regular office visits. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research. | Contains OHIP records identified as occurring in the Emergency Department Created in-house at ICES using a subset of OHIP records received from MOHLTC | MOHLTC |
| Symptom Management Database (ESAS) | The Symptom Management Database is a w eb-based symptom screening tool provided by CCO to healthcare providers (and their patients w here available) to monitor patients symptoms. Data are collected for the purpose of improving symptom management and collaborative palliative care planning through earlier identification, documentation and communication of patient symptoms and performance status. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of cancer care. | This data holding consists four smaller datasets: Edmonton Symptom Assessment System (ESAS), Eastern Cooperative Oncology Group Performance Status (ECOG), Patient Reported Functional Status (PRFS), and Palliative Performance Scale (PPS). This data holding provides information on patients' symptoms and functional status during their journey of cancer care. | CCO |
| Estimated Schedule of Benefits (SOB) price associated with each OHIP fee code and suffix. (ESTSOB) | Comprises details about physician services and billing requirements for various procedures and visits. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, and specifically to create a standard price for services recorded in the OHIP database. Used for costing analyses. | A list of the average or most frequently billed price for each OHIP fee code or fee suffix. Created in-house at ICES using a subset of OHIP records received from MOHLTC | MOHLTC |
| Surname- based Ethnicity | Canada's two largest visible minority populations, South | The data are required to conduct analysis and compile statistical | The database classifies people according to their probable ethnic background, | MOHLTC |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|---|--|---|--|
| Group (ETHNIC) | Asians and Chinese are excluded from Ontario's administrative ethnicity data. Both of these populations have unique identifiable surnames not shared with other ethnic groups. The lists deliberately excludes surnames, which, while they may be common in the South Asian or Chinese population, are not unique to that population. As a result, the South Asian list includes predominantly Hindu surnames and is therefore most representative of Indian surnames; Muslim surnames from Pakistan and Bangladesh are often shared with Muslim populations from other world regions, and so are not included in the list. These exclusions provide very low sensitivity for the South Asian and Chinese population. Collecting data serves the useful purpose in defining a cohort of South Asian and/or Chinese individuals in a study where this is the primary exposure of interest. | information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of ethnicity-based determinants of health and health care utilization. | with three categories: South Asian, Chinese, and other. This is the only source of (very limited) ethnicity information on all Ontarians. | |
| GAPP Decision Support Systems (Physician Payments) | GAPP contains non-OHIP-related payments for health care providers (e.g. primary care organizations) for the purpose of examining population health care cost. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of physician compensation. | Information on non-fee-for- service payments made to physicians through various alternate payment plans. | MOHLTC |
| Gamma Dynacare Medical Laboratories (GDML) | GDML collects data by linking outpatient serum/urine test data from 225 Gamma-Dynacare laboratories across Ontario from 2002 to 2016. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of laboratory | Patient-level data including date and results of a variety of outpatient laboratory serum/urine test data from 225 Gamma-Dynacare laboratories across Ontario for 2002 to 2016. | Dynacare Gamma Laboratory Partnership dba Dynacare |

| Data Holding | Purpose of Data | Need for Data in | Description of Data | Source |
|----------------------|---|--|--|-----------|
| Sata Holding | Holding | Relation to the | 2000 ipilon or bata | 304100 |
| | | Purpose | | |
| | | confirmed disease, including cardiovascular | | |
| | | disease, kidney disease | | |
| | | and diabetes. | | |
| Home Care | HCD contains | The data are required to | Data on all home care visits | HSSO, |
| Database (HCD) | information on clients, intake, assessment, | conduct analysis and compile statistical | betw een fiscal years 2005/06 to the current time, including | OACCAC |
| (1102) | admission, diagnostic | information with respect | date and type of visit. | |
| | and surgical procedure, | to the evaluation, | Basic demographic and | |
| | and service delivery. Data are collected for | planning and monitoring | health-related characteristics | |
| | the purpose of helping | of the health system, and to support related | of individuals who received home care visits during this | |
| | home care clinicians | research, specifically in | period | |
| | code diseases and other | the area of home care | • | |
| | health conditions that frequently occur in home | services. | | |
| | care. | | | |
| Home Care | HCD collects data for the | The data are required to | Data on all I home care visits | MOHLTC |
| Database - MOHLTC | purpose of providing clinical insight into | conduct analysis and compile statistical | betw een fiscal years 1994/05 | |
| (HCDMOH) | patients who encounter | information with respect | and 2014/15, including date and type of visit. | |
| | service through Ontario's | to the evaluation, | Basic demographic and | |
| | Community Care Access | planning and monitoring | health-related characteristics | |
| | Centres (CCACs). | of the health system, and to support related | of individuals who received home care visits during that | |
| | | research, specifically in | period period | |
| | | the area of home care | | |
| Health Care | HCES is a cross- | services. The data are required to | Public experiences with | MOHLTC |
| Experience | sectional voluntary | conduct analysis and | aspects of the health system | |
| Survey | telephone survey | compile statistical | (Ontarians age 16 and | |
| (HCES) | conducted for the purpose of examining | information with respect to the evaluation, | older.) | |
| | the attachment to | planning and monitoring | | |
| | primary care providers in | of the health system, | | |
| | Ontario and the public's experience with other | and to support related research, specifically to | | |
| | aspects of the health | measure attachment to | | |
| | care system. | primary care providers in | | |
| | | Ontario, the public's experience including | | |
| | | w ait times at service | | |
| | | providers, walk-in clinics | | |
| | | and emergency departments, referral to | | |
| | | specialists. | | |
| Ontario HIV | The Ontario HIV | The data are required to | Clinical data including date of | MOHLTC, |
| Database (HIV) | Database contains all Ontario HIV positive | conduct analysis and compile statistical | HIV diagnoses, prevalence | CIHI-DA D |
| (1 11 V) | patients identified since | information with respect | and incidence each year | |
| | 1992. | to the evaluation, | | |
| | | planning and monitoring of the health system, | | |
| | | and to support related | | |
| | | research, specifically in | | |
| | | the areas of HIV | | |
| | | diagnoses, new infections and health | | |
| | | care utilization trends | | |
| | | among people living with | | |
| | | HIV in Ontario. | | |

| Data Holding | Purpose of Data | Need for Data in | Description of Data | Source |
|--|--|---|--|-------------------------------------|
| | Holding | Relation to the Purpose | | |
| Ontario HIV Treatment Netw ork (HIV OHTN) | An anonymous, observational, open, dynamic cohort study of individuals with HIV who have been diagnosed and have entered care in Ontario. The data are collected for the purposes of conducting scholarly research that contributes to an improved understanding of HIV, providing improved treatment for people living with HIV, and helping people living with HIV get better access to care. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of engagement in HIV care and the characteristics and health care utilization patterns of individuals living with HIV and engaged in care. | Patient-level data: sociodemographic data, social determinants of health Clinical characteristics Laboratory data | OHTN |
| Health Links Datasets (HLINK) | Health Link is a team of providers in a geographic area working together to provide coordinated health care to patients with multiple complex conditions (often seniors) with the patient at the center. The Health Link program aims to engage patients and their care providers to ensure that the plan is being follow ed, that patients are taking the right medications and that patients have a care provider who knows them. The Health Link program's purposes are to improve access to care, reduce wait times and prevent unnecessary hospital and emergency visits. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of coordinated care services provided to patients of high needs. | Data includes: Care coordination status LHIN number of patient residence LHIN name of patient residence LHIN sub-region of patient residence Dates related to patient visit/assessment, case conference completion, and when no longer receiving Health Links care | MOHLTC |
| Health Outcomes for Better Information and Care (HOBIC) | HOBIC focuses on the clinical status of patients admitted to acute care, long-term care, complex continuing care and home care organizations in Ontario. HOBIC collects data for the purposes of developing a standard for the assessment of clinical information reflective of nursing care across the province, providing information to support quality improvement | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research. | Data includes measures of the acute care, complex continuing care, home care, and long-term care setting in Ontario from December 2006 to March 2012. | 160 Ontario health care sites |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|---|---|--|-----------------|
| High Services User (HSU) | initiatives at organizations and promoting evidence-based health system planning, policymaking and research through linkage to health outcomes. High Service Users are individuals who comprise | The data are required to conduct analysis and | These data are derived from a combination of the | CIHI |
| | a large percentage of health care services and incur a large percentage of costs. Close examinations of these high user populations provides valuable insight into the health care system and highlight opportunities for improvement such as: integration and continuity of clinical and social care, increased resources for home care and long-term care (particularly for palliative patients), and increased focus on disease prevention and health promotion. | compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically related to individuals identified as "high service users". High service users are identified based on either their frequency of use (specifically emergency departments), their length of stay in hospital, or their overall costs within a given fiscal year. By having a consistent definition of high system user (rather than having every study use a unique definition), we are better able to understand who these individuals are, how they differ from those with less frequent/intensive health service use, and where there may be opportunities to intervene to reduce the need for acute care use. | Discharge Abstract Database (when looking at high system use based on inpatient care) and the National Ambulatory Care Reporting System that ICES receives from CIHI and include: Basic demographic data Encounter dates (dates of admission and discharge for inpatient stays; dates and time stamps for emergency department visit start and end) Most responsible diagnosis Procedures Service type (for inpatient stays) Discharge disposition Use of ambulance (for emergency department visits) Triage acuity (for emergency department visits) Triage acuity (for emergency department visits) Trype of stay/visit (i.e. planned vs. emergency) Flag identifying high system user status Hospital identifier | |
| Ontario Hypertension dataset (HYPER) | HYPER contains all Ontario hypertension patients identified since 1991, for the purposes of including algorithms for identifying cases, validation measures, citations for each cohort creation, data availability, prevalence and incidence flags. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of identifying hypertension cases, including incident and prevalent hypertension cases in a certain year. | Patient-level data, Demographic data Diagnosis date (since 1991), age at diagnosis, prevalent flags since 1991 and incident flags since 1994 Created in-house at ICES using data received from MOHLTC and CIHI | MOHLTC, CIHI |
| Information about Ontario health care | INST contains a series of datasets regarding Ontario's health care | Datasets such as the hospital discharge | The INST datasets map the institution numbers to the name, type (e.g. acute care hospital, | MOHLTC |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|---|---|---|-------------------|
| institutions funded by the MOHLTC (INST) | system w hich enable the assignment of numbers to each institution funded by the MOHLTC. | database, the OHIP physician claims database and the National Ambulatory Care Reporting System (NACRS) database identify places of care using the institution number. INST allows ICES to use this institution number for purposes of: | nursing home), and location (e.g., postal code, LHIN) of the institution. They also map the institution numbers to the umbrella facility number, indicate w hich hospitals have academic affiliations, and provide a chronological history of changes to the institution numbers assigned to the same institution | |
| | | estimating the distance that patients travel to receive care (based on the distance from the patient's postal code to the institution's postal code) examining the effect of hospital volume on treatment outcomes (w hich requires know ing the history of changes in the institution number for a given institution over time) determining w hich individuals are living in a long-term care institution (by determining the institution type for the institution number noted in physician claims) | | |
| ICES Physician Database (IPDB) | ICES Physician Database contains yearly information about all physicians in Ontario for the purposes of physician profiling, predicting physician behavior, and measuring physician supply. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of practice | Information about physician specialties, demographics, practice characteristics and relative w orkload. | MOHLTC, OPHRDC |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|--|---|---|
| | | and personal characteristics of physicians providing services in Ontario. | | |
| Local Health Integration Netw ork (LHIN) | LHIN is comprised of data from 14 not-for-profit corporations w ho w ork w ith local health providers in planning, funding, integrating and delivering local home care services to citizens across the city to meet the needs of residents. LHIN health services include hospitals, community care access centres, community support services, long-term care, mental health and addictions services and community health centres. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of planning, integrating and funding local health services. | 1 record for each of the 14 different geographic areas of Ontario with the following information for each LHIN: LHIN number, name, population, localization index (percent of hospitalizations occurring at local high-volume hospitals), number of high-volume hospitals, list of high-volume hospitals (names and institution numbers). Contains one record for each of the 175 acute care hospitals in Ontario Residence codes (based on Ontario municipal boundaries) linkage to LHIN Yearly population estimates and projections by single years of age and sex | MOHLTC, Statistics Canada, Ontario Ministry of Finance, Intellihealth Ontario |
| Management Information System (MIS) | MIS is a comprehensive reporting system for use by hospitals across Canada, for the purpose of providing management information to assist health care managers in allocating and utilizing resources more efficiently and effectively. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of financial accounting and management statistics related to the day-to-day operations of health service organizations. | Balance sheet data (e.g., current assets, long-term liabilities) Income statement data (e.g., revenue, expenses, gains, losses) Revenue and expense information Functional (accounting) centre data Statistical information (e.g., nursing service recipient w orkload, earned hours, number of meals, volunteer hours of service) | MOHLTC |
| Linked Delivering Mother and New borns (MOMBABY) | MOMBABY dataset links the DAD inpatient admission records of delivering mothers and their new borns for the purpose of corresponding records betw een a mother-child pair. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of perinatal heath. | Demographic data (e.g., birth date, infant sex, maternal age) Clinical health data (e.g. birth outcome, length of gestation, birthw eight, parity, admission and discharge date | MOHLTC, CIHI |
| National Ambulatory Care Reporting System (NACRS) | NACRS captures information on patient visits to hospital and community based ambulatory care such as day surgery, outpatient clinics and emergency | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, | Data on all hospital-based and community-based ambulatory care (e.g. day surgery, outpatient and community-based clinics, and emergency departments | MOHLTC, CIHI |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|--|--|-----------------|
| | departments within Ontario. NACRS collects data for the purposes of processing and analyzing summary data on institution-based ambulatory care, supporting management decision making at the hospital, facilitating provincial and national comparative reporting and supporting related approved analysis and research. | and to support related research, specifically in the areas of (1) identifying patients treated at emergency departments, dialysis clinics, cancer clinics, and people receiving same day surgeries, (2) service volume, and (3) identifying specific health care needs of Ontarians. | | |
| Quarterly National Ambulatory Care Reporting System Quarterly (NACRSQ) | NACRS contains data for all hospital-based and community based ambulatory care: day surgery, outpatient and community-based clinics and emergency departments. NACRSQ data are received by ICES approximately two months after the end of each quarter. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of (1) identifying patients treated at emergency departments, dialysis clinics, cancer clinics, and people receiving same day surgeries, (2) service volume, and (3) identifying specific health care needs of Ontarians. | Data on all hospital-based and community-based ambulatory care (e.g. day surgery, outpatient and community-based clinics, and emergency departments Data are received quarterly (4 times a year) | MOHLTC, CIHI |
| New Drug Funding Program (NDFP) | The NDFP contains data related to funding of new and often expensive cancer drugs for the purpose of ensuring that Ontario patients have equal access to high-quality intravenous (IV) cancer drugs. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of systemic therapy in cancer patients. | Patient-level data related to funding of cancer medication | cco |
| Narcotics Monitoring System (NMS) | The NMS collects data on dispensed prescriptions for narcotics, controlled substances and other monitored drugs. NMS data are collected for the purposes of educational and public health and reporting possible criminal conduct to law enforcement agencies. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of prescribing practices and use of narcotic analgesics (i.e. | Prescription drugs captured in this database include: Opioid analgesics (e.g. Tylenol 3®, OxyNEO™) Stimulants (e.g. methylphenidate (Ritalin®)) Benzodiazepines/zolpid em (e.g. Valium®) Barbiturates (e.g. phenobarbital) Testosterone products | MOHLTC |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|--|--|---------------------|
| | | opioids), non-narcotic controlled drugs (i.e. stimulants, benzodiazepines, barbituates), and other monitored drugs (e.g. testosterone) in Ontario. | Other Drugs (i.e. tramadol containing products) Information on the prescription dispensed (drug identification number, quantity, day supply, route of administration, strength, manufacturer), patient (cardholder ID, age, sex, birth date), prescriber (specialty [i.e. physician, nurse practitioner etc.], prescriber ID), pharmacist ID, and agency where the prescription was dispensed | |
| National Population Health Survey (NPHS) | The NPHS is a longitudinal survey that collects information related to the health of the Canadian population. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of evaluating population health status, health care service usage, and lifestyle risk factors such as smoking or alcohol use. | Health survey results about health status and factors impacting health | MOHLTC, StatsCan |
| National Rehabilitation Reporting System (NRS) | The NRS contains patient data collected from participating adult inpatient rehabilitation facilities and programs across Canada. NRS collects data for the purposes of supporting CIH's mandate, collecting processing and analyzing adult inpatient rehabilitation services, supporting management decision making at the hospital, facilitating provincial and national comparative reporting and supporting related approved analysis and research. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of inpatient rehabilitation services | Data on all stays in an inpatient rehabilitation bed. Patient characteristics at the time of arrival and again at the time of discharge. | MOHLTC |
| New born Screening Ontario (NSO) | NSO screens almost every new born in Ontario for rare but treatable diseases using a combination of advanced laboratory techniques. NSO data are collected for the purposes of retaining | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in | Data from NSO are contained in three types of datasets: a) demographic information about the new born and the mother; | CHEO |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|---|--|--|-----------------|
| | demographic information about the new born and the mother, blood samples and disease outcomes and diagnoses from NSO screening tests. | the areas of monitoring diseases of new born screened and quality control and quality assurance on the screening tests. | b) blood sample analyte values (concentrations, ratios); c) disease outcomes and diagnoses from NSO screening tests, as based on analyte values and standard diagnostic cut-offs. | |
| Ontario Breast Screening Program (OBSP) | OBSP collects data in the course of operating the breast screening program, including with respect to recruitment, recall, follow-up and ongoing quality assurance in order to provide timely, coordinated assessments of women with abnormal mammograms. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of breast cancer prevention | Patient-level data related to mammography (breast X- ray) and a physical examination of the breasts by a physician or a nurse | 000 |
| Ontario Crohn's and Colitis Cohort dataset (OCCC) | OCCC includes all Ontario patients who were identified with Crohn's disease or Ulcerative Colitis from the ages of 0-105 years. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of prevalence and incidence of Crohn's disease or Ulcerative Colitis which means Inflammatory Bow el Disease. | Includes all Ontario patients whowere identified with Inflammatory Bowel Disease aged 0-105 years since 1991 Created in-house at ICES and updated annually using data from CIHI and MOHLTC | MOHLTC, CIHI |
| Ontario Case Costing Initiative (OCCI) | OCCI collects case costing data for acute inpatient, day surgery and ambulatory care cases, as well as complex continuing care and rehabilitation cases. Data are collected for the purposes of improving management decision making, development of hospital funding methodologies and ensuring comparability in the costing methodology across hospitals. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of health system costs. | Patient-level data Health system cost data (e.g., estimated costs of acute hospitalizations and emergency department visits) | MOHLTC |
| Ontario Cancer Registry (OCR) | OCR is the provincial database of information for all Ontario residents who have been diagnosed with cancer or who have died of cancer. The OCR collects data | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, | Patient demographics, cancer diagnosis details, and death information. | cco |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|---|--|--|-----------------|
| | and exchanges information with other provinces and territories about residents diagnosed or treated outside of Ontario. This approach ensures completeness of provincial cancer records. | and to support related research, specifically in the areas of cancer care. | | |
| Ontario Drug Benefit Claims (ODB) | The ODB database contains claims for prescription drugs received under the Ontario Drug Benefit program. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of treatment intervention, diagnosis, patient outcomes and follow-up. | Each record represents a drug claim (i.e. a dispensed prescription) paid for by the Ministry of Health Data include: | MOHLTC |
| Ontario Diabetes Datas et (ODD) | The ODD is a population-based disease registry constructed using a validated algorithm based on hospitalizations and physician visits to identify individuals with physician-diagnosed diabetes mellitus in Ontario. ODD data is collected for the purpose of recording physician-diagnosed diabetes cases. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of identify diabetes cases, and incidence/prevalence of diabetes. | The Ontario Diabetes Database (ODD and ODD specific) contains all individuals in Ontario with any type of non-gestational diabetes identified since 1991. Created in-house at ICES and updated annually using data from CIHI and MOHLTC | MOHLTC, CIHI |
| Organ Donor Registry (ODR) | The ODR collects data on patients who have registered to be a deceased organ donor and date of registration. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of organ donation. | Includes the date of registration, donor status and the specific organs that individuals have exempted out of potentially donating | MOHLTC |
| Ontario Home Care Administrative System (OHCAS) | OHCAS collects patient data for purposes related to administering home care services in Ontario. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in | Information on all home care visits for fiscal years 1988/89 – 2005/06, including date and type of visit. Basic demographic and health-related characteristics of individuals who received home care visits during that period | MOHLTC |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|--|--|--|
| | | the areas of delivery and receipt of home care services. | | |
| Ontario Health Insurance Plan Claims Database (OHIP) | OHIP data contains most claims paid for by the Ontario Health Insurance Plan. The data covers all health care providers who can claim under OHIP (this includes physicians, groups, laboratories, and out-of-province providers) for the purposes of maintaining a record of the patient and physician, services provided, date of the service, associated diagnosis, and fees paid. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of heath services utilization, tracking of patient history and patient care trajectory. | Each record represents a single service, identified by the fee code, and relates to an individual patient Captures all health care providers w ho can claim under OHIP (this includes physicians, groups, laboratories, and out-of-province providers w ith some exceptions) | MOHLTC |
| Ontario Health Study (OHS) | The OHS collects health data through online questionnaires, physical measures and blood samples for the purposes of providing researchers with the resources to investigate the relationship between genetics, lifestyle, the environment and overall health. | The data are required to conduct research, specifically in the areas of cancer and chronic diseases. | Demographic data (e.g. birth date, sex, family size, w ork history, language, ethnicity, income, education) Health-related self-ratings (e.g. personal and family health history, physical activity, eating habits, w omen's health history, environmental exposures, behaviour, alcohol and tobacco use, sleep patterns, medication history, emotional health and w ellbeing) Test results (e.g. blood tests, mammography, pap test, sigmoidoscopy, and colonoscopy. Acute and chronic conditions (e.g. cancer, infections, cardiovascular diseases, chronic pulmonary obstructive disease (COPD), chronic bronchitis, endocrine disease, thyroid disease, gastrointestinal disease) | The Ontario Institute for Cancer Research |
| Ontario Health Survey (OHSURVEY) | The OHSURVEY collects health data on behalf of Ontario's population w hich is used to examine self-reported utilization of specific health services. Data can be compared across various socioeconomic strata and health status states, and can be linked to administrative data. This link provides the ability to assess health | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically related to the link betw een health behaviour and determinants of health | Individual-level data related to health practices and behaviors | MOHLTC, StatsCan, |

| Data Holding | Purpose of Data | Need for Data in | Description of Data | Source |
|--|--|--|--|-----------------|
| | Holding | Relation to the Purpose | | |
| | status' and concurrent medical conditions in combination with actual health care utilization. OHSURVEY's data serves the purpose of understanding health practices and behaviours that are unattainable from other data sources. | and health care utilization. | | |
| Ontario Laboratories Information System (OLIS) | OLIS provides authorized health care providers access to lab test orders, results from hospitals, community labs and public health labs. As patients move betw een hospitals, family physicians, home care and long-term care settings, OLIS makes view ing patients current and past test results easier and enables treatment decisions to be made at the point of care. The data collected serves the follow ing purposes: providing a comprehensive and complete lab test history, monitoring progress of treatments, supporting chronic disease management and creates system cost savings by reducing administrative time spent sending lab results and duplicating tests. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of clinical lab testing, and disease detection, diagnosis and monitoring. | Demographic data (e.g., birth date, sex, patient address) Healthcare provider data (e.g., practitioner licensing numbers) Clinical data (e.g., lab test results, additional information on test requisitions and test types) | MOHLTC |
| Ontario Mental Health Reporting System (OHMRS) | OHMRS collects data on patients in adult designated inpatient mental health beds. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of mental health hospitalizations. | Diagnosis and intervention data Demographic data (e.g. age, sex, education, geographic variables) | MOHLTC, CIHI |
| Ontario Myocardial Infarction Dataset (OMID) | OMID links together all of Ontario's major health administrative databases to create a database for monitoring the quality of acute myocardial infarction care in Ontario. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically | Information about the index acute myocardial infarction. hospitalization Interventions received within certain time windowssince the index admission Information about attending physician | MOHLTC, CIHI |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the | Description of Data | Source |
|---|---|--|---|---|
| | Tiolding | Purpose | | |
| | | related to acute myocardial infarction. | | |
| Ontario Marginalizatio n Index (ONMA RG) | ONMARG is a geographically based index developed to quantify the degree of marginalization occurring across the province of Ontario, which examines residential instability, material deprivation, dependency and ethnic concentration. ONMARG collects data for the purpose of tackling complex urban health issues such as the health consequences of social inequality in cities. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the evaluation of inequalities in health, other social problems related to health, and health care access among population groups or geographic areas across Ontario. | An area-based index developed to quantify the degree of marginalization occurring across the province of Ontario. It is comprised of four major dimensions thought to underlie the construct of marginalization: residential instability, material deprivation, dependency and ethnic concentration. This dataset was created inhouse at ICES using data pulled directly from Toronto Community Health Profiles. | Toronto Community Health Profiles |
| Ontario Rheumatoid Arthritis Dataset (ORAD) | ORAD contains data on all Ontario rheumatoid arthritis patients identified since 1991. ORAD collects data for the purpose of improving the accuracy of Canadian health administrative databases in identifying patients with rheumatoid arthritis. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of rheumatoid arthritis diagnoses, incidence and prevalence and health care utilization trends among people living with rheumatoid arthritis in Ontario. | Contains both prevalent and incident cases from the beginning of the case-finding period. Created in-house at ICES and updated annually using data from CIHI and MOHLTC | MOHLTC |
| Vital Statistics – Deaths (ORGD) | ORGD contains information on all deaths registered in Ontario starting on January 1990, for the purpose of collecting data on causes of death, and contributing conditions. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in ascertainment of cause of death. | Includes underlying cause of death and immediate cause of death information. | ORG |
| Ontario Renal Reporting System (ORRS) | ORRS collects data on timely chronic kidney disease and renal dialysis, for the purposes of improving system performance, accountability and the quality of chronic kidney disease patient care in Ontario by reporting potential health indicators. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of kidney disease for patients attending pre-dialysis | Data primarily pertains to patients with End Stage Renal Failure, and also some patients with Acute Kidney Injury receiving outpatient dialysis will be captured. | cco |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|---|--|--|--|
| | | clinics and those receiving dialysis in an outpatient setting. | | |
| Ontario Stroke Registry (OSR) | The OSR is compiled to monitor and report on the quality of stroke care in Ontario. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of stroke and transient ischemic attacks. | Clinical data on patients with acute stroke (including ischemic stroke, intracerebral hemorrhage, and subarachnoid hemorrhage) or transient ischemic attack seen in the emergency department or admitted to hospital in Ontario. | 100+ Ontario Hospitals |
| Ontario Trauma Registry (OTR) | OTR identifies, describes and quantifies trauma (injuries) in Ontario. OTR collects data for the follow ing purposes: to collect, process and analyze summary data on hospital trauma separations, to contribute to the reduction of injuries and related deaths by identifying, describing and quantifying trauma, to increase aw areness of injury as a public health problem, to assist injury-prevention and treatment programs and to support injury-related approved analysis and research. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of Ontario trauma trauma injury events. | Contains information regarding trauma team activation upon the admittance of a trauma injury patient in one of the designated trauma center institutions in Ontario Contains information about trauma injury events not contained in other databases such as injury severity score, abbreviated injury scale, Glasgow Coma scale indicators | MOHLTC |
| Primary Care Access Survey (PCAS) | The PCAS is a cross- sectional voluntary telephone survey conducted by the Institute for Social Research at York University. PCAS collects data for the purpose of measuring the number of Ontarians w ho are able and unable to access a regular family doctor. Data details their experiences in attaining care, their health and sociodemographic characteristics. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of access to primary care in Ontario. | Data includes: Health Status Perceptions of the Health Care System in Ontario Family Doctor Status Practice Setting for Family Doctor Utilization of Primary Health Care Services Children's & Dependents' Access to Primary Health Care Services Telehealth Ontario – Aw areness and Use Sociodemographic OHIP Status | MOHLTC |
| Postal Code Conversion File (PCCF) | PCCF is a file disseminated by Statistics Canada's Data liberation Initiative which | The data are required to conduct analysis and compile statistical information with respect | Contains macros corresponding to each census year to link the postal codes with the geographic | Statistics Canada, Canada Post Corporation |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|---|---|---|-----------------|
| | links six-character postal codes to standard geographic areas such as dissemination areas, census tracts and census subdivisions. By linking postal codes to standard geographic areas, the file facilitates the extraction and subsequent aggregation of data for selected geographic areas. | to the evaluation, planning and monitoring of the health system, and to support related research, specifically by using postal code to identify census geographic variables | variables based on PCCF+ files since 1996 Geographic variables include neighbourhood income quintiles, census division, dissemination area, latitude/longitude, urban/rural | |
| Primary Care Population (PCPOP) | PCPOP is a population level dataset that includes all Ontarians who are deemed alive and eligible at a given point in time for the purpose of retaining information on the physician/group and family health team (FHT) that the patient is enrolled with. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of access to primary care, different interdisciplinary models, and physician reimbursement models. | Data includes: Basic demographic variables Chronic disease flags Hospital readmissions Screening – mammograms/pap/colo rectal Diabetic Care – eye exams/hba1c/lipids Selected specialist visits Number of core primary care visits to the patient's own physician, own group and total visits. Created in-house at ICES using date received from CCO and CIHI | CIHI, CCO |
| Ontario Multispecialty Physician Netw ork dataset (PHY SNET) | Physician Networks are groups of hospitals and physicians, primary care and specialists, which are responsible for the health care of a group of Ontario residents. Data are collected for the purposes of reporting existing patient flow to physicians and hospitals where their patients are admitted, determining structural characteristics, physician specialty and chronic disease strategies of high efficiency networks. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of linking patients and/or physicians to physician netw orks in Ontario. | Physician Networks are groups of hospitals and physicians (primary care and specialists) which are responsible for the health care of a group of Ontario residents The physician networks are designed around existing patterns of patient flow and not constrained geographically There are different sets of network datasets created according to different time periods | MOHLTC, CIHI |
| Ontario Paediatric Inflammatory Bow el Disease dataset (PIBD) | The PIBD database includes all Ontario patients whowere identified with Inflammatory Bowel Disease when they were aged 18 years or less since 1991, for the purpose of reporting. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically | Clinical data on all Ontario patients whowere identified with Inflammatory Bowel Disease (IBD, meaning Crohn's disease or colitis) when they were aged 18 years or less since 1991 Clinical data on all Ontario patients. | MOHLTC, CIHI |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|--|--|--|
| | | related to the incidence and prevalence of Inflammatory Bowel Disease for children in Ontario. | | |
| The Pediatric Oncology Group of Ontario Netw orked Information System (POGONIS) | POGONIS contains detailed clinical information on childhood cancer cases in Ontario, specifically diagnosis, treatment, complications and long-term outcomes. POGNOIS data are collected for the purposes of monitoring the incidence and prevalence of childhood cancer, the demand for cancer care, the nature and specifics of cancer treatment, patient outcomes and long-term effects of childhood cancer and cancer treatment. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of pediatric cancer care. | Data on childhood cancer cases in Ontario since 1985, including diagnostic information on pediatric cancer patients, specifics of cancer treatment, and patient outcomes | Pediatric Oncology Group of Ontario |
| Ontario Intercensal Population Estimates and Projections (POP) | Files contain inter-censal and post-censal estimates of the Canadian population by sex and age for the purpose of producing statistics on population, resources, economy, society and culture. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research. | Contain inter-censal and post-censal estimates of the Ontario population by sex, age, and geographic areas since 1981 | MOHLTLC |
| Canada Inter- censal Estimates (POPCAN) | Files contain inter-censal and post-censal estimates of the Canadian population by sex and age for the purpose of producing statistics on population, resources, economy, society and culture. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research. | Contain intercensal estimates of the Canadian population by sex and age since 1971 | Statistics Canada |
| Resident Assessment Instrument (RAI) - Contact Assessment (RAICA) | RAICA is a short screening assessment completed for adults at the time of intake to home and/or palliative care. RAICA records essential clinical information on the urgency for home care service, need for further in-depth assessments, and need for specialized services. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of home care. | Demographic information and reason for home care referral Home care screening items and modular assessments | HSSO |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|--|--|--|---|-----------------|
| Inter-Resident Assessment Instrument (RAI) - Home Care Assessment System (RAIHC) | RAIHC informs and guides comprehensive care and service planning in community-based settings. Data are collected for the purpose of focusing on the individuals functioning and quality of life by assessing needs, strengths, and preferences, and facilitates referrals and determining formal health care or supportive services options. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area(s) of home care. | Demographic information and reason for home care referral Home care assessment information | HSSO |
| Resident Assessment Instrument (RAI) - Home Care (MOHLTC) (RAIHCMOH) | The RAIHCMOH database is compiled for the purpose of informing and guiding comprehensive care planning in the current home care environment. Data are used to evaluate needs, strengths, and preferences of elderly clients of home care agencies. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the area of home care. | Demographic information and reason for home care referral. Home care assessment information | MOHLTC |
| Reference Files (Look-up Tables) (REF) | REF contains detailed information on various geographic variables used in conducting population level analysis. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically by identifying geographic area information through look-up tables. | Contains various geographic- related look-up tables. (e.g. Dissemination Area can be linked with other geographic variables such as income quintile) | MOHLTC, CIHI |
| Registered Persons Database (RPDB) | The RPDB database provides demographic information on any individual who has ever received an Ontario health card number, for the purpose of reporting. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in areas of measurement of patient outcomes such as death. | Basic demographic information on every patient who has ever received an Ontario health card number | MOHLTC, CIHI |
| Same Day Surgery Database (Annual) (SDS) | SDS contains patient-level data for day surgery institutions in Ontario. Every record corresponds to one same-day surgery or procedure stay. Each individual data set | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related | Diagnosis and intervention data Demographic data (e.g. age, sex, FSA) Provider (e.g. specialty) data | MOHLTC, CIHI |

| Data Holding | Purpose of Data | Need for Data in | Description of Data | Source |
|--|---|---|--|--|
| | Holding | Relation to the Purpose | | |
| | contains cases from one fiscal year. Compiled to support management decision making at the hospital, regional and provincial/territorial levels, facilitate provincial and national comparative reporting, support related approved analysis and research and support the development and use of case-mix and resource utilization grouping methodologies. | research, specifically in the areas of ambulatory surgical care. | | |
| Same Day Surgery Database (Quarterly) (SDSQ) | SDSQ contains patient-level data for day surgery institutions in Ontario. Every record corresponds to one same-day surgery or procedure stay. Each individual data set contains cases from one fiscal year. Compiled to support management decision making at the hospital, regional and provincial/territorial levels, facilitate provincial and national comparative reporting, support related approved analysis and research and support the development and use of case-mix and resource utilization grouping methodologies. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of ambulatory surgical care. | Diagnosis and intervention data Demographic data (e.g. age, sex, FSA) Provider (e.g. specialty) data Data received at ICES on a quarterly basis | MOHLTC, CIHI |
| The Applied Research Group for Kids - TARGet Kids! (TARGET) | A research study of healthy children aged 0-5 years. The aim of the TARGet Kids! registry is to link early life exposures to health problems including obesity, micronutrient deficiencies, and developmental problems. Children are enrolled in the TARGet Kids! registry through their pediatrician or family doctor's offices during regularly scheduled doctor's appointments. Information collected includes height, w eight, | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of child and family health. | Health-related self- and parent-ratings (e.g., re: healthy behaviours, child development), measures of child grow th, and nutrition-related biomarkers | Sick Kids Hospital and St. Michael's Hospital |

| Data Holding | Purpose of Data Holding | Need for Data in Relation to the Purpose | Description of Data | Source |
|---|---|--|---|--------------------------------------|
| | w aist circumference, lifestyle factors (nutrition, physical activity and amount of screen time) and a blood sample | | | |
| Trillium Gift of Life Network (Organ/Tissue Donation Ontario) (TGLN) | TGLN contains donor and transplant recipient information that is used by the provincial agency responsible for coordination of organ and tissue donation and transplantation in Ontario. | The data are required to conduct research, specifically in the areas of organ donation and transplantation. | Individual level recipient and donor data TGLN links organ donor and transplant recipient information across Ontario from the years 1991 to 2014 Contains information on deceased patients w ho w ere referred for organ donation, w hether their families' w ere approached and w hether consent w as given for organ donation | TGLN |
| TeleLink Mental Health Program (TLMHP) | TLMHP contains data on children and adolescents who received mental health services through Ontario's Child and Youth Tele-Link Mental Health Program. The data are collected for the purpose of administering the program. | The data are required to conduct analysis and compile statistical information with respect to the evaluation, planning and monitoring of the health system, and to support related research, specifically in the areas of child and youth mental health and addictions in Ontario. | Demographic information Referral characteristics (reason for referral, family structure, mental health concerns) and clinical assessment measures (diagnosis, counseling and medication recommendations) | CHEO, CPRI, Sick Kids Hospital |

Appendix C - Approved Data Linkages

| # | Project Title | ICES Data |
|---|--|--|
| 1 | "At Home" Research Demonstration Project in Mental Health and Homelessness | |
| | , | CPDB CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAIHC |
| | | SDS CENSUS |
| | | RPDB ADP |
| | | CAPE OHCAS |
| | | ONMARG |
| | | "At Home" Research Demonstration Project in Mental Health and Homelessness |
| 2 | "Place of Care" - A Novel Quality Indicator for Assessing End-of-Life Care | CPDB IPDB |
| | | DIN |
| | | LHIN PCCF |
| | | INST AVGPRIŒ |
| | | STDPRIC E CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS BAICA |
| | | RAICA RAIHC |
| | | SDS ASTHMA |
| 1 | | CHF COPD |
| 1 | | HIV HYPER |
| 1 | | ODD OMD |
| 1 | | CENSUS RPDB |
| | | CAPE ONMARG |
| | | ORGD |
| | | |
| 3 | 5ARI association with cardiactailure The Canadan perspedive | DIN PCCF REF |
| | | DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | HYPER ODD |
| | | OMD CONTACT |
| | | RPDB |
| | | getacg CHF |
| | | OCR |
| 4 | A Community Paramedicine Initiative for Older Adults Living in Subsidized Housing: Expanding to other communities (CHAP-EMS) | CHAP-EMS Study Dataset_ICES PIA Amendment |
| | A comparison of atrial fibrillation after early stage breastcancer with cancer-free women | IPDB |
| 5 | A comparison oratial ioriliation alies early stage breast carries with carriers women | DIN PCCF |
| | | PEE |
| | | AVGPRICE ESTSOB DAD |
| | | NACRS ODB |
| | | OHIP |
| | | SDS CHF COPD |
| | | HYPER |
| | | ODD OMD |
| | | CENSUS CONTACT |
| 1 | | RPDB OLIS |
| 1 | | ALR NDFP |
| | | OBSP |
| 1 | | OCR ORGD |
| 1 | | |
| 6 | A comparison of heart failure after early stage breast cancer with cancer-free women | IPDB |
| | | DIN PCCF |
| 1 | | REF AVGPRIŒ |
| | | ESTSOB |
| 1 | | DAD NACRS ODB |
| 1 | | OHIP |
| 1 | | SDS CHF |
| | | COPD HYPER |
| | | ODD OMID CENSUS |
| 1 | | CONTACT |
| | | RPDB OLIS |
| | | ALR NDFP |
| 1 | | OBSP |
| | | OCR ORGD |
| L | | |
| 7 | A comparison of Revision Rates for artificial disc replacement to standard fusion | LHIN PCCF REF |
| 1 | | DAD |
| | | NACRS OHIP |
| | | |
| | | CHF OMID |
| | | CHF OMID |
| | | CHF OMD CENSUS CONTACT POP |
| | | CHF OMD CENSUS CONTRCT FPDB ORCO |
| | | CHF OMD CENSIS CONTACT POP RPDB |

| # | Project Title | ICES Data |
|---------------------|--|-------------------------------|
| 8 A descriptive | analysis of gunshot wound injuries in Ontario | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | REF INST CCRS |
| | | DAD HCD |
| | | HOBIC NACRS NRS |
| | | ODB OHIP OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHM A CHE |
| | | A CHF COPD HIV HYPER |
| | | MOMBABY OCCC |
| | | ODD OMD |
| | | ORAD CENSUS CONTACT |
| | | POP RPIB HCES |
| | | ADP CAPE CENSUSDA |
| | | EMRALD |
| | | CCHS OCR PCPCP |
| | | ORGD |
| 9 A multi-juris dio | ctional study to determine the impact of repeated immunization on influenza vaccine effectiveress in young children | DAD NACRS OOB |
| | | OHIP SDS |
| | | ASTHMA CHF |
| | | COPD HIV MOMBABY |
| | | ODD RPDB OCR |
| | | FSTSOB |
| | | |
| 1) A Multi-Provin | ce Approach to Real World Evidence Development for Cancer Drugs: A Case Study of Melanoma | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | SDS ADP |
| | | ALR NDFP OCR |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | AVGPRICE ESTSOB CENSUS |
| | | CENSUS CONTACT POP |
| | | RPDB |
| 1 A Personalize | d Approachto the Epidemiology of Heart Failure in Diabetic Patients Undergoing Cardiac Procedures (Diabetic Heart Failure) | DAD OHIP |
| | | ASTHM A CHF COPD |
| | | HYPER ODD |
| | | CENSLS RPDB CCN |
| | | INST CCRS NACRS |
| | | DIN ODB |
| | | OMHRS ETHINIC OMD |
| | | POP OUS |
| 2 A Personalize | d Prediction Model for Disease-Related and All-Cause Hospital Readmission for Patients with Inflammatory Bowel Disease | HCN GRS |
| | | PCCF DAD NACRS |
| | | OHIP SDS |
| | | OCCC CONTACT RPDB |
| | | TOH IBD Admissions |
| 8 A population b | ased study to compare neurosurgical outcomes in Ontario hospitals with and without a residency program | DIN LHIN |
| | | PCCF REF DAD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | SDS CHF |
| | | COPD HYPER ODD |
| | | RPDB CCN |
| | | Survey Data |
| | tudy of the Toxicity and Effectiveness of High-Dose Interferon for High-Risk Melanoma | CPDB |
| # A Population S | | POP CAPE ESAS |

| # | Project Title | ICES Data |
|----|---|--------------------------------------|
| 5 | A Population-based Assessment of Opioid Use Before and After Total Joint Arthroplasty | CPDB |
| | | IPDB DN LHIN |
| | | PCCF REF |
| | | INST AVGPRICE |
| | | STDPRIC E CCRS |
| | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP |
| | | OMHRS SDS ASTHMA |
| | | CHF COPD |
| | | HYPER ODD |
| | | OMID ORAD CENSUS |
| | | CONTACT POP |
| | | RPDB ADP |
| | | HCDMOH |
| | | OCCI CAPE GAPP |
| | | OHCAS ONMARG |
| | | ESTSOB |
| 16 | A POPULATION-BASED MATCHED COHORT STUDY OF HEALTHCARE RESOURCE UTILIZATION IN PATIENTS. WITH MYELOPROLIFERATIVE NEOPLASMS | CPDB |
| 1 | NEOPLASMS | IPDB DIN |
| 1 | | LHIN PCCF REF |
| 1 | | INST |
| 1 | | AVGPRICE ESTSOB CCRS |
| 1 | | DAD |
| 1 | | HCD NACRS NRS |
| 1 | | NRS ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC |
| | | SDS CENSUS CONTACT |
| | | RPDB |
| | | ALR NDFP OCR |
| | | getacg % getchemocost |
| | | % getradiation cost |
| 7 | A population-based study evaluating patient outcomes following surgery for spinal metastases | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | CCRS CORR DAD |
| | | HCD |
| | | HOBIC NACRS |
| | | ODB OHIP RAICA |
| | | RAICA ASTHM A CHF |
| | | COPD |
| I | | HYPER ODD CENSUS |
| 1 | | RPDB ORGD ALR |
| I | | ALR |
| 8 | A population-based study of health outcomes of HIV-exposed uninfeded children using Ontarids administrative databases | IPDB |
| I | | PCCF DAD NACES |
| 1 | | ODB OHIP |
| I | | HIV MOMBABY |
| I | | NO. METAL TO CENSUS CONTACT |
| I | | RPDB |
| 1 | | ADP CAPE GAPP |
| 1 | | OHCAS OCCI |
| | | ORGD CIC |
| | | MCT |
| 19 | A population-based study of individuals with schizophreria and correctional involvement | INST DAD NACRS |
| 1 | | NACRS OHIP OMHRS |
| 1 | | MCSCS |
| 2) | A Population-Based Study to Quantify the Risks of Opioid Analgesics in Pregnancy | |
| I | • • • | DIN PCCF REF |
| 1 | | DAD NACPS |
| I | | ODB OHIP SDS |
| I | | SUS MOMBABY CEMELIE |
| 1 | | MOMBABY CENSUS CONTACT RPDB |
| 1 | | RPDB NMS ORGD |
| | | OND |
| 1 | | |

| # | Project Title | ICES Data |
|----|--|---------------------------------------|
| 21 | A Prescribing Cascade Involving Caldium Channel Blockers and Diumic Agents | IPDB PCCF ESTSOB |
| | | DAD HCD NACRS ODB |
| | | OHIP |
| | | CENSUS RPDB CENSUSOA HCDMOH |
| | | HCDMOH OHCAS ALR |
| | | OCR ORGD |
| | | POGONIS ASTHMA CHF |
| | | COPD CCCC ODD |
| | | ODD OMID ORAD |
| | | |
| 22 | A Prescribing Cascade Involving Cholinesterase Inhibitors | REF AVGPRŒ ESTSOB |
| | | CCRS CORR DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS SDS |
| | | CHF COPD HYPER |
| | | ODD OMID |
| | | CENSIS RPDB ADP |
| | | CAPE GAPP |
| | | OCCI OHCAS DEMENTIA |
| 70 | A procephing earcada involving apparentinoide and distrate agents | |
| | A prescribing cascade involving gabapentinoids and diuretic agents | IPDB INST CCRS |
| | | DAD NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS CHF |
| | | COPD HYPER |
| | | ODD CENSUS CONTACT |
| 1 | | CONTACT RPDB |
| 24 | A retrospective cohort study of healthcare utilization following paravertebral blocks for chronicaxial spine pain in Ontario, Canada | CPDB IPDB |
| | | DIN |
| | | LHIN PCCF REF |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS SDS |
| | | SDS CENSUS CONTACT |
| | | POP RPDB ADP |
| | | ADP CAPE NMS |
| | | |
| ž | A Retrospective Population-Based CohατStudy of the Use of Docetaxel-Based Chemotherapylor Metastatic Prostate Cancer (PHASE1) | Symptom Management Reporting Database |
| ž | A retrospective study on the clinical effectiveness of radiofrequency ablation (RFA) for chronicaxial spinepain in Ontario | IPDB DIN |
| | | LHIN PCCF REF |
| | | INST DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS ODD |
| | | CENSUS CONTACT POP |
| | | POP RPDB ONMARG CCRS |
| | | HCD |
| | | NRS ADP CAPE NDFP |
| | | NDFP |
| 27 | A risk prediction score for the development of incident CKD using administrativedata | PCCF AVGPRŒ |
| | | ESTSOB CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB OHIP |
| | | OMHRS RAIHC |
| | | SDS ASTHMA CHF |
| | | COPD HYPER ODD |
| | | OMD RPDB |
| 1 | | REF HYDER |
| | | HYPER ODD |

| # | Project Title | ICES Data |
|----|--|--|
| 28 | A sub-projectof "Risk of Pediatric and Adolescent Cancer Associated with Medical Imaging" | DAD NACRS |
| 1 | | OHIP MOMBABY |
| | | RPDB |
| | AC Chulus Manikaring transfe in the grouplesse of HIV/and according to feet the second of the control of the co | onen. |
| 25 | AC Study: Monitoring trends in the prevalence of HIV and associated factors among African Calibbean People in Ontario | CPDB DAD NACRS |
| | | OHIP OMHRS |
| | | ASTHM A HIV |
| | | ODD OMID |
| | | RPDB CAPE |
| | | OUS |
| _ | | A/C Study Data |
| 30 | Accelerated Canadian AppliCation of Evidence to Practice Through Monitoring of Outcomes Research team Endeavour (ACCEPT-MORE) | CPDB IPDB DIN |
| | | LHIN HCD |
| | | NRS ODB |
| | | OMHRS ASTHM |
| | | A ORAD ORGD |
| | | PCCF REF |
| | | OLIS ONMARG |
| | | ALR CIC |
| | | |
| 3 | Access to Care Across the Transition from Adolescence to Young Adulthood: Mental Health Service Use Among Transition - Age Youth in Ontario | CPDB IPDB |
| 1 | | IP DB DIN LHIN |
| 1 | | PCCF REF |
| | | INST AVGPRIGE ESTSOB |
| | | DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP SDS |
| | | ASTHMA CHF COPD |
| | | HYPER OCCC |
| | | ODD |
| | | ORAD CENSUS RPDR |
| | | RPDB ONMARG ORGD |
| | | CENSUS CIC |
| | | |
| 2 | Access to Electronic Medical Record (EMR) data for CNODES studies of drug effects and as a platform for pragmatic trials | DIN OLIS |
| | | OCR ORGD |
| | | |
| 33 | Access to Kidney Transplantation: Ontario Renal Program Reports | PCCF REF |
| | | CORR RPDB |
| | | ORRS TGLN DAD |
| | | OHIP SDS |
| | | |
| 34 | Access to medical abortion care in Ontario | CPDB IPDB |
| 1 | | DIN LHIN REF |
| | | REF ODB OHIP |
| 1 | | CENSLS RPDB |
| 1 | | |
| 35 | Access to Optimal Treatment for Patients Diagnosed with the Most Common Cancers in Ontario | PCCF REF |
| | | REF DAD NACRS |
| | | OHIP |
| 1 | | SDS CONTACT RPDB |
| | | ORGD ALR |
| 1 | | NDFP OCR |
| 1 | | getacg |
| | | |
| 35 | Access to Outpatient Care for Transgender Individuals After Discharge From Psychiatric Hospitalization or Emergency Department Visit in Ontario | LHIN DAD NACRS |
| 1 | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHMA CHF |
| 1 | | COPD HIV HYPER |
| 1 | | OCCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | RPDB ONMARG OCR |
| | | Transgender Client's Health Information |
| L | | Taraganaa Cildii a riddii illiullidiiuli |

| # | Project Title | ICES Data |
|----|---|---|
| 3 | Access to the kidney transplantwaitlistacross OntarioCKD programs | CPDB IPDB |
| | | DIN |
| | | PCCF INST |
| | | CCRS DAD HCD |
| | | NACRS ODB |
| | | OHIP |
| | | OMHRS RAIHC |
| | | SDS CONTACT |
| | | RPDB ADP DEMENTIA |
| | | getacg |
| 38 | Accumulating Disabilities After Penetrating Trauma (ADAPT) | OCR DAD NACRS |
| | | ODB |
| | | OHIP RPDB |
| | | |
| 39 | Accumulating multimorbidity: the role of depression, socioeconomic status, and other factors | DAD NACRS |
| | | ODB |
| | | OHIP ASTHMA |
| | | CHF COPD |
| | | HYPER ODD |
| | | OMD ORAD |
| | | CONTACT RPDB |
| 1 | | NPHS CCHS |
| | | |
| 4 | Accuracy of Ontario Health Administrative Databases in Identifying Patients with Obesity | IPDR. |
| | | IPDB DIN LHIN |
| | | PCCF REF |
| | | CORR DAD |
| | | NACRS ODB OHIP |
| | | OHIP OMHRS |
| | | SDS CENSUS |
| | | CONTACT POP |
| | | RPDB OLIS |
| | | NRS Cemer Height and Weight Values |
| | | |
| 4 | Achieving Hepatitis C Elimination in Canada; Addressing the Needs of the Diverse Groups at Risk | CCRS CPRO |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | RPDB ADP |
| | | CAPE LOC |
| | | OHCAS OLIS ORGD |
| | | CIC |
| | | OCR orteon |
| | | gelacq SPHE:PHV PHOL |
| | | Hepatitis 1997-2014 |
| | | PHO Laboratory Hepatitis C (HCV) and Hepatitis B (HBV) data |
| Ą | ACHRU Community Partnership for Diabetes Self-Management Study 1: High System Users | |
| 1 | | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| 1 | | DAD HCD |
| 1 | | NACRS ODB |
| 1 | | OHIP SDS |
| | | CENSUS |
| 1 | | CONTACT RPDB ERCLAIM |
| | | HCDMOH NPHS |
| 1 | | OHS ONMARG |
| | | NDFP |
| 1 | | OCR ORGD ESAS |
| | | 1 |
| -8 | Acute and chronic kidney injuryin nations with cirrhode | CPDB |
| 40 | Acute and chronic kidney injury in patients with cirrhosis | IPDB |
| | | DIN LHIN CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| 1 | | OHIP SDS MOMBABY |
| 1 | | CONTACT |
| 1 | | RPDB OLIS |
| | | ORGD Cirrhosis Cohort BHO Morcellia R and C lab data |
| | | PHO Hepatitis B and C lab data |
| | | |
| 4 | Acute Kidney Injury as a Result of Co-Administration of Quetapine and Macrolide Antibiotics | OMHRS |

| -5 | Acute Kidney Injury Follow-Up Clinic | DAD ORGD |
|----|--------------------------------------|--|
| | | OLIS ORRS Sunnybrook Acute Kidney Injury Registry |
| | | Acute Kidney Injury Follow-up Clinic Database and Controls |
| | | Sunnybrook Controls and UHN Clinic |
| | | Acute Kidney Injury Follow-up Clinic |

| # | Project Title | ICES Data |
|----|--|--|
| -6 | Acute Kidney Injury in Patients with Cancer | DIN LHIN PCCF |
| | | REF |
| | | CORR DAD NACES |
| | | NACRS ODB OHIP |
| | | OHIP SDS RPDB |
| | | ALR OCR |
| | | ORGD NDFP |
| | | |
| 4 | Acute Pain Management and Long-term Opioid Use after Surgery (POP Study) | IPDB PCCF DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HYPER MOMBABY |
| | | ODD ORAD CONTACT |
| | | RPDB CAPE |
| | | ONMARG CCRS |
| | | HCD NRS OMHRS |
| I | | ADP |
| 1 | | DEMENTIA gelacg |
| -8 | Addressing Comorbidities to Improve Independence after Stroke in Ontario | IPDB |
| • | Company Companyes a unbrase unabarrains qua serve u Omero | DIN LHIN |
| | | PCCF REF |
| 1 | | INST DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | HYPER CENSUS |
| | | CONTACT RPDB ONMARG |
| | | ETHNIC DEMENTA |
| | | OMHRS SDS |
| | | ORGD CHF |
| 9 | Addressing the health and economic burden of Lyme disease Amultidisciplinary approach | |
| | Addressing the nearly and economic but dir or cyrine disease Annuludisciplinary applicacit | IPDB CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | SDS |
| | | CHF COPD HYPER |
| | | ODD OMD |
| | | RPDB ADP |
| I | | CAPE LOC OHCAS |
| I | | PHO Lyme |
| I | | Disease Data |
| I | | OCR |
| 1 | | Dataset #1: Integrated Public Health Information System (IPHIS) Lyme disease dataset |
| 20 | Adenosine dipnospnate receptor innibitors in adults over 65 with acute cordiary syndrome | Dataset #2: Public Health Ontario Laboratory (PHOL) Lyme disease dataset DIN per |
| | | REF DAD NACRS |
| 1 | | ODB OHIP |
| 1 | | SDS ASTHMA |
| 1 | | CHF COPD |
| I | | HYPER ODD CENSUS CONTACT |
| 1 | | POP |
| 1 | | RPDB ORGD |
| | | |
| 51 | Adenotons illectomy outcomes: influences of patient, hospital and physician factors | CPDB IPDB |
| I | | IPDB DIN PCCF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | ASTHM A |
| | | CONTACT POP RPDB |
| I | | RPDB NMS CPPC |
| | | ONMARG |
| | | |

| # | Project Title | ICES Data |
|----|---|----------------------------------|
| 2 | Adherence to Risk Reduction after Stroke/ITA: The Role of Cognitive Impairment and Mood Symptoms | IPDB |
| | | PCCF REF INST |
| | | CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP OM/IRS |
| | | HYPER ODD |
| | | CENSUS RPDB |
| | | OLIS DOC Utility |
| _ | | |
| 53 | Advanced Statistical Methods for Understanding the Impactof a Provincial Program to Screen for Symptoms on Health Service Use | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS CENSUS RPDB |
| | | ALR NDFP |
| | | OCR ISAAC |
| | | CIC |
| 54 | Advanced statistical models using information on functional status and symptom burden for predicting mortality among patients with cancer | CPDB |
| | | LHIN PCCF REF |
| 1 | | AVGPRIŒ ESTSOB |
| | | DAD HCD NACRS |
| 1 | | ODB |
| 1 | | OHIP RAICA RAIHC |
| 1 | | RAIHC ASTHM A CHF |
| | | COPD HYPER |
| 1 | | ODD OMD |
| 1 | | ORAD CENSLS |
| | | RPDB CAPE ORGD |
| | | ALR OCR |
| | | ESAS |
| | | No official name |
| | | |
| 5 | Advancing Primary Healthcare for Persons Living with HIV in Canada (The Living with HIV Innovation Team) | ASTHMA CHF |
| | | COPD HYPER |
| | | MOMBA BY OCCC |
| | | ODD OMD ORAD |
| | | DEMENTIA |
| | | |
| 55 | Adverse respiratory events as sociated with synthetic or all camabinoid use amongolder adults with COPD | IPDB DIN |
| | | PCCF REF DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | CHF COPD HIV |
| | | HYPER ODD |
| 1 | | OMID |
| 1 | | RPDB ORGD |
| 1 | | OCR |
| 57 | Aeroallergens and emergency room visits for cardovæcular diseases: effect modification by comorbid health conditions | DAD |
| | | NACRS CDB OHIP |
| | | OHIP ASTHMA RPDB |
| | | exposure_aeroallergenss as7b dat |
| 5 | Aggegate Morbidity of diverting loop ileostomy: from formation to closure | IPDB LHIN |
| | | PCCF |
| 1 | | REF INST DAD |
| 1 | | NACRS OHIP |
| | | SDS RPDB |
| 1 | | OCR CORR ONMARG |
| 1 | | |
| 9 | Air pollution and the transition of health states | DAD NACRS ODB |
| | | OHIP |
| | | SDS ASTHMA CUE |
| 1 | | CHF COPD HYPER |
| | | HYPER ODD OMID |
| | | CENSUS CONTACT RPDB |
| | | NPHS |
| 1 | | ONMARG ORGD OCR |
| 1 | | OCH COHS COHS |
| L | | OPHECE |
| | | |

| | - · · · - · · | 1070 5 / |
|----|--|-----------------------------|
| # | Project Title Air pollution, medications, and morbidity and mortality | ICES Data |
| | | DAD NACRS ODB |
| | | OHIP SDS |
| | | ASTHMA CHF |
| | | COPD HYPER ODD |
| | | ODD OMD CENSUS |
| | | CENSUS CONTACT RPDB |
| | | NPHS |
| | | ONMARG ORGD |
| | | OCR OPHECE |
| | | getacg OHS OPHECE |
| | | |
| 9 | Air Quality and Health Outcomes (AQHO) in Ontario: Outreach & Communication of AQHI | INST DAD |
| | | NACRS OHIP SDS |
| | | ASTHMA CHF |
| | | COPD HYPER ODD |
| | | OMD |
| | | CENSUS POP |
| | | RPDB ONMARG |
| | | OCR ORGD |
| 1 | | data_aqhi |
| | | |
| 62 | All-cause and cardio-renal-metabdic mortality in people with type 2 diabetes: a comparative international trend study | DIN PCGF REF |
| 1 | | CORR |
| 1 | | DAD NACRS |
| | | ODB OHIP SDS |
| 1 | | HYPER |
| 1 | | ODD CENSUS |
| | | CONTACT POP |
| | | RPDB ETHNIC |
| | | ORGD |
| | | DAD |
| 6 | Allocation of hospital-based ambulatoryclinic visit costs to patients | DAD NACIPS OHIP |
| | | MS MS |
| 1 | | |
| 64 | Allocation of physicians to mental health care of children and youth by MCYS service areas | CPDB |
| | | IPDB DIN |
| 1 | | REF AVGPRICE CCRS |
| | | CCRS CORR DAD |
| | | HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS MOMBABY |
| | | CONTACT RPDB |
| | | ADP CAPE |
| | | GAPP |
| | | OCCI OHCAS OUIS |
| | | |
| # | Alpha-blocker use among community dwelling elderly in Ontario | IPDR |
| w | | IPDB DIN PCCF |
| | | PCCF REF DAD |
| 1 | | NACRS ODB |
| | | OHIP SDS CONTACT |
| | | CONTACT RPDB OLIS |
| | | OLIS GDML |
| | | |
| 66 | An administrative data model for predicting the risk of glaucoma filtration surgery revision based on pre-operative patient risk factors | IPDB DIN |
| 1 | | LHIN PCCF REF |
| | | REF INST DAD |
| 1 | | NACRS |
| | | ODB OHIP |
| 1 | | SDS ODD CENSUS |
| | | CENSUS CONTACT POP |
| 1 | | POP RPDB ONMARG |
| | | ASTHMA CHE |
| | | ASTHMA CHF COPD |
| 6 | An assessmentofopiod prescribing behavioursin Ontarian family physicians before and after ECHO | HYPER IPDB PCCF |
| | | REF |
| | | CORR DAD NACPS |
| 1 | | DAD NACRS ODB OHIP |
| | | OHIP OMHRS ASTHMA |
| 1 | | ASTHMA CHF ODD |
| | | ORAD CENSUS |
| 1 | | CONTACT RPDB CAPE |
| | | CAPE ONMARG |
| 1 | | ONMARG CIC |
| | | |

| An evaluation of the advices of risk displaced by the process of risk ground in the state of the state o | # | Project Title | ICES Data |
|--|----|---|--|
| An evaluation of platemass of milks placemas somety, such search and resolution for the milks of the search o | | | IPDR |
| An excitation of printerregarded outcomes, globalize of taying birth security, apprinted to the control of the printed printed outcomes, globalize of taying birth security, apprinted to the control of the contro | | | REF |
| A visitable of patentispotest curciones, patents at any supplement severy, supplement can be browned to the control flow of the control flow | | | NACRS |
| An explaight of the Assessment Services and Provided Assessment Management Services and Provided Assessment Services and Provided Assessment Services Assessment | | | OMHRS |
| A construction of the discussion of patients and patients and programs to entry, sow was and healthcare coals for insufacionare functions (ME 16) A construction of the discussion as all relating processes therefore the entry of t | | | CENSUS |
| As introvides intrihidological regionals for the evaluation of three access deprivate is assessment private state of the control of the | | | POP |
| An evaluation of the description of read process and properties a leading section to the control of the co | | | RPDB |
| An evaluation of placemany process pulsarines of symptoms severally, summal and healthcase case for neucoencida ten tumques (NES) Processions Pro | | | CAPE |
| Not evaluation of participations of successing planes is easily, revended and healthcase case for neutrodiscus or Computer (No. 1) and the succession of the | | | OLIS |
| # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An exhaustion of the affectiveness of rinking glaucoma therapers # An e | | | ECHO clinicians |
| In an explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the discoverines of orbital glaucoma for register If we explanation of the disco | 69 | An evaluation of patient reported outcomes, patterns of symptoms severity, survival and healthcare costs for neuroendocine tumours (NETs) | CPDB IPDB |
| # Company | | | DIN LHIN |
| An evaluation of the effectiveness of missi glaucional Europeas An evaluation of the effectiveness of missi glaucional Europeas An evaluation of the effectiveness of missi glaucional Europeas Fig. 1 An evaluation of the effectiveness of missi glaucional Europeas Fig. 1 An evaluation of the effectiveness of missi glaucional Europeas Fig. 1 An evaluation of the effectiveness of missi glaucional Europeas Fig. 1 An evaluation of the effectiveness of missi glaucional Europeas Fig. 1 | | | PCCF |
| ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An entire allower methodological approach for the enablastors of bread cancer (Signodic as tax strong) processes of Others ## An enablastory in the enablastors of the enablastors of bread cancer (Signodic as tax strong) ## An enablastory in the enablastors of the enablastors o | | | AVGPRŒ |
| An evaluation of the effect-vends of ministriplacement ferriginal An evaluation of the evaluation of the evaluation of three-vends evaluation of three-vends evaluation of the evaluation of three-vends evaluation of the evaluation of the evaluation of three-vends evaluation of the evaluation of the evaluation of three-vends evaluation of the evaluation of | | | CCRS |
| Note the state of the effects and finding gloucome florages Note the state of the effects because of rating gloucome florages Note the state of the effects because of rating gloucome florages Note the state of the effects because of rating gloucome florages Note the state of the effects because of rating gloucome florages Note the state of the effects because of the effects becaus | | | DAD |
| Oose Oose Oose Oose Oose Oose Oose Oose | | | NACRS |
| An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies | | | NRS ODB |
| An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies | | | OHIP OMHRS |
| An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies An evaluation of the effectiveness of initial glaucoma therapies Fig. 1 An evaluation of the effectiveness of initial glaucoma therapies Fig. 1 An evaluation of the effectiveness of initial glaucoma therapies Fig. 1 An evaluation of the effectiveness of initial glaucoma therapies Fig. 1 An evaluation of the effectiveness of initial glaucoma therapies Fig. 1 An evaluation of the effectiveness of initial glaucoma therapies Fig. 2 Fig. 2 Fig. 3 Fig. 3 | | | RAICA RAIHC |
| ## An evaluation of the effectiveness of railiant glaucoma flar agrees ## An evaluation of the effectiveness of railiant glaucoma flar agrees ## An evaluation of the effectiveness of railiant glaucoma flar agrees ## Post | | | SDS |
| An encovative methodological approach for the evaluation of three excence relaginations as was entered processes in Chistro An encovative methodological approach for the evaluation of three accence relagination cases entered processes in Chistro An encovative methodological approach for the evaluation of three accence relagination cases entered processes in Chistro An encovative methodological approach for the evaluation of three accence relagination cases entered processes in Chistro An encovative methodological approach for the evaluation of three accence relagination cases entered processes in Chistro An encovative methodological approach for the evaluation of three accence relagination cases entered processes in Chistro An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (ITADS) An encovative Tital Assessing Control Ses on Recipient Mortally (| | | RPDB |
| An evaluation of the effectiveness of initial glaucoma therspies An evaluation of the effectiveness of initial glaucoma therspies Property of the property of the property of the evaluation o | | | ONMARG |
| An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the effectiveness of initial glaucoma franciples In No. 1979 An evaluation of the evaluation | | | ALR NDFP |
| 8 An evaluation of the effectiveness of initial glaucoma therapies Page 1970 Page 1970 | | | OCR ESAS |
| An innovative methodological approach for the evaluation of bread cancerdagnosic assessment processes in Critario An innovative methodological approach for the evaluation of bread cancerdagnosic assessment processes in Critario An innovative methodological approach for the evaluation of bread cancerdagnosic assessment processes in Critario An innovative methodological approach for the evaluation of bread cancerdagnosic assessment processes in Critario CODIC CODI | | | |
| An innovative methodological approach for the evaluation of bread cancerdagnosic assessment processes in Critario An innovative methodological approach for the evaluation of bread cancerdagnosic assessment processes in Critario An innovative methodological approach for the evaluation of bread cancerdagnosic assessment processes in Critario An innovative methodological approach for the evaluation of bread cancerdagnosic assessment processes in Critario CODIC CODI | | | |
| An innovative methodological approach for the evaluation of bread cancerdiagnosis assessment processes in Oriento An innovative methodological approach for the evaluation of bread cancerdiagnosis assessment processes in Oriento An innovative methodological approach for the evaluation of bread cancerdiagnosis assessment processes in Oriento An innovative methodological approach for the evaluation of bread cancerdiagnosis assessment processes in Oriento An innovative methodological approach for the evaluation of bread cancerdiagnosis assessment processes in Oriento Final Control F | 70 | An evaluation of the effectiveness of initial glaucoma therapies | IPDB LHIN |
| An innovative Trial Assessing Donor Sex on Recigiant Mortality (TADS) An innovative Trial Assessing Donor Sex on Recigiant Mortality (TADS) An investigation of the Association between Mistabolic Screening Analyses and Birrubin Levels in Ontario Newborns An investigation of the Association between Mistabolic Screening Analyses and Birrubin Levels in Ontario Newborns An investigation of the Association between Mistabolic Screening Analyses and Birrubin Levels in Ontario Newborns An investigation of the Association between Mistabolic Screening Analyses and Birrubin Levels in Ontario Newborns An investigation of the Association between Mistabolic Screening Analyses and Birrubin Levels in Ontario Newborns An investigation of the Association between Mistabolic Screening Analyses and Birrubin Levels in Ontario Newborns An investigation of the Association between Mistabolic Screening Analyses and Birrubin Levels in Ontario Newborns An investigation of the Association between Mistabolic Screening Analyses and Birrubin Levels in Ontario Newborns An investigation of the Association between Mistabolic Screening Analyses and Birrubin Levels in Ontario Newborns | | | INST |
| An innovative methodological approach for the evaluation of breats cancerdisgnostic assessment processes in Ontario An innovative methodological approach for the evaluation of breats cancerdisgnostic assessment processes in Ontario An innovative methodological approach for the evaluation of breats cancerdisgnostic assessment processes in Ontario Pros. An innovative methodological approach for the evaluation of breats cancerdisgnostic assessment processes in Ontario Pros. Pros. Cont. Con | | | CPRO DAD |
| An innovative methodological approach for the evaluation of breast cancerdiagnostic as sessment processes in Orterio An innovative methodological approach for the evaluation of breast cancerdiagnostic as sessment processes in Orterio PRIS LIFE REF REF REF REF REF REF REF | | | NACRS |
| Coff On HYPER OD OD OD CINEUS P.P.P. 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Orbario 3. An innovative methodological approach for the evaluation of the eva | | | |
| HYPER ODD CRISUS POPE CAPE CAPE CAPE CAPE CAPE CAPE CAPE CA | | | CHF |
| Composition of the Association between Metabolic Screening Analytes and Billrubin Levels in Ontario Newborns An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (| | | HYPER |
| ### Processes in Ontario ### Processes in Onta | | | ODD OMD |
| CAPE COMUNIC COR CR | | | CENSUS POP |
| OMANG CCC GRID AT THAN COPD An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Ontario POB POB POR POCP REF CCRS DAD NACRS NACRS ORSP COMINET RPDB COMINET | | | RPDB |
| An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Ontario PDB LINI PCCF PRC RST CCRS DAD NACRS NRS CORE CORE CORE CORE CORE CORE CAPE CAPE CAPE CAPE CAPE CAPE CAPE CAP | | | ONMARG |
| An innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Ontario PPB | | | |
| An Innovative methodological approach for the evaluation of breast cancerdiagnostic assessment processes in Ontario PDB UEN PCCF RCCF RCCF RCCF RCCF RCCF RCCF RCCF | | | ORGD ASTHMA |
| POB Den Pob Pop | | | COPD |
| POB Den Pob Pop | 7 | An innovative methodological approach for the evaluation of breast cancerdiannosic assessment processes in Optario | CPDR |
| PCCF REF REF REF REF REF REF REF REF REF RE | | | IPDB |
| INST CCRS DAD NACRS NACRS NACRS NAS CONHUS CENSUS CCNTACT RPDB CAPE CMMARG ALC NORP COMMARG ALC NORP CORS OBSP COR PHYSINET Criterio Breast Scienting Program Breast Assessment Sites INS CCRS DAD NACRS ON NACRS | | | PCCF |
| DAD HCRS NACRS NOB OHP OMHRS SIDS CENSUS CENSUS CONTACT CAPE ONMARG ALR AND HOPP OSSP OCR PHYSINET Ontatio Breast Screening Program Breast Assessment Sites I an innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) ON CCRS DAD NACRS ODB OCH HYPER ODB OCH OCH HYPER ODB OCH | | | INST |
| NACRS NRS COB ORIF ORIF ORIF ORIF ORIF ORIF ORS CCHSUS CCHSUS CCHSUS CONTACT RPDB CAPE ONMARG AUR MDP OBSP OCR PHYSNET Ortal Beast Sceening Program Breast Assessment Sites I An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) I An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) I An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) I DAD NACRS OOB ORIF OFF OFF OFF OFF OFF OFF OFF OMD CONTACT RPDB Donor Information I An investigation of the Association between Metabolic Screening Analytes and Billirubin Levels in Ontario Newborns I An investigation of the Association between Metabolic Screening Analytes and Billirubin Levels in Ontario Newborns I DAD NACRS OND | | | DAD |
| NRS ODB ORB ORB ORB SISS CENSUS CONTACT RPDB CAPE ODRAG OR | | | NACRS |
| COHER CHARS | | | NRS ODB |
| CENSUS CONTACT RPDB CONNAMA CAR CIC CIC NDFP OBSP ORSP ORSP COR PHYSNET Ortato Breast Assessment Sites Innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) DN CCRS DAD HOP CHP CHF HYPER COD OM ONE CHP CHF HYPER COD OM ONE COR ONE CHP | | | OHIP |
| CONTACT RPDB CAPE OWARG OSP OCR PHYSNET Ortal o Brasst Sceening Program Bresst Assessment Sites DAD NACRS OB OHP CHP CHP CHP CHP CHP CHP CHP CHP CHP C | | | SDS CENSUS |
| CAPE CONNARG CAPE CONNARG ALR CCC CBSP OCR PHYSNET Oratio Beast Scienting Program Breast Assessment Sites 2 An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) DAD NACRS OCB OHP CHF HYPER COMD CONTACT RYPE Dover Information 5 An Investigation of the Association between Metabolic Screening Analytes and Billirubin Levels in Ontario Newborns MACRS MIGNES MIGRA MIGNES MIGRA MIGNES MIGRA MIGNES MIGNES MIGRA MIGRA MIGRA MIGRA MI | | | CONTACT |
| AR CIC NOTE OCE NOTE OCE NOTE OCE PHYSNET Otatio Breat Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) DN CCRS OCR | | | CAPE |
| NDP OBSP OBSP OCR PITYSNET Orter/o Breast Scienting Program Breast Assessment Sites Z An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) DN CCRS DAD NORS NDRS NDRS OCHP CHF HYPER ODD OM OM OND OM O | | | ALR |
| OSSP CCR PHYSNET Ontato Beast Scenning Program Breast Assessment Sites 2 An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) ON CCRS DAD NACRS OB OHP CHP CHP CHP CHP CHP CHP CHP CHP CHP C | | | NDFP |
| PHYSNET Ontato Beast Scienting Program Breast Assessment Sites An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) DAD NACRS OB OHP CHF HYPER OMID CONTACT RYPB Dover Information An investigation of the Association between Metabolic Screening Analytes and Billirubin Levels in Ontario Newboms NACRS MIGNES BPB BPB | | | OBSP OCR |
| An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) DN CCRS DAD NACRS OOB CHF HYPER OOD OMID CONTACT RPDB Dorer Information 8 An Investigation of the Association between Metabolic Screening Analytes and Bilirubin Levels in Ontario Newboms MACRS OHP MORRAR BPDB | | | PHYSNET |
| CCRS DAD MCRS OND MCRS OHIP CHF HYPER ODD OMID CONTACT RPDB Dorr Information 8 An Investigation of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 An Investigation of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 Application of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 Application of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 Application of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 Application of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms | | | Ontario Breast Screening Program Breast Assessment Sites |
| CCRS DAD MCRS OND MCRS OHIP CHF HYPER ODD OMID CONTACT RPDB Dorr Information 8 An Investigation of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 An Investigation of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 Application of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 Application of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 Application of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms 8 Application of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms | 72 | An innovative Trial Assessing Donor Sex on Recipient Mortality (ITADS) | DIN |
| NACRS COB COB CHIP OF PR PYPER ODD OMD CONTACT RPDB Dorar Information 8 An Investigation of the Association between Metabolic ScreeningAnalytes and Billirubin Levels in Ontario Newboms NACRS NACRS ODD OMD CONTACT RPDB Dorar Information B AN Investigation of the Association between Metabolic ScreeningAnalytes and Billirubin Levels in Ontario Newboms NACRS NACRS RPDB RPDB | | | DAD |
| CHF HYPER ODD OMID CONTACT RODD Own D Own D CONTACT RODD Down Information 8 An Investigation of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newboms MACRS OHIP MORA 88' RPDB | | | NACRS ODB |
| #YPER COD COD COMD COMT COPRECT Doror Information The Investigation of the Association between Metabolic ScreeningAnalytes and Billirubin Levels in Ontario Newborns Thus NACRS COMPARY BYDS COMPARY BYDS BYDS BYDS BYDS BYDS BYDS BYDS BYD | | | CHF |
| OMD CONTACT RPDB Dorar Information The Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The An Investigation of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The An Investigation of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic ScreeningAnalytes and Billrubin Levels in Ontario Newborns The Annual Contact of the Association between Metabolic | | | HYPER |
| Doors Information The Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newborns An Investigation of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newborns NACHS ONURS ARY REPORT | | | OMD |
| The state of the Association between Metabolic ScreeningAnalytes and Bilirubin Levels in Ontario Newborns OHIP MORBABY RPDB | | | |
| OHP MOMABY RPDB | | | |
| OHP MOMABY RPDB | 73 | An Investigation of the Association between Metabolic Screening Analytes and Bilirubin Levels in Ontario Newborns | DAD NACRS |
| RPDB | | | OHIP |
| Cus | | | RPDB |
| | | | |
| | | | |

| # | Project Title | ICES Data |
|----|--|--|
| 74 | Analyzing the Risk of Motor Vehicle Collisions Following Opioid Therapy Initiation | IPDB LHIN |
| | | PCCF AVGPRŒ |
| | | ESTSOB CCRS CORR |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHMA CHF COPD |
| | | HIV HYPER |
| | | MOMBA BY OCCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | RPDB ADP |
| | | CAPE ACG MACRO |
| | | IPDB ASTHMA |
| | | CHF COPD |
| | | HYPER ODD |
| | | OMD ORAD |
| 1 | | getacg |
| ā | Annual Stroke Report Cards FY201617 | LHIN PCCF INST |
| 1 | | PCCF INST CCRS |
| 1 | | DAD HCD |
| 1 | | NACRS ODB |
| | | OHIP SDS CENSUS |
| | | CENSUS RPDB ONMARG |
| | | ALR |
| | | CIC OCR ESAS |
| | | Hospital Resource Survey for Stroke Services - Acute, Rehabilitation, Stroke Prevention Long-term care facilities |
| | | |
| 76 | Antibiotic and Medication Use Among Children with Asthma in Ontario | IPDB DIN |
| | | LHIN PCCF REF |
| | | INST DAD |
| | | NACRS ODB OHIP |
| | | OMHRS |
| | | ASTHM A ODD |
| | | CENSUS CONTACT POP |
| | | RPDB ONMARG |
| | | ORGD CIC |
| | | SDS OCR |
| | | Antibiotic Use in Children - DIN List |
| 77 | ANTIBIOTIC CHOICEAND LONG-TERM CAPOUTCOMES | CCRS CPRO |
| 1 | | DAD HCD |
| | | HOBIC NACRS NIPS |
| | | NRS ODB OHIP |
| | | CHF HYPER |
| | | ODD OMD |
| | | CONTACT RPDB ADP |
| | | ADP ONMARG ORGD |
| 1 | | CAP_TOHSAS7BDAT |
| 78 | Antibiotic use in Ontario: Avalidation analysis of a novel dataset | IPDB |
| 1 | | DIN ODB |
| | | OHIP RPDB |
| 79 | Anticoagulation for Stroke Prevention in congestive heartfailure | Xponent DIN |
| | | DIN PCCF REF |
| | | INST DAD |
| | | NACRS ODB OHIP |
| | | OHIP SDS CHF |
| | | COPD HYPER |
| | | ODD CENSUS |
| | | CONTACT RPDB ORGD |
| 1 | | ORGD OCR |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|----|--|-----------------------------------|
| 80 | Antidepressants and other drug therapies as replacements for antipsycholics: Assessing medication substitution in Canadian nuising homes | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | INST CCRS |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | ODB OHIP OMHRS |
| | | OWINGS RAIHC CHF |
| | | COPD HYPER |
| | | ODD OMID |
| | | CONTACT RPDB |
| | | DEMENTIA |
| | | |
| 81 | Anti-hypertensive drugs and riskofkeratinocyte cardnoma: Population-basedstudy | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | REF INST AVGPRŒ |
| | | ESTSOB |
| | | CCRS DAD HCD |
| | | NACRS |
| | | NRS ODB |
| | | OHIP OMHRS SDS |
| 1 | | CENSUS CONTACT |
| 1 | | POP RPDB ADP |
| 1 | | CAPE |
| | | GAPP OCCI OHCAS |
| | | ONMARG |
| 1 | | OCR ORGD |
| 82 | Antimicrobial prescribing in older Ontario adults and associated diagnoses | CPDB |
| 1 | | DIN DAD NACES |
| | | ODB |
| | | OHIP SDS POP |
| | | RPDB |
| | | |
| 8 | Antipsychotic Deprescribing in Long-Term Care: Unintended Consequences | CPDB IPDB DIN |
| | | LHIN |
| | | PCCF REF INST CCRS |
| | | CCRS |
| | | DAD HCD NACRS |
| | | ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC CHF HYPER |
| | | ODD |
| | | OMD POP RPDB |
| 1 | | RPDB ONMARG OCR |
| 1 | | |
| 84 | Applying RCT criteria for new cardiovascular therapies in the CANHEART study | CPDB IBDB |
| 1 | | IPDB LHIN PCCF |
| 1 | | ESTSOB DAD |
| | | NACRS ODB |
| 1 | | OHIP OMHRS SDS |
| 1 | | SUS CENSUS |
| 1 | | CENSUS CONTACT RPDB CAPE |
| 1 | | CAPE ONMARG PCPOP |
| 1 | | ACG |
| L | | |
| 85 | Apporaches to phenotype identification using biomedcal text data | CPDB IPDB |
| 1 | | DIN LHIN |
| 1 | | PCCF REF |
| 1 | | CCRS CPRO DAD |
| 1 | | DAD HCD NACRS |
| 1 | | NRS |
| 1 | | ODB OHIP OM/RS |
| 1 | | OMHRS SDS ASTHM |
| 1 | | A CHF COPD |
| 1 | | HIV HYPER |
| 1 | | OCCC ODD OMD |
| 1 | | OPAD |
| 1 | | CENSUS POP RPDB |
| 1 | | RPDB CAPE CENSUSTA |
| 1 | | CENSUSOA ONMARG POPCAN |
| 1 | | |
| | | |

| Secretary and Advanced primary in the control of th | # | Project Title | ICES Data |
|--|----|---|---------------------|
| ### Appropriate and in the control of the control o | | | IPDB |
| A Parameter of Management of the Contract action in a Roof Over 6 Projection in Contract action in the Contract action in a Roof Over 6 Projection in Contract action in the Contr | | | REF |
| Appropriate reason of Pharmachers and Pharmachers on an Read-Chief Brogadaban. Appropriate reason of Pharmachers and Pharmachers on an Read-Chief Brogadaban. | | | DAD |
| Personal and the second and the seco | | | OHIP |
| Appropriamment of the contract list 2 Apriment section in a fleasing for the contract list 2 Apriment section in a fleasing fleas | | | CONTACT |
| Assessing details and resolute for the foreign foreign foreign foreign of the later of the control of the later of the later of the later of the control of the later | | | RPDB |
| Assessing details and resolute for the foreign foreign foreign foreign of the later of the control of the later of the later of the later of the control of the later | | | |
| As a service to before and region road to bound and to this planting the road or bounded contraction of country Contract. As a service to before and region road to bound and to this planting the road or bounded country Contract. As a service to be a service to be a service to bound and to this planting the road or bounded to this planting the road of | 87 | Appropriateness of Parenteral B12 Administration in a Real-World Population | IPDB DIN |
| Accounting such dates and read and read and read and such area and fully administrators Accounting such dates and please To been facultural by planning for rate of change of the such and such | | | REF |
| Assessing and Authors alregion risk for love it south of the south of | | | CCRS |
| Assessing and Addressing from the Superinson flower to Care Bronzess Chairo Assessing and Addressing from the Superinson flower to Care Bronzess Chairo Assessing and Addressing from the Superinson flower to Care Bronzess Chairo Assessing and Addressing from the Superinson flower to Care Bronzess Chairo Assessing and Addressing from the Superinson flower to Care Bronzess Chairo Assessing and Addressing from the Superinson flower to Care Bronzess Chairo Assessing and Addressing from the Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinson flower to Care Bronzess Chairo Assessing delay to Care Superinso | | | NACRS ODB |
| Assessing into Material follower in the follower in the first interest of the section of the private first interest contents of the section of the private first interest of the section o | | | SDS |
| Reaction and Authorizing Health Chapter Seal Authorized Southern Stage Principle of Inhalactical Southern Controls, Canada Southern Stage Principle of Inhalactical Southern Stage Principle of Inhalacti | | | ODD CENSIS |
| Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled and represent successes accorded with material Top administration Assessing showled accorded accorde | | | CONTACT RPDB |
| Account of the control of the contro | | | getacg |
| Account of the control of the contro | | Are and words a hilldren at higher right for hann freques (Sunhein alto rate of lighted arcticoderaid use in Octorio Connella | inna. |
| ### Assessing Initiate Call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined with materials Table patriorise and on the call and nooreal locationes assessined and materials Table patriorise and on the call and nooreal locationes and on the call and nooreal location | | nacional designo i naciono e naciono: exploring ine tote o initialed da scoserfoid Useri Offario, danada | INST |
| ### Assessing and Addressing Health Disputition Related to Utilization of Prevention Claims Standard Claims Account Claims Acc | | | DAD NACRS |
| Assessing and Addressing Health Dispartisor Related to Utilization of Proventies Care Bendeson Chinario Assessing and Addressing Health Dispartisor Related to Utilization of Proventies Care Bendeson Chinario Let Control Assessing and Addressing Health Dispartisor Related to Utilization of Proventies Care Bendeson Chinario Let Control Assessing and Addressing Health Dispartisor Related to Utilization of Proventies Care Bendeson Chinario Let Control Assessing and Addressing Health Dispartisor Related to Utilization of Proventies Care Bendeson Chinario Let Control Assessing and Addressing Health Dispartisor Related to Utilization of Proventies Care Bendeson Chinario Let Control Assessing and Addressing Health Dispartisor Related to Utilization Chinario Assessing and Addressing Health Dispartisor Related to Utilization Assessing and Addressing Health Dispartisor Relate | | | OHIP |
| Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation to Utilization of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation of Prevention Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services in Chitario Assessing and Addressing Health Disparation Carin Services | | | ASTHM |
| Assessing and Addressing Health Disparties Related to Utilization of Proventive Care Services in Chiero Assessing and Addressing Health Disparties Related to Utilization of Proventive Care Services in Chiero Particular Assessing and Addressing Health Disparties Related to Utilization of Proventive Care Services in Chiero Control | | | POP RPDB |
| Assessing and Addressing Interfall Disparation Related to Utilization of Preventive Carlo Services in Chairle Assessing and Addressing Interfall Disparation Related to Utilization of Preventive Carlo Services in Chairle Assessing and Addressing Interfall Disparation Related to Utilization of Preventive Carlo Services in Chairle Control Con | | | ONMARG CIC |
| ### Assising observal and neovabilious consess scalated with maternal Tday administration ################################### | | | OCR |
| ### Assising observal and neovabilious consess scalated with maternal Tday administration ################################### | L | | |
| ### Assessing obstatrical and neonatal outcomes as accided with instarral Tdap adminstration #### Assessing obstatrical and neonatal outcomes as accided with instarral Tdap adminstration ################################### | 89 | Assessing and Addressing Health DisparitiesRelated to Utilization of Preventive Care Services in Ontario | IPDB LHIN |
| Second S | | | REF AVGPRIŒ |
| ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertical and necrotable outcomes as octated with maternal Tidgs administration ## Assessing detertion and necrotable outcomes as o | | | ESTSOB CCRS |
| See Supplemental and nonabilioubcomes associated with maternal Tday administration 8 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 8 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 9 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 1 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 2 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 3 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 4 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 5 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 5 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 5 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 5 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 5 Assessing deleterical and nonabilioubcomes associated with maternal Tday administration 5 Assessing deleterical and nonabilioubcomes associ | | | HCD |
| Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as sociated with maternal Tdap administration B Assessing deletrical and neonate outcomes as | | | NACRS NRS |
| Assessing observal and neorabil outcomes associated with maternal Tdap administration Assessing observal and neorabil outcomes associated with maternal Tdap administration Page | | | OHIP |
| Ending CENTER ADP COP COP COP COP COP COP COP C | | | SDS ODD |
| S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical and neonatal outcomes as ociated with maternal Total administration S Assessing obstatical | | | CENSUS |
| S Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 8 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration 9 Assessing obstetrical and neonatal outcomes associated with maternal Tdap adminis tration | | | RPDB ADP |
| As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outcomes as sociated with maternal Tdap administration Popularies As sessing obstatical and neonatal outc | | | GAPP OCCI |
| Assessing obstet/cal and neonatal outcomes associated with maternal Tdap adminis tration ### Assessing obstet/cal and neonatal outcomes associated with maternal Tdap adminis tration ################################### | | | OHCAS |
| Assessing observical and neonatal outcomes associated with maternal Tdap administration 8 Assessing observical and neonatal outcomes associated with maternal Tdap administration 8 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration 9 Assessing observical and neonatal outcomes associated with maternal Tdap administration | | | OCR DIN |
| CCC MERCH SEARCH | | | ASTHMA HIV |
| Case of the control o | | | OCCC |
| Assessing obstetrical and necroatal outcomes associated with maternal Tdap administration 8 Assessing obstetrical and necroatal outcomes associated with maternal Tdap administration 8 Assessing obstetrical and necroatal outcomes associated with maternal Tdap administration 9 Assessing obstetrical and necroatal outcomes associated with maternal Tdap administration 9 PDB CUS CENSUS CONTROT FPDB CUS CONTROT FPDB CUS CONTROT FPDB CUS CONTROT FPDB FCCF FCCF FCCF FCCF FCCF FCCF FCCF FC | | | OLIS |
| Resessing obstatrical and neonatal outcomes associated with maternal Tdap administration 8 Assessing obstatrical and neonatal outcomes associated with maternal Tdap administration 9 POB DNA NACRE OUT POP OF POP | | | NMS CIC |
| ### ################################## | | | PCPOP CHF |
| B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration B Assessing obstetrical and necreated outcomes associated with maternal Tdap administration | | | HYPER |
| S Assessing obstetical and neonatal outcomes associated with maternal Tdap administration 8 Assessing obstetical and neonatal outcomes associated with maternal Tdap administration 9 CORR CORR CORR CORR CORR CORR CORR COR | | | ORAD LOC |
| Assessing obstetrical and neonatal outcomes associated with maternal Tdap administration PDB DN PPCF REF CORR DN | | | OTR ORGD |
| Bell Help Help Help Help Help Help Help H | 90 | Assessing obstetrical and neonatal outcomesassœiated with maternal Tdap administration | CFDR |
| Assessing obstetrical and negratal outcomes associated with maternal Tdap administration Assessing obstetrical and negratal outcomes associated with maternal Tdap administration FOR RPDS OLS ASSESSING Obstetrical and negratal outcomes associated with maternal Tdap administration FOR RPDS OLS ASSESSING Obstetrical and negratal outcomes associated with maternal Tdap administration FOR RPDS OLS ASSESSING Obstetrical and negratal outcomes associated with maternal Tdap administration FOR RPDS OLS ASSESSING Obstetrical and negratal outcomes associated with maternal Tdap administration FOR RPDS OLS ASSESSING Obstetrical and negratal outcomes associated with maternal Tdap administration FOR RPDS OLS ASSESSING Obstetrical and negratal outcomes associated with maternal Tdap administration FOR RPDS OLS COP | | | DIN LHIN PCCF |
| Assessing obstetical and negratal outcomes associated with maternal Tdap administration 3 Assessing obstetical and negratal outcomes associated with maternal Tdap administration PDB DN | | | CORR |
| OB OHES SES CENSIS CENS | | | DAD NACRS |
| SSS CENSUS CONTACT RPDB OUS 3 Assessing obstetical and neonatal outcomes associated with maternal Tdap administration #PDB DIN DIN PCCF REF CORR DIA | | | ODB OHIP |
| Assessing obstetical and negratal outcomes associated with maternal Tdap administration PDB DN DN DN PCCF REF CORR DAD NACRS ONIP SIS ASTHM A CHF COP | | | SDS |
| Assessing obstetrical and neonatal outcomes associated with maternal Tdap administration PDB BB BB BB BB BB BB BB BB B | | | CONTACT POP |
| 3 Assessing obstetrical and necreatal outcomes associated with maternal Tdap administration PDB DN PCCF REF CORR DAD NACRS OOB OHP B B B B B B B B B B B B B B B B B B B | | | RPDB |
| DN H H P CCF REF CORR DAD NACRS OOB OHIP STREET ACTION OF COPD HYPER ODD CENSUS CONTACT RPPB OUS ETHING CCHS CCHS CCHS CCHS CCN COM | | | |
| LIIN PCCF REF CORR DAR DAR DAR DAR DAR DAR DAR DAR DAR D | 91 | Assessing obstetrical and necnatal outcomes associated with maternal Tdap administration | DIN |
| CORR DAD NORS ORI | | | LHIN PCCF |
| NACRS OOB OHP SOS SHAM ASTMM ASTMM COPP HYPER OOD CENSUS CONTACT POP RYPB OUS ETHIC CHS COHS CHS CONTACT CHS CONTACT COPP CONTACT COPP CONTACT | | | CORR |
| OHIP SISS ASTHM A CHF COPD HORR ODE CONTACT POP RPDB OUS ETHING CCHS CONTACT POP RPDB OUS ETHING CCHS CCHS CCHS CCHS CCHS CCHS CCHS CCH | | | NACRS ODB |
| ASTMM A CHF COPD HYPER CENSIS CONTACT POP RPDB OUS ETHING CCHS CCHS CCHS CCHS CCHS CCHS CCHS CCH | | | OHIP SDS |
| HYPER ODD CENSUS CONTACT POP RPDB OUS E HHNC CCHS CCHS CCHS CON CCHS CON CCHS CON | | | ASTHM |
| CONTACT POP RPIGE POP RPIGE CHS CCHS CCN CCC COM CCM COME | | | HYPER |
| RPDB OLIS ETHNIC CCHS CCN CC GDML | | | CENSUS |
| OUS ETHING CCHS CCN CGM CGML GGML | | | RPDB |
| CCHS CCN CC COM COM COM COM COM COM COM COM COM | | | OLIS ETHNIC |
| GOM. | | | CCHS CCN |
| OCR ORGD CIC | | | CIC GDML |
| | | | OCK ORGD CIC |
| | | | |

| # | Project Title | ICES Data |
|--------|--|----------------------------------|
| # 2 | Assessing Renal Function during Pregnancy | PCCF |
| | | REF CORR DAD |
| | | NACRS |
| | | OHIP SDS MOMBABY |
| | | RPDB GDML |
| | | ODD BORN |
| | | ous |
| 9 | Assessing the Provision, Patterns, and Costs of Waiting for Rheumatology Care a step towards optimizing the Care of Rheumatic Diseases | CPDB |
| | 700000 ilg sto 100000, audini, and 0000 011 and g of Khoanaabay) od ka dap official openizing sto data of Khoanaab Dadaoo | IPDB DIN |
| | | LHIN REF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHM |
| | | A CHF COPD |
| | | HYPER OCC ODD |
| | | OMD ORAD |
| | | CENSIS |
| | | CONTACT POP RPDB EMRALD |
| | | EMRALD annivs |
| | | gpphys PCPcP PCCF |
| | | |
| 94 | Assessing the Relationship Between Air Pollution and APGAR Scores in Ontario, Canada | DIN DAD |
| | | NACPS SDS |
| | | RPDB |
| | | OPHECE |
| 95 | Assessment of an evidence practice gap at the population level: Screening for osteoporosis in Ontario | IPDB LHIN |
| | | DAD NACRS |
| | | ODB OHIP CENSUS |
| | | CENSUS RPDB DIN |
| | | DIN |
| 95 | Assessment of the Impact of the Ontario Fentanyl Patch for Patch Return Program | DIN |
| | | PCCF REF DAD |
| | | NACRS |
| | | ODB OHIP RPDB |
| | | DDARD |
| | | |
| 9 | Assessment of the variation in the care of stage III Non Small Cell Lung Cancer | ALR |
| 98 | Association between Acute Care Hospitalizations and Development of Mental Health Conditions Among Older Adults | inan |
| | Association between Acute Care incapitalizations and bevaupment of weiltan included to Antony Gluen Adults | IPDB DIN PCCF |
| | | PCCF REF INST |
| | | AVGPRICE CCRS |
| | | DAD HCD |
| | | HOBIC NACRS |
| | | NRS ODB |
| | | OHIP OM/RS |
| | | RAICA RAIHC |
| | | SDS CHF COPD |
| | | HYPER ODD |
| | | OMID CENSUS |
| | | CONTACT POP |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | OHCAS ONMARG |
| | | OCCI ESTSOB |
| | | |
| 9 | Association between alcohol retail accessand alcohol-related harms | DIN LHIN |
| | | PCCF REF |
| | | CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS RAIHC |
| | | SDS ASTHM A CHF |
| | | COPD |
| | | HIV HYPER |
| | | MOMBABY OCCC ODD |
| | | ODD OMD ORAD |
| | | ORAD ADP GAPP |
| | | GAPP OCCI OHCAS |
| | | ONMARG |
| Щ | | Off-premise alcohol stores |

| # Project Title Association between allopursol and renal outcomes in diabetes: a population-tased retrospective cohorts tudy Project Title Association between allopursol and renal outcomes in diabetes: a population-tased retrospective cohorts tudy Project Title Project T | |
|--|--|
| ### PASSOCIATION Deliver maternal perturatis vaccination during prognancy and early childhoodhealth outcomes #### Association between maternal perturatis vaccination during prognancy and early childhoodhealth outcomes ################################### | |
| CORR DATE CORR DATE CORR DATE CORR CORR AS SHAM A CHP COPP COPP COPP CORD CORD CORD CORD CORD CORD CORD CORD | |
| Association between denosumabuse and outcomes amongwomen diagnosed with breast cancer in Ontario Association between denosumabuse and outcomes amongwomen diagnosed with breast cancer in Ontario CRAD CRAD CRAD CRAD CRAD CRAD CRAD CRA | |
| Septiment of the composition of the composity of the composition of the composition of the composition of th | |
| Association between denosumabuse and outcomes amongwomen diagrosed with breast cancer in Onlairio Association between denosumabuse and outcomes amongwomen diagrosed with breast cancer in Onlairio Association between maternal pertus sis vaccination during pregnancy and early-childhoodhealth outcomes Association between maternal pertus sis vaccination during pregnancy and early-childhoodhealth outcomes PDB DN UNIN REF CCRS DAD NACRS ORIP ORIP ORIP ORIP ORIP ORIP ORIP ORIP | |
| #YPER CCCC CCCC OMD ORAD CENSUS CONTROT OUS ORCD OX | |
| CCC CCC CCC CCC CCC CCC CCC CCR CENSUS CCNTACT R/DS CCC CCC CCC CCC CCC CCC CCC CCC CCC C | |
| CAD CENSUS CONTACT CHISUS CONTACT CONT | |
| E Association between denosumabuse and outcomes amongwomen diagnosed with breast cancer in Ontario E SISTUB DAD NACRS CHEP RPDB ORGD RASSOCIATION between maternal pertussis vaccination during pregnancy and early-childhoodhealth outcomes PDB DN REF RST CCRS DAD DAD NACRS CHEP RST CCRS DAD DN REF RST CCRS DAD DN REF RST CCRS DAD DAD DAD DAD DAD DAD DAD DAD DAD DA | |
| Association between denosumabuse and outcomes amongwomen diagnosed with breast cancer in Ontario ESTSCE DAD WARP RPDB CCCI ORCD Association between maternal pertus sis vaccination during pregnancy and early childhood health outcomes PDB DN LINN REF NSTS COB ORD Association between pre-pregnancy renal function and maternal and fetal outcomes DAD CCR CCCI ORCD Association between pre-pregnancy renal function and maternal and fetal outcomes CPDB PDB CCR CCPD LINN LINN LINN LINN LINN LINN LINN LIN | |
| Association between denosumabuse and outcomes amongwomen diagnosed with breast cancer in Ontario Association between denosumabuse and outcomes amongwomen diagnosed with breast cancer in Ontario DAD NACRS OHIP RPDB OCCI ORCD PDB DN LIHN LIHN LIHN RET CCRS DAD NACRS OCBS OCHP COPD HW HYPER OCD CCPD HW HYPER OCD CCRS CAS CAS CAS CAS CAS CAS CAS CAS CAS CA | |
| Association between denosumabuse and outcomes amongwomen diagrosed with breast cancerin Ontario Association between denosumabuse and outcomes amongwomen diagrosed with breast cancerin Ontario By Association between maternal perturs as vaccination during pregnancy and earlychildhoodhealth outcomes PDB DN UHIN REF | |
| Association between maternal pertussis vaccination during pregnancy and earlychildhoodhealth outcomes PDB DN LINN REF NST CCR CCR COMP SDS COMP S | |
| Association between maternal pertussis vaccination during pregnancy and earlychildhoodhealth outcomes PDB DN LINN REF NST CCR CCR COMP SDS COMP S | |
| Association between maternal pertursis vaccination during pregnancy and early-childhoodhealth outcomes PDB DN UHN REF RCF RCPB OAD NACRS COB GAIP SIDP COPP HW HYPER COD CENSUS CORT COPP RPDB COR Association between pre-pregnarcy/renal function and maternal and fetal outcomes CPB PDB PDB PDB PDB PDB PDB PDB PDB PDB P | |
| Association between maternal pertussis vaccination during pregnancy and earlychildhoodhealth outcomes PDB DN LINN REF NST CCRS ONE | |
| DNM REF REF NST CCRS DAD NACRS COB OB O | |
| DNM REF REF NST CCRS DAD NACRS COB OB O | |
| DNM REF REF NST CCRS DAD NACRS COB OB O | |
| INST CCRS DAD NAGE DAD NAGE OHP SIDS CHF COPD HIV HYPER CCPB CENSIS CONTACT POP RPDB CCR Association between pre-pregnarcyrenal function and maternal and fetal outcomes PDB UNIN | |
| DAD NACRS COB COB COB COB CHF COPD HIV HYPER COD COB CONTACT POP RPDB CCR Association between pre-pregnarcyrenal function and maternal and fetal outcomes PDB | |
| COB CHIP SIDE COPD HIV HYPER COD CENSUS COWNACT RPDB COR Association between pre-pregnarcyrenal function and maternal and fetal outcomes CPDB PDB COR | |
| SSS CHF COPD HIV HYPER CODD CENSUS CONTACT POPB CCR CCR | |
| COPD HIV HYPER CODD CENSIG CONTACT POP RPDB COR Association between pre-pregnarcyrenal function and maternal and fetal outcomes PDB PDB PDB PDB PDB PDB PDB PDB PDB PD | |
| HYPER COD CENSUS CONTACT POP RPDB COR S Association between pre-prognarcy renal function and maternal and fetal outcomes CPDB PDB PDB PDB PDB PDB PDB PDB PDB PDB | |
| CENSUS CONTACT CONTACT POP RPDB OCR Association between pre-pregnancyrenal function and maternal and fetal outcomes CPDB PDB PDB PDB PDB PDB PDB PDB PDB PDB | |
| RPDB CCR Association between pre-pregnancyrenal function and maternal and fetal outcomes CPDB PDB DN HINN | |
| Association between pre-pregnancyrenal function and maternal and fetal outcomes CDB PDB DN HINN HINN HINN THEN | |
| IPOB UN IHIN | |
| I HIN | |
| LHIN | |
| PCG REF | |
| INST | |
| CCRS DAD HCD | |
| HOBIC NACRS | |
| NACAS NRS ODB | |
| OHP OHRS | |
| RAIGA RAIGC | |
| SDS | |
| ASTHM A CHF COPD | |
| HIV HYPER | |
| MOISE ARY OCCC | |
| COD CARD | |
| ORAD CENSUS CONTACT | |
| POP | |
| RPCB HCES | |
| ADP CAPE CENSUSCA | |
| EMRALD | |
| CCHS OCR PCPCP | |
| COB CRAD | |
| | |
| Association between Primary Care PhysicianPayment Models and Health-related Quality of Life: Evidence from Ontario, Canada CDB PDB | |
| DN LHIN | |
| PCCF REF | |
| INST CCRS DAD | |
| HCD HCBIC | |
| NACRS | |
| NRS OOB OHIP | |
| OHIP OMRIS RAICA | |
| RAICA RAIHC SIS | |
| ASTHM A CHF | |
| COPD HIV HYPER | |
| HYPER MONBABY OCCC | |
| ODD | |
| OMD ORAD CENSUS | |
| CONTACT | |
| POP RPDB HCBS | |
| HCES ADP CAPE | |
| CENSUSOA EMPALD | |
| CCHS OCR PCPCPP | |
| РСРОР | |
| | |

| # | Project Title | ICES Data |
|-----|--|---|
| 105 | Association between schiz ophrenia and adherence to medications for secondary stroke prevention | IPDB DIN PCCF |
| | | REF |
| | | DAD NACRS ODB OHIP |
| | | OMHRS |
| | | HYPER ODD |
| | | CENSUS RPDB |
| | | ORGD OSR |
| | | |
| 106 | Association between the availability of registered respiratory therapists and healthcareutilization of people with COPD | IPDB LHIN CCRS |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | OHIP |
| | | OMHRS SDS ASTHMA |
| | | CHF |
| | | HYPER ODD |
| | | RRT |
| 107 | Association between the built environment and incident cardiovas cular disease | IPDB |
| | | DIN LHIN PCCF |
| | | REF |
| | | DAD NACRS ODB |
| | | OHIP |
| | | SDS ASTHM A CHF |
| | | COPD HYPER |
| | | ODD OMD CENSUS |
| | | CONTACT |
| | | RPDB CCHS |
| | | CIC ETHNIC ORGD |
| | | ORGD WALKABILITY GDML |
| | | EMRALD OPHECE OPHECW |
| | | OPHECW OLIS OMHRS |
| | | OMHRS Food Environmentb("DB10min_allflood_mast er") |
| 198 | Association between the use of fall-risk-increasing drugs and fall-ridated injuries among older adults | Canadian Active-Living Environments (Can-ALE), National MODIS NDVI, Postal Codes IPDB |
| _ | 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - | DIN LHIN PCCF |
| | | REF |
| | | INST CCRS DAD |
| | | NACRS |
| | | ODB OHIP RAIHC |
| | | SDS CENSUS |
| | | CONTACT POP RPDB |
| | | ONMARG CPDB |
| | | HCD OMHRS |
| | | CHF COPD HYPER |
| | | ODD OMD |
| | | ORAD DEMENTA |
| | | OCR ORRS |
| 139 | Association of air pollution with incidence and persistence of asthma and allergy: Follow-up of the T-CHEQ Study | DAD |
| _ | and the second s | NACRS OHIP |
| | | SDS ASTHMA CENSUS |
| | | RPDB |
| | | ONMARG ORGD AHQI TCHEQ |
| | | T-CHEQ ophece OPHECE |
| | | OPHECE MOMBABY DIN |
| | | ODB OD |
| | | D OLI |
| | | S PIB D |
| | | |
| | | PM25_composition_2000_2016 PM25_composition_2000_2016 |
| | | tcheq_exposures_2017-07-12 |
| | | tcheqfinal |
| | | CANUE Greenness Dataset |

| # | Project Title | ICES Data |
|-----|---|--------------------------|
| 110 | Association of attending physician with variation in receipt of palliative care in hospitalized adults | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF |
| | | REF INST AVGPRICE |
| | | CCRS CORR |
| | | CPRO DAD |
| | | HCD HOBIC NACRS |
| | | NRS |
| | | ODB OHIP |
| | | OMHRS RAICA RAIHC |
| | | SDS ASTHMA |
| | | CHF COPD HIV |
| | | HYPER |
| | | MOMBABY ODD OMD |
| | | OMID ORAD CENSUS |
| | | CONTACT |
| | | POP RPDB |
| | | CAPE ONMARG ETHNIC |
| | | ETHNO |
| | Accordation of Known or Strongly Supported Malianan Humatharmin on Dadagoratics Markiths and Marketine | CDDB |
| m | Association of Known or Strongly Suspected Malignant Hyperthermia on Perioperative Morbidity and Morbality | CPDB IPDB DIN |
| | | DIN LHIN PCCF |
| | | PCCF INST DAD |
| | | NACRS ODB |
| | | OHIP |
| | | SDS ASTHM A CHF |
| | | COPD HYPER |
| | | ODD OMID |
| | | CENSUS POP |
| | | RPDB |
| | | |
| 112 | Association of newborn screening analytes with type of deliveryamong preterm and term births | BORN NSO DAD |
| | | MOMBABY |
| | | RPDB NSO SDS |
| | | 303 |
| 113 | Associations between newborn screening analytes and autism spectrum disorders | IPDB LHIN |
| | | PCCF REF |
| | | DAD OHIP |
| | | ASTHMA ODD |
| | | RPDB EMRALD |
| | | |
| 114 | Atopic and infectious disease outcomes in children of mothers who received influenza vaccination during pregnancy | PCCF |
| | | DAD NACRS |
| | | OHIP ASTHMA CENSUS |
| | | RPDB BORN |
| | | |
| 115 | Alopic Dermatitis: Exploring Prevalence and Dispatities (ADEPD) | DAD |
| 1] | | DAD NACRS ODB |
| | | OHIP OMHRS |
| | | ASTHMA CHE |
| | | COPD HIV |
| | | HYPER MOMBABY |
| | | OCCC ODD |
| | | OMID ORAD |
| | | RPDB ORGD |
| | | |
| 116 | Alrial fibrillation after early stage breast cancer (BC) | IPDB DIN |
| | | DIN PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS CHF |
| | | COPD HYPER |
| | | ODD OMD |
| | | CENSUS RPDB |
| | | ALR NDFP |
| | | OBSP OCR |
| | | ORGD |
| | | |
| 117 | Alrial fibrillation associated events in acute kidneyinjury | SDS OLIS |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|--|
| 能 | Atrial Fibrillation in the Emergency Room (The AFTER Study): Prospective Validation of the Clinical Decision Instruments Affail fibrillation, bleeding, HF, MII, stroke and sudden death riskassociated with librutinib for chionic lymphocytic leukemia treatment | PDB DN LHIN POCP NGT |
| | | DN LHIN PCCF RET NOT NACRS ODB CHIPP SOS COLOR CHIPP CHIPP COLOR C |
| | Arial Fbrillation, Stroke, Dementia & Death in Ontario | DAD NACRS OHIP ASTHMA CHF COPD HYPER ODD OM OCCURSUS RYDE RYDE RYDE RYDE RYDE RYDE RYDE RYDE |
| 0 | Attachment, Access, Continuity and Mental Health Gaps in Care | FUE LIN PCCP DATE OMHER OMHER OMHER OMHER OMHER SES ACSTMAN ACST |
| 122 | Attending Nurse Practitioners in Long-Term Care-Homes Evaluation Automated methods for identifying incident C difficile infections | CPPB PDB PDB PDB PDB PNF |
| - B | PADALISED I INSTITUTS AN ARTHRYTHY BELLEVING UNIQUE BENELIKINS | CLIS COMBAT-AMR Cdiff |

| # | Project Title | ICES Data |
|-----|--|--|
| 124 | Automatic understanding of unstructured clinical data | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST CCRS |
| | | DAD HCD |
| | | HOBIC NACRS |
| | | NRS ODB |
| | | OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHM |
| | | A CHF COPD HIV |
| | | HYPER |
| | | MOMBA BY OCCC |
| | | ODD OMD |
| | | ORAD CENSUS CONTACT |
| | | POP RPDB |
| | | HCES ADP |
| | | CAPE CENSUSOA |
| | | EMRALD CCHS |
| 1 | | OCR PCPOP |
| 1 | | |
| 125 | Average risk colonoscopy in Ontario: Understandingrisk sand subsequentfollow-upafter a complete negative colonoscopy | IPDB |
| 1 | | IPDB DAD NACRS |
| 1 | | OHIP CENSUS |
| | | RPDB CAPE |
| | | ONMARG OCR |
| | | %getacg OCCC ORGD |
| | | ORGD CIC |
| | | |
| 26 | Baseline assessment of health status of persons in provincial correctional facilities in Ontario | DIN LHIN |
| | | PCCF INST |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHM A CHF |
| | | A CHF COPD HIV |
| | | HYPER MOMBABY OCCC |
| | | ODD |
| | | OMID ORAD RPDB |
| | | RPDB ORGD CHC |
| | | снс |
| 177 | Basketball, soccer and hockey related injuries between 2006 and 2015 in Ontario, Canada | AVGPRICE |
| | additionally rotated injurious sources 2000 and 2000 and 2000 and additional action acti | CAPE ESTSOB |
| 1 | | |
| 128 | Basketball, soccer and hockey related injuries between 2006 and 2015 in Ontario, Canada | CPDB |
| 1 | | IPDB LHIN PCCF |
| | | REF INST |
| | | INST DAD NACRS |
| | | OHIP |
| | | SDS ASTHMA CENSUS |
| | | CONTACT RPDB |
| | | ONMARG CCHS |
| | | AVGPRICE |
| | | CAPE ESTSOB |
| 129 | Behavioural phenotyping: Characterizing habitual adherers and non-adherers | IPDB |
| 1 | | IPDB DIN PCCF |
| | | 1 001 |
| | | REF INST |
| | | REF INST CCRS DAD |
| | | REF NST CCRS DAD NACRS OOB |
| | | REF INST CCRS DAD NACRS OB OHIP |
| | | REF OCIS COS COS COS COS COS COS COS COS COS CO |
| | | REF INST CCRS DAD NACRS OBB GBB GBB GCB COBB COBB COBB COBB COB |
| | | REF INST CCRS DAD NACRS OOB CHIP SCR CCP CCP CCP CCP CCP CCP CCP CCNSIG |
| | | REF INST CCRS DAD NACRS OOB CHIP SCR CP CCP CCP CCP CCP CCP CCP CCNSL CONTACT POPP CCNST CONTACT POPP CCP CCP CCP CCNST CONTACT POPP CCP CCP CCP CCP CCNST C |
| | | REF INST CCRS DAD NACRS OOB CHIP SCR CCP CCP CCP CCP CCP CCP CCP CCNSIG |

| # Project Title | ICES Data |
|--|---|
| ® Behavioural Supports Ontario | LHIN |
| | CCRS CPRO |
| | DAD HCD NACRS |
| | ODB |
| | OHP RAHC RPDB |
| | |
| | 1 Alzheimer Society of Samia Lambton BSO Registry 2 Alzheimer Society of Windsor Essex BSO Registry |
| | 3 Alzheimer Society of Chatham-Kent BSO Registry 4 GAIN Lakerldge BSO Registry |
| | S GAIN Scatboough Rouge Valley BSO Registry 6 Riverview Mance BSO Registry 7 Yee Hong Finch BSO Registry |
| | Fee may much abox regissy 8 Farlansen BSO Registy 9 Seven Oaks BSO Registy 10 Waypoint Certhe for Mental Health Care BSO Registry |
| | 10 Waypoint Centre for Mental Health Care BSO Registry 11 North Bay Regional Health Centra BSORegistry |
| | 12 Pioneer Manor BSO Registry |
| | 13 Algonasin Nussing Home BSO Registry 14 Extend care Timmins BSO Registry 15 Extendicare Van Daele BSO Registry |
| | 16 CMHA WW BSO Registry |
| The Benefits, harms, and unintended negative consequences of colorectal cancer screening | BSO Registry DIN |
| belletis, nams, and unintended regarde consequences of coordinate cander so earning | PCCF ESTSOB |
| | DAD HCD |
| | NACRS |
| | ODB OHIP RAICA |
| | RAIHC |
| | SDS RPDB CCN |
| | OCCC CONTACT |
| | getacg DIN |
| | REF CORR |
| | ODB OMHRS |
| | CHF COPD |
| | HYPER |
| | OCCC ODD OMID |
| | CONTACT |
| | CAPE DEMENTIA ColonCarceCheck Colonoscopy Intellim Reporting Tool |
| Beta blocker use in hemodialysis centres | IPDB |
| a bea blocker use in remodally sis centes | DIN LHIN |
| | PCCF REF |
| | INST CORR |
| | DAD NACRS |
| | ODB OHIP |
| | SDS CENSUS |
| | CONTACT POP |
| | RPDB ORRS |
| | |
| Bicyclistand Pedestrian Injuries in Ontario | LHIN PCCF |
| | REF |
| | DAD NACRS |
| | OHIP CENSUS |
| | CONTACT POP |
| | RPDB OTR ORGD |
| | UKGD |
| (I) District Description of Management Co. 1. 7 | 4222 |
| Blateral Prophylactic Mastectomy in Ontario: Trends and Outcomes | CPDB IPDB DIN |
| | DIN PCCF |
| | AVGPRICE ESTSOB |
| | CCRS DAD |
| | HCD NACRS |
| | NRS ODB OHIP |
| | OMHRS |
| | RAIHC SDS A CTHAM |
| | ASTHMA CHF |
| | COPD HYPER OCCC |
| | ODD OMD |
| 1 1 | |
| | ORAD |
| | ORAD CENSUS CONTACT |
| | ORAD CENSUS CONTACT RPDB ADP |
| | ORAD CENSUS CONTACT RPDB A CAPE GAPP |
| | ORAD CENSUS CONTACT RPDB ADP GAPP OCCI OHCAS |
| | ORAD CENSUS CONTACT RPDB ADP CAPP GAPP GCP GCC OCCI ONIAS NARG |
| | ORAD CENSUS CONTACT RPDB ADP CAPE GAPP OCCI OHCAS OMMARG |

| # | Project Title | ICES Data |
|-----|---|-------------------------------------|
| 15 | Bilary Alresia Incidence and NewbornScreeningin Ontario | IPDB LHIN |
| | | PCCF REF |
| | | AVGPRŒ ESTSOB CCRS |
| | | DAD |
| | | HCD NACRS |
| | | NACRS NRS ODB |
| | | OHIP OMHRS SDS |
| | | MOMBABY CENSUS |
| | | CONTACT RPDB |
| | | CAPE GAPP OLS |
| | | OLIS |
| | | CPDB |
| 136 | BORN Healthy Weights Surveillance System Stratified Random Sampling for Physician EMR Enrollment | EPDB LHIN |
| | | PCCF OHIP |
| | | CONTACT RPDB CAPE |
| | | |
| | | CPSO number |
| 137 | BORN-ICES Data Working Group | LHIN PCCF INST |
| | | INST DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHMA |
| | | HIV |
| | | HYPER MOMBABY |
| | | ODD CENSUS |
| | | CONTACT RPDB |
| | | NMS BORN CCHS |
| | | Solid |
| 18 | Breastcancer risk among women using denosumab | DIN |
| _ | | DIN LHIN PCCF |
| | | REF DAD |
| | | NACPS ODB |
| | | OHIP SDS CONTACT |
| | | RPDB OCR |
| | | oo. |
| 19 | BRIDGES- Innovate Atrial Fibrillation: Transitioning Emergency Atrial Fibrillation Management (Innovate AF: TEAM) | CPDB IPDB |
| | | DIN |
| | | LHIN REF CCRS |
| | | CORR DAD |
| | | NACRS ODB |
| | | OHIP OMHRS SDS |
| | | HYPER |
| | | RPDB OCR |
| | | BRIDGES_Innovate |
| 140 | BRIDGES- Rapid Assessmentfor Psychopharmacdogic Treatment (RAPT) | |
| | | BRIDGES-RAPT |
| 141 | Bridging the gap to optimize care and outcomes for youth with diabetes between pedatric and adult care | IPDB PCCF |
| | | REF DAD NACRS |
| | | MACRS OHIP OMHRS |
| | | ODD CENSUS |
| | | CONTACT POP |
| | | RPDB IPDB |
| | | ADP OLIS |
| | Bronobiolife Hanniel Caro in Oatrie 2003 to 2019 | Diabetes transition project |
| 142 | Bronchiolilis Hospital Care in Ontario, 2002 to 2018 | IPDB LHIN PCCF |
| | | REF INST |
| | | AVGPRICE ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS MOMBABY |
| | | CENSUS CONTACT RPDB |
| | | ADP CAPE |
| | | GAPP OCCI |
| | | OHCAS ONMARG |
| | | AQHI NDVI (CANUE greeness index) |
| 1 | | |

| 143 | B-type Natriuretic Peptide (BNP) Testing in the Acute Heart Failure Setting: Geographic Variations and Prognostic Implications | LHIN REF |
|-----|--|---------------|
| | | DAD |
| | | NACRS OHIP |
| | | RPDB |
| | | OLIS |
| | | COACH trial |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|---|
| 144 | Building a Better Understanding of Belonging and Mental Health/Addictions of people whouse Ontario Community Health Centres | PCCF REF DAD |
| | | NACRS OHIP |
| | | RPDB ALR |
| | | NDFP OCR ESAS |
| | | MOMBABY |
| | | CONTACT RPDB |
| | | OCCI ONMARG BORN |
| | | |
| 145 | Building a clinical prediction rule and population monitoring rule for respiratory morbidity in young children | IPDB DIN |
| | | LHIN PCCF INST |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS AST |
| | | HYPER |
| | | MOMBABY ODD OMD |
| | | CENSUS |
| | | CONTACT POP RPDB |
| | | ONMARG OCR |
| 1 | | ORGD data_aqhi |
| 440 | Building and generalizing institution-specific predictive models across Ontario health care providers | Canadian Healthy Infant Longitudinal Development (CHILD) birth cohort |
| ю | Building and generalizing institution-specific predictive modes across Ontario nealin cale providers | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | CCRS DAD |
| | | HCD HOBIC |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHM |
| | | A CHF COPD |
| | | HIV HYPER |
| | | MOMBABY OCCC ODD |
| | | ODD OMID ORAD |
| | | CENSUS CONTACT |
| | | POP RPIB HCES |
| | | ADP CAPE |
| | | CENSUSOA EMRALD CCHS |
| | | OCR |
| | | PCPOP |
| w | Burden of alcohol use disorders in the emergency department | LHIN |
| | | PCCF AVGPRŒ |
| 1 | | CCRS DAD |
| | | HCD NACRS NRS |
| 1 | | NKS OHIP OMHRS |
| 1 | | SDS CONTACT RPDB |
| | | ONMARG |
| | | ORGD |
| 18 | Burden of varice lia and herpes zoster viruses in Ontario | IPDB DIN |
| 1 | | LHIN |
| 1 | | PCCF REF AVGPRŒ |
| 1 | | ESTSOB CCRS |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD ODD |
| 1 | | OMID |
| | | POP RPDB POP |
| | | ONMARG ALR |
| | | NDFP |
| L | | |

| # | Project Title | ICES Data |
|------|--|---------------------------------|
| | Burden, cost, and development of asthma related to severe RSV infections | DIN |
| | | PCCF REF AVGPRŒ |
| | | ESTSOB CCRS |
| | | CORR DAD |
| | | HCD NACRS NRS |
| | | NRS ODB |
| | | ODB CHIP OMHRS |
| | | SDS ASTHMA |
| | | HIV MOMBABY CENSUS |
| | | CENSUS POP RPDB |
| | | RPDB ADP CAPE |
| | | GAPP |
| | | OCCI OHCAS FOREVER |
| | | Cohort BOR |
| | | N NSO |
| 150 | CAHO Member Hospital Usage Heat Map | |
| - | O THO HOUSE THOUSE OR GOT TOUR THAT | DAD NACRS ODB |
| | | OHIP SDS |
| | | ASTHMA CHF |
| | | COPD HYPER ODD |
| | | OMID |
| | | CENSUS CONTACT RPDB |
| | | ONMARG |
| | | OPHECE |
| | | |
| 151 | Can early palliative care for non-small cell lung cancer improve end-of-life outcomes and reduce cost in the real world? Apopulation-based study | DIN LHIN PCCF |
| | | PCCF REF INST |
| | | AVGPROF |
| | | CCRS CPRO |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | OHIP |
| | | OMHRS SDS CENSUS |
| | | POP |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | OCCI OHCAS |
| | | |
| 12 | Can primary care prevent adverse outcomes in older adults with intellectual and developmental disabilities? | LHIN |
| | | LHIN PCCF REF CCRS |
| | | NACRS |
| | | OHIP OMHRS |
| | | SDS CENSUS |
| | | RPDB CAPE |
| | | hcardd_demos dev_dis65_demos |
| | | aging_newsources |
| 6 | Canadian Castro, Islandinal Enidaminlanu Corcodium (CanGEC) | IDOR |
| 10.5 | Canadian Gastro-Intestinal Epidemiology Corsorium (CanGIEC) | IPDB LHIN PCCF |
| | | INST |
| | | AVGPRICE STDPRICE DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | SDS MOMBABY OCC |
| | | OCC CENSUS CONTACT |
| | | CONTACT POP RPDB |
| | | RPDB |
| | | |
| 54 | Cancer Incidence, Screening, Treatment Patterns and Outcomes in Chronic Kidney Disease, Phase I | IPDB DIN |
| | | LHIN PCCF |
| | | REF CORR DAD |
| | | DAD NACRS ODB |
| | | OHIP |
| | | SDS HYPER ODD |
| | | CONTACT |
| | | CONTACT RPDB OLIS OCR |
| | | ORGD CPDB |
| | | INST CCRS HCD |
| | | NRS |
| | | OMHRS RAICA |
| | | RAIHC CENSUS |
| | | ALR NDFP |
| 1 | | |

| # | Project Title | ICES Data |
|-----|---|---------------------------------|
| 155 | Cancer risk and sα eering among immigrants in Ontario | PCCF DAD OHIP |
| | | OHIP CENSUS RPDB |
| 1 | | CIC OBSP |
| 1 | | OCR |
| 56 | Cancer Screening and Mortality among Patients across the Spectrum of Kidney Disease | EMRALD |
| | , | ODB HYPER |
| L | | ODD |
| গ্ৰ | Cancer screening rates (breast, colorectal, cervical) for Central LHIN region (Update 2016) | PCCF DAD |
| 1 | | NACIS OHIIP SDS |
| 1 | | RPDB OBSP OCR |
| 1 | | - CON |
| 158 | Cancer screening rates (breast, colorectal, cervical) for Central LHIN region (Update 2017) | DIN CAPE |
| 1 | , , , | CAPE |
| 159 | Cancer screening rates (breast colorectal, cervical) for Central LHIN region (Update 2018) | PCCF |
| | • | DAD NACRS OHIP |
| 1 | | SDS RPDB |
| 1 | | OBSP OCR |
| 1 | | |
| 160 | CanEPIC Study - Canadian Environment, Pregnancy, Infantand Child Study | PCCF DAD |
| 1 | | NACRS ASTHMA MOMBABY |
| 1 | | ODD CENSUS |
| | | CONTACT RPDB |
| 1 | | ONMARG BORN |
| | | Environmental_factors |
| 161 | CANHEART Lipids substudy – assœiation of lipid blood valueswith CVD | IPDB DIN DEF |
| 1 | | REF INST DAD |
| | | DAD NACRS ODB |
| | | OHIP SDS SCT-MAM |
| 1 | | ASTHMA CHF COPD HYPER |
| 1 | | ODD |
| | | CENSUS CONTACT RPDB |
| 1 | | OLIS ORGD |
| | | ссня |
| 102 | Capacity Planning for a Healthcare Network: Optimizing care across settings | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF REF |
| | | INST AVGPRIŒ |
| | | ESTSOB CCRS CORR |
| | | DAD HCD |
| | | NACRS NRS OHIP |
| | | RAICA RAIHC |
| | | SDS ASTHMA CHF |
| | | COPD HIV |
| | | HYPER MOMBABY |
| | | OCC ODD OMD |
| | | ORAD CENSUS |
| 1 | | CONTACT POP RPDB |
| 1 | | HCES ADP CAPE |
| 1 | | OCCI OHCAS |
| 1 | | DEMENTIA ORGD |
| | | DADQ |
| 163 | Cardiac monitoring in HER2 positive breast cancer: life-savingprevention or hindrance to cancer care? | IPDB |
| 1 | VI | AVGPRICE STDPRIC |
| 1 | | E CCRS DAD HCD |
| 1 | | NACRS NRS |
| 1 | | ODB OHIP OM:IRS |
| 1 | | SDS CHF |
| 1 | | ODD OMD |
| 1 | | RPDB ADP CAPE |
| 1 | | GAPP |
| 1 | | HCDMOH OHCAS OCCI NDFP |
| | | NDFP OCR ESTSOB ORGD |
| 1 | | ESISUB ORGD ALR |
| | | |

| # | Project Title | ICES Data |
|-----|--|-----------------------------|
| 164 | Cardiologist billing patterns and their association with health care utilization and quality of cardiov ascular care | IPDB DIN PCCF |
| | | REF |
| | | DAD NACRS ODB |
| | | OHIP |
| | | SDS COPD |
| | | HYPER ODD |
| | | RPDB CCN |
| | | |
| 165 | Cardiovascularand non-cardiovascular outcomes in patients with and without type II diabetes admitted for MI, HF, and PAD | DIN |
| | | LHIN PCCF REF |
| | | INST DAD |
| | | NACRS ODB OHIP |
| | | OHIP SDS |
| | | CHF COPD HYPER |
| | | ODD |
| | | CENSUS CONTACT |
| | | RPDB OLIS |
| | | CCN CORR |
| | Ozullavanuko Ozurlaviana (Varaz - Ozul Tara O Districto la Obliga - Ozulla III - Ozulla | DAD |
| 166 | CardiovascularComplicationsofYoung-OnsetType 2 Diabetes in Chinese, South Asian, and Other Canadians | DAD OHIP ODD |
| | | CENSUS RPDB |
| | | ONMARG ETHNIC |
| | | CIC |
| | | PCCF SDS HYPER |
| | | РСРОР |
| 187 | Cardiovascularrisk factors and events in adults with chronic obstructive pulmonary disæsæthe CANBREATHE/CANHEART study | CPDB |
| | | IPDB DIN LHIN |
| | | PCCF |
| | | REF INST |
| | | AVGPRICE CCRS |
| | | CORR DAD NACRS |
| | | NACRS ODB OHIP |
| | | OHIP OMHRS SDS |
| | | ASTHMA |
| | | CHF COPD HYPER |
| | | ODD OMID |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | ADP CAPE |
| | | OLIS EMRALD |
| | | ETHNIC CCHS |
| | | CIC OCR ORGD |
| | | ORGD |
| 168 | Cardiovascularrisk factors in the Iranian population of Ontario | DIN |
| | | PCCF DAD |
| | | ODB OHIP |
| | | SDS HYPER |
| | | ODD RPDB |
| | | CIC ORGD |
| en | Care ofacute cardiac events in schizophrenia | DAD |
| 121 | одно отдора однаво вувна ві запацинана | DAD NACRS OHIP |
| | | OMHRS SDS OMID |
| | | OMD RPDB |
| | | |
| 70 | CATCH-Homeless: The effectivenessof a brief intervention on improving health outcomes for homeless people with unmethealth needs | IPDB |
| | | PCCF AVGPRICE STDPRIC |
| | | E CCRS DAD |
| | | NACRS |
| | | NRS |
| | | ODB OHIP OMHRS |
| | | SDS CENSUS |
| | | RPDB CAPE |
| | | GAPP OHCAS |
| | | OCCI |
| | | Catch-Homeless |
| î | Categorizing Referral Notes | OHIP EMRALD |
| | | |
| - | | |

| # | Project Title | ICES Data |
|-----|---|--|
| 172 | Cause of death by stage at diagnosis in women diagnosed with early stage breast cancer. Apopulation-based study | IPDB DIN |
| | | LHIN |
| | | PCCF REF INST DAD |
| | | NACRS |
| | | ODB OHIP |
| | | SDS CHF COPD |
| | | HYPER ODD |
| | | OMD |
| | | CENSUS POP RPDB |
| | | OCR ORGD |
| | | one. |
| 73 | CCDSS dementía prevalence estimates for Ontario | DIN |
| | | DIN REF DAD |
| | | ODB OHI |
| | | P CENSUS |
| | | POP RPDB |
| | | |
| 14 | CCN Cardiac Surgery Gap Report | IPDB DIN LHIN |
| 1 | | REF |
| 1 | | INST DAD NACRS |
| 1 | | NACRS ODB OHIP |
| 1 | | Online SDS ASTHM |
| | | A CITION A COPD HYPER |
| | | HYPER ODD |
| | | CENSUS |
| | | CONTACT RPDB CCN |
| | | |
| 15 | CCN Outcomes TAVI Report | IPDB DIN |
| | | LHIN |
| | | REF DAD |
| | | NACRS NRS |
| | | ODB OHIP OM/HRS |
| | | SDS |
| | | RPDB CCN |
| | | |
| 1% | CCN Perculaneous Coronary Intervention Gap Report | IPDB DIN |
| | | LHIN REF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | CHF COPD |
| | | HYPER ODD |
| | | CENSUS CONTACT RPDB |
| | | RPDB CCN |
| 1 | | |
| 177 | CCSNational TAVI Quality Indicators Report | |
| 1 | | DIN LHIN |
| 1 | | REF DAD |
| 1 | | NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS |
| 1 | | RPDB CCN |
| 1 | | Libin Cardiovascular Institute of Alberta/Foothills Medical Centre - Approach Database |
| 1 | | Libin Cardiovascular institute of Albertain-comilis Medical Centre - Approach Database University of Alberta Hospital TAVI local database |
| 1 | | University of Alberta Hospital TAVTIOCAI database Cardiac Services BCTAVTRegistry |
| 1 | | St Boniface General Hospial (Manitoba) local TAVI database |
| 1 | | New Brunswick Heart Centre local TAVI Database |
| 1 | | Nova Scotia's QE II Health Sciences Centre TAVI Data |
| 1 | | INESSS (Institut national d'excellence en santé et en services sociaux) (Quebec) TAVI data |
| 1 | | |
| 1 | | Regina General Hospital TAVI local database |
| 1 | | Cardiac Services BC TAVI Registry (partial) |
| 1 | | Health Sciences Centre (Newfoundland) local TAVI database |
| 1 | | Nova Scotia's QE II Health Sciences Centre TAVI Data |
| 1 | | Cardiac Services BCTAVI Registry (partial) |

| TR. | CPDB PPDB DN UN UN PPDB DN UN PPDB PPDB PPDB DN UN UN PPDB DN UN |
|-----|--|
| | |

| # | Project Title | ICES Data |
|-------|---|-------------------------|
| | Cerebral Laterality of Ischemia and Potential Perilous Events in Drivers (CUPPED) | PCCF DAD |
| | | NACRS CENSUS |
| | | RPDB RCSN |
| | | PCCF OHIP |
| | | |
| 180 | Changes in hospitalizations priorto versus after TAVI | DAD NACRS |
| | | OHIP OMHRS |
| | | MOMBA BY BORN |
| | | NSO |
| | | |
| 81 | Changes in Lab Test Ordering Ratesfor Diagnosing Diabetes in Ontario, Canada - An Interrupted Time Series from 2005 to 2015 | CPDB DIN |
| | | LHIN OHIP |
| | | ODD RPDB |
| | | CAPE IPDB IPDB |
| | | AVGPRŒ |
| | | STDPRIC E IPDB |
| | | |
| 102 | Changing patterns of synthetic cannatinoid useamong older Ontatians | IPDB DIN |
| | | PCCF REF |
| | | INST CCRS |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC |
| | | SDS CENSLS RPDB |
| | | RPDB ALR NDFP |
| | | |
| 183 | Characterising the risk of major bleeding in patients with non-valvular atrial fibrillation: Non-interventional study of patients taking DOAC | CPDB IPDB |
| | | DIN PCCF |
| | | REF DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | ASTHM A CHF |
| | | COPD HIV |
| | | HYPER |
| | | OCC ODD |
| | | OMID ORAD CENSUS |
| | | CONTACT RPDB |
| | | ONMARG |
| | | OCR |
| | | PDR |
| 184 | Characteristics and Practice Patterns of Ontario Geriatric Psychiatrists | LHIN PCCF |
| | | DAD |
| | | NACRS OHIP OMHRS |
| | | RPDB |
| | | |
| 185 | Characteristics of Ontario Residents cared for by Nurse Praditioners | CPDB |
| | | IPDB LHIN PCCF |
| | | REF INST |
| | | INST DAD NACES |
| | | NACRS ODB OHIP |
| | | SDS |
| | | CONTACT RPDB CAPE |
| | | |
| - | Characteristics of those with moderate to severe TRI discharged to rehably hidden 2015 | PCCF |
| 186 | Characteristics of those with moderate to severe TBI discharged to rehab (Update 2016) | PCCF INST DAD |
| | | HCD NACRS |
| 1 | | NRS |
| 1 | | OHIP OMHRS RPDB |
| | | |
| er er | Characteristics of those with moderate to severe TBI discharged to rehab: Part 2 (additional analyses) | BCCE |
| ο' | Contraction and Contract with intraction to severe inclusional god to remain. Fall 12 (additional dilidity ses) | PCCF INST DAD |
| 1 | | DAD HCD NACRS |
| 1 | | NRS OHIP |
| 1 | | OMHRS RPDB |
| 1 | | Cohort dataset |
| | | from |
| | | previous project |
| 1 | | |
| 18 | Characteristics of Youth who Died by Suicide in Ontario | DAD NACPS |
| 1 | | NACIS ODD |
| 1 | | ODD RPDB OCR |
| 1 | | Sun |
| | | |

| # | Project Title | ICES Data |
|-----|---|----------------------------|
| 18 | Characterization of Endometrios is Surgery Patterns in Ontario | CPDB |
| | | IPDB LHIN |
| | | PCCF REF |
| | | INST AVGPRICE |
| | | ESTSOR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS MOMBABY |
| | | CENSUS |
| | | CONTACT POP |
| | | RPDB ONMARG |
| | | OCR |
| | | |
| 190 | Characterization of Ionization Radiation and CumuLative Exposure in IBD (CIRCLE-IBD) | IPDB |
| | | LHIN PCCF |
| | | DAD |
| | | OHIP OCC ERCLAIM |
| | | ERCLAIM |
| | | |
| 191 | Characterization of surgical outcomes in intravenous drug users with infective endocarditis | AVGPRICE STDPRICE |
| 1 | | CAPE ERCLAIM |
| 1 | | GAPP |
| 1 | | OCCI ESTSOB |
| I | | |
| | | |
| 192 | Characterizing caretransitions for complex populations using person centred episodes of care | CPDB IPDB |
| 1 | | DIN LHIN |
| 1 | | PCCF |
| | | REF INST AVGPRŒ |
| | | AVGPRICE CCRS |
| | | CCRS CPRO DAD |
| | | DAD HCD NACRS |
| | | NACRS NRS |
| | | ODB |
| | | OHIP OMHRS |
| | | RAIHC SDS |
| | | ORAD CENSUS |
| | | CONTACT |
| | | POP RPDB CAPE |
| | | CAPE ONMARG |
| | | ONMARG POPCAN ESTSOB |
| | | HOBIC |
| | | RAICA ADP |
| | | ADP GAPP OHCAS |
| | | OCCI |
| | | |
| 193 | Characterizing fragility and traumatic upperextremity fractures in Ontario | CPDB IPDB |
| | | DIN |
| 1 | | LHIN PCCF |
| | | REF INST AVGPRŒ |
| | | AVGPRŒ ESTSOB |
| | | CCRS |
| 1 | | DAD HCD |
| 1 | | NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS |
| 1 | | RAICA RAIHC |
| | | SDS ASTHMA |
| 1 | | CHF COPD |
| | | ODD |
| 1 | | OMID CENSUS |
| 1 | | CONTACT POP |
| 1 | | RPDB |
| | | ADP HCDMOH |
| 1 | | OCCI OHCAS |
| 1 | | ONMARG ORGD |
| 1 | | ESAS |
| I | | |
| 121 | Characterizing health careutilization in Northern Ontario (Update 2018) | IPDB |
| | One and the state of the state | DAD |
| | | NACPS OHIP |
| 1 | | SDS |
| 1 | | RPDB ORGD |
| 1 | | |
| | | |

| Social Control of Page States and Lab Trajectorises intensity and characters Condensed Republishes Social Control Social Con | # | Project Title | ICES Data |
|--|-----|--|---|
| S Obstaceutic ng primary carease dasing active besocraticent somewhat declares to receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change arrays Obstaceutic ng primary carease dasing active besocraticent somewhat are receiving change are receiving change are receiving change are received at receiving change are receiving change are received at receiving change are received at receiving change are received change are received at received | | | IPDB |
| S Characterizing prinary carease dusing aster besides and acceptance to receiving changed array. S Characterizing prinary carease dusing aster besides acceptance to receiving changed array. S Characterizing prinary carease dusing aster besides acceptance to receiving changed array. S Characterizing prinary carease dusing aster besides acceptance to receiving changed array. S Characterizing prinary carease dusing aster besides acceptance to receiving changed array. S Characterizing prinary carease dusing aster besides acceptance to receiving changed array. S Characterizing prinary carease dusing aster besides acceptance to receiving changed array. S Characterizing prinary carease dusing active besides acceptance to receiving changed array. S Characterizing prinary carease dusing active besides acceptance to receiving changed array. S Characterizing prinary carease dusing active besides acceptance to receiving changed array. S Characterizing prinary carease dusing active besides acceptance to receiving changed array. S Characterizing prinary carease dusing active besides acceptance to receiving changed array. S Characterizing prinary carease dusing active besides acceptance to receiving changed array. S Characterizing prinary carease dusing active besides acceptance to receiving changed array. S Characterizing uses of health County by health case expenditure categories. S Characterizing uses of health care in Characterizing changed array. S Characterizing uses of health care in Characterizing changed array array and acceptance accept | | | LHIN |
| Consideration of the second o | | | CCRS |
| Observation in growing cannot divide a beauticancers parameters to receiving chemotherapy Observation in growing cannot divide a beauticancers parameters to receiving chemotherapy Observation in growing cannot divide a beauticancers parameters to receiving chemotherapy Observation in growing cannot divide a beauticancers parameters are receiving chemotherapy Observation in growing cannot divide a beauticancers parameters are receiving chemotherapy Observation in growing cannot divide a beauticancers parameters are receiving chemotherapy Observation in growing cannot divide a beauticancers parameters are receiving chemotherapy Observation in growing cannot divide a beauticancers parameters are receiving chemotherapy Observation in growing cannot divide a beauticancers parameters are receiving chemotherapy Observation in growing cannot divide a beauticancers parameters are receiving chemotherapy Observation in growing cannot divide a beauticancers parameters are receiving chemotherapy Observation in growing cannot divide a beauticancers parameters are received present and an accordance of the first order received means of the control of the cont | | | HCD HOBIC |
| Characterizing primary contours during a class of season and season from the season for the seas | | | NACRS NRS |
| Solution Control C | | | ODB OHIP |
| A Code A | | | RAICA |
| Solution of the second primary carease during active based cancer headment and wastenes to receiving chemohara apy Characterizing primary carease during active based cancer headment and wastenes to receiving chemohara apy Characterizing granula and Cardiovascular Outcomesin Overstand Subclinical Addestrore@cease Characterizing Renal and Cardiovascular Outcomesin Overstand Subclinical Addestrore@cease Characterizing sixes of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories Characterizing uses of headh care in Orbitol County by headh case acquirillure casegories | | | SDS ASTHM |
| Some | | | |
| Control Contro | | | HYPER |
| Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical Ados is considered. Characterizing Renal and Cardiovascular Outcomes in Overland Subclimical | | | OCCC ODD |
| Characterizing Renal and Cardiovascular Outcomes in Overtaind Subclinical Addos servereBacces Characterizing Renal and Cardiovascular Outcomes in Overtaind Subclinical Addos servereBacces Characterizing Renal and Cardiovascular Outcomes in Overtaind Subclinical Addos servereBacces Characterizing Renal and Cardiovascular Outcomes in Overtaind Subclinical Addos servereBacces Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of health care in Oxitod County by health case expandature categories Characterizing uses of healt | | | OMD ORAD |
| Programment of the control of the co | | | CONTACT |
| But | | | RPDB HCES |
| That scheric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during active beast cancert softend and waittimes to receiving chemotherapy Characteric ing primary careuse during a factor and waittimes to receiving chemotherapy Characteric ing primary careuse during a factor and waittimes to receiving chemotherapy Characteric ing primary careuse during a factor and waittimes to receiving chemotherapy Characteric ing primary careuse during a factor and waittimes to receiving chemotherapy Characteric ing primary careuse during a factor and waittimes to receive a factor and waittimes and waittimes and waittimes and waittimes and waittimes and waittim | | | OLIS EMRALD |
| Characterizing Renal and Cardowascular Outcomes in Oxford County by health case expenditure categories 8 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure categories 9 Characterizing uses of health care in Oxford County by health case expenditure c | | | |
| The company of the co | | | Co-occurence statistics for medical terms extracted from 14 million clinical notes and |
| 2 James Land Mixed Correct Landerhearted embetting primary care use during active breast concernmental marketines to recolving chemotherapy The Characterizing primary care use during active breast concernmental marketines to recolving chemotherapy The Characterizing primary care use during active breast concernmental marketines to recolving chemotherapy The Characterizing primary care use during active breast concernmental marketines to recolving chemotherapy The Characterizing primary care use during active breast concernmental marketines to recolving chemotherapy The Characterizing primary care use during active breast concernmental marketines to recolving chemotherapy The Characterizing seem of the control o | | | 260,000 patients |
| Characterizing primary careuse duting active beast cancertreament and wait times to receiving chemotherapy Characterizing primary careuse duting active beast cancertreament and wait times to receiving chemotherapy Characterizing active ac | | | 2 Learning Low-Dimensional Representations of Medical Concept |
| Characterizing uses of health care in Oxford County by health case expenditure categories Characterizing uses of health care in Oxford County by health case expenditure categories Constitution C | 100 | Characterizing primary careuse duing active heast cancertreatment and wait times to receiving changing and | that this paper utilizes data from Building the graph of medicine from millions of clinical CPDR. |
| ACGS OIP SIDE CERSUSO ALE | | | DAD |
| ### Characterizing uses of health care in Oxford County by health case expenditure categories ################################### | | | NACRS ODB |
| CAPE CRESIVEX AC AC ACC ACC ACC ACC ACC ACC ACC ACC | | | SDS |
| AR COSP COSP COSP COSP COSP COCK PRIF COSP COCK PRIF COSP COCK PRIF COSP COCK PRIF COSP COSP COCK PRIF COSP COSP COSP COSP COSP COSP COSP COSP | | | CAPE |
| Case Cock Cock Cock Cock Cock Cock Cock Cock | | | AI R |
| BN RECES GES GES GES GES GES GES GES GES GES G | | | OBSP |
| CCRS HCD HCD ON-HES LCC Cartiff-ACT Characterizing Renal and Cardiovascular Outcomes in Overtand Subclinical Aldos terone Excess DB DN PCCF REF REF COD ON | | | DIN REF |
| Others LDC Carder/Ling Renal and Cardiovascular Outcomes in Overtand Subclinical Aldos terone Excess ### Character/Ling Renal and Cardiovascular Outcomes in Overtand Subclinical Aldos terone Excess #### PPCF REF CORR DAN BAS BOS CHERR OHP SISS CHERR OLS OKED CONTACT REPS CUS OKED CORD CONTACT REPS CUS CORD CORD CONTACT REPS CUS CORD CORD CORD CORD CORD CORD CORD CORD | | | CCRS HCD |
| ### Characterizing Renal and Cardiovascular Outcomes in Overtand Subclinical Addos terone Excess ### DB DN DN NACRS CORR DAD NACRS COB GR | | | OMHRS |
| ### Characterizing uses of health care in Oxford County by health case expenditure categories ################################### | | | CanIMPACT |
| ### Characterizing uses of health care in Oxford County by health case expenditure categories ################################### | 197 | Characterizing Renal and Cardiovascular Outcomes in Overtand Subclinical Aldos terone Excess | IPDB DIN |
| BAD NACRS OGS OHP SEP HYPER ODD CONTACT RPDB CLS ORD CLS ORD CLS ORD CONTACT RPDB CLS ORD CLS ORD CONTACT RPDB CLS ORD CONTACT RPDB CLS ORD CLS ORD CONTACT RPDB CLS ORD CONTACT RPDB CLS ORD CONTACT RPDB CLS ORD CONTACT RPDB CLS ORD | | | PCCF REF |
| Characterizing uses of health care in Oxford County by health case expenditure categories E. Characterizing uses of health care in Oxford County by health case expenditure categories E. Characterizing uses of health care in Oxford County by health case expenditure categories LIEN PCCF REF AVCPING CORS DAD NACRS NACRS NRS OOB OHP OMERS DASTHAM COFF COPD HYPPER OOD OMERS OOB OOB OOB OOB OOB OOB OOB OOB OOB OO | | | DAD |
| Characterizing users of health care in Oxford County by health care expenditure categories Characterizing users of health care in Oxford County by health care expenditure categories LHIN PCCP RACPPRE CCRS DAD HCD NACRS NRS CORP CORP CORP CORP CORP CORP CORP CORP | | | ODB |
| © CONTACT CONTACT RPDB CLB ORDD E Characterizing users of health care in Oxford County by health care expenditure categories LHN PCCF REF AVGPRGE CCRS DRD NACRS NRS OOB OMP OWNS ASTHMA CHF CF COPD HYPER CODD OWNSUS ASTHMA CHF CPP COPD COMP OWNSUS COMP COMP COMP COMP COMP COMP COMP COMP | | | SDS CHF_ |
| Cus ORGD REF AVERGE CCRS DAD HCD NACRS NRS ORIP COMP CMRS SSS ASTHMA CHF COPD HYPER COD CCRS DAD COD CCRS DSS ASTHMA CHF COPD HYPER COD CCRS COD | | | ODD |
| © Characterizing uses of health care in Oxford County by health care expenditure categories E Characterizing uses of health care in Oxford County by health care expenditure categories E F REF AVCPROE CORS DAD NALORS NRS OOB OHP COMPRES SDS ACTION ACTIO | | | CONTACT RPDB OUS |
| P.CCF RECORRE ACCORRE DAD AD HCD NACRS NRS COBB COBB COBB COBB COBB COBB COBB COB | | | ORGD |
| P.CCF RECORRE ACCORRE DAD AD HCD NACRS NRS COBB COBB COBB COBB COBB COBB COBB COB | | | |
| AVGPRCE CCRS DAD NACRS NRS OB OHP CMARS SDS ACHF COPD HYPER ODD OMO OMO OMO OMSUS POP RPDB | 198 | Characterizing users of health care in Oxlord County by health care expenditure categories | LHIN PCCF RFF |
| DAD HCCRS NACRS NACRS OOB OOB OHP OMHRS SDS ASTHMA COPD HYPER OOD OOD OMB OBBUS PPP RPDB | | | AVGPRŒ |
| NRS ODB OHP OMRIS ASTHUM OHF COPD HYPER ODD OM OM BUSINSUS POP RPDB | | | DAD HCD |
| OHP OMRS SDS ASTHMA COPD HYPER OOD OM OM PROPER OOD OM PROPER PROP RPDB | | | NRS |
| SDS ASTHMA CHF COPD HYPER ODD OMD CENSUS POP RPDB | | | OHIP OMHRS |
| COPD HYPER ODD OM ON PRINT PRI | | | SDS |
| OOD OMD CENSUS POP RPDB | | | COPD |
| CENSUS POP RPDB | | | ODD |
| RPDB | | | CENSUS POP |
| ADP | | | ADP |
| CAPE GAPP ONMARG | | | CAPE GAPP ONMARG |
| CONS COCI OCCI OCR | | | CCHS |
| OCR CONTACT | | | |
| © CHC Cookilik Oudy is inform Berlangahu Coroning District | | CHC Engolisilis Cludu to inform Batinggathy Coronains Project | DAD |
| © CHC- Feasibility Study to inform Retinopathy Screening Project DAD ODB OHP | 199 | unu-reasioniny study to inform Ketinopathy Screening Project | OHIP |
| ODD RPDB | | | ODD RPDB |
| CHC CAPE | | | CHC CAPE |
| NACRS | | | IRACAS |
| 21 CHC-ICES Data Working Group CPDB ■PDB | 20 | CHC-ICES Data Working Group | IPDB |
| Lin PCCF | | | LHIN PCCF |
| REF DAD NACRS | | | REF DAD |
| ODB OHID | | | ODB |
| OMHRS CENSUS | | | OMHRS CENSUS |
| CONTACT RPDB ONMARG | | | RPDB |
| ONMARG CHC | | | CHC |
| | | | |

| # | Project Title | ICES Data |
|-----|--|------------------------|
| 21 | Child health in Northwestern Health Unit | LHIN |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | SDS |
| | | ASTHMA MOMBABY |
| | | RPDB |
| | | |
| 202 | Childbirth after bariatric surgery in Ontario | IPDB |
| | | IPDB DAD NACRS |
| | | OHIP MOMBABY |
| | | CENSUS RPDB |
| | | KF DB |
| | | |
| 23 | Childhood intussusception: a population based study in Ontario | PCCF REF |
| | | INST |
| | | DAD NACRS |
| | | SDS CENSUS |
| | | CENSUS POP RPDB |
| | | MIS OCCI |
| | | OCCI ORGD |
| | | |
| าน | Chlamydia testing rates in public health STIclinics | OHIP |
| 28 | Omaniyara wawiy rawa di pubito nediti a nomba | CENSUS POP |
| | | RPDB |
| | | |
| TK | Choosing Wisely Canada: Prescribing in Primary Care | CPDB |
| 40 | Grooding mony Gariage. Heading in Fillingry Gero | IPDB |
| | | DIN LHIN PCCF |
| | | PCCF REF |
| | | INST CCRS |
| | | DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHM |
| | | A CHF COPD HYPER |
| | | HYPER |
| | | ODD CENSUS |
| | | RPDB CAPE |
| | | CAPE |
| 76 | Choosing Wisely Canada: Primary care physicianscorecard | CPDR |
| _ | | CPDB IPDB |
| | | LHIN PCCF |
| | | DAD HCD |
| | | HCD NACRS ODB |
| | | OHIP SDS |
| | | ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | ODD |
| | | ODD RPDB CAPE |
| | | OCR |
| | | |
| 207 | Choosing Wisely International: Comparinguse of low-value services between Ontario and Michigan | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF |
| | | REF DAD HCD |
| | | NACRS |
| | | ODB OHIP |
| | | SDS |
| | | ASTHM A CHF |
| | | A CHF COPD HIV |
| | | HYPER ODD |
| | | RPDB CAPE |
| | | · |
| 28 | Choosing Wisely: Describing Anti-Psychotic Medication Use in Ontario | СРОВ |
| | | IPDB LHIN |
| | | DAD NACRS |
| | | ODB |
| | | OHIP OMHRS |
| | | CENSUS RPDB CAPE |
| | | CAPE |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|------------------------------------|
| 239 | Chronic Disease and Organizational Attributes | CPDB IPDR |
| | | DIN PCCF |
| | | AVGPRICE ESTSOB DAD |
| | | NACRS ODB |
| | | OHIP OMHRS ASTHMA |
| | | CHF COPD |
| | | HYPER ODD |
| | | OMD ORAD |
| | | CENSUS CONTACT |
| | | RPDB CAPE DEMENTIA CIC |
| | | OCR |
| | | getage Organizational Survey |
| | | Survey |
| 20 | Chronic Disease Developmentand Multimorbidity among Immigrants in Ontario | CPDB |
| | | IPDB PCCF |
| | | DAD NACRS OHID |
| | | OHIP ASTHM A CHF |
| | | COPD HYPER OCC |
| | | OCC ODD OMD |
| | | OMID ORAD CENSUS |
| | | CAPE CCHS |
| | | CIC |
| | | OCR |
| 211 | Chronic disease in the Havelock-Belmont-Methuen Township | PCCF |
| | | PCCF DAD NACRS |
| | | OHIP SDS |
| | | ASTHMA CHF COPD |
| | | HYPER ODD |
| | | OMID CENSUS CONTACT |
| | | CONTACT RPDB |
| | | |
| 212 | Chronic Disease Prevalence, Health Care, and Health Behavioural Community Profiles in ThunderBay District | IPDB PCCF |
| | | REF DAD |
| | | OHIP OMHRS |
| | | ASTHM A COPD HYPER |
| | | ODD CENSUS |
| | | CONTACT POP RPDB |
| | | CCHS OCR |
| | | NMS |
| 212 | Chronic Kidney DiseasePrognosis Consodium | OUS |
| 23 | Cilionic Noticy diseasering has Consultin | Cab |
| 24 | Chronic Medical Conditions and Perinatal Mental Illness | IPDB DAD |
| | | NACRS OHIP |
| | | OMHRS SDS ASTHMA |
| | | ASTHMA CHF HIV |
| | | HYPER MOMBABY OCC |
| | | OCC ODD OMID |
| | | CENSUS |
| | | RPDB CIC OCR |
| | | OCR PCCF COPD |
| | | ORAD CONTACT CAPE |
| | | ADP |
| | | OLIS ONMARG |
| 25 | Chronic medical conditions and perinatal mental illness: Evaluating the role of neighbourhood income quintile | PDB PCCE |
| | | IPDB PCCF DAD NACRS |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD HIV |
| | | HYPER MOMBABY |
| | | OCCC ODD OMID |
| | | OMID ORAD CENSUS |
| | | CENSUS CONTACT RPDB |
| | | ADP CAPE |
| | | OUS |
| | | CIC CCR ONMARG |
| | | |

| # | Project Title | ICES Data |
|----------|---|---|
| 26 | Chronic medical conditions andperinatal mental illness: Exploring the modifying role of immigrant status | IPDB |
| | | PCCF DAD |
| | | NACRS OHIP |
| | | OMHRS SDS |
| | | ASTHMA CHF |
| | | COPD HYPER |
| | | MOMB A BY |
| | | OCCC ODD |
| | | OMID ORAD CENSUS |
| | | CONTACT RPDB |
| | | ADP |
| | | CAPE OLIS |
| | | CIC OCR |
| | | |
| 27 | Chronic Total Occlusion Canadian Registry | DIN |
| | | DIN PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP SDS |
| | | SDS CHF |
| I | | CHF COPD HYPER |
| 1 | | ODD RPDB |
| 1 | | CCN OMD |
| 1 | | CONTACT |
| 1 | | CCRS HCD |
| 1 | | Sunnybrook CTO Registry Data St Michael's Hospital CTO Registry Data |
| 28 | Classifying And Describing Retirement Home Residents In Ontario: Creating The First Population - Level Retirement Home Cohort | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF CCRS DAD |
| | | DAD HCD |
| | | NACRS |
| | | NRS ODB OHIP |
| | | OWHRS |
| | | RAICA RAIHC |
| | | SDS ASTHM |
| | | A CHF COPD HYPER |
| | | HYPER ODD OMD |
| | | ORAD |
| | | CENSUS |
| | | RPDB CAPE |
| | | ONMARG DEMENTIA |
| | | INST AVGPRICE |
| | | ESTSOB |
| 1 | | ADP NDFP |
| <u> </u> | | Licensed homes and historical licenses |
| 29 | CLEAN Meds | HC D OD |
| 1 | | B SDS |
| 20 | Clinical impactand cost-effectivenessofan interstitial lung disease Nuise on patients with idiopathic pulmonary fibrosis | IPDB |
| 1 | | DIN AVGPRŒ |
| 1 | | ESTSOB CCRS |
| 1 | | DAD HCD |
| 1 | | NACRS ODB |
| 1 | | OHIP RAICA |
| 1 | | RAIHC SDS |
| 1 | | RPDB |
| 1 | | NRS OMHRS ADP |
| 1 | | CAPE |
| 1 | | GAPP OCCI OHCAS |
| 1 | | OHCAS OLD riurse research |
| L_ | | |
| 221 | Clinical impact of respiratory syncytial virus and human metapneumovirus in hospitalized adults | LHIN DAD |
| I | | NACRS ODB OHIP |
| I | | OHIP OMHRS MOMBABY |
| I | | CENSUS |
| 1 | | RPDB ONIMARG |
| 1 | | CIC EDI |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|--------------------------|
| ₩ | Project Title Clinical Outcomes and Costs following Bariatric Surgery: An Analysis of the Ontario Bariatric Registry Linked to Administrative Databases | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP |
| | | OMHRS SDS |
| | | ASTHM A CHF |
| | | COPD HYPER |
| | | OCCC ODD |
| | | OMD ORAD |
| | | CENSUS CONTACT |
| | | CONTACT RPDB BRTRC |
| | | BRIRC OCR ORGD |
| | | CCHS |
| | | EMRALD AVGPRICE |
| | | ESTSOB |
| | | PCPOP |
| 23 | Clinical outcomes associated with electroconvulsive the rapy using population - level data | |
| | | |
| 224 | Clinical outcomes offailing to dose-reduce allopurinol in chroric kidney disease Apopulation-based cohort study | IPDB DIN LHIN |
| | | PCCF |
| | | REF CORR |
| | | DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | SDS CENSUS |
| | | CONTACT POP |
| | | RPDB |
| | | ous |
| L | | |
| 25 | Clinical outcomes of failing to dose-reduce oral Baclofen in chronickidney disease: A population-based cohort study | DIN PCCF |
| | | INST CCRS |
| | | DAD |
| | | NACPS ODB |
| | | OHIP RPDB |
| TE | Clinical outcomes offailing to dose-reduce oral DDP4 inhibitors in chronic kidney disease: A population-based cohort study | OLIS |
| 40 | | DAD NACRS OIDR |
| | | ODB OHIP OM:IRS |
| | | SDS |
| | | ASTHMA CHF |
| | | COPD HIV |
| | | HYPER |
| | | MOMBABY ODD CENSUS |
| | | RPDB |
| | | MCSCS ORGD |
| L | | |
| 20 | Clinical predictors for peri-procedural stroke during TAVIExternal validation of the TASK score | DIN REF |
| | | REF DAD NACRS |
| | | ODB |
| | | OHIP SDS |
| | | CHF COPD |
| | | HYPER ODD |
| | | RPDB DEMENTIA |
| | | DEMENTIA CCN |
| | | |
| 28 | Clostridium difficile colonization in Ontario (COLON): Acute Care Hospital Pilot Feasibility Study | INST |
| | | INST CCRS HCD |
| | | HOBIC ODB SDS |
| | | SDS |
| | | |
| 29 | Clostridium Difficile Infection in Solid Organ Transplant Recipients | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF |
| | | REF INST |
| | | CORR DAD |
| | | NACRS |
| | | ODB OHIP |
| | | SDS CHF |
| | | COPD HYPER |
| | | 0000 |
| | | ODD ORAD CENSUS |
| | | CONTACT RPDB |
| | | OLIS |
| | | ONMARG ORGD |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|---------------------------|
| 20 | Project Title Cluster randomized controlled trial of an early palliative care team intervention for patients with advanced cancer effects on economiccost | CPRO |
| | | DAD HCD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | CONTACT RPDB ERCLAIM |
| | | HCDMOH |
| | | ALR NDFP OCR |
| | | ORGD |
| | | CCRS OMHRS ADP |
| | | Zimmermann_Palliative RCT |
| 21 | Cluster randomized trial of home sleep testing in Ontario | REF |
| | | CORR DAD OHIP |
| | | SDS RPDB |
| | | Acute Kidney |
| | | Registry |
| | | roguny |
| 700 | CNODES CDM Pilot Study 2: Gas trointestinal and intracerebral hemorthage following new use of OAC among patients with atrial fibrillation | 200 |
| Δ | CNODESCEM Flot Study 2. Gas some still and intracerebilian remonitive growing new use of OAC among patients with as an inclination | DIN LHIN PCCF |
| | | INST DAD |
| | | NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHM A CHF COPD |
| | | HIV |
| I | | HYPER MOMBABY |
| I | | OCCC ODD |
| | | OMD ORAD |
| I | | RPDB CHC |
| 1 | | |
| 28 | CNODES CDM Pilot Study 3: Rhabdomyoly sis and AKI events following new use of statins | DIN |
| 1 | • | LHIN PCCF |
| | | INST CCRS DAD |
| | | NACRS |
| | | OHIP CENSUS |
| | | RPDB OLIS |
| 1 | | |
| 294 | CNODES Common Data Model Pilot Project | CPDB |
| 1 | | IPDB PCCF |
| 1 | | REF INST |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | CENSUS CONTACT |
| | | RPDB |
| | | |
| 26 | CNODES Common Data Model Pilot Study 1: Incidence and prevalence of use of New Molecular Entitles (NME) approved by Health Canada in 2015 | PCCF REF |
| | | INST DAD OHIP |
| | | SDS |
| 1 | | CHF CONTACT RPDB |
| I | | KPUB |
| | Coopled Coordinated Subsecod Negotical Transition (ACC) | CORP |
| 26 | Coached, Coordinated, Enhanced Neonatal Transition (CCENT): A multi-centre mixed-methods pragmatic randomized controlled trial | CPDB IPDB |
| 1 | | DIN LHIN |
| 1 | | PCCF INST |
| | | CCRS DAD |
| | | HCD NACRS |
| 1 | | NRS ODB |
| 1 | | OHIP OMHRS |
| 1 | | SDS ASTHM A COPD |
| 1 | | CENSUS |
| | | POP RPDB |
| | | OLIS ONMARG |
| | | POPCAN |
| L | | CCENT CCENT |
| 20 | Collaborative New York State and Ontario TAVR Evaluation | CCRS HCD |
| | | NRS OMHRS |
| | | ADP |
| | | |
| 28 | Colorectal Cancer Diagnostic Pathways: How do they vary and are those variations as sociated with the diagnostic interval length? | IPDB PCCF |
| | | REF DAD NACRS |
| | | OHIP |
| | | SDS CONTACT |
| | | RPDB ONMARG |
| | | ALR OCR PHYSNET |
| I | | PHYSNET |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|--------------------------|
| 299 | Combining Machine Learning and Causal Inference Methods for Analyzing the Effect of Treatment Options on Survival Odds | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST AVGPRICE |
| | | STDPRIC E CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAIGA RAIHC |
| | | RAIHC SDS CENSUS |
| | | CENSUS CONTACT POP |
| | | ADP |
| | | CAPE GAPP |
| | | OHCAS OCCI |
| | | ALR NDFP |
| | | OCR ORGD |
| | | |
| 240 | COMMON: Complications, Outcomes, Morbidity, and Mortality of ONtario Hip Fractures | CPDB IPDB |
| 1 | | IPDB DIN LHIN |
| 1 | | PCCF |
| 1 | | REF INST CCRS |
| 1 | | CCRS CPRO DAD |
| | | HCD NACRS |
| 1 | | NRS ODB OHIP |
| 1 | | OHIP OMHRS RAICA |
| | | RAIHC |
| | | SDS CENSUS |
| | | CONTACT |
| | | RPDB HCDMOH LOC |
| | | MIS OHCAS |
| | | ONMARG ORGD |
| | | CJRR |
| | | |
| 241 | Community Business Intelligence project - Annual Reportbetween ICES and Recorned | IPDB DIN |
| | | LHIN PCCF |
| | | INST AVGPRŒ |
| | | ESTSOB CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF MOMBABY |
| 1 | | CENSUS CONTACT |
| 1 | | RPDB ADP CAPE |
| 1 | | GAPP |
| 1 | | OCCI OHCAS CIC |
| 1 | | getacg SDS |
| | | PCCF |
| 20 | Community Business Intelligence Project (CBI): Collaboration between ICES and Reconnect Community Health Services - Second report | LHIN DAD |
| 1 | | NACRS |
| 1 | | OHIP OMHRS RPDB |
| 1 | | CAPE CIC CBI |
| 1 | | CBI |
| | | |
| 28 | Community Paramedicine Remote Patient Monitoring | IPDB PCCF DEF |
| 1 | | REF DAD NACRS |
| 1 | | MACRS OHIP OMHRS |
| 1 | | ASTHM A CHF |
| 1 | | COPD HYPER ODD |
| 1 | | CENSUS |
| 1 | | RPDB AVGPRICE STOPRICE |
| 1 | | CONTACT |
| | | CAPE ONMARG |
| | | Interdev |

| - 4 | Droi agt Title | ICEC Data |
|------|--|---|
| # 24 | Project Title Comorbid cancer in multiple sclerosis (CCIMS): Diagnosis and outcomes | ICES Data |
| | | DIN LHIN |
| | | PCCF |
| | | CCRS CPRO DAD |
| | | HCD NACRS |
| | | ODB OHIP SDS |
| | | SDS |
| | | COPD HYPER |
| | | CENSUS CONTACT RPDB |
| | | ORGD |
| | | OBSP OCR |
| | | POP POPCAN |
| | | Webber thesis dataset: Projdstpatient Webber thesis dataset: Projdstindex Gioome Bresst project dataset |
| ~ | Comorbidities in Immigrants with Multiple Scierosis | |
| 20 | Comorbidities in intringrants with multiple scierosis | IPDB PCCF DAD |
| | | NACRS ODB |
| | | OHIP |
| | | OMHRS SDS ASTHMA |
| | | CHF |
| | | COPD HYPER |
| | | ODD OMID |
| | | ORAD CENSUS |
| 1 | | RPDB |
| 1 | | getacg |
| | | |
| 26 | Comparative effectiveness of hemianthropiasty and total hip replacement for femoral neck fracture; propensity score matched cohort study | CPDB IPDB |
| 1 | | DIN LHIN |
| 1 | | LHIN PCCF REF |
| 1 | | INST |
| 1 | | AVGPRICE ESTSOB |
| | | CCRS CPRO DAD |
| | | DAD HCD |
| | | HCD NACRS NRS |
| | | ODB OHIP |
| | | OMHRS |
| | | RAICA RAIHC |
| | | SDS CENSUS |
| | | CONTACT POP |
| | | RPDB LOC |
| | | MIS |
| | | OHCAS ONMARG |
| | | NMS ORGD |
| | | getacg DE MENTIA |
| | | project datasets CHF |
| | | COPD HYPER |
| | | ODD ORAD |
| | | |
| 207 | Comparative effectiveness of neweroral diabetes medications in preventing advanced diabetic retinopathy | IPDB |
| | | DIN PCCF |
| 1 | | REF INST |
| 1 | | DAD NACRS |
| 1 | | ODB OHIP |
| 1 | | SDS |
| 1 | | ASTHM A CHF COPD |
| 1 | | HIV HYPER |
| 1 | | ODD CENSUS |
| 1 | | CONTACT |
| 1 | | CONTACT RPDB OLIS |
| 1 | | OCR getacg |
| 1 | | |
| 30 | Comparative risk and risk prediction of respiratory depression in patients treated with opioids for non-malignant pain | IPDB |
| 200 | ooniparasi o ton ana nonprovisioni orroopii asii yuopiooosii iir paseino sedibu wisi upivuo ivi iiuiriidiigiiditpasi | HCD ODB |
| 1 | | OMHRS |
| 1 | | HYPER ODD |
| 1 | | OLIS ONMARG CCRS |
| 1 | | HCD |
| 1 | | NRS OMHRS |
| 1 | | SDS |
| 29 | Comparative Risk of Falls and Fractures Among Older Adults with Dementia in Long-Term Care Receiving Trazodoneor Atypical Antipsychotics | CPDB IPDB |
| 1 | | DIN |
| 1 | | PCCF REF |
| 1 | | INST CCRS |
| 1 | | DAD NACRS ODB |
| 1 | | OHIP |
| | | OMHRS SDS |
| | | CHF COPD |
| | | HYDER |
| I | | ODD OMD |
| I | | ORAD RPDB |
| I | | ORGD |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|---|
| 20 | Project Title Comparative Safety and Efficacy of Antipsychotic Medications in Late-Life Psychotic Discretes: A Population-Based Study from Ontario | IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC SDS |
| | | COPD ODD |
| | | OMID CENSUS |
| | | CONTACT |
| | | RPDB ONMARG |
| | | OCR ORGD |
| | | |
| 251 | Comparative safety of intermittent vs continuous benzodiazepine prescribing, population based colorts tudy using the Ontario Drug Benefit Database | LHIN |
| | *** | INST DAD |
| | | NACRS OHIP |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | CENSUS RPDB COMM BC |
| | | ONMARG ETHNIC |
| | | ALR CIC OCR |
| | | ORGD |
| | | DAD OHIP OMHRS |
| | | SDS |
| | | ALR Dementia |
| | | DELENITA |
| 202 | Compariative effectiveness of hemiarthroplasty and total hip replacement for femoral neck fracture: propersity-score mathced cohort study | DEMENTIA |
| 23 | Comparing access to community-based specialist care for patients with schizophrenia and congestive heartfailure | IPDB LHIN |
| | | DAD NACRS |
| | | OHIP |
| | | OMHRS CHF CENSUS |
| | | CENSUS CONTACT RPDB |
| | | RPDB CIC ESTSOB |
| | | |
| 74 | Comparing clinical and economicoutcomes between testing and no testing strategies in patients being evaluated for stable coronary artery disease | IPDB |
| 2,7 | | DIN LHIN |
| | | PCCF REF |
| | | AVGPRIŒ |
| | | DAD NACRS ODB |
| | | OHIP COPD |
| | | HYPER ODD CENSUS |
| | | RPDB |
| | | OCR ESTSOB |
| | | CCRS HCD |
| | | NRS OMHRS |
| | | SDS ADP |
| | | CAPE GAPP |
| | | OCCI ETHNIC |
| | | CIC |
| 25 | Comparison of PC-API Between Patients Referred to the PCAP and Patients Not Referred to the PCAP | CPDB DIN |
| | | DIN LHIN PCCF |
| | | PCCF INST ODB |
| | | ODB SDS CONTACT |
| | | CONTACT POP CHC |
| | | Primary Care Asthma Program (PCAP) Postal Codes |
| | Comparison of the outcomes and late affects of as top serve and Suring across in AVA to a total and affects of as top serve and Suring across and AVA to a total and affects of a serve and a serve an | |
| 26 | Comparison of the outcomes and late effects of osteosarcoma and Ewing sarcoma in AYA, treated in Ontario pediatric versus adult centres | IPDB CIC |
| | | |
| Z | Compartmentsyndrome | LHIN INST |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | OUS ONMARG |
| L | | |
| 28 | Complex Care for Kids Ontario | DIN LHIN PCCF |
| | | INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | CONTACT RPDB |
| | | ADP CAPE |
| | | GAPP OCCI |
| | | NRS |
| | | |

| # | Project Title | ICES Data |
|-----|--|-----------------------------------|
| | Complex Care for Kids Ontario: A province-wide integrated care intervention for children with medical complexity | ADP |
| | Complay Cara for Kide Cottyly: A province, widelightgrand and intervention for abildren with a self-december. | IPOB |
| 20 | Complex Care for Kids Ontario: Aprovince-wide integrated care intervention for children with medical complexity | IPOB LHIN PCCF |
| | | DAD HCD NACRS |
| | | NACRS ODB OHIP |
| | | OMHRS RPDB |
| | | ADP CCKO dataset |
| 251 | Complications after Gunshot-associated Fracture Fixation in a Large Population Cohort | CPDB IPDB |
| | | PCCF REF |
| | | INST AVGPRIŒ |
| | | STDPRIC E CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP SDS ASTHIMA |
| | | CHF COPD |
| | | HYPER ODD OMD |
| | | RPDB ADP HCDMOH |
| | | HCDMOH |
| 90 | Comprehensive Family Physiciansby LHN in Ontario | CPDB |
| Δ. | Ouriprononaivo i anny FriyStadrisby Lfift in Olizi ia | IPDB LHIN |
| | | PCCF OHIP |
| | | CONTACT RPDB Geo_Cross Walks File |
| | | Northwest LHIN Local Health Hub |
| 25 | Comprehensive Ontario MicrobiologyLaBoratory Administrative daTa for AntiMicrobial Resistance (COMBAT-AMR) | IPDB |
| | | DIN LHIN PCCF |
| | | PCCF REF INST |
| | | AVGPRICE ESTSOB |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HYPER ODD OMID |
| | | CENSUS CONTACT |
| | | POP RPDB ADP |
| | | ERCLAIM OHCAS |
| | | ONMARG CIC |
| | | OCR ORGD |
| | | |
| 254 | Concomitantuse of dabigatran and proton pump inhibitors | DIN ODB RPDB |
| | | NFDB |
| 25 | Consultation and transfers of care from midwives to physicians in Ontario | DAD NACRS |
| | | OHIP OMHRS |
| | | SDS CENSUS |
| | | RPDB |
| 26 | Consumer Access to Personal Health Information for Asthma Self-Management | getacg |
| | | |
| 27 | Context-driven de-identification of free-text medical data at ICES (Mask) | RPDB OUS |
| | | OUS EMRALD |
| 100 | Contrasting pneumonic incidence and severity of pneumonia in patients on clozapine with those prescribed other common atypical antipsychotics | IPDB |
| 20 | owners and several survivors and several or presentation in paseins on cozapare with those ples a toda offer continuou ary past antipsychotics | DIN LHIN |
| | | PCCF REF |
| | | INST CCRS CORR |
| | | DAD HCD NACRS |
| | | NACRS NRS ODB |
| | | OHIP |
| | | SDS ASTHM |
| | | A CHF COPD HYPER |
| | | OMID CENSUS |
| | | CONTACT POP |
| | | RPDB OHSURVEY ONMARG |
| | | CCHS OCR |
| | | getacg |
| | | |

| # | Project Title | ICES Data |
|-----|--|--------------------------------|
| 29 | CorHealth 2018 Cardiac Surgery Report | DIN LHIN PCCF |
| | | PCCF REF INST |
| | | DAD NACRS |
| | | ODB OHIP SDS |
| | | CHF COPD |
| | | HYPER ODD |
| | | CENSLS RPDB CCN |
| | | CON |
| 270 | CorHealth Ablation Outcomes Report | IPDB |
| | | IPDB DIN LHIN DEF |
| | | REF INST DAD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | SDS CHF |
| | | COPD HYPER ODD |
| | | ODD RPDB DEMENTIA |
| | | CCN |
| 271 | CorHealth Heart Failure EMR ALD project | EMRALD |
| | | |
| 272 | CorHealth Mitral Valve Clip Report | IPDB DIN |
| 1 | | DIN LHIN REF |
| | | INST DAD |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | SDS CHF COPD |
| | | HYPER |
| | | ODD RPDB DEMENTIA CCN |
| | | CCN |
| 73 | CorHealth Ontario/ICES2019-20 Cardiac Surgery Risk Adjustment Models and Report | DIN |
| | , , , , , , , , , , , , , , , , , , , | LHIN PCOF REF |
| | | INST CORR |
| | | DAD NACRS |
| | | ODB OHIP SDS CHF |
| | | COPD |
| | | HYPER ODD |
| | | RPDB OUS ETHNIC |
| | | ETHNIC ORGD CCN |
| | | OCR STS |
| | | |
| 274 | CorHealth Percutaneous Coronary Intervention Report 2018 | IPDB DIN LUIM |
| 1 | | LHIN PCCF REF |
| | | REF INST CCRS |
| 1 | | CCRS DAD NACRS ODB |
| | | OHIP SDS |
| 1 | | CHF COPD |
| | | HYPER ODD CENSUS |
| 1 | | CONTACT RPDB |
| 1 | | CCN OUS |
| 25 | CorHealth TAVI Outcomes Report | IPDB |
| 1 | · · · · · · · · · · · · · · · · · · · | IPDB DIN LHIN |
| 1 | | REF INST DAD |
| | | NACRS NRS |
| 1 | | ODB OHIP OMHRS |
| | | SDS CHF |
| 1 | | COPD HYPER ODD |
| 1 | | RPDB |
| 1 | | DEMENTIA CCN |
| | Cool offsativases on breaking the manufactory with differenties livered a more to the contract of the contract | DAD |
| 276 | Cost-effectiveness oprophyladic mas tectomy with differentace illular dermalmatrix-assissed breastreconstruction techniques for the management of women at high risk for breast cancer | DAD NACRS SDS ODB |
| 1 | | OHCAS / HCD |
| | | CCRS NRS RPDB |
| 1 | | OCR OBSP |
| | | NDFP |
| | | |

| # | Project Title | ICES Data |
|-----|---|---|
| য় | Cost-effectiveness of Rivaroxaban and Apixaban Compared with Warfarin Therapyamong Patients Diagnosed with Afrial Fibrillation in Ontario | PDB DN LHM PCCF REFT AVOPPACE ESTSOB CORS CORS CORS DAD |
| | | HCD NACRS NRS ODB OHIP OHHRS SDS CENSUS CONTACT POP RPDB ADP |
| 278 | Costs and Consequences of Rheumatoid Arthritis on Ontario's Healthcare System: Clinical and Economic Impacts | CAPE GAPP OCCI OUS CPDB |
| | | PDB DN LHIM LHIM PCCF REFT REFT REFT REFT REFT REFT REFT REF |
| 39 | Costs of care per patient over time for each of the models of primary care in Ontario | COMMARG CPDB IPDB LINN PCCF REPPORE ASTROB CCRS DAD HCD MACRS OOB OMB OMBRS SDS CENSUS CCNTACT POP RPP AAPE GAPP FCPOP |
| 20 | Cough Assist user education needs, health service utilization, and outcomes | PDB PCCF WST AVCPRICE ESTSOB CCRS DAD HCD NACRS COB OOB OOH OOH OOH OOH COM OOH OOH OOH OOH OOH OOH OOH OOH OOH O |
| 21 | Creating a platform for prediction of real world health and cost consequences of COPD | DEB LINH PCCF CCRS DAD HRCRS NRS OOB OHIP OHIP OHIP OHIP OHIP COPD HYPER ODD GCRNS GCRNS GCRD ORGD |
| 20 | Creating a validated algorithm for the identification of immigrant children with hemoglobinopathies in Ontario | CONTACT |
| 263 | Critical care utilization in adult patients undergoing major non-cardac surgery acrossOntario | CCRS HCD RAHC |

| # | Project Title | ICES Data |
|-----|--|--|
| 24 | Cross-Provincial Primary Care Study | CPDB |
| | | IPDB PCCF REF |
| | | AVGPRICE ESTSOB |
| | | CCRS DAD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | CHF ODD |
| | | OMID CENSUS CONTACT |
| | | POP |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | ORGD OCR PCPOP |
| | | getacg |
| | | Datasetiff: Commonwealth Fund Survey Dataset #2: Canadian Survey of Experiences with Primary Health Care |
| 25 | CTA Utilization in Patients Presenting with Blunt Cervical Head Injury-A Retrospective Study of Current Clinical Practice and its Impacton Outcome | DAD |
| | | NACRS HYPER ODD |
| | | RPDB DIN ODB |
| | | ODB ORGD |
| 1 | | Ortigo OHIP 1) Clinical data from a retrospective cohort identified from the Ontario Trauma Registry |
| 1 | | (OTR) 2) Data extracted from images from PACS (hospital diagnostic imaging repository |
| 1 | | services) Date_Stroke_First_Noted |
| 26 | Current and prospective utilization of biosimilars | IPDB DIN |
| 1 | | DIN REF DAD |
| 1 | | NACRS ODB |
| 1 | | OHIP OCCC |
| | | ORAD CENSUS RPDB |
| | | RPDB |
| | | |
| B | Current baseline costs and modifiable drivers of utilization associated with Aortic Stenosis across hospitals and ambulatory sectors in Ontario | DIN LHIN |
| | | PCCF REF |
| | | INST AVGPRŒ |
| | | ESTSOB CCRS DAD |
| | | HCD |
| | | NACRS NRS ODB |
| | | OHIP |
| | | OMHRS SDS |
| | | CHF COPD |
| | | HYPER ODD |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | OCCI OHCAS |
| | | DEMENTIA CCN |
| | | |
| 26 | Current Ontario Surveillance Practices Following Extremity Sarooma Surgery | DAD |
| | | SDS OHIP RPDB |
| | | ALR OGRS |
| | | OGR Cytobase |
| | | |
| 1 | | |
| 29 | Current State of Acute Kidney Injury in Ontario | IPDB LHIN |
| | | PCCF REF |
| | | INST CCRS |
| 1 | | DAD HCD |
| 1 | | NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS |
| 1 | | CENSUS |
| 1 | | CONTACT POP RPDB |
| 1 | | ADP ORRS |
| 1 | | GDML |
| L | | |
| 290 | Current trends in hip arthroscopy utilization and long-term cost-efficacy | IPDB DIN LHIN |
| | | PCCF |
| | | REF INST |
| | | DAD NACRS |
| | | OHIP SDS |
| | | ODD ORAD |
| 1 | | POP RPDB |
| 1 | | NMS OMHRS |
| 1 | | |

| # | Project Title | ICES Data |
|-----|---|--|
| 291 | DA VINCI HealthCare Utilization | DIN PCCF |
| | | CCRS |
| | | DAD HCD NACRS |
| | | NRS |
| | | ODB OHIP OM:IRS |
| | | RPDB |
| | | CAMH DA VINCI Database; ICP Participants from UNH Trillium and Willian Osler |
| 20 | Data link age for evaluating maternal mental health on childhood outcomes following preterm birth | PCCF DAD |
| | | DAD NACRS OHIP |
| | | ASTHMA HYPER |
| | | MOMBABY ODD CENSUS |
| | | CENSUS POP RPDB |
| | | ONMARG |
| | | CIC ORGD |
| | | |
| 283 | Data quality assessment of First Nations identified data at ICES | OHCAS OTR OCR |
| | | OCR |
| | | |
| 294 | Data to support the Public Health Ontario Urinary Tract Infection Program | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | DAD |
| | | NACRS ODB OHIP |
| | | OMHRS |
| | | ASTHM A CHF COPD |
| | | HIV HYPER |
| | | HYPER ODD CENSUS |
| | | CONTACT |
| | | POP RPDB CAPE |
| | | M/S MCSS |
| | | LHIN OLIS |
| | | |
| 26 | Days at home (DAH) in the last 6 months of life - a novel quality indicator for end of life (EOL) cancer carein Ontario | IPDB DIN LHIN |
| | | LHIN REF CCRS |
| | | DAD |
| | | NACRS NRS |
| | | ODB CHIP CENSUS |
| | | RPDB |
| | | ERCLAIM CIC ETHNIC OCR |
| | | OCR |
| | | |
| 296 | Deep Learning Framework and Supervised Learning Challenges for Multimorbidity in the Population | DIN PCCF |
| | | REF CCRS |
| | | CPRO DAD |
| | | HCD HOBIC NACRS |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HYPER OCCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | CONTACT RPDB |
| | | OLIS ONMARG NMS DEMENTA |
| | | DEMENTA ORCO |
| | | ORGD CIC OCR |
| | | AVGPRICE ESTSOB |
| | | ESTSUB ADP CAPE |
| | | GAPP |
| | | OCCI OHCAS LHIN |
| | | ADP ERCLAIM |
| | | LOC OCCI |
| | | |

| # | Project Title | ICES Data |
|-----|--|-------------------------------------|
| 27 | Deep Learning Frameworkfor Diabetes Sub Classification | PCCF |
| | | REF |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD HYPER |
| | | 0000 |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | ORADUS CENSUS CONTACT RPDB |
| | | ADP ERCLAIM |
| | | LOC |
| | | OCCI OLIS OTR |
| | | CFDR |
| | | CIC OCR |
| | | ORGD CPDB |
| | | IPDB LHIN PCCF |
| | | PCCF SDS |
| I | | SDS ASTHM A CHE |
| | | A CHF COPD HIV |
| | | HYPER |
| I | | MOMBABY OCCC |
| 78 | Defining Catchment Areas for Chronic Kidney Disease Programs | ODD |
| _ | | CPDB IPDB LHIN |
| | | PCCF REF |
| | | INST CORR |
| | | DAD |
| | | NACRS OHIP |
| | | SDS CENSUS RPDB |
| | | RPDB CAPE |
| | | CAPE ORRS GDML |
| | | SUME. |
| | D. G. L. Company of the Company of t | PCCE |
| 29 | Defining geographic catchment areas to assesslaboratory-based outcomes for patients presenting to a hospital included in the OLIS | PCCF INST DAD |
| | | NACRS OHIP |
| | | SDS CENSUS |
| | | RPDB |
| | | ous |
| | | |
| 300 | Deliberate self-harm and mental health serviceutilization surroundingthe release of the Nettlix TV series 13 Reasons Why | LHIN PCCF |
| | | DAD NACRS OHIP |
| | | OMHRS |
| | | CENSUS RPDB |
| I | | |
| 201 | Denosumab in chronic kidrey disease: is there a role? | IPDR |
| an | DOLOGO MILLO MONTO ANTEY GIOGO ANTERE OFFICE : | IPDB DIN CORR |
| | | DAD |
| | | NACRS ODB |
| I | | OHIP ASTHM |
| | | A CHF COPD |
| | | HYPER OCCC |
| | | ODD ORAD |
| | | ODD ORAD RPDB CAPE |
| | | OLIS |
| | | ONMARG DEMENTIA |
| | | ORGD CPDB |
| 200 | Depression and Diabetes incidence in a Population Sample followed using Administrative Data | ODD |
| 32 | Depression and Diabees incluence in a reputation Sample bilowed using Administrative Data | CCHS |
| | | NPHS CPDB IPDB |
| | | DAD |
| | | NACRS OHIP OMHRS |
| | | CONTACT |
| | | RPDB |
| L | | |

| # | Project Title | ICES Data |
|---------|---|------------------------------------|
| 33 | Project Title Derivation and validation of an electronic medical record text-based tool for identification of high cost users | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | AVGPRICE ESTSOB |
| | | CCRS DAD |
| | | HCD HOBIC |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | RAICA |
| | | RAIHC |
| | | SDS ASTIMA CHF |
| | | COPD HIV |
| | | HYPER MOMBABY |
| | | MOMBABY OCCC ODD |
| | | OMD ORAD |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | ADP CAPE |
| | | GAPP OCCI |
| | | OHCAS EMRALD |
| | | |
| าน | Derivation and Validation of Risk Scores for Predicting Poor Discharge Outcomes and Stroke Recurrence in Patients with Minor Ischemic Stroke or TI. | PCCF |
| 3.94 | Democratical demonstration of the control of the control of the control of the Recurrence in Patients with Millor Is chemic Stroke of His | PCCF REF DAD |
| | | NACES ODB |
| | | OHIP |
| | | RPDB RCSN |
| | | |
| 305 | Derivation of risk prediction models and a computer microsimulation model in type 2 diabetes | IPDB |
| | | DIN LHIN PCCF |
| | | PCCF REF INST |
| | | DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS CHF |
| | | CHF ODD OMD |
| | | RPDB |
| | | EMRALD ORGD |
| | | ORAD ETHNIC |
| | | OCR OLIS |
| | | |
| 306 | Deriving and validating a prediction tool for advanced cancer patients to support early integration of palliative care | PCCF DAD HCD |
| | | NACRS |
| | | ODB OHIP |
| | | RAICA RAIHC |
| | | CENSUS RPDB |
| | | ALR OCR |
| | | ORGD CPDB |
| | | AVGPRIŒ ESTSOB |
| | | CAPE ASTHMA |
| | | CHF COPD |
| | | HYPER ODD |
| | | OMD ORAD |
| 107 | Deriving stroke severity from administrative data | Symptom Management Database DAD |
| Jan Jan | | NACRS OHIP |
| | | SDS CHF |
| | | HYPER ODD |
| | | CCRS ODB |
| L | | |
| 308 | Dermatologic Follow-up After Primary Cutaneous Melancma: A Retrospective Cohort Study | IPDB DAD |
| | | NACRS OHIP |
| I | | SDS RPDB |
| | | OCR ORGD |
| | | |
| 339 | Describing buprenorphine use and treatment retention among individuals who undergo routine surgery | IPDB DIN |
| | | LHIN |
| I | | PCCF REF INST |
| | | DAD |
| | | NACRS ODB |
| I | | OMHRS SDS |
| I | | CHF COPD |
| | | HIV HYPER |
| I | | OCCC ODD |
| | | OMD CENSUS |
| | | CENSUS RPDB NMS |
| I | | CCRS |
| | | HCD RAICA |
| | | MAIN |
| | | |

| # | Project Title | ICES Data |
|-----|--|---|
| 30 | Describing management patterns in community-dwelling older adults with new presentation of a sleep disorder | LHIN PCCF |
| | | PCCF REF INST |
| | | DAD NACES |
| | | OHIP SDS |
| | | RPDB ALR |
| | | OCR |
| | | |
| 311 | Describing primary care physicians that refer to telepsy chiatry | CPDB IPDB LHIN |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | CENSUS POP |
| | | RPDB CAPE |
| | | PCPOP |
| 312 | Detection, treatment, outcomes and costs of ductal cardnoma in situ of the breast | LHIN PCCF |
| | | REF DAD |
| | | NACRS OHIP |
| | | SDS CONTACT |
| | | RPDB CIC |
| | | NMS |
| | | |
| 313 | Determinants of Emergency Department Use among Home CareClients | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | REF CCRS |
| | | DAD HCD |
| | | HOBIC NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC |
| | | SDS CENSUS |
| | | CONTACT RDB RDB |
| | | ONMARG |
| | | |
| 34 | Determinants of re-operation for transvaginal surgeries in Ontario, Canada | IPDB DIN |
| | | LHIN PCCF REF |
| | | NST DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | SDS ODD |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | ONMARG ORGD |
| | | |
| 35 | Determine the impact of ASPs on antimicrobial utilization in acute care hospitals in Ontario | INST DAD |
| | | Antimicro Ontario Antimicrohial Staurantship Program Landecana, Sunar |
| | | Ontario Antimicrobial Stewardship Program Landscape Survey |
| 36 | Determining optimal, equitable and cost-effective strategies to prevent cases of travel-related infections in VFRs and other travellers at risk | IPDB PCCF CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS CENSUS |
| | | CAPE |
| | | cic |
| | | getacg Measuring burden of imported infectious diseases (iPHIS-ICES linkage) |
| 37 | Determining Preventable Acute Care Spending among High-Cost Patients | REF CAPE CIC |
| 38 | Determining sex disparities in Stroke Care and Outcomes to optimize recoVERy (DISCOVER) – Healthcare cost | IPDB |
| _ | Control of the second of the s | PCCF INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB OHIP |
| | | OMHRS RAIHC |
| | | SDS CENSUS |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | OCCI OHCAS |
| | | OSR ONMARG |
| | | |

| # | Project Title | ICES Data |
|-----|---|---|
| | Determining site volume and cardiac outcomes for Ontario sites enrolled in CODE-Miusingbig data | DN PCCF REF NST DAD NACRS COB CHIP SDS CHIP CONTACT RPDB CUS |
| 320 | Develop a novel quasi-experimental study design to evaluate the public health benefits of extreme cold alertprogram in Toronto, Ontario | DAD NACRS SIGS ASTHMA CHE COPE COPE COPE COPE COPE COPE COPE COP |
| 321 | Daveloping a case-finding algorithm to identify patients with spinal cord injuryin Ontario primary care electronichealth records | EMPALD PDB DAD NACRS COB CHIP OMHRS SSS ASTHMA CHIF COPID HYPER COD RPDB |
| | Developing a multi-source survellance system for Fetal Alcohol Spectrum Disorder and prenatal alcohol exposure (SSFASD,PAE) in Canada | CCRS DAD HCD HCD HCBIC NACRS NRS CHIP COMHRS RPDB |
| 83 | Developing an Artificial Neural Network for predicting the risk of local recurrence among women with Ductal Carcinoma in Situ of the breast | PDB DN LHIN PCCP RCF RCF RRST CORS CORS CORR DAD HCD NACRS OOB OOB OOB OOB OOD CONTACT RPDB CORS CORS CORR CORR CORR CORR CORR CORR |
| | Developing an Artificial Neural Network using ESAS for predicting ED visit risk among patients with cancer | CPDB PDB DN LIN PCF RCF RCF RCF RCF RCF RCF RCF RCF RCF R |
| | Developing New Palliative Care Quality Indicators and Benchmarks in Cancer across Carada | DAD HCD NACIS OBB RATE RAIC RAIC ROB RAICA RAIC ROB RAICA RAIC ROB RAIC ROB RAIC ROB RAIC ROB RAIC ROB RAIC ROB ROB RAIC ROB ROB RAIC ROB |
| | Developing risk prediction algorithms for CVD in individuals treated for moodlanxiety disorders | ERCLAIM |
| | Development and validation of a prediction model for severe (hospitalized) RSV through the development of an ICES based RSV platform | PCCF |
| 38 | Development and validation of clinical prediction models for skin cancer after solid organitransplantation | CAPE CIC |

| # | Project Title | ICES Data |
|-----|--|---|
| | Development of a model to minimize misclassification bias in the identification of thoracic aortic surgery in Ontario from administrative database | DAD ODB |
| | | OHI P |
| | | CONTACT RPDB |
| | | |
| 30 | Development of a prediction model for cardiovascular-related death using the CANHEART cohort | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | AVGPRICE STDPRIC |
| | | E CORR |
| | | DAD NACRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HIV HYPER ODD |
| | | ODD ORAD CENSUS |
| | | CENSUS CONTACT POP |
| | | RPDB |
| | | CAPE CCHS CIC |
| | | ETHNIC OCR |
| | | ORGD PHYSNET |
| | | GDML OLIS EMRALD |
| | | EMRALD |
| 331 | Development of an information system from EMR & health administrative data for assessment of surveillance and quality of care of psoriatic disease | AVGPRŒ |
| | | ESTSOB CCRS |
| | | HCD NRS OMHRS |
| | | A STHINA |
| | | COPD HYPER ODD |
| | | ORAD |
| | | ADP CAPE OHCAS |
| | | OHS |
| | | |
| 30 | Development of Diagnostic Algorithms for Predicting Disease Phenotypes in Adult Onset UC Patients Using Ontario Health Administrative Data | DAD NACRS |
| | | OHIP CONTACT RPDB |
| | | Mount Sinai Hospital UC Cohort |
| 700 | Development of Neuro degenerative Diseases from Exposure to Outdoor Air Pollution | OPHECE |
| | Development of real odegenerate Disease in the Exposure at Odeson Air Collegen | |
| 334 | Development of novel methods for measuring clinical outcomes in clinical trials using big data | CPDB IPDB |
| | | IP-DB DIN LHIN |
| | | PCCF REF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP SDS CENSUS |
| | | CENSUS CONTACT POP |
| | | POP RPDB |
| | | RPDB OLIS OCR |
| | | ORGD |
| 35 | Developmental disabilities in Ontario's criminal justice system: Usingdata to tell the story: MCSCS data | IPDB LHIN |
| | | REF DAD |
| | | NACRS OHIP |
| | | ASTHM A CHF |
| | | COPD HYPER |
| | | ODD CENSUS |
| | | CONTACT RPDB |
| | | EMRALD PCPOP INST |
| | | INS I ONMARG CHC |
| | | ACG macro |
| | | |
| 36 | Developmental dis abilities in Ontario's criminal justice system: telling the story with federal correctional data | IPDB LHIN |
| | | PCCF REF |
| | | INST DAD |
| | | HCD NACRS ODB |
| | | ODB OHIP SDS |
| | | ASTHMA CHE |
| | | COPD HYPER |
| | | ODD OMD |
| | | CENSUS POP |
| | | RPDB CAPE |
| | | OLIS OHS INST |
| | | INST CHC ACG |
| | | ACG Correctional Service Canada Data |
| | | |

| ш | Dunings Title | ICEC Data |
|-----|--|-----------------------------|
| # | Project Title Developmental dis abilities in Ontario's criminal justice system: telling the story with forensic inpatient data | ICES Data |
| | | DIN LHIN PCCF |
| | | REF |
| | | INST DAD |
| | | NACRS ODB OHIP |
| | | OHIP OMHRS |
| | | OMHRS SDS CENSUS |
| | | CONTACT |
| | | RPDB CAPE |
| | | OMMARG INST CHC |
| | | ACG |
| | | |
| 338 | Diabetes Education Centre Resources and Quality of Diabetes Care Within Networks | CPDB IPDB |
| | | DIN PCCF |
| | | INST CCRS DAD |
| | | NACRS |
| | | ODB OHIP OM/IRS |
| | | SDS |
| | | ODD CENSUS |
| | | POP RPDB |
| | | CAPE OLIS PHYSNET |
| | | PHYSNET |
| | | |
| 39 | Diabetes HbA1C control, health system utilization and cost (Diabetes control, health careuse and cost) | LHIN PCCF |
| | | AVGPRŒ STDPRIC E CCRS |
| | | DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | ene |
| | | ASTHMA CHF COPD |
| | | HYPER |
| | | ODD OMD RPDB |
| | | EMRALD OLIS |
| | | |
| 30 | Diabetes prevalence and incidence of complications in SLFNHA communities over 5 years | PCCF CORR |
| | | DAD NACES |
| | | OHIP SDS |
| | | ODD |
| | | CONTACT RPDB |
| | | |
| 311 | Diabetes Prevalence by GTACensus Tracts | LHIN PCCF |
| | | REF DAD |
| | | NACRS OHIP |
| | | SDS ODD |
| | | CENSUS RPDB |
| | | |
| 20 | Diabetes Prevalence by GTACensus Tracts - Update | IPDB |
| | State of the transfer of the t | DIN PCCF |
| | | PCCF REF INST |
| | | AVGPRICE |
| | | ESTSOB CCRS DAD |
| | | HCD HACRS |
| | | NRS ODB |
| | | OHIP |
| | | OMHRS SDS CHE |
| | | CHF COPD HIV |
| | | HYPER |
| | | MOMBABY OCCC |
| 1 | | OCCC ODD OMD |
| | | ORAD RPDB ADP |
| | | ADP CAPE GAPP |
| | | GAPP OCCI OHCAS |
| | | OHCAS NMS |
| | | |
| 38 | Diabetic Ontarians unscreened for retinopathy - Update | IPDB |
| | | PCCF OHIP ODD |
| | | CONTACT |
| | | RPDB PCPOP |
| | | CPDB ESTSOB |
| | | DAD NACRS OMHRS |
| | | ASTHMA |
| | | CHF COPD |
| | | HYPER OMD |
| 1 | | PCPOP getacg |
| L | | geofile |
| | | |

| # | Project Title | ICES Data |
|---------|---|--|
| 34 | Diagnosis of lunch cancerand time to initiate targeted therapy in metastatic NSCLC in Ontario | DAD |
| | | NACIS SDS ODB |
| | | OHIP OHCAS / HCD |
| | | RPDB OCR |
| | | OCRIS NDFP |
| | | |
| 35 | Diagnosis ofpsycholic disαderafter childhoodand adolescent psychiatric disorder | I HIM |
| | Diagnosis of payoritotic disaction of interference and actions of the control of | LHIN PCCF DAD |
| | | NACRS OHIP |
| | | OMHRS SDS |
| | | MOMBABY CENSUS |
| | | RPDB ONMARG |
| | | CIC |
| | | |
| 36 | Diagnostic care fragmentation in symptomatic breast cancer patients | CPDB IPDB |
| | | LHIN PCCF |
| | | REF INST |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB OHIP |
| | | OMHRS |
| | | SDS CENSUS |
| | | CONTACT RPDB |
| 1 | | CAPE ONMARG |
| | | ALR NDFP |
| | | OBSP OCR |
| | | PHYSNET Ontario Breast Screening Program Breast Assessment Sites |
| | | Breast Assessment Sites |
| | | |
| 347 | DIBI at ICES: DOACs In Bioprosthesis | DIN PCCF REF |
| | | NEF DAD NACRS |
| | | ODB |
| | | OHIP SDS RPDB |
| | | CCN |
| | | |
| 38 | Did the election of Trump break the hearts of people in Ontario, Canada? Apopulation-level retrospective cohortstudy | CPDB IPDB DIN |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | HYPER ODD |
| | | OMID CONTACT |
| | | RPDB |
| | | |
| 39 | Differences in outcomes in kidney transplant recipients with optimal versus suboptimal dialysis starts at the time of graft failure | IPDB PCCF |
| | | INST CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS HIV ODD |
| | | OMID |
| | | CENSUS POP |
| | | RPDB OCR ORGD |
| | | ORGD ORGD |
| <u></u> | Difference in the Advanced Treatment of Deblerook Discounting the Control of the | |
| 350 | Differences in the Advanced Treatment of Parkinson's Disease: Examining Useand Outcomes of Deep Brain Stimulation | IPDB LHIN PCCF |
| | | REF INST |
| | | INST CORR DAD |
| | | HCD |
| | | NACRS OHIP SDS |
| | | CENSUS |
| 1 | | CONTACT POP RPDB |
| 1 | | · · |
| | | |

| # | Project Title | ICES Data |
|-----|---|--|
| 351 | Direct Attributable Costs of Children with Inflammatory Bowel Disease in Canada: Predicting High-Cost Users of the Health System | IPDB PCCF |
| | | PCCF AVGPRŒ ESTSOB CCRS |
| | | DAD HCD |
| | | NACPS NRS |
| | | ODB OHIP SDS |
| | | OCCC CONTACT |
| | | RPDB ADP CAPE |
| | | CAPE ERCLAIM GAPP |
| | | OCCI OHCAS |
| | | Dataset #1: ClHR/CHILD Foundation Canadian Children IBD Network (ClDsCaNN) (PIBD_Costs_all) |
| | | Dataset #2: CHR/CHILD Foundation Canadian Children IBD Network (CIDsCaNN) (PIBD_Costs_therapy) |
| | | Dataset #3: CIHR/CHILD Foundation Canadian Children IBD Network (CIDsCaNN) (PIBD_IMP3) |
| | | Dataset#4: CIHR/CHILD Foundation Canadian Children IBD Network (CIDsCaNN) |
| 352 | Directhealthcare costs for vancomycin-resistant enterococal (VRE) infections in Ontario, Canada: population-based matched cohortstudy | (PIBD_PQL) |
| | | N REF |
| | | T AVGPRŒ |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS RPDB |
| | | ADP CAPE |
| | | GAPP HCDMOH |
| | | OCCI NDFP VRE |
| | | patient cohort |
| | | VRE Positive Blood Culture |
| 353 | Direct oral anticoagulants and the risk of acute kidney injury | DIN PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP SDS |
| | | CONTACT RPDB |
| | | GDML OLIS IP DB |
| | | CORR |
| 354 | Disparities in access to endometrial cancer surgery in Ontario and the influence of morbid obesity on wait times | IPDB LHIN |
| | | LHIN INST DAD |
| | | NACRS OHIP |
| | | SDS ODD |
| | | CENSUS CONTACT RPDB ONMARG |
| | | CIC |
| | | OCR CCHS |
| 355 | Disparilies in Colorectal and Lung CancerStage of Diagnosis | Cancer Care Ontatio (CCO) W ait Time data CPDB |
| | | IPDB LHIN PCCF |
| | | DAD OHIP |
| | | CENSLS RPDB CAPE |
| | | CIC OCR |
| | | getacg |
| 76 | Distribution of Kidney Function Laboratory Values among Patients Screened in Primary Care | SDS |
| | | |
| 357 | Distribution of Kidney Function Laboratory Values among Patients Screened in Primary Care using OLIS | IPDB PCCF |
| | | REF CORR |
| | | DAD OHIP SDS |
| | | RPDB OUS |
| | | |
| 358 | DMAB: Denosumab for Osteoporosis - Use, Safety and Effectiveness | IPDB PCCF |
| | | AVGPRŒ CCRS |
| | | DAD HCD NACRS |
| | | NRS ODB OHIP |
| | | OMHRS |
| | | SDS ASTHMA CHF |
| | | COPD HYPER ODD |
| | | OMD RPDB |
| | | ADP ONMARG |
| | | OCR |
| 359 | Do climate factors influence the geographic distribution of RSV hospitalizations among children in Ontario? | ORGD |
| 30 | | GEMSURF AQHI |
| | | Ecological Land Classification: Ecoregions |

| # | Project Title | ICES Data |
|-----|---|------------------------|
| 30 | Do common urologic procedures increase the risk of an infected joint prosthesis? | IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST DAD |
| | | NACRS |
| | | ODB OHIP |
| | | SDS |
| | | ODD CENSUS |
| | | CONTACT POP |
| | | RPDB CORR |
| | | COM |
| 31 | Do physician-patient relationships or high visit frequency affect the link between daily patient volume and quality of primary care? | DAD |
| | ., , | OHIP OMHRS |
| | | SDS ALR |
| | | Dementia |
| | | |
| 300 | DOC Utility: screening Depression, Obstructive sleep apnea and Cognitive impairment to identify stroke clinic patients at risk of adverseoutcomes | ONMARG |
| 312 | DOC dully: screening depression, dostrudive sieep apriea and cognitive impairment to identify stoke clinic patients at its k dradverseduicomes | IPDB |
| | | HCD ODB OMHRS |
| | | OMHRS HYPER |
| 1 | | ODD OUS |
| L | | DOC Utility Data |
| 38 | Does Proton-Pump Inhibitor Use Increase Implant Failure in Arthroplasty Patients over the Age of 65? | IPDB LHIN |
| 1 | | PCCF |
| 1 | | INST DAD |
| 1 | | NACRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS CENSUS |
| 1 | | CENSUS RPDB CAPE |
| | | ONMARG |
| | | |
| | | |
| 36 | Does the use of brachial plexus block reduce ED visits and unplamed hospital admissions following ambulatory shoulder surgery in ON? | CPDB IPDB |
| | | LHIN PCCF |
| | | REF INST |
| | | DAD |
| | | NACRS OHIP |
| | | SDS CENSUS |
| | | CONTACT |
| | | CONTACT POP |
| | | RPDB CAPE |
| | | ONMARG |
| | | |
| 五 | Drivers and consequences of variation in a ortic stenosis therapy in Ontario | DIN PCCF |
| | | REF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS |
| | | CHF COPD |
| 1 | | HYPER ODD |
| 1 | | RPDB |
| 1 | | DEMENTIA CCN |
| 1 | | |
| | Drug incurence and haddhagragests | COPO |
| 386 | Drug insurance and healthcarecosts | CCRS DAD |
| 1 | | HCD NACRS NRS |
| 1 | | NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS |
| 1 | | CHF |
| 1 | | HYPER ODD |
| 1 | | ADP ETHNIC |
| 1 | | CCHS |
| 1 | | PCPOP |
| 1 | | |
| 307 | Drug safety in patients with low eGFR - feasibility | IPDB |
| 1 | | DIN LHIN PCCF |
| 1 | | PCCF REF |
| 1 | | CORR |
| 1 | | DAD NACRS |
| 1 | | ODB OHIP |
| 1 | | SDS |
| 1 | | CENSUS CONTACT |
| 1 | | CONTACT POP RPDB |
| 1 | | GDML |
| 1 | | ous |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|---------|---|---------------------------|
| 38 | Early detection of Health Problems | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF |
| | | REF INST CCRS |
| | | DAD HCD |
| | | HOBIC NACRS |
| | | NRS ODB OHIP |
| | | OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHM |
| | | A CHF COPD |
| | | HIV HYPER |
| | | MOMBABY OCCC ODD |
| | | OMD |
| | | ORAD CENSUS |
| | | CONTACT POP RPDB |
| | | HCES ADP |
| | | CAPE CENSUSCA |
| | | EMPAID |
| | | CCHS OCR |
| 1 | | PCPOP |
| <u></u> | Forth Development (FDN Data Internation | DM |
| 39 | Early Development Instrument (EDI) Data Integration | DIN LHIN |
| 1 | | PCCF DAD HOBIC |
| | | OHIP |
| | | RPDB % getacg |
| | | %gelacg ASTHM A NMS |
| | | |
| 310 | Early healthcare use patterns among resettled refugees in Ontario | IPDB DAD |
| | | DAD NACRS OHIP |
| | | CENSUS RPDB NMS |
| | | %getacg |
| | | |
| 371 | Early hospital discharge of Ontario midwifery clients: Trends over time | IPDB PCCF |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | SDS ASTHMA CHF |
| | | COPD HIV |
| | | HYPER MOMBABY |
| | | OCCC |
| | | ODD OMD ORAD |
| | | CENSUS CONTACT |
| | | RPDB |
| | | ADP CAPE |
| 1 | | OLIS ONMARG |
| 377 | Early Phase Interventions for Acute Ischemic Heart Failure | MOMBABY ORGD |
| 1 - | | ORGD |
| | | |
| 373 | Early Psychosis and Help-Seekingin Primary Care | LHIN PCCF |
| 1 | | REF |
| 1 | | INST DAD NACRS |
| 1 | | OHIP OMHRS |
| 1 | | SDS HYPER |
| 1 | | MOMBABY |
| 1 | | ODD CENSUS CONTACT |
| 1 | | POP RPDB |
| 1 | | CPDB IPDR |
| 1 | | LHIN PCCF |
| 1 | | SDS ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | MOMBA BY OCCC |
| | | ODD |
| 1 | | OMID ORAD PCPOP |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|-----------------------------|
| 34 | Ealing disorders in Ontario | IPDB LHIN |
| | | DAD NACRS |
| | | ODB OHIP OMHRS |
| | | OMPRS ASTHMA CHF |
| | | COPD HIV |
| | | HYPER |
| | | MOMBABY OCC ODD |
| | | ODD OMD ORAD |
| | | CENSUS RPDB |
| | | CAPE ONMARG CIC |
| | | ETHNIC |
| | | OCR ORGD |
| | | |
| 35 | EchocardiographicPredictors of Outcomes in Patients with and without Heart Failure | IPDB DIN |
| | | REF DAD |
| | | NACRS ODB OHIP |
| | | OHIP SDS ASTHMA |
| | | ASTHMA COPD |
| | | COPD HYPER MOMBABY |
| | | ODD RPDB |
| | | ORGD |
| | | Echo Data |
| 36 | Economic burden of initial melanoma treatment in Ontario | CPDB IPDB |
| | | DIN INST CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | RPDB ADP ALR |
| | | NDFP |
| | | OCR ORGD |
| | | Wholesale Cancer Drug Costs |
| 377 | Economic Burden of Low Vision Population in Ontario | IPDB DIN |
| | | LHIN PCCF REF |
| | | REF INST AVGPRŒ |
| | | ESTSOR |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB OHIP |
| | | OMHRS SDS |
| | | CENSUS POP RPDB |
| | | RPDB ADP_ |
| | | ADP CAPE GAPP |
| | | OCCI OHCAS |
| | | OCR |
| 378 | Economic burden of Respiratory Syncitial Virus (RSV) -associated hospitalizations of infants and young children | IPDB |
| | | DIN LHIN |
| | | PCCF INST |
| | | AVGPRŒ ESTSOB CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OM/IRS |
| | | SDS |
| | | ASTHMA CHF |
| | | MOMBABY CENSUS |
| | | CONTACT RPDB ADP |
| | | ADP CAPE GAPP |
| | | GAPP OCCI OHCAS |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|---|
| 39 | Economic Burden of Thoracic Aorlic Dissedions and Thoracic Aorlic Aneurysms: A Population Based Cost Analysis | IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST AVGPRICE ESTSOB |
| | | CCRS |
| | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP SDS |
| | | ASTHMA CHF COPD |
| | | HYPER |
| | | ODD OMD |
| | | CONTACT RPDB |
| | | HCDMOH ORGD |
| | | |
| 30 | Economic Evaluation of Panitum umab Monother apyversus Combination Cetux imab-ir in otecan The apyin Third-Line Treatmento Metastatic Coloredal | DAD NACPS |
| | Cancer in Ontario: a Population-Based Analysis | ODB OHIP |
| | | OHCAS/HCD CCRS |
| | | NRS RPDB |
| | | OCR NDFP |
| | | |
| 381 | ED Visits over time at KHSC | LHIN PCCF |
| | | PCCF REF INST |
| | | NACRS |
| | | CENSUS CONTACT POP |
| | | RPDB |
| | | |
| 362 | ED visits, Repeat ED visits, and hospital admissions related to falls among seniors in Ontario | LHIN PCCF |
| | | DAD NACRS |
| | | CENSUS POP |
| | | RPDB |
| | | |
| 363 | Edmonton Symptom Assessment Scale in newly diagnosed patients with multiple myeloma: symptom burden and health care utilization | LHIN PCCF |
| | | REF INST DAD |
| | | HCD HOBIC |
| | | NACRS ODB |
| | | RPDB ONMARG |
| | | ALR NDFP |
| | | OCR ESAS |
| | | |
| 384 | Effect of chronic comorbidities on time to diagnostic testing and coloredal cancer mortality | CPDB IPDB |
| | | DIN |
| | | PCCF REF |
| | | CORR DAD NACRS |
| | | ODB OHIP |
| | | OMHRS |
| | | SDS CHF COPD |
| | | HYPER OCCC |
| | | ODD OMD |
| | | CENSUS CONTACT |
| | | RPDB CAPE DEMENTIA |
| | | DEMENTIA ORGO CIC |
| | | OCR |
| | | Laboratory Reporting Tool (LRT) |
| 36 | Effect of commonly prescribed medications and co-morbidities on patients with newly diagnosed DLBCL in the ritux imabera: a large population cohort | Dataset #2: Colonoscopy Interim Reporting Tool (CIRT) LHIN |
| | | LHIN REF CCRS |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS ODD RPDB |
| | | RPDB ETHNIC NDFP |
| | | NOPP OCR OUS |
| | | |
| 36 | Effect of continuity of care and patient-level factors on the development of multimorbidity | IPDB DAD |
| | | DAD ODB OHIP |
| | | SDS |
| | | ASTHMA CHE |
| | | COPD HYPER |
| | | ODD OMD ORAD |
| | | PPDR |
| | | CAPE CPDB |
| | | CENSUS |
| | | CONTACT |
| | | |

| # | Project Title | ICES Data |
|-----|---|---------------------------|
| ¥ | Effect of continuity of care and patient-level factors on the development of multimorbidity | CPDB IPDB |
| | | CENSUS CONTACT |
| | | ONMARG |
| | | |
| 36 | Effect of the implementation of direct-acting antiviral treatment of chronic hepatitis C on the risk of hepatocellular carcinoma in Ontario, Canada | IPDB |
| _ | | IPDB PCCF INST |
| | | CCRS |
| | | DAD NACRS ODB |
| | | OHIP |
| | | SDS RPDB |
| | | OCR OLIS |
| | | CIC ORGD |
| | | CLD |
| | | ODD |
| 200 | Effect of Transplane on Neurodeannostica Disease Ingidanno and Martelliu | IOC |
| 39 | Effect of Trazodone on Neurodegenerative Disease Incidence and Mortality | LOC CHF |
| | | |
| 390 | Effectiveness and safety of adjuvant endocrine the rapy among post-meropaus al woment reated with breast carcerin Ontario, Canada | IPDB DIN |
| | | LHIN PCCF |
| | | REF |
| 1 | | DAD NACRS ODB |
| 1 | | OHIP |
| 1 | | SDS CHF HYPER |
| 1 | | HYPER ODD |
| | | ORAD |
| | | CENSUS CONTACT RPDB |
| | | RPDB DEMENTA |
| | | ORGD ALR |
| | | NDFP OCR |
| | | OCR |
| | | |
| 391 | Effectiveness and safety of oral anticoagulants in the transition period from hospital to home | IPDB DIN |
| | | DAD |
| | | NACRS ODB |
| | | OHP CHE |
| | | CHF HYPER |
| | | ODD RPDB |
| | | OCR |
| | | |
| 392 | Effectiveness of Confidential Reports Describing Prescriptions for Antipsycholic Medications in Long-Term Care Homes | IPDB DIN |
| | | INST CCRS |
| | | DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC |
| | | RPDB NRS |
| | | |
| 383 | Effects of Ambient Air Pollution on Incident Atrial Fibrillation and Stroke | DAD NACRS |
| 1 | | ODB OHIP |
| 1 | | SDS ASTHMA |
| 1 | | AS IHMA COPD |
| 1 | | HYPER |
| 1 | | ODD OMID |
| 1 | | CENSUS CONTACT |
| 1 | | CONTACT POP RPDB |
| 1 | | ONMARG |
| 1 | | OPHECE NPHS |
| 1 | | NPHS CCHS |
| | | |
| 394 | Effects of hospital funding reforms in Ontario on patients diagnosed with localized prostate cancer: a population-based retrospective cohorts tudy | IPDB DIN |
| 1 | | LHIN PCCF |
| 1 | | REF INST |
| 1 | | DAD |
| 1 | | NACRS ODB |
| 1 | | OHIP SDS |
| 1 | | CHF COPD |
| 1 | | HYPER |
| 1 | | ODD |
| 1 | | OMID CENSUS POP |
| 1 | | RPDB |
| 1 | | OCR ORGD |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|-------------------------|
| 35 | Effects of non-medication adherence on COPD related health care utilization | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | AVGPRICE ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHMA |
| | | CHF COPD HYPER |
| | | OCCC ODD |
| | | OMD ORAD |
| | | CENSUS CONTACT |
| | | ADP |
| | | CAPE GAPP |
| | | OCCI OHCAS |
| | | OHCAS DEMENTIA NRS |
| | | NRS ONMARG |
| | | |
| 396 | EGS & Transplants | INST CORR |
| | | DAD |
| | | NACRS OHIP ASTHMA |
| | | AS IHMA CHF COPD |
| | | HIV |
| | | HYPER CENSUS |
| | | POP RPDB |
| | | ORGD |
| | | |
| 397 | EHMRG-ML: Using Machine Learning to Identify Previously Unrecognized Predictors of Mortality to Improve the EHMRG mortality models | DAD NACRS |
| | | NACRS ODB OHIP |
| | | SDS RPDB |
| | | EDHF |
| | | EFFECT 2 |
| | | IPDB PCCF |
| | | ASTHMA CHF |
| | | COPD HYPER |
| | | MOMBABY |
| | | ODD ORGD |
| | | EFFECT EHMRG |
| | | ISCHEMIC CCRS |
| | | HCD NRS |
| | | OMHRS INST |
| 38 | Elligibility criteria for seniors' dental program in the city of Hamilton | PCCF |
| | | ODB CENSUS |
| | | RPDB |
| | | |
| 39 | Elective surgery practicepatterns and outcomes in end of life populations | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST AVGPRICE |
| | | ESTSOB CCRS |
| | | CCRS CPRO DAD |
| | | HCD NACRS |
| | | NRS |
| | | ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC SDS |
| | | CHF COPD |
| | | HIV OCCC |
| | | ODD OMD |
| | | OMID ORAD CENSUS |
| | | CONTACT |
| | | POP RPDB |
| | | ORGD getacg |
| | | OCR |
| 40 | Elements of High-Quality Colorectal Cancer Care in Ontario | IPDB |
| | | LHIN PCCF |
| | | REF INST |
| | | DAD NACRS |
| | | OHIP |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | ODD OMID |
| | | CENSUS RPDB |
| | | OCR ORGD |
| | | |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|--|
| स | Elevated cardiac troponin levels andriskofadverse outcomes in patents with cardiovascularand non-cardiovascular conditions | PDB DN PCCF RET NST NST NST NST NST NST NST NST NST NS |
| 42 | Emergency Department Outcomes for patents with Cancer | PDB PCCF INST CCPS CCPS DCD DCD DCD NACPS CHIP RACCA RAHC RAHC ASTHMA CHF COD CMD CMD RPDB ALR NDFP COCK SDS |
| 403 | Emergency Department Self-Harm and Suicide among Immigrants and Non-Immigrants to Ontario | LIBIN PCCF DAD NACRS OB OB CHIP OMHRS CENSUS CONTACT RPDB OMNARC CC CNACC CNACC COMBO COMB |
| 404 | Emergency Department Utilization by Pregnant Women in Ontario | LUIN PCCF REF DAD NACIS OHIP SIS MOMBABY CENSUS RPDS BOM GC Gdag |
| 45 | Endometrial ablaton: morbidity, outcomes, and cancer | CPDB IPDB LINN PPDB LINN PPDF RCF RCF RST DAD NACRS OHIP SDS HHPER O CENSIS POP RPDB COCR |
| -46 | Endometriosis, Infertility and Obstetrical Outcomes in Ontario | PDB PCCF REF DAD NACIS OHIP SIS SIS SIS SIS SIS SIS SIS SIS SIS S |
| | Endos copis texperience and colonoscopy-telated complications: Apopulation-based study | PDB LIN NST DAD NACRS ODB CHP SSTMA CHF COPD HYPER OCCC ODD ORAD ORAD ORAD ORAD ORAD ORAD OMARG DEMNIIA OCR |
| 48 | Endovascular frombectomy (EVT) ICESanalytics support | CPDB IPDB LHIN PPCF REF REF DAD NACIS OHIP SIS SIS MOMBABY CONTACT RPDB |

| # | Project Title | ICES Data |
|-----|--|---------------------------|
| 49 | End-Stage Renal Disease Related Deathsin Ontario | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | CCRS DAD |
| | | HCD HOBIC NACRS |
| | | NRS ODB OHIP |
| | | OMHRS |
| | | RAICA RAIHC SDS |
| | | ASTHM |
| | | A CHF COPD HIV |
| | | HYPER MOMBABY OCCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | CONTACT POP RPIB |
| | | HCES ADP |
| | | CAPE CENSUSOA |
| | | EMRALD CCHS OCR |
| | | PCPOP |
| | | |
| 40 | Enhancing cardiovascularrisk prediction and improving treatment using coronary artery calcium scoring | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | REF INST |
| | | CORR DAD |
| | | NACRS ODB OHIP |
| | | SDS ASTHM |
| | | A CHF COPD |
| | | HYPER ODD |
| | | CENSUS CONTACT |
| | | POP RPDB OUS |
| | | EMRPC ETHNIC |
| | | ORGD GDML OCR |
| | | CAC Scores |
| 41 | Enhancing the Collaboration with Primary Care Teams Whose Patients are Treated at Sunnybrook Health Sciences Centre - an OHT Project | CPDB IPDB |
| | | IPDB INST DAD |
| | | NACRS OMHRS |
| | | SDS RPDB |
| | | CAPE |
| 42 | Enriching Word Embeddings with Clinical Notes | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF REF |
| | | INST CCRS |
| | | DAD HCD HOBIC |
| | | NACRS |
| | | NRS ODB OHIP |
| | | OMHRS RAICA PAULE |
| | | RAIHC SDS ASTHM |
| | | A CHF COPD HIV |
| | | HYPER |
| | | MOMBABY OCCC ODD |
| | | OMD ORAD |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | HCES ADP CAPE |
| | | CENSUSCA EMRALD |
| | | CCHS OCR PCPOP |
| .00 | Environmental Burden of Disease Study (EBO) by the Environmental and Occupational Health (EOH) Team at Public Health Ontario (PHO) | IPDB |
| 40 | | AVGPRICE ESTSOB DAD |
| | | OHIP |
| | | SDS ASTHMA COPD |
| | | HYPER |
| | | ODD CENSUS CONTACT |
| | | POP RPDB |
| | | CAPE OBSP OCR |
| | | ORGD PCPOP |
| | | |
| | | |

| # | Project Title | ICES Data |
|----|---|--|
| | Environmental Sensitivities, Chronic Fatigue Syndrome and Fibromyalgia in Ontario | DIN CCRS DAD |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | CONTACT RPDB |
| | | CAPE CCHS |
| | | |
| 45 | Epidemiology and health care utilization of patients with sarcoidosis in Ontario, Canada | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | CORR DAD |
| | | ODB OHIP |
| | | CENSUS CONTACT |
| | | RPDB CENSUSOA |
| | | ERCLAIM CERNER |
| | | |
| 46 | Epidemiology and Outcomes of pregnancy in cirrhosis: Apopulation-baseds tudy | CPDB IPDB DIN |
| | | LHIN |
| | | CORR DAD NACIS |
| | | ODB OHIP |
| | | SDS MOMBABY |
| | | CONTACT |
| | | RPDB OLIS ORGD |
| | | Cirrhosis Cohort PHO Hepatitis B and C lab data |
| L | | |
| 47 | Epidemiology of Pediatric Cirrhosis in Ontario: Apopulation-based study | IPDB DIN |
| | | LHIN REF |
| | | CORR DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | MOMBABY ODD |
| | | CENSUS CONTACT POP |
| | | RPDB OUS |
| | | ORGD CPDB |
| | | INST HYPER |
| | | OCR ETHNIC |
| | | |
| 48 | Epidemiology of Prenatal Opioid Use and Associated Maternal Characteristics in Ontario | LHIN PCCF |
| | | DAD NACRS ODB |
| | | OHIP |
| | | OMHRS SDS HIV |
| | | MOMBABY CENSUS |
| | | RPDB NMS |
| | | CIC |
| | | gelacg CORR HCD |
| | | NRS RAICA |
| | | SDS ORGD |
| | | |
| 49 | Epidemiology of Prosthetic Hip and Knee Joint Infections in Ontario | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF INST |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | HYPER |
| | | CENSUS POP |
| | | RPDB OLIS |
| | | ONMARG POPCAN |
| | | ORAD DEMENTIA |
| | | OMHRS |
| 40 | Epidemiology, Natural History and Healthcare Utilization of Young Adults with Cirrhosis (ENHANCE) | DIN REF |
| | | REF INST CCRS |
| | | CCRS HCD ASTHMA |
| | | AS IHMA COPD |
| | | COPD HIV HYPER |
| | | OCCC |
| | | POP ETHNIC |
| | | |
| | | |

| # | Project Title | ICES Data |
|--------|--|---|
| # 2 | Epidemiology, Natural History, and Healthcare Utilization of Young Adults with Cirrhosis (ENHAnCe): A Population -based Study | CPDB |
| | | IPDB LHIN CORR |
| | | DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | MOMBA BY CONTACT |
| | | RPDB HCES OLIS |
| | | ORGD |
| | | DIN REF |
| | | INST |
| | | HCD ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | OCCC ODD |
| | | POP ETHNIC |
| | | 1ECHO and IHCC Database |
| 42 | Epilepsy risk following ICU hospitalization for sepsis | 2Public Health Ontario Hepatitis B and C Data IPDB LHIN LHIN |
| | | CORR |
| | | DAD NACRS |
| | | OHIP SDS |
| | | RPDB OLIS ORRS |
| | | ORRS |
| L | | |
| 43 | Equity in immunity to measles and rubella in Ontario | DAD NACRS |
| I | | OHIP RPDB |
| | | CIC |
| L | | PHO LabW are - measles and rubella immunity data (quantitative) |
| -84 | Equity in the utilization of psychiatric inpatient care amongpatients with severe mental illness (SMI) in Ontario, Canada | LHIN PCCF |
| | | PCCF REF CCRS |
| I | | CPRO DAD |
| | | HCD NACRS |
| | | NRS |
| | | ODB OHIP OMHRS |
| | | SDS CHF |
| | | ODD CENSUS |
| | | CONTACT POP |
| | | RPDB |
| | | ONMARG ORGD CIC |
| | | |
| 45 | Estimating Albumin-to-Creatinine Ratio Test Values for Patients without Tests | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | SDS CENSUS |
| | | RPDB |
| | | ERCLAIM HCDMOH NPHS |
| | | OHS ONMARG |
| | | NDFP OCR |
| | | ORGD |
| | | |
| 46 | Estimating HIV incidence and the undiagnosed fraction of people living with HIV in Ontario | DAD NACRS |
| I | | ODB OHIP |
| I | | HIV CENSUS CONTACT |
| I | | RPDB |
| | | CIC ORGD |
| | | |
| Ð | Estimating the completeness of physician billing claims for diabetes case ascertainment using population-based prescription drugdata | CPDB |
| ľ | g , | CPDB IPDB DIN LHIN |
| I | | LHIN PCCF REF |
| I | | DAD |
| I | | ODB OHIP |
| I | | ODD CENSUS POP |
| | | POP RPDB |
| | | |
| -8 | Ethnic variations in the time trends of the incidence and prevalence of dementia and parkinson ism | DAD NACRS |
| | | ODB |
| I | | OHIP SDS ASTHMA |
| I | | ASTHMA CHF COPD |
| | | HYPER |
| | | ODD OMD |
| | | CENSUS CONTACT |
| | | POP POP RPDB NPHS |
| | | NPHS ONMARG |
| | | CIC |
| I | | ETHNIC CCHS |
| | | |

| # Project 1 | itle ICES Data |
|---|--|
| Evaluating Access Patterns of the Ontario Naloxone Program for Pharmacies | DIN LHIN |
| | PCCF |
| | REF DAD |
| | NACRS ODB |
| | OHIP OMHRS |
| | SDS ASTHM |
| | A COPD CENSUS |
| | CONTACT |
| | RPDB ONMARG |
| | NMS |
| | CPDB IPDB |
| | Interactive Opioid Tool |
| Evaluating ADP-Funded Insulin Pump Centres in Ontario | CPDB IPDB |
| | LHIN |
| | PCCF REF |
| | INST DAD |
| | NACRS ODB OHIP |
| | OHIP RAIHC |
| | CENSUS RPDB |
| | CAPE PCPOP |
| | 1.00 |
| | |
| Evaluating appropriateness of use and clinical outcomes of Ezetimibe in Ontario | IPDB |
| | DIN LHIN |
| | PCCF REF |
| | INST DAD |
| | NACRS |
| | ODB CHIP SDS |
| | CHE |
| | COPD HYPER |
| | ODD OMD |
| | CENSUS |
| | CONTACT P.DP RPDB |
| | KF UB |
| M F. J. | A section of the Control of Contr |
| | y departments in Ontario, Canada LHIN PCCF REF |
| | INST |
| | AVGPRICE ESTSOB |
| | DAD NACRS |
| | OHIP OMHRS |
| | SDS ASTHMA |
| | OCCC |
| | CONTACT RPDB MOMBABY |
| | MOMBABY PIBD |
| | |
| Evaluating outcomes and hospitalizations after transcatheter mitral valverepair | DIN |
| | LHIN REF |
| | CORR |
| | DAD COB CHIP |
| | CHIP SDS CENSIS |
| | RPDB CUS |
| | OLIS ORRS |
| | |
| Evaluating Palliative Care and Healthcare Utilization | IPDB DN |
| | DIN LHIN |
| | |
| | PCCF |
| | PCCF REF INST |
| | PCCF REF NOT NOT NOT STROE ESTOR |
| | PCCF REF NST NST ME E EST OB CORR |
| | PCCF REF INST AVGPINGE ESTSOB CORR CORR COPRO DAD |
| | PCCF REF INST AVGPINGE ESTSOB CORR CORR COPRO DAD |
| | PCCF REF NOT PME NOT PME E STSOB CCRS CCRR CPRO DAD HOUSE NISS |
| | PCCF REF INST AVGPRICE ESTSOB CCRS CORR CORR CORR CORR CORR ODL HOD HOD NRS OOB ORP OMHS |
| | PCCF REF NST AVGP RICE E SP.00 C CRR C CRR C CRR C CPR DAD HCD NACRS NNS C CRP C CRP C CRP C CRC |
| | PCCF REF NST AVGPROE E SISON CORR CORR CPRO DAD HCD NACRS NIRS ODB CORP CORP CORP CORP SORR RAHC SDS |
| | PCCF REF INST AVGPHICE E STSOB CORR CORR OPRO DAD HCD NACRS NIRS ODB OHIP COMINS RAICA RANG RANG RANG ASTMA CHF |
| | PCCF REF NOTERNAME SETSOB CCRS CCRR CPRO DATA HACD NACBS NISS OBB COBB COBB COBB COBB COBB COBB COB |
| | PCCF REF NST AVGP RICE E SPOD C CORR C CRR C CPRO DAD HCD NACRS NRS C CRP C PRO OMHIS RAICA RAIHC SSS ASTHMA C OFF C COPD H C COPD |
| | PCCF REF NOT PME STORE ESTSOB CCRS CCRR CPRO DAD HOLD HOLD HOLS NINS OOB CHIP OMHUS RACIA |
| | PCCF REF NST AVGPROE E SISON CORR CORR CPRO DAD HCD NACRS NISS ODB CORP CORP CORP CHP CORP CORP CORP CORP CORP CORP CORP COR |
| | PCCF REF NOT PME STORE ESTSOR CCRS CCRR CPRO OAD NOT STORE CORR CPRO OAD NOT STORE OAR OAR NACOS NNS OB CHES OB ASTHAM CRAC SOS ASTHAM CUFF COPPO HYPE COPPO HYPE COPPO CRISUS CONTACT REPOB |
| | PCCF REF NOTE MADE STORE ESTORE CORR CORR CORR CORR CORR CORR CORR C |
| | PCCF REF NOT PME STORE ESTSOR CCRS CCRR CPRO OAD NOT STORE CORR CPRO OAD NOT STORE OAR OAR NACOS NNS OB CHES OB ASTHAM CRAC SOS ASTHAM CUFF COPPO HYPE COPPO HYPE COPPO CRISUS CONTACT REPOB |

| # | Project Title | ICES Data |
|-----|--|---|
| | Evaluating Palliative Care in Non-Cancercus Disease | CPDB |
| | | IPDB DIN LHIN |
| | | PCCF REF |
| | | INST AVGPRŒ |
| | | ESTSOB CCRS CORR |
| | | CORR CPRO DAD |
| | | HCD NACRS |
| | | NRS ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC SDS |
| | | ASTHMA CHF |
| | | COPD HIV |
| | | HYPER OCCC |
| | | ODD OMID CENSUS |
| | | CONTACT POP |
| | | RPDB ADP |
| | | ORGD |
| | Evaluating Quality Improvement Interventions in Colorectal Cancer Surgeryin Ontario | I HIN |
| | | LHIN CCRS DAD |
| | | NACRS OHIP |
| | | RPDB OCR ALR |
| | | ALK NDFP |
| 40 | Evaluating the appropriateness of community antibiotic use: An OPTIMISE study | IPDB |
| 1 | · · · · · · · · · · · · · · · · · · · | LHIN PCCF |
| | | DAD NACRS OHIP |
| | | OMHRS SDS |
| | | CENSUS CONTACT |
| | | RPDB ONMARG |
| | | ORGD Military |
| | | family identifier |
| | | getacg ODB OMHRS |
| | | SDS ODD |
| | | CAPE OCR PCPOP |
| | | FCFCF |
| -68 | Evaluating the association between maternal and earlylife exposuresto ambientair pollution, and the risk of pediatric inflammatory bowel disease | LHIN PCCF INST |
| | | CCRS CPRO |
| | | DAD HCD |
| | | NACRS ODB |
| | | OHIP RAIHC |
| | | ASTHMA CHF |
| | | COPD HYPER OCCC |
| | | ODD OMID |
| | | ORAD CONTACT RPDB |
| 1 | | RPDB CENSUS Normalized Difference Vegetation Index (NDVI) - MODIS dataset |
| 49 | Evaluating the costand effectiveness of the SAFE Unit | Residential greeness measures from the Landsat satellite |
| | | LHIN PCCF INST |
| | | AVGPRŒ CCRS CPRO |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OM/IRS |
| | | OMPHS RAICA RAIHC |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HIV HYPER OCCC |
| | | OCCC ODD OM/D |
| | | OMD ORAD CONTACT RPDB |
| | | DEMENTA |
| | | ORGD ADP SAFE Unit |
| 40 | Evaluating the Effect of Sentinel Lymph Node Procedures on Groin Node Dissection Rates in Women with Invasive Vulvar Carcer in Ontario | IPDB |
| | , , , , , , , , , , , , , , , , , , , | DAD NACRS OHIP |
| 1 | | RPDB |
| | | OCR |
| | | |

| # | Project Title | ICES Data |
|----|---|--|
| 41 | Evaluating the impact of Ontario's new PSA testing policy | THIN |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | SDS RPDB |
| | | ADP OCR |
| | | OLIS |
| 40 | Evaluating the impact of primary care reforms in Ontario on the quality of care and health service use of persons with dementia | CPDR |
| | , , , , , , , , , , , , , , , , , , , | CPDB IPDB DIN |
| | | PCCF AVGPRŒ CCRS |
| | | DAD |
| | | HCD NACRS NRS |
| | | ODB OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HYPER ODD CENSUS |
| | | CONTACT |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | GAPP OHCAS OCCI ORGD |
| | | ESTSOB RAIHC |
| | | |
| 43 | Evaluating the impact of selected antibiotic stewardship interventions on Cdifficite infection incidence in Ontario long term carefacilities | IPDB DN PCCF |
| | | PCCF REF AVGPRICE ESTSOB |
| | | DAD |
| | | NACRS ODB OHIP |
| | | SDS CHF |
| | | COPD HYPER |
| | | ODD OMID CENSUS |
| | | CONTACT RPDB |
| | | ous |
| 44 | Evaluating the Impactof the Healthy Kids Community Challenge (HKCC) on Healthy Weights Using the EMRALD | IPDB |
| | evaluating the impactor the meaning kas continuous chamerings (mkcc) on meaning weights using the emkaled | DAD NACRS |
| | | OHIP OMHRS SDS |
| | | ASTHMA ODD |
| | | CENSUS RPDB |
| | | CIC EMRALD ETHNIC |
| | | Healthy Kids |
| | | Community Challenge |
| | | postal Codes MOMBABY |
| | | OCC CONTACT CAPE |
| | | CAPE |
| 45 | Evaluating the integration of Indigenous Healing with principals of Seeking safety for treatment of Indigenous patients with substance use disorder | DIN DAD |
| | | NACRS ODB |
| | | OHIP CHF HYPER |
| 1 | | ODD OMD |
| | | CONTACT RPDB ALR |
| 1 | | ALK OCR ORGD |
| | | Berbowopka Data Records Berbowopka IHSS Dataset |
| 46 | Evaluation of "real-world" clinical and economical outcomes of catheter-based atrial fibrillation ablation | Benhowopka IHSS Dataset DIN LHIN |
| 1 | | PCCF REF |
| 1 | | AVGPRŒ CCRS |
| | | DAD HCD NACRS |
| | | NACRS NRS ODB |
| 1 | | OHIP OMHRS |
| | | SDS |
| 1 | | COPD HYPER ODD RPDB |
| 1 | | ADP |
| | | CAPE GAPP OHCAS |
| | | OCCI CCN CHF |
| | | |
| 40 | Evaluation of 2017/18 Surge Bed Strategy | DAD OHIP SDS |
| 1 | | RPDB OCR DCIS_original |
| | | DCIS_original DCIS_genomic |
| | | |
| | | |

| # | Project Title | ICES Data |
|------|---|--|
| 46 | Evaluation of a rapid assessmentoulpatient heartfailure clinic and its impacton hospital admissions and emergencyroom vis its | DAD OHIP SIDS RPDB RPDB MACRS PDB CVFER CVFER CVFER CODC CUS ORGO Rapid HF |
| 46 | Evaluation of air quality policies | DAD NACRS COB OHIP SOS ASTHMA CHF |
| | Evaluation of geriatric trauma in Ontario | CPDB UNIN PIST CCRS CPRO DAD DAD DAD DAD DAD DAD DAD DAD DAD DA |
| - SI | Evaluation of Health Links in the Southeastern Local Integration Network (LHIN) | PCCF RIST AVCPRICE ESTSCOB CCORR DAD HCD NACRS NRS ORD ORD ORD OMB CONTR OMB |
| € | Evaluation of patient-reported outcomes in GI cancer: A population-level analysis of patient-reported symptom burdens | UBM BST CCRS DAD HCD NACRS SDS CENSUS RPDB OMMARG OCM ST |
| & | Evaluation of Quantity and Quality of Services under Different Physician Payment Models | CPDB UHN PDB LHN PCCF AVGPRICE DAD NACRS CHIP SUS ASTHMA ASTHMA COPD COPD HW HVPER CODD COMD CORAD CORAD CENSUS CCNNIACT CENSUS CAPE CAPE CAPE CAPE CAPE CAPE CAPE CAPE |

| # | Project Title | ICES Data |
|-----|--|---|
| -54 | Evaluation of robotic surgery in Ontario | CPDB IPDB |
| | | LHIN INST |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP SDS |
| | | RPDB |
| | | ONMARG ALR |
| | | OCR ORGD |
| | | AVGPRIGE CCRS OMHRS |
| | | ADP CAPE |
| | | GAP P OCCI |
| | | OCCI getacg CHF |
| | | COPD |
| | | HYPER ODD |
| | | OMID OLIS |
| | | ESAS |
| 45 | Evaluation of the benefit of stress testing after presentation to the emergency department with chest pain | CPDB IPDB |
| | | DIN LHIN INST |
| | | DAD |
| 1 | | HCD NACRS |
| 1 | | ODB OHIP |
| 1 | | SDS ASTHM A CHF |
| | | A CHF COPD |
| | | COPD HYPER ODD |
| | | CONTACT POP |
| | | RPDB |
| | | |
| 466 | Evaluation of the Generic Valsartan Recall in Ontario | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | PCCF REF AVGPRICE |
| | | AVGPRŒ ESTSOB CCRS |
| | | DAD |
| | | HCD NACRS |
| | | NRS ODB OHIP |
| | | OHIP OMHRS SDS |
| | | HIV. |
| | | CENSUS RPDB ADP |
| | | CAPE |
| | | GAPP OCCI OHCAS |
| | | ALR NDFP |
| | | OCR ORGD |
| | | Public Health Ontario Laboratory HCV Records |
| L | | |
| গ্ৰ | Evaluation of the Impact of Primary Care Heart Failure Billing codes on Clinical Outcomes | IPDB PCCF CCRS DAD |
| 1 | | CCRS DAD |
| I | | HCD NACRS |
| I | | OHIP RAICA |
| I | | RAIHC SDS |
| 1 | | CHF COPD |
| 1 | | HYPER ODD |
| 1 | | RPDB CAPE |
| 1 | | OCR DIN LHIN |
| I | | REF |
| 1 | | AVGPRŒ ESTSOB CORR |
| I | | ODB |
| | | OMHRS |
| -58 | Evaluation of the Modernization of the Homes for Special Care in London, Ontario | LHIN PCCF |
| | | REF |
| I | | INST DAD NACRS |
| I | | NACRS OHIP OMHRS |
| I | | OMHRS CENSUS CONTACT |
| | | RPDB |
| | | 1) 2019-02-08 CHO for ICES 2) 2019-02-08 HSCtor ICES |
| L | | -,: 1100M IOLO |

| # | Project Title | ICES Data |
|-----|--|--|
| 49 | Evaluation of utilization of services before, during, and after outpatient rehab using data from NACRS Clinic Lite | CPDB IPDB |
| | | AVGPRŒ STIDPRIC E CCRS |
| | | E CORS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | OWINS RAICA RAIHC |
| | | SDS ORAD |
| | | CONTACT RPDB |
| | | ADP CAPE GAPP |
| | | OHCAS OCCI |
| | | NACRS Clinic Lite |
| | | |
| 40 | Evaluation to Action - Integrating the voices of Aboriginal children | CPDB IPDB |
| | | LHIN DAD NACRS |
| | | ODB OHIP |
| | | OMHRS CENSUS |
| | | RPDB CAPE MOMBABY |
| | | MOMBABY |
| 461 | Evaluations, interventions and outcomes of patients with syncope and chronic kidney disease (CKD) | IPDB DIN PCCF |
| | | PCCF REF CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS CONTACT |
| | | RPDB GDML |
| | | |
| 42 | Examinations of geospatial factors on health care use andaccessby older Ontarians (GIS and aging) | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF INST AVGPRŒ |
| | | STDPRIC F CCRS |
| | | CPRO DAD |
| | | HCD NACRS NRS |
| | | ODB |
| | | OHIP OMHRS RAICA |
| | | RAIHC ASTHMA |
| | | CHF COPD |
| | | HIV HYPER ODD |
| | | OMD ORAD |
| | | POP RPDB |
| | | CAPE Environment Canada - Daily Weisther |
| 463 | Examining advanced maternal age and severe maternal morbidity: What is the role of socioeconomic context? | Physician Travel Time IPDB DIN |
| | | DIN LHIN REF |
| | | NST DAD |
| | | DAD NACRS ODB |
| | | OHIP |
| | | SDS ODD CENSUS |
| | | CONTACT POP RPDB |
| | | ONMARG |
| | Evamining garaghar dictage and outcomes of earlies in home and a population home as in | LHIN |
| 44 | Examining caregiver distress and outcomes of seniors in home care - a population-based study | LHIN DAD NACRS OHIP |
| | | OMHRS |
| | | RPDB CBI CIC |
| | | |
| 45 | Examining hormone usage prior to last follow up as a surrogate for prostate cancer treatment failure/success | DIN LHIN |
| | | PCCF AVGPRIŒ |
| | | ESTSOB DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | CENSUS CONTACT POP |
| | | RPDB POPCAN |
| | | ORGD ALR |
| | | NDFP OCR |
| | | |
| | | |

| # | Project Title | ICES Data |
|----|--|--|
| 8 | Examining places of care at the end of life among immigrants and non-immigrants: a population-based study | DN LINN PCCF NCERT ROSE ROSE ROSE ROSE ROSE ROSE ROSE ROSE |
| | Examining sex-based differences of depression before acute my ocardial infarction | CPDB IPDB LHIN PPCF REF REF REF ROT NACA NACARS OCHIP OMHRS SSS ASTHMA CUP HV HV HV HVPER ODD ORAD CONTACT CONTACT RPDB ORMARG CORNARG CORNARG CORNARG |
| 40 | Examining the association between lithium levels and poor renal outcomes in older lithium users, PHASE II | PCCF REF CCRS CORR DAD MACRS OHIP OHIP COMFR SDS CONTACT RPDB OUS ORRS TOLN |
| 8 | Examining the effects of low back pain and mental health symptoms on health careutilization and costs | CPDB AVGPRCE ESTSOB CCRS DCD DCD NACRS NRS ONB OHB CHIP COPB HYPER OMD |
| 40 | Examining the impactof sociodemographic lifestyle and medical conditions on lipid levels using the CANHEART colort | CPDB PDB DN UNI PDB DN PCOF REA |

| # | Project Title | ICES Data |
|-----|---|---|
| | Examining which creatinine-based equations should be used in routine carepractice to better predict hyperkalemia | IPDR |
| | | DIN LHIN PCCF |
| | | REF CORR |
| | | DAD NACRS |
| | | ODB OHIP OMHRS |
| | | SDS CENSUS |
| | | CONTACT POP |
| | | RPDB OLIS CERNER |
| | | |
| 472 | Exploring all-cause and cause-specific mortality trends amongFirst Nations in Ontario - OPTIMISE project | Cemer Height and Weight Values PCCF REF |
| | | DAD |
| | | NACRS OHIP ASTHM |
| | | A CHF COPD |
| | | HYPER OCC |
| | | ODD OMID |
| | | ORAD CENSLS RPDB |
| | | OHCAS |
| | | ONMARG OTR OCR |
| | | ORGD IRS POP |
| | | POP CONTACT |
| | Evaluring Council Models in Healthcare Data | |
| 4/3 | Exploring Causal Models in Healthcare Data | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | REF INST |
| | | CCRS DAD |
| | | HCD HOBIC |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAICA RAIHC |
| | | SDS ASTHM |
| | | A CHF COPD HIV |
| | | HIV HYPER |
| | | MOMBABY |
| | | OCCC ODD OMID |
| | | ORAD CENSUS |
| | | CONTACT POP |
| | | RPIB HCES |
| | | ADP CAPE CENSUSCA |
| | | EMRALD |
| | | CCHS OCR PCPOP |
| | | |
| 44 | Exploring the health profiles of populations in Ontario Works (OW) and Ontario Disability Support Program (ODSP) using linkage of MCSS data | IPDB DIN |
| | | PCCF CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | SDS ASTHM |
| | | A CHF COPD |
| | | HIV HYPER |
| | | OCC ODD |
| | | ODD OMD ORAD CENSUS |
| | | CONTACT RPDB |
| | | MCSS |
| | | |
| 45 | External validation of a post-surgery AKI prediction model using Ontariodata | CORR DAD |
| | | NACES OHIP SDS |
| | | SDS RPDB OUS |
| | | |
| 46 | EXTERNAL VALIDATION OF GILBERT'S HOSPITAL FRAILTY RISK SCORE (HFRS) | DIN |
| | | DIN REF INS |
| | | T AVGPRŒ ESTSOB |
| | | CCRS DAD |
| | | NACRS NRS |
| | | ODB |
| | | OHIP OMHRS SDS |
| | | CHF HYPER |
| | | ODD RPDB |
| | | ADP CAPE GAPP |
| | | GAPP HCDMOH OCCI |
| | | OCCI |
| | | OHCAS |

| # | Project Title | ICES Data |
|------|---|---|
| 47 | External validation of HOMR-now! | DAD |
| | | NACRS ODB OHIP |
| | | Onlie SDS RPDB |
| | | UHNData |
| | | |
| 48 | Extreme ambient temperature and hypoglycemia | DIN LHIN |
| | | DAD NACRS |
| | | ODB OHIP |
| | | CHF COPD |
| | | HYPER ODD |
| | | POP RPDB |
| | | ONMARG GEMSURF |
| | | AQHI |
| | | |
| 49 | Ezetimibe use after myocardial infarction in older adults | OLIS |
| | | |
| -80 | Factors associated with earlyphysician follow-up of patients with COPD after hospital discharge | IPDB PCCF |
| | | OHIP DIN |
| | | ODB PCPOP |
| | | |
| -81 | Factors influencing newborn outcomes among women with schizophrenia | DIN DAD |
| | | DAD NACRS ODB |
| | | ODB OHIP OMHRS |
| | | ASTHM |
| | | A CHF COPD |
| | | HIV HYPER MOMBABY |
| | | ODD |
| | | RPDB BORN |
| | | |
| 40 | Factors related to declining health with cystic fibrosis(CF) | IPDB |
| | , | DIN PCCF |
| | | REF CORR |
| | | DAD HCD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | CONTACT RPDB |
| | | OHCAS |
| | | Canadian Cystic Fibrosis Registry |
| 48 | Falls among LTC residents with dementia co-prescibed cholinesteras einhibitors and cardiac rate control agents | CPDB |
| | | CPDB IPDB DIN |
| | | PCCF INST |
| | | CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS CHF |
| | | HYPER ODD ORAD |
| | | ORAD CONTACT |
| | | RPDB |
| 84 | Feasibility Study: Determining Eligibility for the ECAD trial using EMRALD | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | INST DAD NACRS |
| | | NACKS ODB OHIP |
| | | SDS |
| | | ODD ORAD |
| | | CENSUS CONTACT |
| | | POP POP ONMARG |
| | | UNMARG |
| | | |
| 46 | Feedback to Improve Rational Strategies of Antibiotic Initiation and Duration in Long Term Care (FIRST AID – LTC) | LHIN PCCF |
| | | REF INST |
| | | CCRS DAD NACRS |
| | | NRS |
| | | OMHRS SDS |
| | | CONTACT RPDB |
| | | |
| | | FIRST-AID LTC CPSO Numbers and Additional Physician Information |
| - 46 | FERTILITY CONSULTATION PATTERNS IN PATIENTS AND SURVIVORS OF CANCER IN ADOLESCENCE AND YOUNG ADULT LIFE | IPDB LHIN |
| | | PCCF |
| | | REF DAD |
| | | OHIP RPDB |
| | | ALR OCR |
| | | |
| | | CPSO physician number |
| 1 | | |

| # | Project Title | ICES Data |
|-----|---|---|
| Ð | Fibrate Use in Diabetic Retinopathy in Ontario | IPDB DIN PCCF REF DAD |
| | | NACRS ODB OHIP SDS CHF |
| | | HPPER ODD CENSUS CONTACT RPDB |
| | | OLIS |
| | Field implementation of the autoRiC device in STEMI (the FIRST study) - Costellectiveness | DIN REF AVGPRŒ CCRS DAD |
| | | HCD NACRS NRS ODB OHIP OMHRS |
| | | OMPHIS SIDS HYPER ODD CONTACT RPDB |
| | | ADP CAPE GAPP OHCAS |
| | | OCCI FIRST |
| -69 | Firearm injuries among children and youth in Ontario | PCCF INST AVGPRŒ ESTSOB CCRS |
| | | DAD HCD NACRS NRS ODB |
| | | OHIP OMHIRS SIGS CENSUS RPDB |
| | | ADP CAPE GAPP OCCI OHCAS |
| | | ORGD CIC ONMARG |
| -80 | First contact in ED as evidence of poor access to ambulatory mental health care in a universal health care system | getacg |
| -SI | FirstNations Aging Study | PCCF REF DAD NACRS ODB |
| | | OHIP RAIHC ASTHM A CHF COPD |
| | | HIV HYPER ODD OMD ORAD |
| | | RPDB OHCAS OTR OCR IRS |
| | Figure a mortality cates and a suppression adults displayed from Cata in Phases Controller Month Health Calance | CPRO HCD |
| | Five year mortality rates and causes among adults discharged from Ontario Shores Centrefor Mental Health Sciences | PCCF REF INST |
| | | CENSUS CENSUS CONTACT POP RPDB OMMARG ORGD |
| | | ONMARC ORED CIC OMPRS |
| -63 | Flex ble modeling of the effect of time-dependent glucocorticoid exposure on fracturerisk | DIN REF DAD NACRS ODB |
| | | ODB OHIP ASTHINA COPP OCCC |
| | | RPDB DN REF CCRS DAD NACRS |
| | | NACRS ODB OHIP ODD |
| -84 | Follow up paterns of pediatric mental health Emegency Department visits: a retrospective cohort study | IPDB LHIN PCCF INST |
| | | DAD NACRS COB CHIP COMPRIS |
| | | CENSUS RPDB CAPE ONIMRG CC |
| | | ORGD gelacg |

| # | Project Title | ICES Data |
|-----|--|-------------------------------|
| 46 | Forensic Mental Health Care: Health outcomes, Service Utilization and cost | IPDB |
| | | LHIN PCCF AVGPRICE |
| | | ESTSOB CCRS |
| | | CORR DAD |
| | | HCD NACRS NRS |
| | | ODB |
| | | OHIP OMHRS |
| | | ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | MOMBABY OCCC ODD |
| | | OMD |
| | | ORAD CENSUS BPDR |
| | | RPDB ADP CAPE |
| | | CAPE CIC OCR |
| | | ORGD %getacg |
| | | |
| -86 | Forensic Mental Health Care: Health outcomes following first forensichospitalization | IPDB |
| | | LHIN PCCF |
| 1 | | AVCORIGE |
| 1 | | ESTSOB CCRS CORR DAD |
| 1 | | HCD |
| 1 | | NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS ASTHMA |
| 1 | | CHF COPD |
| | | HIV HYPER |
| | | MOMBA BY OCCC |
| | | ODD OMD ORAD |
| | | CENSUS |
| | | RPDB ADP |
| | | CAPE CIC OCR |
| | | ORGD |
| | | % getacg |
| 47 | Frailty, Dementia and Health Outcomes in Community -Based Older Adults | CPDB |
| | 11 daily , Definented and Fledial Out Online in Continuing - Leased Onder Adults | IPDB |
| | | DIN PCCF AVGPRŒ |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RAIHC SDS |
| | | ASTHMA CHF |
| | | COPD HYPER |
| | | ODD OMID |
| | | ORAD CENSUS CONTACT |
| 1 | | CONTACT RPDB ADP |
| 1 | | CAPE |
| 1 | | GAPP OHCAS ONMARG |
| 1 | | occi |
| | | |
| 48 | Frequency and trends of acquired brain injury (includingconcussion) occurrence across LHNs (Update 2016) | IPDB LHIN |
| 1 | | PCCF REF AVGPRICE |
| 1 | | AVGPRŒ STDPRIC E CCRS |
| 1 | | DAD |
| 1 | | HCD NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS |
| 1 | | RPDB OCR |
| 1 | | |
| 49 | Frequency of ANA testing in Ontario - Are we choosing wisely? | EMRALD |
| 1 | | |
| 500 | Frequency of follow-up services before and after eliminating a financial incentive for chronic disease management by internal medicine specialists | CPDB IPDB |
| 1 | | IPDB LHIN PCCF |
| 1 | | PCLF REF INST |
| 1 | | REF INST OHIP CENSUS |
| 1 | | CENSUS POP RPDB |
| 1 | | |
| 1 | | |

| # | Project Title | ICES Data |
|-----|---|---|
| 501 | Frequency of psychiatricoutpatient follow-up and and total health care system costs in Ontario | LHIN PCCF REF |
| | | INST |
| | | DAD NACRS |
| | | OHIP SDS |
| | | ASTHMA MOMBABY CENSUS |
| | | CENSUS CONTACT POP |
| | | RPDB ONMARG |
| | | CCHS |
| L | | |
| 512 | From Patient to Policy: Using data to drive TB elimination in Canada's foreign born population | IPDB LHIN |
| | | INST DAD |
| | | NACRS OHIP SDS |
| | | OCCC RPDB |
| | | RPUB ERCLAIM CENSUSOA |
| | | ONMARG |
| | | CIC CENSUS CONTACT |
| | | ONMARG ALR |
| | | CIC NDFP |
| | | OCR ORGD |
| | | %getacg |
| | | Positive TB cases from PHO Lab Data years 2014-2016 TB data from iPHIS years 1998-2016 |
| | | TB data from iPHIS years 1998-2016 |
| | | Dataset 1: Country_BCG_Policy |
| | | Dataset 2 WHO CIC Crosswalk |
| | | WHO_TB_Burden_countries |
| 533 | Funding Equity for Persons with Mental Illness under Primary Care Reform in Ontario | CPDB |
| | | IPDB LHIN |
| | | PCCF AVGPRŒ |
| | | STDPRIC E CCRS |
| | | DAD NACRS |
| | | NRS ODB OHIP |
| | | OMHRS SDS |
| | | ASTHMA COPD |
| | | HYPER ODD |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | CAPE GAPP |
| | | ONMARG |
| 534 | Fungal Infection in Solid Organ Transplantand Hematopoletic Stem Cell TransplantRecipients in Ontario | IPDB |
| 304 | Tungariniesson in Colis. Organ manspiantario nemaspoiess Geni Celi manspiant Celipienis il Cinario | DIN LHIN |
| | | PCCF REF |
| | | INST CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS HYPER |
| | | ODD CONTACT |
| | | RPDB ORRS |
| | | |
| 515 | GANs for Natural Language | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST CCRS |
| | | DAD HCD |
| | | HOBIC NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHM |
| | | A CHF COPD |
| | | HIV HYPER |
| | | MOMBA BY OCCC |
| | | ODD OMD ORAD |
| | | ORAD CENSUS CONTACT |
| | | CONTACT POP RPIB |
| | | HCES ADP |
| | | CAPE CENSUSCA |
| | | EMRALD CCHS |
| | | OCR PCPOP |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|--|
| 536 | Gastric Adenocarcinoma: Study of Trends in Ontario (GASTRO) | PCCF REF DAD |
| | | NACPS |
| | | OHIP MOMBABY CENSUS |
| | | RPDB BORN |
| | | Surveillance, Epidemiology and End Results (SEER) registry |
| 507 | Gastric Cancer risk and screeningamong immigrants | PCCF DAD |
| | | OHIP CENSUS |
| | | RPDR |
| | | CIC OBSP OCR |
| | | |
| 518 | Gender discrepancies in asthma diagnosis management morbidity and mortality outcomes | IPDB |
| | | DIN DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHM |
| | | A CHF COPD HYPER |
| | | OCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | CONTACT POP RPDB |
| | | ONMARG |
| | | CCHS CCR |
| | | ORGD |
| | Gender disparities in early childhood health and health care by maternal country of origin | CPDB |
| 3.5 | Gender dispartiles in early childhood health and health care by mailernal country orongin | DAD NACRS |
| | | MACKS OHIP MOMBA BY |
| | | CENSUS RPDB |
| | | CIC OCR |
| | | CHC |
| 510 | Geographic disparities in the survival of head and neck cancer patients | LHIN |
| | | PCCF DAD |
| | | NACRS OHIP |
| | | OMHRS SDS |
| | | ASTHMA CHF |
| | | HIV HYPER |
| | | ODD CENSUS |
| | | RPDB ONMARG |
| | | ORGD Correctional |
| | | Service Canada |
| | | Data ODB CAPE |
| | | ALR CCRS |
| | | HCD RAICA |
| | | RAIHC |
| 511 | Geographic distribution of unattached patients in Ontario | LHIN |
| | | PCCF CONTACT |
| | | CONTACT RPDB PCPOP |
| | | |
| 512 | Geographic variation in the treatment of pancreas cancer in Ontario | LHIN PCCF |
| | | INST CCRS |
| | | DAD HCD |
| | | NACRS ODB |
| | | OHP SDS |
| | | CENSUS RPDB |
| | | ALR |
| | | CIC NDFP OCR |
| | | ESAS |
| | | |
| 513 | Geriatric-Focused Care in Ontario: What Billing Codes Tell us about Physician Practice Patterns | CPDB IPDB DIN |
| | | LHIN |
| | | PCCF REF |
| | | HCD OHIP |
| | | RPDB CAPE |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|--|
| 514 | Glioblastoma treatment, resource utilization and outcomes in Ontario | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | OHP SDS |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | HCDMOH OHCAS |
| | | ONMARG ORGD |
| | | HYPER ODD |
| | | |
| 515 | Glucocorticoid administration and diabetes in adults with hematological malignancies: A population -level retrospective cohort study | DAD NACRS |
| | | ODB OHIP |
| | | ODD RPDB ONMARG |
| | | ALR OCR |
| | | getacg CPDB IPDB |
| | | IPDB DIN |
| | | LHIN PCCF REF |
| | | INST |
| | | SDS CENSUS |
| | | CONTACT POP |
| | | ous |
| 516 | Glycemic control in Ontario patients with diabetes | IPDB |
| | | PCCF DAD |
| | | NACRS ODB OHIP |
| | | Onlie SDS HYPER |
| | | ODD |
| | | RPDB CIC ETHNIC |
| | | OLIS PCPOP |
| | | ADP |
| 517 | Gonorrhea Testof Cure Compliance in Ottawa | OHIP RPDB |
| | | |
| | Hamilton Innovation and Address than the ANDO | Ottawa Public Health Gonomea Case List |
| 518 | Hamilton low acuity emergency department use study AHRQ | CPDB IPDB PCF |
| | | PCCF NACRS OHIP |
| | | CONTACT RPDB |
| | | CAPE ESTSOB PCPOP |
| | | PCPOP |
| 519 | Harnessing population-based data on HIV pre-exposure prophylaxisuse to improve community-based outreach to at-risk youth in Ontario | IPDB |
| | | DAD NACRS |
| | | ODB OHIP |
| | | ASTHMA ODD CENSUS |
| | | CONTACT |
| | | RPDB ONMARG CIC |
| | | CPDB OMHRS |
| | | OUS |
| 520 | Health and health care of Francophonesin Ontario: does language matter? | PCCF INST |
| | • | DAD |
| | | NACRS SDS |
| | | RPDB OCCC ORAD |
| | | ORAD ONMARG ORGD |
| | | DEMENTIA |
| 51 | Health Care Expenditures of Psychosis (HCEP) in Ontario: An Analysis overTime | IPDB |
| | - The state of the | IP DB DIN LHIN |
| | | PCCF REF |
| | | INST AVGPRICE ESTSOB |
| | | CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHIMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | ODD |
| | | ORAD CENSUS CONTACT |
| | | CONTACT POP RPDB |
| | | CAPE OLIS |
| | | ETHNIC CORR |
| | | % getacg |
| 1 | | |

| # | Project Title | ICES Data |
|-----|---|--|
| 522 | Health Care ResourceUtilization in Interstitial Lung Disease | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF |
| | | REF INST |
| | | CORR DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP SDS |
| | | ASTHM A COPD |
| | | A COPD ODD RPDB |
| | | Interstitial Lung Disease Database |
| 53 | Health care utilization among homeless adults: patterns and predictors of high cost users of the health care system | DIN |
| _ | | LHIN |
| | | PCCF REF AVGPRICE |
| | | ESTSOB CCRS |
| | | CORR CPRO |
| | | DAD |
| | | HCD HOBIC |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAICA RAIHC |
| | | SDS |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | OCCI |
| | | OHCAS CENSUS |
| | | CONTACT POP ONMARG |
| | | ORGD |
| | | OCR Health and Housing in Transition At Home Chez |
| 54 | Health care utilization and costfor Casey House patients compared to others living with HIV | CPDB |
| | | IPDB AVGPRŒ CCRS |
| | | DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HYPER ODD |
| | | CONTACT RPDB |
| | | ADP CAPE |
| | | GAPP OHCAS |
| | | OCCI |
| | | ORGD DIN HIV |
| | | |
| 55 | Health care utilization and costs associated with azaditidine therapy for higher-riskmy elodysplastic syndromes | Cancer Care Ontario registry of patients with myelodysplastic syndromes treated with |
| | | azacitidine |
| 526 | Health care utilization in adolescents and young adults before first diagnosis of psychotic disorder | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST |
| | | DAD HCD |
| | | HOBIC NACRS |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | OMFRS RAICA RAIHC |
| | | SDS |
| | | ASTHM A CHF |
| | | COPD HIV HYPER |
| | | HYPER MOMBABY OCCC |
| | | OCCC ODD OMD |
| | | ORAD |
| | | CENSUS CONTACT |
| | | POP RPDB HCES |
| | | HCES ADP |
| | | ADP CAPE CENSUSCA |
| | | CENTSULA CCHS |
| | | OCR PCPOP |
| | | |
| | | |

| # | Project Title | ICES Data |
|-------|--|--|
| | Health care utilization patterns of Clinical Teaching Unit Patients | CPDB |
| | | IPDB DIN |
| | | PCCF REF |
| | | INST AVGPRŒ |
| | | ESTSOB CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS |
| | | SDS ASTHMA CHF |
| | | COPD |
| | | HYPER ODD OMID |
| | | ORAD |
| | | CONTACT RPDB CAPE |
| | | GAPP |
| | | OCCI OHCAS |
| | | ONMARG NMS ASTHIMA |
| | | CHF |
| | | COPD HYPER |
| | | ODD OMD |
| 1 | | CHC ONMARG |
| 1 | | CTU visits |
| 58 | Health disparities among children and youth with mental health and complex care needs in ChamplainLHIN - OHT support | IPDB |
| | | LHIN PCCF |
| | | REF INST |
| | | DAD HCD |
| 1 | | NACRS ODB |
| | | OHIP OMHRS |
| 1 | | ASTHMA ODD |
| | | CENSUS |
| | | CONTACT POP |
| | | RPDB ADP |
| | | ONMARG OCR CIC |
| | | CIC |
| 59 | Health inequity reporting initiative: an update of the Ontario Marginalization Index | PCCF |
| | , , , , , , , , , , , , , , , , , , , | CENSUS POP |
| | | RPDB |
| | | CIC ETHNIC |
| SIN . | Health Measures and Prevention Indicators by Ottawa Neighborhood | IPDB |
| | Tiedisi Medasures and Trevenson sidicators by Ossawa Neighborhood | HIN PCCF |
| | | DAD NACRS |
| | | OHIP |
| | | OMHRS SDS |
| | | ASTHMA CHF COPD |
| | | HYPER |
| | | ODD OMD |
| | | CENSUS CONTACT |
| | | RPDB |
| | | CAPE OBSP OCP |
| 1 | | OCR ORGD |
| 1 | | Ottawa_Neighbourhood_stu.dy_weig.ht_file_clea.n & ONS Neighbourhood Name & ID with |
| 1 | | pop |
| 1 | | Champlain sub-sub region census denominators |
| 20 | Health outcomes in children ormothers who received influenza vaccination during pregnancy | Ottawa neighbourhood census denominators PCCF DAD |
| 1 | | NACPS |
| | | OHIP RPDB |
| | | BORN |
| | | |
| 502 | Health Outcomes in the Pre-Eclampsia New Emerging Team (PE-NET) Cohort8-14Years after Index Pregnancy | IPDB PCCF |
| 1 | | REF |
| | | DAD NACRS OHIP |
| | | SDS |
| | | CHF HYPER |
| 1 | | MOMBA BY ODD |
| 1 | | OMID CONTACT |
| 1 | | RPDB ONMARG |
| | | ORGD Pre-Eclampsia New Emerging Team (PE-NET) Cohort |
| 50 | Health outcomes of a cardiovascular rehabilitation and secondary prevention services program (CRSP) in the Central East LHIN | DAD |
| 310 | Tradian observation of a calculov accuse i rendomination and Securidary prevention Services program (CRSY) in the Central East Emily | DAD NACRS OHIP |
| | | SDS |
| | | CHF RPDB |
| | | RV-CVIS |
| | | |
| 534 | Health Quality Ontario (HQO) Hospital based performance reporting | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-------|---|---|
| 535 | Health Quality Ontario (HQO) Implementation Laboratory - Optimizing Audit and Feedback by Testing Approaches for Designing Practice Reports | PDB DN NST CORS DAD NACRS NRS |
| | | OOB OHIP OMHRS RAICA RAIHC RAIHC RPDB LIIN PCCF AVGRIES SYRRICE SYRRICE CENSUS PCP ADP ADP CAPE |
| 536 | Health Quality Ontario (HQO): Anxiety Disorder Quality Standard | PCCF INST |
| | | DAD HCD NACRS CHIP OMHRS SDS CENSUS POP RPDB CCHS |
| ia ia | Health Quality Ontario (HOO): Chronic Pain Quality Standard | DN LIN PCCF AVORRE STDPRIC E CCRS HCD HCD NACRS COB CRIP RAHC STS CENSIS COR RAHC CENSIS COR CENSIS COR CENSIS COR CENSIS COR |
| 588 | Health Quality Ontario (HQO): Heart Fallure Care in the Community Quality Standard | DRI LINN PCCF AVGPRE STDPRIC E CCRS DAD MACRS OCHE SDS DB CHF RPDB PHYSNET CENSUS POP HCD RAIHC |
| 59 | Health Quality Ontario (HQO): Low Back Pain (LBP) Quality Standards | DN LHM PCCF DAD NACRS COB OHIP SDS RPDB PHYSNET |
| | Health Quality Ontario (HQO): Access to Specialists in Ontario | CPDB PDB DN PCF REF NOT NACD NACRS COB CHIP COMHRS SDS CENSUS CONTACT RPDB |
| | Health Quality Ontario (HQO): Asthma Quality Standard | OPDB PDB DN LIN PCCF INST CCRS DAD HAD HAD HAD HAD HAD HAD HAD HAD HAD |
| 512 | Health Quality Ontario (HQO):COPD Quality Standard | PHYSNET |

| # | Project Title | ICES Data |
|----|---|---|
| 50 | Health Quality Ontario (HOO):COPD Quality Standard | LIIN PCCF CCRS DAD HCD NAGS NAGS OB OB OHIP RAICA RAIHC SDS COPD RPDB APD PHYSNET |
| 54 | Health Quality Ontario (HOO): Diabetes Quality Standard | CPDB IPDB IPDB DN LIN LIN LIN LIN LIN LIN LIN LIN LIN LI |
| 56 | Health Quality Ontario (HQO): Early Pregnancy Complications and Loss Quality Standard | CPDB IPDB IPDB IN U-IN PCCF DAD NACRS OCHIP OMHRS SIS MOMBABY CENSUS POP RPDB OMMARG POPCAN |
| 56 | Health Quality Ontario (HQO): General surgeonrepods | CPDB PPDB DN LHIN PCCF REF NST NOT NACRS OGB OHIP OMHRS SDS CONTACT PDP RPDB NMS |
| | Health Quality Ontario (HQO): Glaucoma Quality Standard | CPDB IPDB IPDB DN U-IN PCCF DAA NACRS OOB COB COMPRS SDS CENSIS PCP RPDB OMMARG POPCAN |
| | Health Quality Ontario (HOO):Hospital based performance reporting | REF INST DAD MORE OFF OFF DAT MORE OFF DAT |
| 56 | Heath Quality Ontario (HQO):Hypertension Quality Standard | CPDB PDB DN UN UN PDB DN UN PNF PST CCRS DAD HCRS NOB OGB OHIP OMHRS SDS HYPER CENSS DFP PGP RPDB ONMARG POPCAN |

| # | Project Title | ICES Data |
|-----|--|-----------------------------------|
| 50 | Health Quality Ontario (HQO): Opioid prescribers report | CPDB IPDB DIN |
| | | PCCF CCRS |
| | | DAD HCD NACRS |
| | | ODB OHIP |
| | | OMHRS RAIHC RPDB |
| | | NMS |
| | | |
| 551 | Health Quality Ontario (HQO): Orthopaedic surgeon reports | CPDB IPDB DIN |
| | | LHIN PCCF REF |
| | | INST DAD |
| | | NACRS ODB OHIP |
| | | OMHRS SDS |
| | | CONTACT POP RPDB |
| | | NMS MyPractice |
| | | Othopsedic surgeon consenting |
| | | physician list |
| | | (at ICES) |
| | Haalii Ausiis Astais (HAA) Ausiis Sandards Braze | CODO |
| 502 | Health Quality Ontario (HQO): Quality Standards Program | CPDB IPDB DIN |
| | | DIN LHIN PCCF |
| | | INST CCRS DAD |
| | | HCD NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHM |
| | | AS IRM A CHF COPD HYPER |
| | | ODD |
| | | CERSAS POP ROTE |
| | | OLIS ONMARG POPCAN NMS |
| | | NMS |
| 53 | Health Quality Ontario (HQO):Transitions in Care Quality Standard | CPDB |
| | Treat daily State (149). I distribute adding called to | IPDB DIN LHIN |
| | | PCCF INST |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OM/IRS |
| | | SDS ASTHM |
| | | A CHF COPD HYPER |
| | | MOMBABY ODD |
| | | CENSUS POP RPDB |
| | | OUS ONMARG POPCAN |
| | | · |
| 54 | Health Quality Ontario (HQO): Yearly Report | IPDB CCRS |
| | | CPRO DAD |
| | | HCD NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS SDS |
| | | MOMBABY ODD POP PDPR |
| | | RPDB CCHS NMS |
| | | CIC AVGPRICE |
| | | ESTSOB ORGD |
| 55 | Health Service Needs and Usefor NELHIN Residents | IPDB PCCF |
| | | PCCF REF AVGPRICE ESTSOB |
| | | CCRS |
| | | DAD HCD NACRS NIDE |
| | | NRS ODB OHIP |
| | | OMHRS SDS |
| | | CONTACT RPDB ADP |
| | | GAPP OCCI |
| | | |
| 556 | Health Service Outcomes of Self Harming Children and Youth Presenting to Emergency Departments | ORGD |
| | | |

| # | Project Title | ICES Data |
|----------|---|--|
| 57 | Health Service Use and Costs of People Using Assistive Devices | IPDB PCCF |
| 1 | | PCCF AVGPRICE CCRS |
| | | DAD HCD |
| 1 | | HCD NACRS NRS |
| | | ODB |
| 1 | | OHIP OMHRS SDS |
| 1 | | ASTHMA CHF |
| 1 | | COPD HYPER |
| | | ODD |
| | | OMID RPDB ADP |
| | | ONMARG OCR |
| 1 | | |
| 53 | Health service utilization among people who hadundersone ostomy related surgeties | CPDR |
| 306 | Health service utilization among people who hadundergone ostomy related surgeries | CPDB IPDB LHIN |
| | | PCCF REF |
| | | INST |
| 1 | | DAD HCD NRS |
| 1 | | OHIP SDS |
| | | CONTACT POP |
| 1 | | RPDB CAPE |
| | | |
| <u> </u> | Hardin and a self-reference and the self-reference for " "" | |
| 59 | Health service utilization among social housing residents in Ontario: a feasibility analysisfor a community programming trial | LHIN PCCF REF |
| 1 | | INST |
| | | DAD NACRS CHUR |
| | | OHIP SDS |
| | | CHF COPD |
| 1 | | HYPER ODD CENSUS |
| | | CENSUS CONTACT POP |
| | | POP ROMMARG |
| 1 | | DIN |
| | | ODB |
| 50 | Health Services Use and Multimorbidity - Self-reportvs Admin Data | CENSUS CONTACT |
| 1 | , , | OCC |
| 1 | | RAICA RAIHC |
| <u></u> | | |
| 551 | Health status and behaviours of residents of the Simcoe Muskoka District Health Unit | IPDB DIN |
| 1 | | PCCF |
| | | DAD NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS |
| | | SDS ASTHM A CHF |
| 1 | | A CHF COPD HYPER |
| | | ODD RPDB |
| 1 | | ORSP |
| 1 | | OCR ESTSO B |
| I | | CENSUS |
| 1 | | POP CAPE NMS |
| 1 | | PCPOP |
| 50 | Health status profile in Northwestern Health Unit | 2016CensusRef 20 SM Custom Geo a NoExclusio ns IPDB LHIN |
| " | | LHIN DAD HCD |
| | | NACRS |
| 1 | | NRS ODB |
| I | | OHIP OMHRS |
| 1 | | SDS ASTHMA |
| 1 | | CHF COPD |
| | | HYPER MOMBABY |
| 1 | | ODD OMD |
| 1 | | RPDB PCCF |
| | | REF |
| | Health system evaluation of the gap in treatment for the delivery of opioid agonist treatments in Ontario | Band Classification Manual |
| 383 | การและ ราชนากราชนอนเขา เกราะ yap แก่ ยอสมายากเกก ยาย นอพายาร บางคุณณ ayunb เรียนิสายาก สา Unidi ม | DIN LHIN |
| | | PCCF AVGPRICE ESTSOB |
| 1 | | CCRS |
| I | | DAD HCD |
| I | | NACRS NRS |
| 1 | | ODB OHIP |
| I | | OMHRS SDS |
| I | | CENSUS CONTACT |
| 1 | | POP RPDB ADP |
| I | | CAPE |
| 1 | | GAPP OCCI |
| 1 | | OHCAS NMS |
| | | PCPOP CHC ONMARG |
| 1 | | |
| Ь | | PROUD cohort |

| # | Project Title | ICES Data |
|----------|--|--|
| # 54 | Project Title Health utilization and economics of melanoma care in Ontario | ICES Data |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | OMPIRS RAICA RAIHC |
| | | SDS CENSUS |
| | | CONTACT POP |
| | | RPDB |
| | | ADP CAPE |
| | | GAPP MIS |
| | | OCCI OHCAS ALR |
| | | ALK NDFP OCR |
| | | ESAS |
| | | Melanoma Platform |
| | | |
| 55 | Healthcare pathways for patients with end-stage kidney disease | IPDB LHIN |
| | | PICF DAD |
| | | NACRS |
| | | ODB OHIP SDS |
| | | ASTHMA |
| | | CHF COPD |
| | | HYPER ODD |
| | | CENSUS RPDB CAPE |
| | | POPCAN |
| | | EMRALD PCPOP |
| | | |
| | Healthcare serviceutilization and barriers to careamong Parkinson Disease patients in Ontario | CPDB |
| 3.00 | neamicale Serviceumzanni and barrieis ib careambrig Farkinson Disease panents in Omario | IPDB |
| | | LHIN PCCF INST |
| | | DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | SDS CENSUS POP |
| | | RPDB ONMARG |
| | | |
| | Health and all health and a set of subsected development about the hidden disease in Outside | CODE |
| 30/ | Healthcare utilization and cost of autosomal dominant polycystic kidney disease in Ontario | CPDB AVGPRŒ CCRS |
| | | HCD NRS |
| | | OMHRS |
| | | ADP CAPE |
| | | GAPP OHCAS |
| | | occi |
| | | |
| 58 | Healthcare utilization and cost of autosomal dominant polycystic kidney disease in Ontario based on mutation type | CPDB IPDB |
| | | DIN REF |
| | | CCRS |
| | | CORR DAD HCD |
| | | NACRS |
| | | NRS ODB OHIP |
| | | OMHRS |
| | | SDS CONTACT RPDB |
| | | ADP |
| 1 | | CAPE GDML |
| | | OLIS ADPKD registry |
| 40 | Health care Utilization and Costs After an Acute Care Hospitalization for Nursing Home Residents | CCRS |
| | | CPRO DAD |
| | | NACRS ODB |
| | | OHIP HCD |
| | | NRS OMHRS |
| | | ADP |
| <u> </u> | Healthears utilization and coats accordated with aurror and father than the state of the state o | DEF |
| 510 | Healthcare utilization and costs associated with current and future treatment strategies for childhood acute lymphoblastic le ukemia | REF DAD RPDB |
| | | |
| | | Cost and Utilization in Acute Lymphoblastic Leukemia |
| 51 | Healthcare utilization for mental health concerns amongsurvivors of testicular cancer: a population - based study | IPDB |
| | • | DIN LHIN |
| 1 | | PCCF REF |
| | | INST |
| | | DAD NACRS ODB |
| | | OHIP |
| | | OMHRS SDS |
| | | CONTACT RPDB |
| | | ALR OCR |
| | | ESAS testes_full |
| | | testis_chemo |
| | | |
| | • | |

| # | Project Title | ICES Data |
|-----|--|---|
| | Healthy mothers, healthy families: Evaluating integrated treatment for pregnant and parenting women with addictions | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS MOMBABY RPDB |
| | | data_bom |
| | | Drug and Alcohol Treatment Information System (DATIS) |
| 573 | Heart Failure Definition Comparison | CPDB IPDB DIN |
| | | PCCF |
| | | AVGPRIŒ ESTSOB |
| | | DAD NACRS |
| | | ODB CHIP CENSUS |
| | | RPDB CAPE |
| | | OCCI OCR DDARD |
| | | DDARD NMS |
| | | |
| 54 | Heartfailure in primary care practice across Ontario | IPDB DIN |
| | | DIN LHIN PCCF |
| | | REF AVGPRICE |
| | | CORR DAD |
| | | NACRS ODB |
| | | OHIP SDS SSTHMA |
| | | ASTHMA CHF COPD |
| | | HYPER |
| | | ODD CENSUS POP |
| | | RPDB OLIS ETHNIC |
| | | ORGD |
| | | CPDB CAPE |
| | | |
| 55 | Heart Outcomes in Patients who are Elderly and on SGLT2 (HOPES) | DAD NACIPS OHIP |
| | | |
| 56 | Heatwarning information systems: do they protect Canadans from the effects of extreme heat? | PCCE |
| | Trout warming missing specifically proportion and only of the control of the cont | PCCF DAD NACES |
| | | ODB OHIP |
| | | SDS CHF |
| | | COPD ODD POP |
| | | RPDB ONMARG |
| | | ORGD GEMSURF |
| | | o |
| 577 | Help Seeking Behaviours, Access to Care and Suicideamong Ruial and Urban Populations in Ontario, Canada | PCCF |
| | | REF CCRS DAD |
| | | HCD NACRS |
| | | NRS |
| | | OHIP CENSUS RPDB OSR |
| | | OSR |
| | | |
| 58 | Helping the Missing Million in the Diagnosis and Treatment of COPD | DIN DAD NACRS |
| | | ODB OHIP |
| | | SDS |
| | | COPD RPDB |
| | | |
| 59 | HEmatologic MAlignancy Long Term Outcomes Following ICU (HEAL-ICU) | PCCF REF |
| | | INST AVGPRICE |
| | | CCRS DAD HCD |
| | | HCD NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | CHF COPD |
| | | RPDB ADP |
| | | CAPE OCCI OHCAS |
| | | OHCAS ESAS NDFP |
| | | NDFP OLIS ALR |
| | | OCR |
| 50 | Hemoglobin A1C as a Risk Factor for Acute Kidney Injury (AKI) | IPDB |
| | , , , , , , , , , , , , , , , , , , , | DIN PCCF REF |
| | | CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS CONTACT |
| | | RPDB OUS |
| | | |
| _ | | |

| # | Project Title | ICES Data |
|-----|---|--------------------------|
| 91 | High Cost Users of Health Care Services: Extending of Previous Findings | IPDB |
| | | LHIN PCCF |
| | | AVGPRŒ CCRS DAD |
| | | HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHMA CHF |
| | | COPD HIV |
| | | HYPER OCC |
| | | ODD OMID |
| | | ORAD CENSUS |
| | | RPDB ADP CAPE |
| | | GAPP |
| | | OHCAS OCCI |
| | | ALR NDFP |
| | | OCR NMS |
| | | |
| 502 | High Cost Users of Ontario Healthcare - Machine Learning analysis | DIN |
| | | LHIN PCCF |
| | | REF CORS CORR |
| | | DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RAIHC SDS |
| | | ASTHM A CHF |
| | | A CHF COPD HIV |
| | | HYPER MOMBABY OCCC |
| | | ODD |
| | | OMID ORAD |
| | | CONTACT |
| | | RPDB ADP GAPP |
| | | GAPP ONMARG NDFP |
| | | OCR |
| | High days could be of the Outel Dukin Days Decomy (ODD) | |
| 383 | High drug-cost beneficiaries of the Ontario Public Drug Program (OPDP) | IPDB DIN |
| | | LHIN PCCF |
| | | REF AVGPRŒ CCRS |
| | | DAD HCD |
| | | NACRS |
| | | NRS ODB |
| | | OMHRS |
| | | SDS ASTHMA CHF |
| | | COPD |
| | | HIV HYPER |
| | | ODD OMID |
| | | ORAD RPDB ADP |
| | | ADP CAPE GAPP |
| | | OHCAS |
| | | OCCI CFDR |
| | | OCR ESTSOB |
| | | OCC PIBD |
| QJ | High Energy Pelvic Fracture Management Trends in Ontario: An ICES Study | IPDB |
| | ggg | LHIN PCCF REF |
| | | INST |
| | | DAD NACRS |
| | | OHIP SDS |
| | | CENSUS CONTACT |
| | | RPDB CTR ORGD |
| | | ORGD |
| | | |

| # | Project Title | ICES Data |
|-----|--|--|
| 55 | High Resource Users in ICU: Population Based Study | LHIN PCCF REF |
| | | AVGPRŒ |
| | | ESTSOB CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS RAIHC |
| | | SDS ASTHMA |
| | | CHF COPD HYPER |
| | | ODD OMD |
| | | CENSUS CONTACT |
| | | RPDB ADP CAPE |
| | | CENSUSOA GAPP |
| | | OCCI OHCAS CCHS |
| | | CCHS ORGD OCCC |
| | | ORAD |
| 56 | High Risk Clinical Features for Stroke in Patients Presenting with Ongoing Dizziness | PCCF |
| | | REF DAD |
| | | NACES OHIP SDS |
| | | RPDB OCR |
| | | Project_Data_Ohle |
| 97 | High Risk Clinical Features for Stroke Patients Presenting with OngoingDizziness | ASTHMA CHF |
| | | COPD |
| | | HYPER ODD |
| | | |
| 58 | High Risk Prolonged Mechnically Ventilated Patients: Outcomes and Costs | LHIN PCCF INST |
| | | INST AVGPRICE ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS RAIHC |
| | | SDS ASTHIMA |
| | | CHF COPD HYPER |
| | | ODD |
| | | OMID RPDB |
| | | The Ottawa Hospital ProVent14 Performance Measures |
| 359 | High versus low dose opoid prescribing intensity and risk for long-term opioid use followings urgary | ProVent14 Performance Measures IPDB DIN |
| | | DIN PCCF REF |
| | | CORR DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | ASTHM A CHF COPD |
| | | HIV HYPER |
| | | ODD OMID |
| | | ORAD CENSIS |
| | | RPDB CPDB CCRS |
| | | HCD NRS ODB |
| | | RAICA |
| | | RAIHC |
| 590 | High-sensitivity cardiactroponin testing and population health outcomes | CPDB |
| | | DIN LHIN |
| | | PCCF |
| | | REF |
| | | CCRS DAD |
| | | CCRS DAD HCD NACRS |
| I | | CCRS DAD HCD NACRS NACRS NACRS OOB |
| | | CCRS DAO HCD NACRS NACRS NAS OCH OH OH OH OH RS SS SS |
| | | CCRS DAO HCD NACRS NACRS ONB COB COB COB CAB ASTHM A CHF |
| | | CCRS DAO HCD NACRS NACRS NRS OOB OHIP OHIP OF CFP CFP CFP CFP CFP CFP CFP CFP CFP CF |
| | | CCRS DAD HCD MACRS MAS MS OHIP OMH RS SSS ASTHM A CHF COPD HYPER CCCC |
| | | CCRS DAD HCD NACPS |
| | | CCRS DAO HCD NACRS NAS CO |
| | | CCRS DAO HCD NACRS NRS ONB OHP |
| | | CCRS DAD HCD HCD HCD HCD HCRS HCRS HCRS HCRS HCRS HCRS HCRS HCRS |
| | | CCRS DAD HCD NACRS NAS OCI BCB BCB BCB ASTHM A CHF COPD HYPER OCOC OCO DD ORAD CENSIS CONTACT POP RPDB COMPE RPDB COMPE |
| | | CCRS DAD HCD HCD HCD HCRS HCRS HCRS HCRS HCRS HCRS HCRS HCRS |
| | | CCRS DAD HCD NACRS NACRS NACRS ORB ORB ORB ORB ORB ORB ASTHM A CHEP HYPER OCCC COD ORA CCCC COD ORA CCENSUS CCNISCS CONTACT FROB CAPE CAPE CAPE CAPE CAPE CAPE CAPE CAPE |
| | | CCRS DAD HCD HCD HCD HCRS HCRS HCRS HCRS HCRS HCRS HCRS HCRS |
| | | CCRS DAD HCD NACRS |

| # | Project Title | ICES Data |
|-----|--|--------------------------|
| 51 | Hip and Knee Bundled Care Evaluation | IPDB LHIN |
| | | PCCF AVGPRŒ |
| | | ESTSOB CCRS |
| | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS SDS |
| | | CONTACT |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | CCCI OHCAS ASTHMA |
| | | CHF COPD |
| | | HYPER OCCC |
| | | ODD OMD ORAD |
| | | DEMENTIA |
| . m | HIV in Ontario First Nations | neer |
| 382 | TIV III OIIIdii IV Pii Straduulis | PCCF DAD NACRS |
| | | OHIP SDS |
| | | ASTHMA CHF |
| | | COPD HIV HYPER |
| | | MOMBABY ODD |
| | | RPDB IRS |
| | | |
| 583 | HIV prevalence, access to care and treatment in people in provincial correctional facilities in Ontario | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS HIV RPDB |
| | | NPUB ONMARG MCSCS |
| | | CHC PCCF |
| | | INST ASTHMA |
| | | CHF COPD HYPER |
| | | HYPER ODD |
| | | |
| 54 | Home care clients within primary carepradices, and the association between primary care pradice visits and same day emergency department use | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | REF CCRS |
| | | DAD HCD |
| | | HOBIC NACRS NRS |
| | | ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC |
| | | SDS CENSUS CONTACT |
| | | CONTACT RPDB CAPE |
| | | ONMARG |
| | | |
| 30 | Home care use for spinal cord injury (SCI) | DAD HCD NRS |
| | | RPDB |
| | | 1100 |
| 56 | Hospital Admissions of Children/Youth Who Live with Ventilatory Support | LHIN DAD HCD |
| | | NACRS OHIP |
| | | SDS RPDB |
| | | ADP |
| | | |
| 597 | Hospital Productivity and Patient Mortality: A Study of Ontario's Health Services Restructuring | INST CCRS DAD |
| | | DAD NRS ODB |
| | | OHIP RPDB |
| | | flushot |
| | | |
| 58 | Hospital use by people with a mental health condition (IDEAS) | PCCF DAD NACRS |
| | | OMHRS |
| | | RPDB CAPE ONMARG |
| | | ASTHMA CHF |
| | | COPD ODD |
| | | OMD |
| | | |
| 59 | How health factors predictiongevity in older women and men; a cohorts tudy following low-cost health system users | IPDB DAD |
| | | DAD NACRS OHIP |
| | | OHIP ASTHMA CHF |
| | | COPD HYPER |
| | | ODD RPDB |
| | | EMRALD CIC |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|-------------------------|
| 600 | H-SOAP. Effectiveness of immediate versus delayed access to hospital-based addiction services for opioid and alcohol addicted patients | OMHRS SDS |
| | | RPDB |
| 601 | HSPRN Health Links Evaluation | CPDB |
| | | IPDB DIN |
| | | PCCF AVGPRŒ |
| | | ESTSOB CCRS |
| | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RAIHC SDS ASTHMA |
| | | CHF COPD |
| | | HYPER OCCC |
| | | ODD OMD ORAD |
| | | CENSUS |
| | | CONTACT RPDB ADP |
| | | CAPE GAPP |
| | | OCCI OHCAS |
| | | ONMARG |
| 602 | HSPRN population health characteristics and high-cost users | PCCF REF |
| | | CCRS DAD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | CENSUS RPDB |
| | | |
| 603 | Hydrochlorothlazide use andthe risk of skin cancer | CPDB IPDB |
| | | DIN PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP OM/IRS |
| | | SDS |
| | | CHF COPD |
| | | COPD HIV HYPER |
| | | ODD CENSUS RPDR |
| | | RPDB ORGD OCR |
| | | |
| 604 | Hydrochlorothiazida vs Chlorthalidone | IPDB DIN |
| | | PCCF REF |
| | | CORR DAD NACES |
| | | ODB |
| | | OHIP SDS CONTACT |
| | | RPDB OUS |
| | | |
| 605 | Hyperkalemia in patients with normal or reduced eGFR, Part 1 | PCCF REF |
| | | CORR DAD NACRS |
| | | ODB OHIP |
| | | CONTACT RPDB OLIS |
| | | ous |
| | Hunastranhia Cardismunadhu ralated auddan erraliandadh in usunannara | PPDR |
| 605 | Hypertrophic Cardiomyopathy related sudden cardiacdeath in young persons in Ontario | RPDB ORGD ICD |
| | | |
| 607 | Hyponatremic Overcorrection in Ontario Hospitals | CORR DAD |
| | | NACPS ODB |
| | | OHIP OLIS |
| | | |
| 68 | IBM Watson and Parkinson's disease: using addicial intelligence to accelerate discovery of new treatments | CPDB IPDB |
| | | DIN PCCF INST |
| | | CCRS |
| | | DAD NACRS ODB |
| | | OHIP ASTHM A CHF |
| | | COPD |
| | | HYPER ODD |
| | | OMID CONTACT PPDR |
| | | RPDB ORAD getacg |
| | | |
| 609 | ICDs and CRTs in patients with CKD: A meta-analys is | ICD |
| ш | | |

| # | Project Title | ICES Data |
|-----|--|------------------------|
| | ICES Faculty Scholars Program (2017-2019) | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF REF |
| | | INST |
| | | AVGPRICE ESTSOB |
| | | CCRS |
| | | CPRO DAD |
| | | HCD HOBIC |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | MOMBABY OCCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | CONTACT POP |
| | | RPDB |
| | | HCES CAPE |
| 1 | | OCCI ODR |
| | | OHCAS OLIS |
| | | OTR |
| | | ADP ONMARG |
| 611 | ICES-Derived Mental Health and Addictions Severity Score (iMHASS) | IPDB LHIN |
| 1 | | PCCF INST |
| | | CCRS DAD |
| | | DAD HCD NACRS |
| | | NRS |
| | | ODB OHIP |
| | | OMHRS RAIHC |
| | | SDS MOMBABY |
| | | CENSUS RPDB |
| | | CAPE |
| | | ONMARG CIC |
| | | getacg |
| | | |
| 612 | ICES-Ontario HIV Clinic Network Client Mix Study: ARCH Clinic | IPDB DAD |
| | | NACRS ODB OHIP |
| | | OHIP OMHRS |
| | | OMHRS ASTHMA CHF |
| | | COPD |
| | | HIV HYPER |
| | | ODD RPDB |
| | | ARCH Clinic |
| 63 | IDEAS (Improving & Driving Excellence Across Sectors) - St Joseph's Health Centre Economic Evaluation | DAD |
| | | DAD NACRS OHIP |
| | | RPDB CAPE |
| | | |
| 64 | IDEAS (Improving & Driving Excellence Across Sectors) - StThomas Elgin Economic Evaluation | DAD NACES |
| | | OHIP |
| 1 | | RPDB CAPE |
| | | |
| | | |
| 85 | Identifying clinical and sociodemographic riskfactors for severe pediatricRSV-related illness | DAD NACRS |
| | | ODB ASTHMA |
| 1 | | MOMBABY CENSUS |
| | | RPDB ONMARG |
| 1 | | ORGD CIC |
| 1 | | Glushot OHIP |
| | | OMIPS SDS |
| | | SDS flushot |
| | No. of the Country of | |
| 66 | Identifying Comorbid Conditions as Risk Factors of West Nile Virus Neuroinvasive Diseasein the Ontario Population, 2002-2012 | CORR DAD |
| | | NACRS ODB OHIP |
| | | SDS |
| | | ASTHMA CHF |
| | | COPD HIV |
| | | HYPER OCC |
| | | ODD |
| | | ORAD RPDB |
| | | PHO lab |
| | | data |
| | | W NV OCR |
| | | |
| | | |

| # | Project Title | ICES Data |
|----|---|--|
| 87 | Identifying delirium risk and outcomes at the end of life in continuing care: Apopulation-based administrative data study | PDB DN PCCF REF INST CCRS CDCS DCD DCD DCD DCD NACRS NRS OOB CHIPRS CRACA RAHC SSS ASTHM A CHF CCCC CDD CMD CCCC CDD CMD CCCC CDD CRACA CCCC CDC CCC CDC CCC CDC CCC CCC CDC CCC C |
| | Identifying ethnic ily from administrative data | DN LHIN PCCF REF NCF NCF NCF NCF NCF NCF NCF NCF NCF NC |
| | | RPDB CCC DN REF DAD MACRS ODB WHP BB HYPER ODD RPDB OUS ETHNI C ORGD CCN CCHS Suntane |
| | identifying Help-Seeking Patterns in Primary Care by Young People with First-Episode Psychosis | CPDB PPDB DN LBN LBN LBN LBN LBN CCRS DAD HCD CCRS DAD HCD CORS NACRS NRS OOB OWHRS RAICA SDS CORS CONIGO C |
| 8 | identlying high-risk patients through deep learning and natural languageprocessing | CPDB PDB DN LIN LIN LIN LIN LIN LIN LIN LIN LIN LI |

| But desired your security is greater to desire the control of the | # | Project Title | ICES Data |
|--|-----|---|------------------|
| Buttering agent and butter of comparison the state of the comparison of the comparis | | | CCRS DAD |
| Burliffing Chipsens has year to Charled Seases servely in 2007A-21 conquestion indigence methods Burliffing Chipsens has year to Charled Seases servely in 2007A-21 conquestion indigence methods Burliffing Chipsens has been an extension of the charled servely in Charled Charle | | | HCD NACRS |
| Security of Control of | | | NRS |
| B dendying National States and St | | | OHP OMES |
| Example processed effectives an include in transportation by in DMP ALD continguation in biguines markeds Secretary any processed effectives an include in transportation by in DMP ALD continguation in biguines markeds Secretary any processed effectives an include in transportation by in DMP ALD continguation in biguines markeds Secretary any processed effectives an include in transportation by in DMP ALD continguation in biguines markeds Secretary any processed effectives an include in transportation in the included | | | SDS CENSIS |
| B Mondying OA peters, an a specific CA and disease an early in 1969 A. to carge this atmospheric resolution B Mondying OA peters, an a specific CA and disease an early in 1969 A. to carge this atmospheric resolution B Mondying OA peters in resiliation resolution and an early in Orders B Mondying Peters and Commission of Commission and Associated with Trans-Calle but acrite valve in plantation in a levels code standard. B Mondying Peters and Commission Peters in Card Casts Associated with Trans-Calle but acrite valve in plantation in a levels code standard. B Mondying this Score for recognisation when himocranicals it basins in Card Casts Associated with Trans-Calle but acrite valve in plantation in a levels code standard. B Mondying this Score for recognisation when himocranicals it basins in Calle but acrite valve in plantation in a levels code standard. B Mondying this Score for recognisation when himocranicals it basins in Calle but acrite valve in plantation in a levels code standard. B Mondying this Score for recognisation when himocranicals it basins in Calle but acrite valve in plantation in a levels code standard. B Mondying this Score for recognisation when himocranicals it basins in Calle but acrite valve in plantation in a levels code standard. B Mondying this Score for recognisation when himocranicals it basins in Calle but acrite valve in plantation in a levels code standard. B Mondying this Score for recognisation valve in contract valve in plantation in a levels code standard. B Mondying this Score for recognisation valve in contract valve in plantation in a levels code standard. B Mondying this Score for recognisation valve in contract valve in plantation in a levels code standard. B Mondying this Score for recognisation valve in the contract valve in plantation in a level code standard. B Mondying this Score for recognisation valve in the contract valve in plantation in a level code standard. B Mondying this Score for recognisation valve in the contract valve in plantation in a | | | RPDB |
| E Stordy mg CA patients, the special distances in make the secretary in DMALD entiripated on inches to the secretary of the secretary in DMALD entiripated on inches to the secretary of the secr | | | NDFP |
| Element of the process of Contractive Health Cost Costs Accordance and William Process and Costs | | | ESAS |
| Element of the process of Contractive Health Cost Costs Accordance and William Process and Costs | | | |
| Budging Predictors of Commission and Commission Commiss | 623 | Identifying OA patients, site specific OA and disease severity in EMRALD usingartificial intelligence methods | IPDB |
| B Startilying production discontinues in radiation to control to c | | | DAD NACRS |
| Consigning procedure distances in radiation treatmentation by in Omitria Consigning Procedure of Commission Health Care Cook Associated with Trans California profession in terms california in term | | | OHIP |
| Benifying the Bother or regardion aller femoral reschibitions Benifying the Bother or regardion aller femoral reschibition Benifying the Bother or rega | | | EMRALD |
| Benifying the Bother or regardion aller femoral reschibitions Benifying the Bother or regardion aller femoral reschibition Benifying the Bother or rega | | | |
| Constitying Procidency of Cumulative Negati Core Costs. Associated with Trans Cultivate across valve implantation in severa acids. Services Constitying Procidency of Cumulative Negati Core Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services Cost of Cumulative Negati Core Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services Cost of Cumulative Negati Core Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services Cost of Cost of Cumulative Negati Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services Cost of Costs of Cumulative Negati Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services Cost of Costs of Cumulative Negati Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services Costs of Costs of Cumulative Negati Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services Costs of Costs of Cumulative Negati Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services Costs of Costs of Cumulative Negati Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services Costs of Costs of Cumulative Negati Costs. Associated with Trans Cultivate across, valve implantation in severa acids. Services acids. Se | 624 | Identifying potential efficiencies in radiation treatment delivery in Ontario | CPDB LHIN |
| B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B Constlying the COPO phenotype was greater ordered street B COPO | | | INST |
| E Managing the Corto phanotype using native considered. Hazure in Colors Blandying the Corto phanotype using native colors decree. Blandying the Corto phanotype using native colors decree the colors de | | | DAD NACRS |
| B Constitying the Cort principles with a contract to the production in severe and contracts. B Constitying the Cort principles with a contract to the production in severe and contracts. B Constitying the Cort principles with a contract to the production in severe and contracts. B Constitying the Cort principles with a contract to the princip | | | ODB |
| B Stringlying Predictors of Controllative Health Cario Costs Associated with Trans-Contrear acris valve implantation in severe social strings. On Lide Stringlying Predictors of Countrillative Health Cario Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social strings. In the Predictors of Costs Associated with Trans-Contrear acris valve implantation in severe social s | | | SDS |
| E Sontlying Predictors of Comulative Health Care Closts Associated with Traces Carbotar acritic vaive implantation in severe acritic status and carbotar acritic vaive implantation in severe acritic status and carbotar acritic vaive implantation in severe acritic status and carbotar acritic vaive implantation in severe acritic status and carbotar acritic vaive implantation in severe acritic vaive in severe acritic vaive implantation in severe acritic vaive in | | | ALR |
| B Monthly mg rax is bother for responsion abor temoral rasck tradure in Christian B Monthly mg rax is bother for responsion abor temoral rasck tradure in Christian Control | I | | NDHP OCR |
| B Monthly mg rax is bother for responsion abor temoral rasck tradure in Christian B Monthly mg rax is bother for responsion abor temoral rasck tradure in Christian Control | I | | |
| B Monthly mg rax is bother for responsion abor temoral rasck tradure in Christian B Monthly mg rax is bother for responsion abor temoral rasck tradure in Christian Control | 65 | Identifying Predictors of Cumulative Health Care Costs Associated with Trans-Catheter aortic valve implantation in severe aortic stenosis | DIN |
| B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temoral neck facture in Chatro B Goodlying tak Schars for reoperation after temperation and the Chatro B Goodly in Chatro B Go | 1 | | LHIN |
| B Wordlying risk factors for resperation after funtral neck 8 adure at Ordanio B Wordlying risk factors for resperation after funtral neck 8 adure at Ordanio B Wordlying risk factors for resperation after funtral neck 8 adure at Ordanio COID | I | | REF |
| B Montlying tak Sciera Ex reoperation after Emeral neck Eadure in Cristro B Montlying tak Sciera Ex reoperation after Emeral neck Eadure in Cristro Crist Part Part Part Part Part Part Part Par | I | | AVGPRICE |
| Bandying tiek factors for reoperation after fenoral mack 8 secure in Other to Bandying tiek factors for reoperation after fenoral mack 8 secure in Other to Change Cha | | | ESTSOB CCRS |
| B Gentlying risk lasters for reoperation after funeral neck that are in Chitario B Gentlying risk lasters for reoperation after funeral neck that are in Chitario Chita (Chita) Chita (| | | HCD |
| Code Owards Owards Soft Press Aprel Ap | | | NRS |
| S Wantilying that Sectors for reoperation after femoral neck Eadure in Ontaino S Wantilying that Sectors for reoperation after femoral neck Eadure in Ontaino S Wantilying that COPD phenotype using real-wordevidence S Wantilying the COPD phenotype using real-wordevidence S Wa | | | ODB |
| Unitying risk bictors for reoperation after temoral neck tradure in Ontario Unity in the COPO phenotype using real-worldovidence Unity in the COPO phenoty | | | OMHRS |
| Bentlying fisk factors for reoperation after temoral neck tradure in Ontario Constant Constant | | | CHF |
| ### Bendying the COPO phenotype using real-worldevidence #### Handlying the COPO phenotype using real-worldevidence ################################## | | | ODD |
| ### Dentifying the COPP phenotype using real-worderidence ### App | | | RPDB ADP |
| So Venillying risk factors for reoperation after femoral neck fracture in Critario So Venillying risk factors for reoperation after femoral neck fracture in Critario Fig. 1 Fig. 1 | | | GAPP |
| Sensitying tisk bacters for reoperation after temoral neck tracture in Onlarso CPB PDB AVPPRE STEPRIC DAN BES COR | | | OCCI OHCAS |
| Next | | | CCN |
| Next | | | |
| Next | 626 | Identifying risk factors for reoperation after femoral neck fracture in Ontario | CPDB IPDB |
| E CORS E CORS E CORS HCD MACRS MRS ONP ONP ONP ONP ONMOS SSO SSO CCPD HYPER OND RPDB ADP HCDIOH OCCI | | | INST AVGPRICE |
| HCD NACES NACES NCB COB COB COB COB COP | | | STIPPIC |
| MACRS NRES OHP COMRS SIDS COPD HYPER CODD HYPER CODD RPDB ADP HCDMCH COCCI COD RPDB ADP HCDMCH COCCI REST CCRS DAD HCDMCH ACRE CORP CORP CORP CORP CORP CORP CORP CORP | | | DAD |
| GHP CMRES SISS SISS COPD COPD HYPER CODD RPDB ADP HCDMOH CCCI CPDB PDB JN LHN PDB JN LHN PDB JN CCRS DAD RCF REF REF REF REF REF REF REF REF REF RE | | | NACRS |
| OM-RS SIDS CIP CIPD HYPER COD OMB APP HCDMH OCCI CPDS PDB DN IN PCCF REF RIST CCRS CCRS CORD OMB ARS SIDS SIDS APP CCRS CCRS CCRS CCRS CCRS CCRS CCRS CC | | | NRS ODB |
| CHF COPP COPP HYPER COMM COMM RPDB ADP HCDMOH CCCI CE CE CE CE CE CE CE CE | | | OMHRS |
| COPD HYPPER COD COD CREB ADP HCDMCH COCI Elentifying the COPD phenotype using real-wordevidence Elentifying the COPD phenotype using real-wordevidence CPDB PDB DN URN PCCC REF | I | | CHF |
| GDD CMB RPS ADP HCDMCH CCCI CPD phenotype using real-wordevidence PDB | I | | COPD HYPER |
| RPDB ADP HCDMOH OCCI Elensity ing the COPD phenotype using real-wordevidence EDB DN UniN PCCF REF NOT OCRS DAD HCD NACRS OOB OHIP OHIPR OHIPR OHIPR ODD ON ASTEM A CHF COPD HYPER OOD OD OM OM OCCIO OND OM OM OCCIO OM OCCI OM OCC | I | | ODD OMD |
| Monthlying the COPD phenotype using real-wordevidence CDB PDB DN LINN PCCF REF NSTS CCNS DB DCN HCD NACRS ODB OHIP OHIPR OHIPR OHIPR ODD OD OM ORAD ORAD ORAD ORACT ODP RPDB ADP CAPE OWANG ONAD ORAD ORAD ORAD ORAD ORAD ORAD ORAD OR | I | | RPDB |
| ## dentifying the COPD phenotype using real-wordevidence ## dentifying the COPD phenotype using real-wordevidence ## DENTIFY COPD PHENOTYPE | 1 | | HCDMOH OCCI |
| POB DN | I | | 1 |
| POB DN | are | Manthing the CORD phenotine using reglavordevidence | CODE |
| LIIN PCCF REF NCF NCF NCF NCF NCB DAD HCD NACRS ODB OWHRS SSS SSS ASTMM A CHF COPPER HORE OWN ORAD CRAD CRNSLB CONTACT PEPPB ADP CAPE OWN RG ORG ORG ORG ORG ORG ORG ORG ORG ORG | 120 | Noting to COTO pitation year using teat worder to etc. | IPDB |
| REF INST CCRS DAD HD | I | | LHIN |
| INST CCRS DAD HACES DAD HACES ONE OHIP OMHRS SS ASTIM | I | | REF |
| DAD HCD NACRS OHIP OHIP OMHRS SDS ASTMM A CHP CHP CHP COMP COD OMD ORAD CENSUS CONTACT PRIBB ADP CAPE OMRAG ORG ORG ORG ORG ORG ORG ORG ORG ORG OR | I | | INST CCRS |
| NACRS ODB OH OH OH OH OSS SDS ASTMM A CHF COPDR ODD OMD ORAD CRNALB CONTACT PPPB ADP ADP CAPE OMBR ORAD CRNALG CONTACT PPPB ADP CAPE OMBR ORAD CAPE OMBR ADP CAPE OMBR ORAD CAPE OMBR ADP CAPE OMBR ORAD CAPE OMBR OMBR ORAD CAPE OMBR ORAD CAPE OMBR ORAD CAPE OMBR ORAD CAPE OMBR | I | | DAD |
| OHIP OHIPS SDS SSS ASTMM A CHP COPE HOPE HOPE HOD OMD ORAD CENSIS CONTACT POP RODB ADP CAPE COMB ADP CAPE COMB ADP CAPE COMB COMB COMB COMB COMB COMB COMB COMB | I | | NACRS |
| ASTMM A CHF COPD COPD COPD COPD COMD COMD COMD COMAD CENSIGS CONTACT POPDB ADP CAPE COMBA COPD CAPE COMBA COPD COPD COPD COPD COPD COPD COPD COPD | I | | OHIP |
| A CHF COPD COPD HPPE OF HPPE OF | I | | SDS |
| ODD OMD ORAD CENSUS CONTACT POP RPDB ADD COMMARG ORAD COMMARG | I | | A CHF |
| OMD ORAD CENSUS CONTACT PRIME RPDB ADP CAPE OMMRG ORGO COS | I | | HYPER |
| CENSES CONTACT POP RPDB ADP CAPE OMRARG ORGD CCHS CCHS | I | | OMID |
| CONTACT POP RPDB ADP CAPE COMMAG COM | I | | CENSUS |
| RPDB ADP CAPE OWMRG OGGS CCS | I | | CONTACT |
| CAPE OMMARG OMGO COM | I | | RPDB ADP |
| ORGD CCHS CIC | I | | CAPE |
| CIC | I | | ORGD |
| OCR OUS | I | | CIC |
| | I | | OLIS |
| | | | |

| 2 | CPDB IPDB DN REF DAD NNGS OGD OHIP SDS MOMBABY ODD CONTACT RPDB ADP ERCAIM ERCAIM ERCAIM COUNTACT COUN |
|---|--|
| | DNC Diabetes Data |

| # | Project Title | ICES Data |
|-----|--|---|
| 69 | Identifying upstream factors of violent deaths: a population-based study in Ontario | LHIN PCCF REF |
| | | DAD |
| | | NACRS OHIP CENSUS |
| | | CONTACT |
| | | RPDB ONMARG |
| | | POPCAN ORGD |
| | | CIC OMHRS MOMBABY |
| | | NUNDABT |
| 630 | illness and the risk of self-harmin young people | DAD NACRS |
| | | ODB OHIP |
| | | RPDB OSR |
| | | Dementia |
| 61 | Immigration and the Risk of Multiple Sclerosis | IPDB DAD |
| | | DAD NACRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA CHF |
| | | COPD |
| | | HYPER ODD |
| | | CENSUS RPDB |
| | | CCHS CIC ETHNIC |
| | | CCRS HCD |
| | | |
| 602 | Immunization coverage among newcomers to Ontario | IPDB LHIN |
| | | PCCF DAD NACIS |
| | | NACIOS ODB OHIP |
| | | MOMBABY CENSUS |
| | | RPDB CAPE |
| | | ONMARG CIC |
| | | EMRALD REF |
| | | SDS OCR PCPOP |
| | | Data extract from Panorama containing select data elements |
| | | School Board data |
| 683 | Impactof a hospital discharge e-notification program on physicianfollow-up and unplanned readmission: a time series analysis | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | REF INST |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHM |
| | | AS ITIM A CHF COPD |
| | | HYPER OCCC |
| | | ODD OMD |
| | | ORAD CENSLS RPDB |
| | | RPDB CAPE ONMARG |
| | | OMMARG DEMENTIA ORGD |
| | | e-Notification Participants |
| 694 | Impactof a Regional Asthma Care Network on Health Services Utilization: Adata linkage analysis | CPDB |
| | | IPDB DIN LHIN |
| | | PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP OM/IRS |
| | | OM/RS SDS ASTHM |
| | | A |
| | | CONTACT RPDB CAPE |
| | | getacg |
| 65 | Impactof anesthesiologistand surgeon sexon patientoutcomes after non-cardiac surgery: a population-based, retrospective cohort study | Asthma Management and Outcomes Monitoring System (AMOMS) data IPDB |
| | | INST CPRO DAD |
| | | NACRS OHIP |
| | | SDS ASTHMA |
| | | CHF COPD HYPER |
| | | HYPER ODD OMID |
| | | OMID CENSUS POP |
| | | RPDB |
| | | |
| | | |

| # | Project Title | ICES Data |
|---------|--|---------------------------|
| # 66 | Project Title Impactof caregiver distresson health care utilization and psychotropic medication use amongcommunity-dwelling older adults with dementia | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF DAD |
| | | HCD |
| | | NACRS ODB |
| | | OHIP |
| | | SDS ASTHM A CHF |
| | | COPD |
| | | HIV HYPER |
| | | ODD RPDB |
| | | CAPE |
| | | |
| 807 | Impactof CCRT Programs on the Outcomes of Surgical Patients in Ontario | IPDR |
| w | Impactor Cok i Programs on the Outcomes or Surgical Patients in Onland | IPDB PCGF INST |
| | | CCRS |
| | | DAD NACPS |
| | | OHIP SDS |
| | | RPDB OCR |
| 1 | | |
| L | | |
| 68 | Impact of CFPC training standards on health care practice outcomes | CIPC |
| 1 | | |
| 69 | Impactof CNSDepressantBurden on the Relationship Between NewOpioid Use and Fracture Risk Among Older Adults | IPDB |
| 1 | · · · · · · · · · · · · · · · · · · · | IPDB DIN DAD |
| 1 | | NACRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS |
| 1 | | ASTHM A CHF |
| 1 | | COPD |
| 1 | | HYPER ODD |
| | | OMD |
| | | ORAD RPDB |
| | | |
| 640 | Impactof electronic medication reconciliation on selectedinappropriate discharge prescribing at London hospitals | CRDR |
| 96 | enpartor occusiono modicatori i economiatori on ocitoteoni ilappropriate diotala ga prescribili g at controli nospitato | CPDB IPDB DIN |
| 1 | | LHIN |
| 1 | | INST DAD |
| 1 | | NACRS |
| 1 | | ODB OHIP OMHRS |
| 1 | | OMPIRS SDS HYPER |
| 1 | | ODD |
| 1 | | CONTACT |
| 1 | | RPDB NMS |
| 1 | | Medication Reconciliation |
| 641 | Impact of high sensitivity troponin on health care service utilization and cardovascular outcomes | IPDR |
| un! | | IP DB DIN LHIN |
| 1 | | PCCF |
| 1 | | REF INST |
| 1 | | CORR DAD |
| 1 | | NACRS |
| 1 | | ODB OHIP |
| 1 | | SDS HYPER |
| 1 | | ODD |
| 1 | | CONTACT POP |
| 1 | | RPDB OUS |
| 1 | | ORRS |
| 1 | | |
| 62 | Impact of Hospice Centres on Death in Acute Care Among Cancer Patients: An Interrupted Time Series Analysis | REF |
| 1 | • | REF DAD RPDB |
| 1 | | OCR PCCF |
| 1 | | · |
| 68 | Impact of immigration status and ethnicity on stroke care and outcomes | DIN |
| 1 | | PCCF REF |
| 1 | | DAD |
| 1 | | NACRS ODB |
| 1 | | OHIP ASTHM |
| 1 | | A CHF COPD |
| 1 | | HYPER |
| 1 | | ODD CENSUS |
| 1 | | RPDB CIC |
| 1 | | ETHNIC |
| 1 | | RCSN OLIS ORGD |
| 1 | | ORGD CCHS |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|----------------------------|
| 64 | Impact of Infliximab on Real-World Health Outcomes and Costs in Inflammatory Bowel Diseases: A Population-Based Time Series Analysis | IPD |
| | | в ш |
| | | N INS |
| | | T AVGPRŒ |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS |
| | | ODB OHIP OMHRS |
| | | SDS CHF |
| | | COPD |
| | | OCC CONTACT |
| | | RPDB ADP |
| | | CAPE GAPP OHCAS |
| | | OCCI |
| | | ESTSOB OCR |
| 65 | Impactof Influenza and Virus Seasons on Asthma Morbidity and Mortality in Ontario | IPDR |
| | | LHIN PCCF |
| | | INST DAD NACRS |
| | | ODB |
| | | OHIP SDS |
| | | ASTHMA CHF |
| | | COPD |
| | | HYPER ODD |
| | | OMID CENSUS |
| | | CONTACT POP_ |
| | | RPDB ERCLAIM ONMARG |
| | | ONMARG OCR |
| | | OCR ORGD |
| | | |
| 66 | Impact of minimally invasive vs open radical hysterectomy on oncologic outcomes in cervical cancer: Apopulation - based study | IPDB |
| | | IPDB AVGPRICE ESTSOB |
| | | DAD OHIP |
| | | SDS ASTHMA COPD |
| | | COPD |
| | | HYPER ODD CENSUS |
| | | CONTACT |
| | | POP RPDB |
| | | CAPE OBSP |
| | | OCR ORGD |
| | | Cervical MIS Outcomes |
| 67 | Impact of pain quality indicator and an algesia prescribing in long term care an interrupted time series analysis | CPDB IPDB |
| | | DIN CCRS |
| | | DAD |
| | | NACRS ODB |
| | | OHIP OCCC |
| | | CONTACT RPDB |
| | | |
| ASI | Impactof palliative care in advanced COPD | CPDB |
| · · | | EPOB LHIN |
| | | PCCF |
| | | AVGPRICE ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS NRS |
| | | ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | AS ITMM COPD |
| | | HIV |
| | | HYPER OCCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | CONTACT |
| | | POP RPDB CAPE |
| | | GAPP ONMARG |
| | | - Committee |
| | | |
| 69 | Impact of permanent feeding tube placement in patients with acute stroke: Predictors, complications, and outcomes | DAD NACRS |
| | | CENSUS RPDB |
| | | ORGD |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|-----------------------------|
| 60 | Impact of Permanent Pacemaker Implantation on Clinical Outcomes of Patients After Transcaffieter Acrtic Valve Implantation (TAVI) | DIN LHIN |
| | | PCCF REF |
| | | AVGPRŒ CCRS DAD |
| | | DAD HCD NACRS |
| | | NACKS NRS ODB OHIP |
| | | OHP OMBES |
| | | OMHRS SDS COPD |
| | | HYPER ODD |
| | | RPDB ADP CAPE |
| | | GAPP |
| | | OHCAS OCCI |
| | | CCN |
| | | |
| 61 | Impactof post-surgical cardac implantable electronic device (CIED) related infections | CPIB IPDB |
| | | DIN LHIN |
| | | AVGPRICE CCRS DAD |
| | | HCD |
| | | NACRS NRS |
| | | NRS ODB OHIP |
| | | OMHRS SDS |
| | | ASTHMA CHE |
| | | COPD HYPER |
| | | ODD CONTACT |
| | | CONTACT RPDB ADP |
| | | CAPE GAPP |
| | | OHCAS OCCI |
| | | |
| 602 | Impact of Pre-Exising Mental Health Conditions (MHC) among Incident Dialysis Patients in Ontario - Prevalence Study | LHIN PCCF |
| | | INST |
| | | CCRS CORR |
| | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS CENSUS |
| | | CENSUS |
| | | RPDB CHF COPD |
| | | HYPER ODD |
| | | OMD OCR |
| | | out. |
| 63 | Impact of Provider and System Factors on Length of Stay After Colorectal Surgery | CPDB IPDB |
| | | LHIN PCCF |
| | | INST DAD NACES |
| | | NACRS OHIP RPDB |
| | | RPDB OCR |
| | | gelacg ONMARG |
| | | |
| 654 | Impactof Psychiatric and Medical Comorbidity onMortality | AVGPRŒ CCRS HCD |
| | | NRS |
| | | ODB SDS |
| | | ADP CAPE GAPP |
| | | GAPP OHCAS OCCI |
| | | , |
| arr | Impactof Psychiatric and Medical Comorbidity on Risk of Mortality | IPAR |
| 800 | anguara i ayannasia anu meunana orindunung antriak UTMU Milly | IPDB LHIN DAD |
| | | NACRS OHIP |
| | | OMHRS |
| | | ASTHMA CHF COPD |
| | | HIV HYPER |
| | | OCC ODD |
| | | OMID ORAD |
| | | CENSUS |
| | | POP RPDB OCR |
| | | AVGPRŒ CCRS |
| | | HCD NRS |
| | | ODB |
| | | SDS ADP CAPE |
| | | CAPE GAPP OHCAS |
| | | occi |
| | | |

| # | Project Title | ICES Data |
|------------|---|--------------------------|
| | Impact of publicly funded herpes zoster immunization program on burden of disease in Ontario | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST CCRS |
| | | DAD HCD |
| | | HOBIC NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAICA RAIHC |
| | | RAIHC SDS ASTHM |
| | | ASTHIM A CHF COPD |
| | | HIV HYPER |
| | | MOMBABY OCCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | CONTACT POP RPUB |
| | | HCES |
| | | ADP CAPE CENSUSOA |
| | | EMRALD CCHS |
| | | OCR |
| | | |
| 6 7 | Impact of pulative chemo-preventative agents on prostate cancer outcomes among patients with a negative first biopsy | IPDB DIN |
| 1 | | LHIN PCCF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | ODD CENSUS |
| | | RPDB OCR SDS |
| | | SDS CONTACT OUS |
| | | ous |
| 68 | Impact of Residual Coronary Artery Disease (CAD) on TAVI Patients | DIN LHIN |
| | | LHIN PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP SDS |
| | | SDS CHF COPD |
| | | HYPER |
| | | ODD OMD |
| | | RPDB CCN |
| | | IPDB OMHRS |
| 69 | Impactof right-censoring on long-term mortality of immigrants and long-term residents in Ontario | PCCF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS CHF |
| | | HYPER ODD |
| | | CENS.6 RPDB ETHNIC |
| | | CIC OCR |
| 1 | | OSR DIN |
| 1 | | REF ASTHMA |
| 1 | | COPD OLIS ORGD |
| 1 | | ORGD |
| 60 | Impact of Select Socioe conomic, Individual and Environmental Determinants on Multimorbidity | CPDB |
| 1 | | IPDB LHIN PCCF |
| 1 | | REF DAD |
| 1 | | DAD NACRS OHIP |
| 1 | | OMHRS SDS |
| 1 | | ASTHM A COPD |
| 1 | | HIV HYPER |
| 1 | | ODD CENSUS |
| 1 | | CONTACT POP |
| 1 | | RPDB CAPE |
| 1 | | CCHS ORGD |
| 1 | | PIBD PCPOP IRS |
| | | |
| 61 | Impactof Sex and Gender on Initiation and Discontinuation of Psychotropic Medications Among Long-Term Care Residents with Dementa | DIN |
| | | LHIN PCCF |
| 1 | | REF ODB |
| 1 | | POP RPDB |
| 1 | | NMS |
| 1 | | |

| # | Project Title | ICES Data |
|---|---|--|
| € | Impactof social economic status, travel time and location of diagnosis in newly diagnosed DLBCL in the ritux timab era: a large population cohort | DAD NACRS CHIP RPDB ETHNIC NOIPP CCR CCR CCR CCR CCR CCR CCR |
| 報 | Impactof surgeon factors on the managementand outcomesofacule appendicilis | PDB LIN PCCF REF NST NACHOR ACARS CORPS SERVICE REPS SERVICE REPS REPS REPS REPS REPS REPS REPS REP |
| 64 | Impactof the Sault Ste Marie Radiation Facility on Choice of Surgical Option among Breast Cancer Patients in the Algoma Region | PCCF REF AVGPRICE ESTSOB SDS CENSUS ADP CAPE GAPP COCI OHOAS CMMARG |
| 65 | MPACT: Comparison of outcomes and lake effects of os teosarcoma and Ewing sarcoma in Ontario AYA treated in pediatric versus adult centres | DAD MACRS CHIP SOS CENSUS REPOB ACENSUS ACENSU |
| 66 | MPACT: Long Term Mental Health Outcomes in AYA with Cancer | DAD NACRS COB CHIP OMHRS RPDB BPACT |
| a | MPACT: Pregnancy and Perinatal Outcomes in Female Survivorsof Childhood, Adolescent, and Young Adult Cancer | CPDB PPDB LHIN PPDB LHIN PCCF REF REF REF ROT DATA MODE SDS MODE SDS MODE CONTACT RPDB CHF CORCD CCR |
| *************************************** | IMPACT: Prevalence and Predictors of High-Intensity End-Of-Life Case Among AYA with Cancer in Ontario | RST DAD NACRS CHIP SDS CONNICT RPDB ERCLAM ERCLAM ERCLAM ERCLAM ERCLAM BAPACT |
| 60 | Impacts of Low Aculty Patents transported by Ambulance in the Emergency Department | CPDB IPDB DN LINN PCOF REF CCRS CCRS CCRS CCRS NRS COB |

| # | Project Title | ICES Data |
|-----|--|---|
| 60 | Implementation of Pharmacogenomics-based Personalized Medicine 5- Fluorour acil and Capecitabine | IPDB |
| 1 | | DIN LHIN PCCF |
| | | PEE |
| | | AVGPRŒ CCRS |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | SDS CENSUS |
| | | CONTACT POP |
| | | RPDB |
| | | ADP CAPE OUS |
| | | HYPER ODD |
| | | Personalized Medicine Database |
| ଶ | Improving Care for Patients with Chronic Kidney Disease using Electronic Medical Record Interventions: A Pragmatic Cluster Randomized Trial | EMRALD |
| 672 | Improving maternity care for women living with HIV in Ontario | CPDB IPDB |
| | | LHIN PCCF |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | CHF HIV |
| | | HYPER MOMBABY ODD |
| | | ODD OMID CENSUS |
| | | POP |
| 1 | | RPDB ERCLAIM |
| 1 | | ONMARG CIC |
| 1 | | |
| 673 | Improving outcomes in kidney transplant recipients | |
| 1 | | IPDB PCCF |
| 1 | | REF CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS |
| | | RPDB TGLN |
| | | Comprehensive Renal Transplant Research Information System (CoReTRIS) |
| 64 | Improving OutcoMes in the Pediatric to Adult Care Transition in IBD - Health Resource Utilization | IPDB LHIN |
| | | LININ INST DAD |
| | | NACRS OHIP |
| | | OHIP SDS OCCC |
| | | RPDB |
| | | ERCLAIM SickKids IMPACT IBD |
| L_ | | |
| 65 | Improving Patient Experience and Health Outcomes Collaborative Project (IPEHOC) | DIN LHIN INST |
| | | DAD |
| | | NACRS ODB OHIP |
| | | SDS |
| | | RPDB ALR |
| | | OCR ESAS |
| | | CIC HCD ORGD |
| | | ORGD |
| 66 | Improving quality of care for individuals who require long-term support | CPDB |
| 1 | | IPDB DIN |
| 1 | | LHIN PCCF |
| 1 | | REF INST |
| 1 | | AVGPRICE ESTSOB |
| 1 | | CCRS CPRO |
| 1 | | DAD HCD |
| 1 | | NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS RAIGA RAIHC |
| 1 | | RAIHC SDS ASTHMA |
| 1 | | CHF |
| 1 | | COPD HIV |
| 1 | | HYPER OCCC ODD |
| 1 | | OMID |
| 1 | | ORAD |
| 1 | | CONTACT POP RPDB |
| 1 | | LOC |
| 1 | | ORGD |
| 1 | | CENSUS ADP CAPE |
| 1 | | DEMENTIA LTC Facility Care Quality Survey |
| 67 | Improving Risk Prediction for Primary Prevention of Atheros derotic Cardiovas cular Disease Events | DIN |
| 6// | milyroving was intermediated in Finited y Frevention of Anglos details Caldiovas coldit Disease EVents | PCCF |
| 1 | | REF DAD NACES |
| 1 | | NACIS ODB OHIP |
| 1 | | OHIP SIDS ODD |
| 1 | | OLIS |
| 1 | | ORGD |
| 68 | Improving stroke prevention therapy for patients with atrial fibrillation in primary care protocol for a pragmatic, cluster-randomized trial | EMRALD |
| 1 | | |

| # | Project Title | ICES Data |
|---------|--|--|
| | Improving the management of pain in cancer patients in Ontario | ALR NDFP |
| | | DIN OMHRS |
| | | SDS ODD |
| | | |
| | | |
| 600 | incidence and predictors of long-term upper tract complications after radical cystectomy and urinary diversion for bladder cancer | CPDB IPDB |
| | | LHIN PCCF INST |
| | | DAD NACRS |
| | | OHIP SDS |
| | | CHF HYPER ODD |
| | | OMID |
| | | RPDB ALR NDFP OCR |
| | | OCR |
| | | |
| 61 | Incidence and prevalence of diabetes for Peel Public Health | LHIN PCCF DAD |
| | | OHIP |
| | | ODD POP |
| | | RPDB |
| an | lacidance and prayalance of dishalae CODD is chamicheart disease and excelerate and for Deal Public Health | LHIN |
| 602 | Incidence and prevalence of diabetes, COPD, is chemicheart disease and ceretrovas cular disease for Peel Public Health | PCCF DAD |
| | | OHIP COPD |
| | | ODD POP |
| | | RPDB |
| | | |
| 663 | Incidence and risk factors of Renal Vein Thrombosis in Neonates in Ontario | PCCF REF CORR |
| | | CORR DAD NACRS |
| | | OHIP SDS |
| | | MOMBABY CENSUS COMTACT RPDB OMMARG |
| | | CONTACT RPDB |
| | | ONMARG |
| 64 | Incidence and severity of adverseevents from treatment with adjuvant trastuzamab-based chemotherapy in HER2+ breast cancer patients | PCCF |
| | | AVGPRICE STDPRICE |
| | | DAD NACRS ODB |
| | | OHIP SDS |
| | | CHF COPD |
| | | HYPER ODD |
| | | OMID ALR |
| | | NDFP OCR |
| | | EBP Trastuzumab |
| 65 | Incidence of cancer among immigrants in Ontario | CENSLS RPDB |
| | | CIC OCR |
| | | |
| 66 | Incidence of cardiovas cular diseases in pediatrics olid organ transplant recipients | CPDB |
| | | IPDB DIN LHIN |
| | | LHIN PCCF REF |
| | | CORR DAD |
| | | NACRS |
| | | ODB OHIP SDS |
| | | ASTHM A CHF |
| | | ODD OMD |
| | | CERSE POP ROTER |
| | | ETHNIC |
| | | ORGD PTD |
| | | |
| 607 | Incidence of Emergency Department Visits and Hospitalizations (ED+H) during Chemotherapy and Development of a Risk Prediction Model-ML | IPDB DIN LHIN |
| | | REF |
| | | INST DAD |
| | | HCD NACRS ODB |
| | | OHIP CENSUS |
| | | CONTACT RPDB |
| | | OLIS ALR NDFP |
| | | OCR |
| | | getacg Ontario |
| | | Symptom Management Collaborative Database |
| | lacidance of amergancy room visits and has rital reading some following apply interest account in Control | getacg |
| 688 | Incidence of emergency room visits and hospital readmissions following ambulatory surgery in Ontario | oo |
| 669 | Incidence of heart failure in immigrants | CHF |
| | | |
| \perp | | |

| # | Project Title | ICES Data |
|-----|--|-------------------------|
| 60 | incidence of self-harm leading to Emergency Departmentuse, hospitalization or death in people exposed to incarceration | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF CCRS DAD |
| | | HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC CONTACT |
| | | CONTACT CAPE |
| | | |
| 61 | Incidence of Traumatic Brain Injury among Ontarian adults with and without Intellectual and Developmental Disabilities and 30-Day Readmissions | CPDB IPDB |
| | | DIN PCCF |
| | | REF INST |
| | | DAD |
| | | NACRS ODB OHIP |
| | | OMHRS SDS |
| | | CENSUS |
| | | CONTACT RPDB POP |
| | | POP POPCAN ONMARG |
| | | CPDB |
| | | IPDB INST |
| | | ESTSOB CAPE |
| | | |
| 692 | Incidence of urological intervention for upperurinary tracts tone removal in autosomal dominant polycystic kidney disease | IPDB PCCF |
| | | REF INST |
| | | CORR |
| | | DAD NACES NRS |
| | | NRS OHIP SDS |
| | | SDS CONTACT RPDB |
| | | RPDB OUS CPDB |
| | | IPDB |
| | | INST |
| 68 | Incidence, Prevalence and Burdenof Dementia and Cognitive Impairment in the Population | IPDB DIN |
| | • • • • | DIN LHIN |
| | | LHIN PCCF REF |
| | | INST AVGPRICE |
| | | CCRS CPRO |
| | | DAD |
| | | HCD NACRS NRS |
| | | ODB |
| | | OHIP OMHRS PAICA |
| | | RAICA RAIHC SDS |
| | | ASTHMA |
| | | CHF COPD |
| | | HYPER ODD |
| | | OMD CONTACT POP |
| | | POP RPDB ADP |
| | | ADP CAPE ERCLAIM |
| | | GAPP |
| | | OHCAS OCCI |
| | | CCHS ORGD |
| | | |
| 64 | Incidence, Prevalence and Health Care Costs associated with Multiple Sclerosis across LHINs | LHIN |
| wr | 200 200 200 200 200 200 200 200 200 200 | PCCF CCRS |
| | | DAD NACRS |
| | | NACKS NRS ODB |
| | | ODB OHIP OMHRS |
| | | OMPHS CENSUS POP |
| | | PPDR |
| | | CAPE HCDMOH |
| | | |
| 65 | Incidence, prevalence, and cost of HPV-related diseases in Ontario | CCRS DAD |
| | | HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | HIV |
| | | RPDB ADP CAPE |
| | | HCDMOH |
| | | OHCAS OCR PCCF |
| | | CENSUS |
| | | POP |
| • | | |

| # | Project Title | ICES Data |
|-----|---|---|
| | incident dementia in an elderly population using anticholinergic medications for overactive bladder (CAB) | CPDB IPDB DIN |
| | | ir ub Din LHIN |
| | | PCCF REF |
| | | REF INST DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | ODD OMID |
| | | OMHRS |
| | | OWING |
| 67 | Including Selected Cancers in the Canadian Chronic Disease Surveillance System (CCDSS) for Multimorbidity and Economic Surveillance in Canada | IPDB DIN |
| | | PCCF REF |
| | | AVGPRICE ESTSOB |
| | | ESISUB DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | CENSUS |
| | | POP RPDB OCR |
| | | OCR . |
| | | |
| 68 | Indicators for Durham Region Health Neighourhoods- Update | DAD OHIP |
| I | | RPIDB CON CIC |
| I | | CIC Torronto Cardiac |
| 1 | | Rehabilitation |
| 1 | | dataset from |
| I | | 1996-2010 CANUE |
| I | | walkability data |
| 1 | | NACRS |
| L | | CANUE Canadian Active Living Environments (Can-ALE) |
| 69 | Indicators for HKPRD Health Unit Neighbhourhoods | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST AVGPRICE |
| | | ESTSOB CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS |
| | | SDS CHF COPD |
| | | HYPER ODD |
| | | OMID |
| | | ORAD CENSUS |
| | | CONTACT RPDB ADP |
| | | CAPE |
| | | GAPP OCCI OCR |
| | | OCR NMS |
| | | HKPRDHU Neighbourhood Geography Crosswalk File |
| 700 | Indicators for Regional Municipality of Halton | PCCF REF |
| 1 | | REF OHIP ASTHIMA |
| 1 | | COPD |
| I | | HYPER ODD |
| I | | CENSUS CONTACT |
| 1 | | POP RPDB |
| 1 | | NACRS ORGD |
| Ц_ | | Halton DACharacteristics CANUE Walkability Data |
| 701 | Inequities in access to care in Ontario by immigrant class | CPDB IPDB |
| I | | DAD NACRS |
| I | | OHIP OMHRS |
| 1 | | ASTHMA CHF |
| 1 | | COPD HYPER |
| 1 | | ODD OMID |
| 1 | | CENSUS CONTACT POP |
| I | | RPDB |
| I | | CAPE CIC |
| I | | снс |
| 70 | hequities in uptake and quality of primary care in different models of health services for children-a cross-country comparison | IPDB |
| 1 ~ | | IPDB PCCF DAD |
| I | | NACRS ODB |
| I | | OHIP SDS |
| I | | ASTHMA MOMBABY |
| 1 | | ODD CENSUS |
| I | | RPDB CAPE |
| 1 | | ONMARG CIC |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|-------------------------|
| | Inequities of Access to Advanced Prostate Cancer Treatments: A Provincial-Wilde Assessment | IPDB |
| 1 | | DIN LHIN |
| | | PCCF REF INST |
| | | CCRS DAD |
| | | HCD HOBIC |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAICA RAIHC |
| | | SDS |
| | | ASTHM A CHF COPD |
| | | HIV HYPER |
| | | MOMBA BY OCCC |
| | | ODD OMD ORAD |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | HCES ADP CAPE |
| | | CENSUSCA |
| | | EMRALD CCHS |
| | | OCR PCPOP |
| | | OCCC ORAD CENSUS |
| | | CIC NDFP |
| 734 | Infants born to women with disabilities: Health and health care | PCCF DAD |
| | | NACRS OHIP |
| | | OMHRS MOMBABY |
| | | ODD OMD RPDB |
| | | OCR ORGD |
| | | POGONIS |
| | | |
| 715 | Infectious complications among childhood acute lymphoblastic leukemia (ALL) and acute myeloid leukemia (AML) in Ontario | DAD NACRS |
| | | OHIP OMHRS RPDB |
| | | RMDB ONMARG ORGD |
| | | POGONIS |
| | | |
| 706 | Inflammatory bowel disease and first-onsetpsychiatric disorders in pregnancy and postpartum | DAD NACRS OHIP |
| | | OHIP OMHRS MOMBABY |
| | | OCC RPDB |
| | | HYPER ODD |
| | | |
| 707 | Influence of cannabis in preganancy on offspring perinatal and childhood health outcomes: a population-based birth cohort | IPDB PCCF DAD |
| | | NACRS OHIP |
| | | MOMBABY CENSUS |
| | | RPDB BORN |
| | | DIN ODB |
| | | RPDB ODB |
| 79 | Influence of chronic disease and conorbidity on coloredal cancer screening during 2010-2016 in Ontario | CPDB |
| 100 | and the second s | IPDB CCRS |
| | | CORR |
| | | NACRS OHIP |
| 1 | | OMHRS CHF COPD |
| | | COPD HYPER OCC |
| | | OCC ODD CENSUS |
| | | RPDB CAPE |
| | | OCR ODB |
| | | SDS |
| 739 | Influence of diabetes on colorectal cancerstage at diagnosis and survival | PCCF REF |
| | | INST |
| | | CCRS DAD NACRS |
| | | OHIP CENSUS |
| | | RPDB |
| 90. | INFLUENCE OF GERIATRIC CONSULTATION FOR SENIORS WITH TRAUMA | rcps. |
| n) | THE CONTROL CONSOLIATION FOR SENDING WITH TRAUMA | CCRS DAD HCD NACRS |
| | | ODB |
| 1 | | OHIP CHF |
| 1 | | HYPER ODD |
| | | OMID CONTACT RPDB |
| | | RPDB TOH_Gau_Consult |
| | | TOT _GUA_GOTBUIL |

| # | Project Title | ICES Data |
|-------|--|--|
| Tr. | Influenza vaccine effectivenessagainst cardiovas cularoutiomes among older adults in Ontario | DN PCCF CCRS CCRS CORR DAD DAD DAD DAD DAD DAD DAD DAD DAD D |
| 25 | Influenza vaccines, statins, and laboratory-confirmed influenza outcomes in older adults: can vaccines and statins reduce the burden of influenza? | DIN PCCF CCRS CCRR DAD DAD DAD DAD DAD DAD DAD DAD DAD D |
| צה אר | Informing the development of revised stragies for cervical screening in Ontario | LHN CCCF CCRS DAO HCD NACRS OB OB OB CHPRS OBS CENSUS CONTACT RPDB MS CCOCCO COMMAN CCC CCC CCC CCC CCC CCC CCC CCC CCC C |
| 74 | hital experience with percutanœuslettatrial appendage occlusion devices in Ontario, Canada | DN PPCCF REF DAD NACRS OOB OHIP SUB |
| | Initiation of prescription opioid treatment for non-cancerpain and time to opioid-related addiction in Ontario: Apopulation-based study | CPDB PDB PDB PDB PDB PDB PDB PDB PDCF REF RST AVGRREE ESTSC6 DD DD MACRS NRS OOB CHIP SUS SUS AQTHMA AQTHMA COPD COPD HYPER OCCC OCD OCAD ORAD ORAD ORAD ORAD ORAD ORAD ORAD OR |
| 76 | Injuries from Motor-vehicles and Prior Adjuvant Chemotherapy Termination | DAD NACES OB OB OHIP SDS RPPB OCR |

| # | Project Title | ICES Data |
|----|---|--|
| 73 | Project Title Institutional, provider, and patient factors related to overtriage of the Yauma patient NTEGRATE Model of Palliative Care - Value Assessment | PDB LIN INST CCRS DAD DAD NACRS NRS OBB OHIP R NRS OTB AVGBRIG OTR AVGBRIG OTR AVGBRIG OTR ATGBRIG OTR ATGBRIG ONHARS SISS SISS SISS SISS SISS SISS SISS S |
| | | DN HOPPRES STOPRIC E CCRS DAD HOD NACRS NRS NRS NRS NRS NRS NRS NRS NRS NRS N |
| 79 | Intentional Injuries: Prevalence, Patterns and Prevention Strategies | PDB DN LHIN PPCOF REF REF COCKS COKS COKS COKS COKS COKS COKS COK |

| # | Project Title | ICES Data |
|-----|--|-----------------------------|
| | Interdisciplinary Glaucoma Care | CCRS |
| | | CCRS CORR DAD |
| | | NACRS ODB |
| | | ODB |
| | | OHIP CHF |
| | | HYPER ODD |
| | | ODD OMD CONTACT |
| | | RPDR |
| | | RPDB ASTHMA |
| | | COPD HYPER |
| | | OMID |
| | | |
| 721 | Inter-facility Transport of Critically II Children in Ontario | OHIP ASTHMA |
| | | ASIHMA |
| | | |
| 722 | International approaches to high-cost patients | IHIN |
| | and the state of t | LHIN CCRS |
| | | DAD HCD NACRS |
| | | NACRS |
| | | NRS ODB |
| 1 | | OHID |
| | | OMHRS SDS |
| 1 | | ASTHMA |
| | | CHF |
| | | COPD HYPER |
| | | ODD OMID |
| | | RPDB |
| | | ADP OCR |
| | | |
| | | Drug Product Database (DPD) |
| 723 | International comparisons of CV outcomes | CPDB IPDB |
| | | DIN |
| | | LHIN PCCF |
| | | INST |
| | | AVGPRICE ESTSOB |
| | | CCRS |
| | | DAD |
| | | HCD HOBIC |
| | | NACRS NRS |
| | | ODB |
| | | OHIP |
| | | SDS CENSUS |
| | | RPDB ERCLAIM |
| | | 0001 |
| | | ONMARG ETHNIC |
| 1 | | ALR |
| 1 | | cic |
| 1 | | NDFP OCR ESAS |
| | | ESAS |
| 1 | | gepath |
| 1 | | |
| 74 | Interprofessional teams ervice delivery within Ontario Community Health Centres (CHCs) | CPDB |
| | 2. J. Commission and Commission of Commissio | CPDB IPDB LHIN |
| 1 | | LHIN PCCF |
| 1 | | REF |
| | | DAD NACRS ODB |
| 1 | | ODB |
| 1 | | OHIP SDS |
| 1 | | A S THM |
| 1 | | A CHF COPD |
| | | HYPER ODD |
| 1 | | ODD CENSUS |
| 1 | | CENSUS POP RPDB |
| | | RPDB CAPE |
| | | CIC |
| 1 | | getacg data_chc |
| | | uata_cric |
| 1 | | |

| # | Project Title | ICES Data |
|-----|---|--|
| 75 | Interprofessional team-based primary health care for patients with complex health and social needs: impact on health services utilization | CPDB IPDB |
| | | DAD NACRS |
| | | OHIP |
| | | ASTHMA CHF |
| | | COPD HYPER |
| | | ODD CENSUS |
| | | RPDB CAPE |
| | | ONMARG CHC |
| | | %eetacg DIN ODB |
| | | OUB |
| 726 | Interprofessional Teams Access Gapsin Care | CPDB IPDB |
| | | LHIN PCCF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHMA CHF COPD |
| | | HIV HYPER |
| | | MOMBABY ODD |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | HCES CAPE GAPP |
| | | CIC |
| | | OBSP OCR |
| | | PHYSNET CHC |
| | | CBI NMS Neighbourhoo |
| | | d crosswalk PCPOP |
| | | AVGPRICE ESTSOB |
| | | CCRS |
| | | HCD NRS ADP |
| | | ADP OCCI OHCAS |
| | | Toronto Neighbourhood Postal Code Crosswalk File |
| U | Interprofessional Teams in the Context of Payment Reform: Selection Factors and Association with Access to Care and Health Care Utilization | CPDB IPDB |
| | | LHIN PCCF |
| | | DAD NACRS OHIP |
| | | OMHRS |
| | | ASTHMA CHF COPD |
| | | HYPER ODD |
| | | CENSUS CONTACT POP |
| | | POP RPDB HCES |
| | | HCES CAPE PCPOP |
| | | PCPOP |
| 728 | Interrupted time series analysis of the effects of hospital funding reforms in Ontario: a population-based retrospedive colorits tudy | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST CCRS |
| | | CORR DAD |
| | | HCD NACRS |
| | | NRS ODB OHIP |
| | | OMHRS SDS |
| | | ASTHM A CHF COPD |
| | | HYPER |
| | | ODD OMID |
| | | ORAD CENSUS |
| | | CONTACT POP |
| | | RPDB HCDMOH ONMARG |
| | | OMMARG OCR ORGD |
| | | |
| 729 | Interventions to SupportLong-Term Adherence and Decisess Cardiovascular Events Post-Myocardial Infarction | IPDB PCCF |
| | | CCRS |
| | | DAD HCD NACPS |
| | | NACRS NRS ODB |
| | | OHIP |
| | | SDS ASTHMA |
| | | COPD ODD |
| | | RPDB ADP |
| | | CAPE ONMARG |
| | | CCN CIC |
| | | ISLAND |
| | | |

| | Project Title | ICES Data |
|-----|---|--|
| 730 | Intestinal ischemia and abdominal emergencies after cardiac surgery in Ontario – prevalence, severity, and clinical outcomes | IPDB LHIN PCCF |
| | | PCCF REF |
| | | INST |
| | | DAD NACES NRS |
| | | OHIP |
| | | SDS ODD |
| | | RPDB |
| | | |
| 731 | Intracranial metastatic disease in the era of targeted therapies | RPDB ALR |
| | | OCR NDFP |
| | | DAD |
| 70 | Intraseason waning of influenza vaccine effectiveness | PCCF |
| | | CCRS CORR |
| | | DAD HCD |
| | | NACRS ODB OHIP |
| | | SDS |
| | | ASTHM A CHF |
| | | COPD HIV |
| | | ODD CONTACT RPDB |
| | | OCR |
| | | FLUSHOT ORRS |
| | | |
| 753 | Intravenous drug use and trends in infectious endocarditis | IPDB LHIN PCCF |
| | | REF |
| | | INST CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS CENSUS |
| | | CENSUS |
| | | CONTACT POP RPDB |
| | | |
| 70 | hvestigating adverse outcomes in children from Sarnia, Ontario's chemical valley | CRDR |
| 134 | #IVES#gamig adverse outcomes#i childrenii oni Sarna, Oniano's chemica valley | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | AVGPRICE |
| | | ESTSOB CCRS DAD |
| | | HCD NACRS |
| | | |
| 1 | | NRS ODB |
| | | ODB |
| | | ODB OHIP OMHRS RAICA |
| | | ODB OHIP OMMRS RAICA RAIHC |
| | | COB OHIP OMHRS RAICA RAHC SOS CENSUS CONTACT |
| | | COB CHIP CMHRS RACCA RAMPA CENSUS CONTACT RPDB |
| | | COB OHIP OMHRS RAICA RAHC SOS CENSUS CONTACT |
| | | COB CHIP CMHRS RACCA RAME CENSUS CONNACT RPDB ALR NDPP |
| 75 | Investigating antibiotic use and antibiotic resistant rates in Spinal Cord Injury Populations | COB COBINGS COMPAS RACA RACA RACA RACA RACA RACA RACA RA |
| 75 | Investigating antibiotic use and antibiotic resistant rates in Spinal Cord Injury Populations | COB CHIP COMPRS RAICA RAICA RAICA RAICA CENSUS CONTACT RPDB ALR NDEP COR DN REF DAD DAD DAD DAD |
| 75 | Investigating antibiotic use and antibiotic resistant rates in Spinal Cord Injury Populations | COB CHIP COMPRS RACCA RAME RACCA RAME CENSUS CONTACT RPDB ALR NDFP CCR DN REF DAD NACRS NRS |
| 75 | Investigating antibiotic use and antibiotic resistant rates in Spinal Cord Injury Populations | COB COBPR CHIPS FAICA RAINC SIDS CONTACT RYDB NOPP COCR DN REF DAD NACRS NRS NRS COBPB |
| 75 | Investigating antibiotic use and antibiotic resistant rates in Spinal Cord Injury Populations | COB COBI COBINGS COMPAS COMPAS COMPAS CONSUS CONTACT RYDB ADDP COCR DN REF DAD NACRS NRS ORB COB BPDB GUS COR COB BPDB GUS COS COB BPDB GUS COS COS COS COS COS COS COS COS COS CO |
| 75 | investigating antibiotic use and antibiotic resistant rates in Spinal Cord Injury Populations | COB COBING COMPAS COMPAS COMPAS COMPAS COMPAS CONSUS CONTACT RPDB ALR NOIPP CCR DN REF DA MACRS MAS MACRS MAS MACRS MAS MAS MACRS MAS GHIP RPDB GOMPAS RPDB GOMPAS RPDB GOMPAS RPDB GOMPAS RPDB GOMPAS RPDB RPDB |
| | | COB COB COBINGS COMPAS COMPAS COMPAS COMPAS CONTACT RYDB ALC DIN REF |
| | Investigating antibiotic use and antibiotic resistant rates in Spinal Cord Injury Populations Investigating health care utilization and health outcomes among transgender individuals in Ontario | COB COB COMPRS COMPRS COMPRS COMPRS CONSUS CONTACT RPDB ALR NOIP COR DIN REF |
| | | COB COB COHRES COMMENT |
| | | COB COBING COMPAS COMPAS RACA RACA RACA RACA RACA RACA RACA RA |
| | | COB COB COBINGS COMPAS COMPAS CONTACT RYDB ADDP COCR DN REF DAD NACRS NRS COB EMPC LIMP COB |
| | | COB COBINES CANTROL CONTROL CO |
| | | COB COBINES CAMPAS CAMPAS CAMPAS CAMPAS CAMPAS CONTACT RYDB ALR DA ALR D |
| | | COB COBP CHIPRS CHIPRS FALCA RAJEC SDS CCNTACT RYDB ADDP CCR DN REF DAD NACRS NRS COBP RPDB CUB EMRPC LINI LINI LINI LINI LINI LINI LINI LI |
| | | COB COBINGS CAMPAS CAMPAS CAMPAS CAMPAS CONTACT RYDB ADDP COCR DN REF DAD NACRS NRS COB EMPC DAD NACRS NRS COB CUS EMPC DAD NACRS COB CUS EMPC DAD DAD ADDP COCR COB COB COB COB COB COB COB COB COB CO |
| | | COB COBPS CHIPS CHIPS CHIPS CHIPS CHIPS CHIPS CONTACT |
| | | COB COBINES CAMPAS CAMPAS CAMPAS CAMPAS CONTACT RYDB ADDP COCR DN REF RAD NACRS NRS COB CHIP BAD COB CHIP COB |

| # | Project Title | ICES Data |
|------------|--|------------------------------|
| T II | hvestigating health service utilization among retirementhome residents in Ontario, Canada | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF CCRS |
| | | DAD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHM A CHF |
| | | A CHF COPD |
| | | HYPER ODD |
| | | OMD ORAD |
| | | CENSUS |
| | | CONTACT RPDB |
| | | CAPE ONMARG DEMENTIA |
| | | RHRA |
| | | OCCC OCR |
| | | |
| 738 | hvestigating survival, mortality, and avoidable death due to high mortality cancers in Ontario | PCCF DAD |
| | | NACPS |
| | | OHIP SDS CONTACT |
| | | RPDB |
| | | ALR NDFP |
| | | OCR |
| | | ORGD POP |
| 759 | Investigation of diagnostic, treatment and health service utilisation outcomes of patients with breast disease in Ontario | REF IPD B |
| | | DAD |
| | | OHI P |
| | | SDS CONTACT |
| | | RPDB |
| | | ALR OCR |
| | | PCCF POP |
| | | ODB NDFP |
| 740 | hvestigation of newborn screening markers and other birth characteristics for the prediction of neonatal sepsis, birth a sphyxia and death | ORGD ORGD |
| Pil. | and the second second markets and the second second second second second in the second | |
| 741 | hvestigation of the Effect of Maternal Weighton Pediatric Health Service Utilization | IPDB DIN |
| | | LHIN |
| | | PCCF REF |
| | | CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | RAICA RAIHC |
| | | CHF COPD |
| | | HYPER |
| | | ODD CENSUS |
| | | CONTACT RPDB |
| | | CAPE HSII |
| | | AVGPRIŒ ESTSOB CONTACT |
| | | CONTACT |
| | In Congress Scaling During the Second Organ of Labor to control with house of District Martin With In Congress of | CPDS |
| 7/2 | is Caesarean Section During the Second Stage of Labor Associated with increased Risk of Preterm Birth in Subsequent Pregnancy? | IPDB |
| | | DAD OHIP |
| | | SDS MOMBABY |
| | | ETHNIC BORN |
| | | HYPER ODD |
| | | |
| 76 | is epidural use during labor associated with a reduced risk of post-partum depression? | IPDB DIN |
| | | LHIN |
| | | LHIN PCCF REF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP |
| | | OMHRS SDS |
| | | MOMBABY ODD |
| | | CENSUS CONTACT POP |
| | | RPDB |
| | | ONMARG ORGD |
| | | BORN |
| | | |
| 74 | Is ExposuretoAntenatalContcosteroidsDuringPregnancyAssociatedwithAdverseNeurodevelcpmentalOutcomesinInfantsBornDuringtheLate- | IPDB OHIP |
| | Pretermand Term Period? | OTILE MOMBABY RPDB |
| | | BORN |
| | | DAD |
| lacksquare | | |

| ONMARG |
|--------|
|--------|

| # | Project Title | ICES Data |
|------------|---|----------------------------------|
| 746 | is the receipt of inpatient palliative care associated with continuity to community palliative care after discharge? | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | CCRS CPRO |
| | | DAD HCD NACRS |
| | | NRS |
| | | ODB OHIP OMHRS |
| | | RAICA RAIHC SDS |
| | | ASTHM A CHF |
| | | COPD HYPER |
| | | OCCC ODD OM/D |
| | | ORAD CENSUS |
| | | CONTACT POP RPDB |
| | | RPDB DEMENTIA ORGD |
| | | OCR OCR |
| | | |
| 747 | John Howard Poverty Reduction Project | PCCF INST |
| | | DAD NACRS |
| | | ODB OHIP OM/HRS |
| | | OMHRS ASTHMA CHF |
| | | COPD HIV |
| | | HYPER OCC |
| | | ODD OMD ORAD |
| | | RPDB ONMARG |
| | | NMS ORGD |
| <u> </u> | | Reintegration Centre Client Data |
| 78 | Joints tatistical models for simultaneously predicting functional status and symptom burden amongpatients with cancer | CPDB LHIN PCCF |
| | | REF AVGPRICE |
| | | ESTSOB DAD |
| | | HCD NACRS ODB |
| | | OHIP |
| | | RAICA RAIHC ASTHM |
| | | A CHF COPD |
| | | HYPER ODD OMD |
| | | OMID ORAD CENSUS |
| | | RPDB CAPE |
| | | ORGD ALR OCR |
| | | ESAS No |
| | | official name |
| | | |
| 79 | Kawasaki disease and the riskofchronicimmune-mediated inflammatory conditions (IMIDs) in children | IPDB DIN |
| | | LHIN PCCF |
| | | INST DAD |
| | | NACRS OHIP SDS |
| | | SDS ASTHM A CHF OCCC |
| | | ODD |
| | | OMID ORAD CENSUS |
| | | CONTACT POP RPDB |
| | | RPDB MOMBABY |
| 3 0 | Kennra (leveliracetam) I se in Ontarin | PDB |
| au au | Keppra (leveliracetam) Use in Ontario | DAD NACRS OHIP |
| | | OMHRS |
| | | RPDB ONMARG |
| | | |
| 751 | Kidney function and the effectiveness and safety of directoral anticoagulant the rapy in atrial fibrillation | IPDB DIN |
| | | LHIN PCCF |
| | | REF CORR DAD |
| | | NACRS ODB |
| | | OHIP SDS CHF |
| | | COPD |
| | | HYPER ODD OMID |
| | | CONTACT RPDB |
| | | GDML OLIS |
| | | |
| 752 | Kidney graftloss in female recipients of male kidneys: The effect of pre-transplant pregnancy (HYAb02) | HYPER ODD |
| | | TGLN |
| | | |

| Security states the security states and security states are securi | Social processor in terminal recipionis of minist individual processor in terminal recipionis of minister individual processor in terminal recipionis of ministers in the control of programmy (MRRAD) Social processor in the control of processor i | # | Project Title | ICES Data |
|--|--|-----|--|--|
| Modes of the state and a hyperfective districts of colored districts and colored distr | Address Residue of Programmers and Secretar of Programmers Address Residue of Programmers of Secretary of Programmers Address Residue of Programmers of Secretary of Programmers Address Residue of Programmers of Secretary of Programmers Address Residue of Programmers o | | | REF |
| Record of the content of the conte | OSPACE TO CONSCIT CONS | | | NACRS |
| Both procedure a hypertension and activate of programmy and activate of programmy and activate of the process of the proc | Proceedings Process | | | OHIP MOMBA BY |
| Software that a hyperministic disease of programmy Software that a hyperministic disease of the College of programmy disease programmy Software that a hyperministic disease of the College of programmy disease programmy Software that a hyperministic disease of the College of programmy disease programmy Software that a hyperministic disease of the College | Society transplant refer a hypertensive disorder of pregnatory Policy | | | RPDB |
| State Stat | Social plane Social process Social | | | HYPER |
| Policy knowpour during the process of the control of the cont | Model Mo | | | |
| Policy knowpour during the process of the control of the cont | Model Mo | 74 | Kidney health after a hypertensive disorder of gregnamy | IPDB |
| ### Control of Section Principles and Section Section Section (Section Section | S Notiney transplantine for rain indicators for Chitario chronic kidney do ease a page ans S Notiney transplantine for rain indicators for Chitario chronic kidney do ease a page ans S Notiney transplantine for rain indicators for Chitario chronic kidney do ease a page ans S Notiney transplantine for rain indicators for Chitario chronic kidney do ease a page ans S Notiney transplantine for rain indicators for Chitario chronic kidney do ease a page ans S Notiney transplantine for rain indicators for Chitario chronic kidney do ease a page ans S Notiney transplantine for rain indicators for Chitario chronic kidney do ease a page ans S Notiney transplantine for rain indicators for Chitario chronic kidney for rain indicators S Notiney transplantine for rain indicators for Chitario chronic kidney for rain indicators S Notiney transplantine for rain indicators for Chitario chronic kidney for rain indicators S Notiney transplantine for rain indicators for rain indicators for rain indicators S Notiney transplantine for rain indicators for | | Tradition and any position of all of a dispregnancy | CORR DAD |
| Adding tamplants for infocutors for Origina Chronic May Selease program Adding tamplants for infocutors for Origina Chronic May Selease program Adding tamplants for infocutors for control programs Adding tamplants for information fo | Social Processing | | | OHIP |
| Power Powe | S Kidney transplant referral indicators for Onterio chronic kidney disease programs CONTROL | | | MOMBABY |
| Making y transplants above indicates to Collect or Frontier Collects of Protect Acting of Seaso program Protection of Control of Contr | 8 Adiney transplant referral indicators for Omaro chronic kidney disease programs Const. Con | | | CONTACT |
| Solvey Passiphart derival des amongst Chatro treal programs Administrative A | B Address was plant referral trates amongst Order remail programs B Address variety v | | | |
| B Laboratory promitting billianing new rame originates a solidations or galantitions and brankfasters and approximate a solidation or galantitions and brankfasters and approximate and approx | DAG Side of the state of the st | 75 | Kidney transplant referral indicators for Ontario chronickidney disease programs | PCCF |
| B Observe a constraint of the contract of the | MACIG Signs Signs CONTACT Propose TOUR COST TOUR COST TOUR COST TOUR COST TOUR COST COST COST COST COST COST COST COST | | | REF CORR |
| B Video Variability Resident rights although Chart to tetal programe B Video Variability Resident rights although Chart to tetal programe B Video Variability Resident rights although Chart to tetal programs B Video Variability Resident Reside | S Kidney # ansplant referral rates amongst Orbanio renal programs B Kidney # ansplant referral rates amongst Orbanio renal programs CCP REF CCRR CCRR CCRR CCRR CCRR CCRR CCRR | | | NACRS OHID |
| B Workey's statisticated and reads actioning tit Creation retail programs COS | S Kidney transplant/refurral rates amongst Ontario renal programs S S Kidney transplant/refurral rates amongst Ontario renal programs S S S S S S S S S S S S S S S S S S S | | | SDS |
| Social | B Köney transplant referral rates amongst Onterior reral programs Popr | | | RPDB ORRS |
| B Mothey transplant returns rates amongst Orbital treal programs ### Control ### | B Ridney transplant referral rates amongst Ontario reral programs PCCF RCCR CCR | | | GDML |
| S Novividge to Action treproving board for agy for young women with breakfications S Laboratory monitoring following new renth engigers are adoption by germ Discission preactificing and associations with advient outcomes S Leboratory monitoring following new renth engigers are adoption by germ Discission preactificing and associations with advient outcomes S Leboratory monitoring following new renth engigers are adoption by germ Discission preactificing and associations with advient outcomes S Leboratory monitoring following new renth engigers are adoption by germ Discission preactificing and associations with advient outcomes S Leboratory monitoring following new renth engigers are adoption by germ Discission preactificing and associations with advient outcomes S Leboratory monitoring following new renth engigers are adoption by germ Discission preactificing and associations with advient outcomes S Leboratory monitoring following new renth engigers are adoption by germ Discission preactificing and associations with advient outcomes ON ACTION | REFERENCE CORR CORR CORR CORR CORR CORR CORR CO | | | OLIS |
| S Visionings to Action tegror ray boal fersity for young women with breakt center S Visionings to Action tegror ray boal fersity for young women with breakt center S Laboratory monitoring following new renni angitoman abdoatmone by sem blockade preactifions and associations with advisors outcomes S Leboratory monitoring following new renni angitoman abdoatmone by sem blockade preactifions and associations with advisors outcomes S Leboratory monitoring following new renni angitoman abdoatmone by sem blockade preactifions and associations with advisors outcomes S Leboratory monitoring following new renni angitoman addoatmone by sem blockade preactifions and associations with advisors outcomes S Leboratory monitoring following new renni angitoman addoatmone by sem blockade preactifions and associations with advisors outcomes S Leboratory monitoring following new renni angitoman addoatmone by sem blockade preactifions and associations with advisors outcomes October 1998 S Leboratory monitoring following new renni angitoman addoatmone by sem blockade preactifions and associations with advisors outcomes October 1998 S Leboratory monitoring following new renni angitoman addoatmone by sem blockade preactifions and associations with advisors outcomes October 1998 S Leboratory monitoring following new renni angitoman addoatmone by sem blockade preactifions and associations with advisors outcomes October 1998 S Leboratory monitoring following new renni angitoman addoatmone by sem blockade preactifions and associations with advisors and associations and associations with advisors and associations and associa | REFERENCE CORR CORR CORR CORR CORR CORR CORR CO | - | Kidnay transplant raferral rates amongst Ontario ramil programs | BCCE. |
| Some | CORR DATE DATE DATE CHIP DO STATCT RPDE CHIP DO STATCT RPDE CRRS TIGHA CORR CORR CORR CORR CORR CORR CORR COR | at | nwing a anapiantroion dit dies diffulgst Official io tetal programs | REF CCRS |
| S Noveledge in Action: Improving local transpy for young woman with freedoctance! | MACES GWB GWB GWB GWB GONTACT RPDB GONA CCRS PDB GONA CCRS GWB GWB GONA CCRS GWB | | | CORR DAD |
| E Moveledge to Action: Reproving local floragy for young women with breat cancer Substitution of the Action Reproving local floragy for young women with breat cancer Substitution of the Action Reproving local floragy for young women with breat cancer Substitution of the Action Reproving local floragy for young women with breat cancer Action Reproving Substitution of the Action Reproving Re | CONTACT HIPDE OCIDAL PDB COME PDB COME PDB COME COME COME COME COME COME COME COME | | | NACRS OHIP |
| Discontinued of the control of the c | S Knowledge to Action: Improving local therapy for young women with breast cancer S Knowledge to Action: Improving local therapy for young women with breast cancer Alberta Heath Sevices Heath Information | | | CONTACT |
| Roowbedge to Action. Improving local ferracy for young women with breast cancer Abrid I had Service Notify the Service Notify the Service Notify Hamiltonian (Control of Service Notify Hamiltonian (Control of Service Notify Monitoring bibliowing new renin angiversin additions and associations with adverse outcomes Room of Service Notify Monitoring bibliowing new renin angiversin additionable precipitions and associations with adverse outcomes Room of Service Notification (Control of Service Notification | GOM. CCRS CCRS CCRS CCRS CCRS CCRS CCRS CCR | | | ORRS |
| S Nowledge to Action. Improving local flerings by young women with breast-cancer | CCRS COB CUS COR CUS CCR To Knowledge to Action: Improving local therapy for young women with breast cancer Abeta Heath Services Health Information DAD COB ORI MARKABY RPDB To Laboratorry monitoring following new renin-angistensin-aidosterone system blockade prescriptions and associations with adverse outcomes CPDB IPDB INDB INDB INDB INDB INDB INDB INDB IN | | | IGLN IPDB |
| S Caberabor Improving local Paragoy for young women with breast cancer Adata Hamil Senous Hash Internation | S Knowledge to Action: Improving local therapy for young women with breast cancer Alberta Health Services Health Information | | | CCRS |
| Somewholding to Action Improving board herapy for young women with breast cancer Alexa New Service | S Knowledge to Action: Improving local therapy for young women with breast cancer Albesta Health Services Health Information | | | OUS OCR |
| Back Labelab | Albeta Heath Services Heath Information Stabetalol and Risk of Postpartum Depression DAD OBD OBD OBD OBD OBD OBD OBD OBD OBD OB | | | |
| B Laboratory monitoring bits wing new rennr angles in aldowerone system block ada prescriptions and associations with adverse outcomes S Laboratory monitoring bits wing new rennr angles in aldowerone system block ada prescriptions and associations with adverse outcomes ON PCT REPROSE CORR NAMES SSS SSS SSS SSS SSS SSS SSS SSS SSS | Labetaloland Risk of Postpartum Depression DAD COB P P MoMeABY RPDB DEPOS DE | চা | Knowledge to Action: Improving local therapy for young women with breast cancer | Alberta Hank Cardena Hank Managara |
| B Laboratory monitoring following new renin-engateman eldoserone by them blockade prescriptions and associations with adverse outcomes Proposition of the propositio | COB CORI CORI CORI CORI CORI CORI CORI CORI | 78 | Lahatahland Risk of Phethartum Denrassion | |
| Laboratory monitoring following new renin engittensin aldoserone system blockade prescriptions and associations with adverse outcomes Cross District Core Ref Available Ref Ref Available Ref Ref Ref Ref Ref Ref Ref Ref Ref Re | ADMARAY RPDB To Laboratory monitoring following new renin-angidens in akdosterone system blockade prescriptions and associations with adverse outcomes CDB PDB PDB LINN PCCF REF AVGENGE CCRS CCRR DB HCD NACRS NRS ODB CHIP CWHRS SER SER SER SER SER SER SER SER SER S | | Edebalaria No. Or osqui am osprosour | ODB OHI |
| Lab oratory monitoring billowing new renin engitions in altitodecrone system block disprescriptions and associations with adverse outcomes by the proof | Laboratory monitoring following new renin-angidensin-akdosterone system blockade prescriptions and associations with adverse outcomes CPDB IPDB DIN PCCF REF AVGPRG CCRS CCRR DIDD NACRS NRS OOB OHIP CWHRS SIS SIS CONSACT RPDB ADP CAPE GAPP GAPP GAPP GAPP GAPE GAPP GAPE GAPP GAPE GAPC GRM | | | MOMBABY |
| The Late Me depression is Ontario The Late Me depr | DIN LINE LINE REF REF AVOPROE CCRS CORR DAD HACRS NRS COB OB OHP CAMES SSS CONTACT RPDB ADP CAPE GAPP GAPE GAPE GAPE GAPE GAPE GAPE G | | | RPDB |
| The Late Me depression is Ontario The Late Me depr | DIN LINE LINE REF REF AVOPROE CCRS CORR DAD HACRS NRS COB OB OHP CAMES SSS CONTACT RPDB ADP CAPE GAPP GAPE GAPE GAPE GAPE GAPE GAPE G | 759 | Laboratory monitoring following new renin angidens in aldosterone system blockade prescriptions and associations with adverse outcomes | CPDB IPDB |
| REF ACOPRIS OCRR DAD DAD NACIS NAS OCR OCH | REF AVGPRICE CCRS CCRS CDAD DAD HCD NACRS NRS COB CHIP COMERS SE | | | DIN LHIN |
| CCRR CDAD DAD HCD NACRS NOB CORP COMPS COMP COMPS CONTACT RYDB ADP COCI COCI COCI COCI COCI COCI COCI COC | CCRS CCRR DICT DICT DICT DICT NACRS NRS ODB OHIPR SS ESS SS ESS CONTACT RPDB ADP CAPE GAPE GAPE GAPE GRAPI GRAD GRAD GRAD GRAD | | | REF |
| B | DAD HCDS NACHS OHIP OMHRS SIGS CENSUS CENS | | | CCRS |
| NACES NES NES NES NES NES NES NES NES NES N | NACRS NRS ODB OHP OHRS STORE CENSUS CENSUS CENTROT RPDB ADB OAPE OAPP OCCI ORGD GRML | | | DAD |
| COB | COB OHIP OHIPS SIS SIS CENSUS CENSUS CONTACT RADB ADP COP CAPP OCCI ORGD GMM. | | | NACRS |
| SISS CENSUS CENS | SDS CENSUS CONTACT RPDB ADP CAPE GAPP OCCI ORGD GRML | | | ODB |
| RPDB ADP CAPP CAPP CAPP CAPP CAPP CAPP CAPP | RPDB ADP CAPE CAPE CAPE CCFI CCFI ORGO GRML | | | OMHRS SDS |
| ADP CAPE GAPA GAPA GAPA GAPA GAPA GAPA GABA GABA | ADP CAPE GAPP OCCI ORGO GRM | | | CENSUS CONTACT |
| Till Late life depression in Ontario CPDB IPDB PCOF AVGPROE ESTSOB CCRS DECORS ON NACRS NAS OOB OHIP OWNERS SENSE CONTACT POP RPDB CAPE GAPP OWNERS SENSE CONTACT POP RESERVED TO THE POP RPDB CAPE GAPP OWNERS SENSE CONTACT POP RESERVED TO THE POP | OCCI ORGD GDML | | | ADP |
| ORGD GOML OLIS IN Late life depression in Ontario PDB PDB PCCF AVGREE ESTSOB CCRS ON ACRES NRS CORS ON ACRES NRS CONTACT PCP PCP PCP PCP PCP PCP PCP PCP PCP P | ORGD GOM | | | GAPP OCCI |
| The state of the depression in Ontario Depth Property And Property An | cus | | | ORGD GDML |
| #PDB PCCFRCE RETRIG PCCFRCE RETRIG BAD HCD MACRS NRS OOB OHP OHP OF RETRIG CONTACT POP RETRIG | | | | ous |
| AVGPRICE ESTSCB CCRS DAD HD | To Late life depression in Ontario | 750 | Late life depression in Ontario | CPDB IPDB |
| E \$1508 CCRS DAD HCD MACRS NOB ORB ORB ORB CRIP OAMHRS SDS CENSUS CONTACT POP R P DDE CAPP OAMRG NAS NAS ORGD CCHS OARP OAMRG NAS ORGD CCHS P-CPOP gestorg II Length of Initial Prescription at Hospital Discharge and Long-term Medication Adherence Study for Elderly Patients Post-Myocardal Infarction INST MSS | AVGPRICE | | | AVGPRŒ |
| DAD HCD NACRS | E STSOB CCRS | | | ESTSOB CCRS |
| NRS OOB OHP OMHRS SIDS CENSUS CONTACT POWER POWER CONTACT POWER | DAD | | | DAD |
| OHIP OWHERS SISS CENSUS CENSUS CONTACT P.D.D. R.D. R.D. R.D. R.D. R.D. R.D. R. | NRS | | | NRS |
| SOS CENSUS CONTACT POP RODE GAP GAP COMMARG NAS ORGO CCHS P_CPOP gettog The Command of the comm | COB CHIPPO | | | ONN DE CONTROL ON DE CONTROL O |
| CONTACT POP RPDB CAPP ONMARG NAS ORGD CCHS PCPOP getting The population of Initial Prescription at Hospital Discharge and Long-term Medication Adherence Study for Elderly Patients Post-Myocardal Infarction RST MSS MSS | SDS | | | SDS |
| RPDB CAPE GAPRG OAPRG WAS BE CAPE GAPRG OARD CCHS PCPOP gestor BE Length of Initial Prescription at Hospital Discharge and Long-term Medication Adherence Study for Elderly Patients Post-Myocardal Infarction MSS MSS | CONTACT POP | | | CONTACT POP |
| NAS ORGD CCHS PCPCPP getacg The Length of Initial Prescription at Hospital Discharge and Long-term Medication Adherence Study for Elderly Patients Post-Myocardal Infarction NST MCSS | RPDB CAPE | | | RPDB CAPE |
| NAS ORGD CCHS PCPCOP getacg The Length of Initial Prescription at Hospital Discharge and Long-term Medication Adherence Study for Elderly Patients Post-Myocardal Infarction MST MSS | GAPP COMMAR G | | | GAPP ONMARG |
| PCPOP getacg The Length of Initial Prescription at Hospital Discharge and Long-term Medication Adherence Study for Elderly Patients Post-Myocardal Infarction MSS MSS | NMS ORGD | | | NMS ORGD |
| The Length of Initial Prescription at Hospital Discharge and Long-term Medication Adherence Study for Elderly Patients Post-Myocardal Infarction MSS MSS | PCPOP | | | PCPOP |
| MCSS | 95003 | | | ilensood |
| MCSS | To Length of Initial Prescription at Hospital Discharge and Long-term Medication Adherence Study for Elderly Patients Post-Myocardal Infarction | | Length of Initial Prescription at Hospital Discharge and Long-term Medication Adherence Study for Etterly Patients Post-Myocardal Infarction | INST |
| | MCSS | 761 | | |
| | | 761 | | MCSS CHC |

| # | Project Title | ICES Data |
|-----|---|---|
| R | Leveraging EMRs and Health Administrative Data to Evaluate Patent Care and Outcomes in OA (EMRALD - OAbridge gant 2 - patterns of care) LeveRaging routinEly collected heAlth data to enhanCe veteran andfamily Health (REACH) | CPDB PDB DN LDN LDN LDN LDN LDN LDN LDN LDN LDN |
| ras | Leveraging totality coecied nevarious a femalice veeral and amily neural (KERCH) | UNIN PCCF NST CCRS DAD DAD DAD DAD DAD DAD DAD DAD DAD DA |
| | Leveliracelam and the risk of acute kidney injury and other adverse outcomes | PDB DN LHIN LHIN PRF PEF REF ROT CORR DAD NACES OHIP SDS CENSUS CENSUS CENSUS CENSUS CENSUS CENSUS CENSUS CENSUS CONTACT PPPDB GOMA OUS AVOPREE ESTICOS CENSUS CENSUS CENSUS CENSUS CENSUS CENSUS CONTACT PPPDB GOMA OUS AVOPREE ESTICOS CENSUS |
| 五 | Life expectancy and health behaviours for Public Health Units | PDB LINN PCCF AVGPRŒ ESTSOB CCRS DAD MCRS MCRS MCRS MCRS MCRS MCRS MCRS MCRS |

| 766 | Limb Loss in Peripheral Artery Disease | IPDB DIN |
|-----|--|--------------|
| | | DIN |
| | | LHIN |
| | | PCCF |
| | | INST |
| | | DAD |
| | | NACRS |
| | | NRS |
| | | ODB |
| | | OHIP |
| | | OMHRS |
| | | SDS. |
| | | SDS CHF |
| | | COPD |
| | | HYPER |
| | | ODD |
| | | CENSUS |
| | | POP |
| | | |
| | | RPDB ORGD |
| | | ORGD |
| | | CIC |
| | | HCD |
| | | |
| | | AVGPRŒ |
| | | ESTSOB |
| | | CCRS |
| | | HCD ADP |
| | | ADP |
| | | CAPE |
| | | GAPP |
| | | OCCI |
| | | OHCAS |
| | | |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|---|
| 767 | Linkage of the Rick Hansen Spinal Cord Injury Registry (RHSCIR) to Health Administrative Data in Ontario | LHIN PCCF |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RPDB ADP |
| | | Rick Hansen Spinal Cord Injury Registry (RHSCIR) |
| TE | Linkage of whole genome sequencing and administrative health data for the study of autisms pectrum disorder - Clinical and genomics data | CPDB IPDB |
| | | PCCF REF |
| | | INST DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHIMA OCC |
| | | ODD CENSUS |
| | | CONTACT RPDB |
| | | CHF COPD |
| | | HYPER OMD |
| | | POND Clinical Data |
| 79 | Linkage of whole genome sequencing and administrative health data for the study of autism spectrum disorder | POND Clinical Data - OBI Identifier CPDB |
| | • • | IPDB PCCF |
| | | REF INST |
| | | DAD HCD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | OCC ODD |
| | | CENSUS CONTACT |
| | | RPDB EMRALD |
| | | |
| 770 | Linking EMR with Administrative data: The Impact of Interprofessional Primary Care teams on Diabetes and Health Care Utilization | CPDB |
| | Emiliary Emiliary and a serior data. The impact of the protection in the serior and the serior data of the s | CPDB IPDB REF |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | CHF ODD |
| | | ODD RPDB CAPE |
| | | CPCSSN (Canadian Primary Care Sentinel Surveillance Network |
| 771 | Linking Laboratory and Administrative Data to Evaluate Influenza Vaccine Effectiveness in Elderly Adults | ORGD |
| | | |
| 772 | Linking laboratory and administrative data to evaluate influenza vaccine effectiveness in pregnant women | DAD NACRS ODB |
| | | ODB OHIP |
| | | SDS ASTHMA |
| | | CHF |
| | | HIV MOMBA BY |
| | | ODD RPDB |
| | | OCR flushot |
| | | ONMARG |
| 779 | Linking Laboratory and Administrative Data to Study Influenza and Influenza Vaccine Epidemiology | OUS |
| нэ | | |
| 774 | Liver disease after gestational diabetes | DAD OHIP |
| | | HYPER |
| | | MOMBABY ODD |
| | | RPDB ETHNIC |
| | | |
| 775 | Living kidney donor contacts across Ontario Chronic Kidney Disease Programs | CPDB |
| | | IPDB DIN |
| | | PCCF INST |
| | | CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS CHF |
| | | HYPER ODD |
| | | ORAD CONTACT RPDB |
| | | getacg |
| | | ĀDP DEMENTA OCR |
| | | OCR |
| | | |

| # | Project Title | ICES Data |
|---------|--|--|
| | Long Term Outcomes Among Adults Undergoing Transcatheter Patent Foramen Closure | DIN |
| | | LHIN PCCF REF |
| | | AVGPRŒ |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF |
| | | COPD HYPER MOMBABY |
| | | ODD OMD |
| | | CONTACT |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | OCCI OHCAS ORGD |
| | | |
| | | Transcatheter PFO Cohort |
| 777 | Long Term outcomes and Postoperative complications for patients with persistentor recurrent squamous cell carcinoma | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST |
| | | CCRS DAD |
| | | HCD NACPS |
| | | ODB OHIP |
| 1 | | SDS HIV |
| | | CONTACT RPDB |
| | | OCR ORGD |
| | | ALR NDFP |
| | | No.1 |
| 778 | Long termoutcomes of congenital heart defects | OLIS |
| | | |
| 79 | Long Term Outcomes Post Transcatheter Versus Surgical Atrial Septal Defect Closure in Comparison To General Population | |
| | | The Hospital for Sick Children database |
| 70 | Longitudinal healthcare resource use and costs of pediatric epilepsy and epilepsy surgery | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF |
| | | INST DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP RAIHC |
| | | SDS ASTHM |
| | | A CHF COPD |
| | | HYPER ODD |
| | | OMID CENSUS |
| | | CONTACT POP |
| | | RPDB |
| | | ADP CCHS |
| | | CIC |
| | | Pediatric drug resistant epilepsy |
| 761 | Long-term cardiov as cular outcomes following surgical treatment of congenital condruncal diseases | IPDB |
| | | REF INST |
| | | DAD NACRS |
| | | NACES OHIP SDS |
| | | RPDB ORGD |
| | | The Hospital for Sick Children Congenital Cardiac Surgery Database (CCSdb) |
| igspace | | |
| 702 | Long-term cardiov as cular outcomes in children with Kawasaki diseas α Apopulation - based cohorts tudy | PCCF REF |
| 1 | | AVGPRŒ ESTSOB |
| 1 | | CORR DAD |
| 1 | | NACRS OHIP |
| | | SDS HYPER |
| 1 | | MOMBABY ODD |
| | | OMD CENSUS |
| | | CONTACT POP |
| | | POP RPDB ETHNIC |
| | | ETHNIC ORGD |
| | | |
| 763 | Long-term care facility antibiotic use, inter-institutional patient movement, urine culturing practices, and C difficile infection rates | INST |
| 120 | g | CCRS DAD |
| 1 | | NACRS ODB |
| | | OHIP RPDB |
| | | PCCF |
| | | FOOF |
| | | |

| # | Project Title | ICES Data |
|---------------|---|---------------------------|
| 784 | Long-term exposure to line particulate matter components and common chronic diseases | DAD NACRS |
| | | ODB OHIP |
| | | SDS |
| | | ASTHMA CHF |
| | | COPD HYPER ODD |
| | | OMD CENSUS |
| | | CONTACT RPDB ONMARG |
| | | ONMARG |
| | | CCHS OCR |
| | | ORGD OPHECE |
| | | ETHNIC DEMENTA |
| | | CIC |
| 75 | Long-term health care costs and utilization attributable to hand trauma in Ontario | CPDB |
| | • | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | AVGPRŒ |
| | | STDPRIC E DAD |
| | | HCD NACRS |
| | | NRS |
| | | ODB OHIP OM/IRS |
| | | OMHRS SDS CENSUS |
| | | CONTACT |
| | | RPDB OTR |
| | | ESTSOB CCRS |
| | | ADP CAPE |
| | | GAPP OCCI OHCAS |
| | | OHCAS |
| - | Long-term health-gars recorreques, code, and mortality geografied with enough a population has advantaged a substitutive | IPDB |
| /80 | Long-term healthcare resourceuse, costs, and mortality associated with sepsis: a population-based retrospective cohort study | DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | AVGPRŒ ESTSOB |
| | | ESTAUB CCRS DAD |
| | | HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC SDS |
| | | ASTHMA CHF |
| | | COPD |
| | | HYPER ODD |
| | | OMD CENSUS |
| | | CONTACT RPDB |
| | | ADP CAPE |
| | | GAPP |
| | | OCCI OHCAS ORGD |
| | | OCR OCR |
| <u> </u> | | alor. |
| 767 | Long-term impact of COPD on postoperative cardiorespiratory morbidity and mortality: a population-based historic cohort study | INST CHC |
| | | |
| 78 | Long-term Metabolic complications after Liver Transplantation: New Onset Diabetes after Transplant | DIN |
| | | PCCF REF |
| | | CORR DAD NACRS |
| | | ODB |
| | | OHIP SDS |
| | | HYPER ODD |
| | | CONTACT RPDB |
| | | OCR |
| | | ORGD TGLN |
| | | |
| 769 | Long-Term Morbidity and Mortality Among Mothers and Siblings of Children with Cancer: A Population - Based Study Using Health Services Data | LHIN |
| | | INST DAD |
| | | NACRS |
| | | OHIP OMHRS BPDB |
| | | RPDB SDS HYPER |
| | | HIFEN |
| 790 | Long-Term Non-Oncologic Outcomes of Minimally Invasive versus OpenSurgery for Intra-Abdominal Malignancies | DAD |
| | | NACPS OHIP |
| | | RPDB ALR OCR |
| | | OCR |
| | | |
| $\overline{}$ | | |

| # | Project Title | ICES Data |
|-----|---|--|
| B | Project Title Long-term Outcomes after Pregnancy in Women with Heart Disease Long-Term Outcomes and Health Resource Utilization in Childrenwith Multicystic Dysplastic Kidney: A Population - Based Study | ICES Data PDB PDB PDB PDB PCF NST DAD NACRS OOB OOB OOB OOB OOB OOB OOB OOB OOB OO |
| 茂 | Long-term outcomes following emergency general surgery in the elderly | NACIS CHIP SDS MOMERARY CENSUS CONTACT CONTACT GOML CPDB AVGPRE STDPRIC E CCRS MORRS OCC ADP CAPE OHLOS OCCI CPDB PDB PDB HIN |
| | | LHIN INST ESTSOB CCRS CCRS DAD DAD HCD HCD HCD HCD HCD HCD HCD HCD HCD HC |
| 794 | Long-term outcomes of chronic opioid users after surgery | DAD NACIS OOB OOB OHIP RPDB RPDB STDPRIC E CCRS NAS OMHRS ADP ADP OMBO ONGD |
| | Long-term outcomes of endovascular versus open surgical regair of abdominal aortic aneurysms: a population based approach | DDB UHN NST DAD NACRS ODB GRIP ST |
| 藩 | Long-Term Outcomes of First Episode Psychosis: 10-Years After Admission to an Early Psychosis Intervention Program | LHIN PCCF DAD NACRS OBB CHIP COB CHIP COB CHIP COP ASTMA CHIP COPD HV HVPER CODD CENSUS RODD MCSCS Psevertion & Early Intervertion in Psychosis Plogram (PEPP) |

| # | Project Title | ICES Data |
|-----|---|--|
| F | Long-term outcomes of older adults undergoing major cancersurgery | LIBM PCCF RNST CCRS DAD HNCRS NRS ODB OHIP SDS CENSUS FORDS ROB GRAN ROB GR |
| 茂 | Long-term Outcomes of Pulmonary Hypertension After Trans catheter Closure of Afrial Septal Defect in Adults | DNI REF DAD NACRS ODB OHIP SDS CHP |
| | Long-term Outcomes of Transcatheter Closureof Atrial Septal Defectin Adult and Elderly Patients | DIN REF DAD NACRS COB COB CHB CHB CHF COPD HYPER ODD CMD CMD CMD CMS RPDB RPDB RPDB CHNSIS RPDB RPDB CHNSIS RPDB C |
| | Long-term Outcomes of Transcatheter Closureof Afrial Septal Defectin Patients with Moderate to Severe Functional Tricuspid Regurgiation | DIN REF DAD NACRS COB OHIP SIDS COPP COPP COPP COPP COPP CORD CAN CENSIS RPDB ORCO Transcatheter ASD cohot |
| 801 | Looking beyond administrative health care data: the role of SES in predicting future mental health and addiction high-cost patients | DIRIN PCCF AVCPRICE CCRS DAD HCD NACRS NRS ORS ORS OCHIE CENSUS SIS CENSUS RPDB ADP ONMARG CCHS GREP GREP GREP GREP GREP GREP GREP GREP |
| 超2 | Low Risk Birth in Ontario | LHIN PPCCF INST DATE OF THE PRCF INST DATE O |
| ##S | Low-emetogenic chemotherapy regimens | CPDB BPUN PCCF REF PCCF REF NST DAD NACES COB COB COB COB COB COB COB CONTACT RPDB CAPE COMMANG ETHING ALP ALP CORD COB COB CORD COB |

| # Project Title | ICES Data |
|---|--|
| 8 Lung Cancer Screening Pilotor People atHigh Risk (HRLCSP) | CPDB PPDB DN PPCF REF REF REF REF REF REF REF REF REF RE |
| Machine Learning for Population Health Risk Predication | AVOPRICE CCRS DAD HCRS MCRS MCRS MCRS MCRS MCRS MCRS MCRS M |
| Machine Learning Model Development for Prediction of Long Term Mortality and Functional Outcomes in the Rapid Response Activa tions | LHIN PCCF REF CCRS CCRS CCRS CCRS CCRS CCRS CCRS CCR |
| Machine learning models for diseaseclassification based on symptoms Machine learning models for diseaseclassification based on symptoms Machine learning models for diseaseclassification based on symptoms | CPDB PDB DN LPN LPN LPN LPN LPN REF REF RST CCRS DAD HCDC HACRS NAS COB COB COB CHIP RACRS ROS SOS AASTMM A CHF CCPD HYPER MOMORAR COCC COD CMM DOCA COCC COD CMM COCC COD COCC COD COCC COD COCC COD COCC COD COCC COD COCC COCC COD COCC CO |
| Machine Learning Techniques to PredictReadmis sions after Acute Coronary Syndrome Hospitalization | PDB DIN DIN DIN DIN PCCF REF NST DAD MACRS OWIP OWIP OWIP OWIP OWIP OWIP OWIP OWIP |

| # | Project Title | ICES Data |
|-----|---|--|
| 809 | Machine Learning Techniques to Predict Readmissions after Acute Coronary Syndrome Hospitalization - Random forest | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST DAD |
| | | NACRS |
| | | ODB OHIP OMHRS |
| | | SDS |
| | | ASTHM A CHF COPD |
| | | HIV HYPER |
| | | OCC ODD |
| | | OMD CENSUS |
| | | CONTACT RPDB |
| | | EFFECT EFFECT2 |
| | | EFFECIZ |
| 80 | Machine Learning to Predict Compensated Cirrhosis | CPDB |
| | machine Edulling & Frederick Inperiodical Chillips | IPDB DIN |
| | | LHIN |
| | | PCCF REF INST |
| | | CCRS DAD |
| | | HCD HOBIC |
| 1 | | NACRS |
| 1 | | NRS ODB OHIP |
| 1 | | OMHRS RAICA |
| | | RAIHC SDS |
| | | ASTHM A CHF COPD |
| | | HIV |
| | | HYPER MOMBARY |
| | | OCCC ODD |
| | | OMD ORAD |
| | | CENSUS CONTACT |
| | | CONTACT POP RPIB |
| | | HCES |
| | | ADP CAPE CENSUSOA |
| | | EMRALD CCHS |
| | | OCR PCPOP |
| | | |
| 811 | Macrolide prophylaxisfor COPD in Ontario | DIN REF |
| | | REF DAD NACPS |
| | | ODB |
| | | OHIP SDS ASTHIMA |
| | | CHF COPD |
| | | HYPER OCCC |
| | | ODD OMID |
| | | ORAD RPDB |
| | | ADP |
| 87 | Major complications following surgery, a validation study | DIN |
| 1 | · · · · · · · · · · · · · · · · · · · | LHN PCCF REF |
| | | DAD |
| | | NACRS ODB |
| 1 | | OHIP OMHRS |
| 1 | | SDS ASTHM |
| | | A CENSUS |
| | | CONTACT POP |
| | | RPDB ONMARG |
| | | ETHNIC CFDR |
| | | CIC OCR |
| | | ORGD Major complications following surgery |
| 83 | Making better use of randomized trials: assessing applicability and transporting causal effects (PCORI) | |
| | | DIN PCCF |
| | | REF INST DAD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | SDS |
| 1 | | CENSUS RPDB ORGD |
| | | RCSN |
| | | National Institute of Neurological Disorders and Stroke (NINDS) rt-PA Stroke Trial I and |
| 84 | Managed Alcohol Programs: Implementation and Effectiveness | |
| 1 | | MAP data |

| # | Project Title | ICES Data |
|-----|--|-----------------------------------|
| 85 | Management and outcomes of cancer patients with immune-related adverseevents (InAEs) admitted to hospital while on immunotherapy | IPDB DIN |
| | | LHIN |
| | | REF INST |
| | | DAD HCD |
| | | NACRS ODB OHIP |
| | | RPDB |
| | | OLIS ORGD |
| | | ALR CIC |
| | | NDFP |
| | | OCR ESAS |
| | | getacg |
| | | |
| 86 | Management of Advanced Prostate Cancer | IPDB DIN |
| | | LHIN PCCF |
| | | INST |
| | | DAD NACRS ODB |
| | | OHIP SDS |
| | | ASTHM A CHF COPD |
| | | COPD |
| 1 | | HYPER ODD |
| 1 | | CENSUS CONTACT |
| 1 | | POP RPDB |
| 1 | | OUS EMRALD |
| 1 | | EMALD ETHNIC NACRS |
| 1 | | NACKS |
| 87 | Managing High-Need, High-CostPatients: An International Perspective Study | IPDB |
| 1 | | CCRS DAD |
| 1 | | NA CRS |
| | | ODB OHIP |
| | | RAIHC CHF ODD |
| | | RPDB |
| | | ous |
| | | |
| 88 | Managing multi-morbidity in primary care: Examining integration efforts within and acrossorganizational boundaries | CPDB IPDB |
| | | LHIN REF |
| | | DAD |
| | | NACRS ODB |
| | | OHIP ASTHM |
| | | A CHF COPD |
| | | HYPER |
| | | ODD OMD ORAD |
| | | CONTACT |
| | | CONTACT RPDB CAPE CHC |
| | | ONMARG |
| 1 | | Primary care Collaboration Survey |
| 819 | Managing post-transplant kidney carein Onlario athome | IPDB |
| 1 | | IPDB PCCF REF |
| 1 | | ESTSOB CORR |
| 1 | | DAD |
| 1 | | NACRS NRS |
| 1 | | ODB OHIP OM:IRS |
| 1 | | SDS |
| 1 | | CENSUS |
| 1 | | CONTACT RPDB ADP |
| 1 | | CAPE GAPP |
| 1 | | HCDMOH |
| 1 | | OCCI OHCAS |
| 1 | | GDML ORRS TGLN |
| 1 | | IGEN |
| 1 | | |
| 201 | Maternal and fetal outcomes in pregnancy and chionickidney disease | IPDR |
| 1 | , | IPDB DIN LHIN |
| 1 | | PCCF REF |
| 1 | | CORR |
| 1 | | DAD NACRS ODB |
| 1 | | OHIP |
| 1 | | SDS MOMBABY |
| 1 | | RPDB data_bom |
| 1 | | data_gdml |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|------------------------------|
| 21 | Maternal and neonatal outcomes by GDM diagnostic criteria | CPDB IPDB |
| | | IPDB DIN |
| | | DIN LHIN PCCF |
| | | REF |
| | | INST CCRS |
| | | DAD HCD |
| | | HOBIC NACRS |
| | | NRS |
| | | ODB OHIP |
| | | OMHRS RAICA RAIHC |
| | | RAIHC SDS |
| | | ASTHM |
| | | A CHF COPD |
| | | HIV HYPER |
| | | MOMBABY OCCC ODD |
| | | ODD OMID |
| | | ORAD CENSUS |
| | | CONTACT |
| | | POP RPDB |
| | | HCES ADP |
| | | CAPE CENSUSCA |
| | | EMPAID |
| | | CCHS OCR |
| | | PCPOP |
| | | |
| 822 | Maternal and perinatal outcomes in women experiencingincarceration in Ontario, Canada: a retrospective cohort study | PCCF DAD |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | HIV |
| | | HYPER MOMBABY |
| | | ODD CHC |
| | | MCSCS RPDB |
| | | SDS |
| | | |
| 83 | Maternal opioid use and the risk of gastroschisis: a population-based case control study | DIN PCCF |
| | | REF DAD |
| | | DAD OHIP MOMBABY |
| | | ODD |
| | | RPDB HYPER |
| | | MOMBA BY ODD |
| | | RPDB NMS |
| | | |
| 824 | Maternal-child primary care provider concordance: a population-based cohort study exploring health outcomes | CPDB IPDB |
| | | PCCF |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | SDS MOMBABY |
| | | CENSUS |
| | | RPDB CAPE CIC |
| | | CIC ORGD |
| | | |
| | | ETHNIC |
| 85 | Maximizing statin efficacy in prostate cancer by interrogating and attacking feedback mechanisms (MSEPC) | ETHINC DEMENTIA AS Snap Shot |
| | | |
| 85 | MCSS-ICES Data Working Group | IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST |
| | | AVGPRICE ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS |
| | | ODB OHIP |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HYPER |
| | | ODD OMID |
| | | CONTACT RPDB |
| | | RPDB HCDMOH ORGD |
| | | |
| | Managing Substance Brighted Disorders and Internsprinted Companies of U.S. M. Internst Control | DAD |
| ₩ | Measuring Substance-Related Disorders and Interprovincial Comparison of Health Impact (Ontario component) | DAD OHIP OMHRS |
| | | OMHRS RPDB ORGD |
| | | ORGD |
| | | |
| | | |

| # | Project Title | ICES Data |
|--------|---|--|
| 8 | Measuring the cost-effectivenessofpaliative care | PDB DN LHIN LHIN PROFF PCOF ROST RIST AVOPRICE STDPRIC E CORS OPRO HICL HICL NACRS NRS ODB GHIRB GARACA RAGACA RAGACA RAGACA RAGACA RAGACA RAGACA CHP COPP COMP COMP COMP COMP COMP COMP COM |
| | Mediaton analysis in the Canadian Community Health Survey: Apopulation-based study of the association between shift work and diabetes | LHIN PCCF RCAT RCAT RCAT RCAT RCAT RCAT RCAT RCAT |
| 800 | Medical Aid Involving Dying and Equity Norms | DALINA NACIS COB COBP RPDB getacg |
| ন্ত্ৰা | Medical Care Costs and Healthcare Economic Outcomes of Direct-Acting Oral Anticoagulants and Waifarin | DISN PCCF BNST DAD NACRS OGHP OMHP COMPS CONTACT EPDB GCC GCC GCC GCC GCC MMS |
| | Medical grade cocaine and perioperative morbidity-a population based analysis | DAD MACRS CHIP SDS CHF HYPER ODD OMD RPDB IPDB |
| | Medication discontinuation following hospitalization in adults with COPD | CPDB IPDB DN LINE PCCF FRIST BNST CCRS DAD HCD NACRS ODB WACRS ODB HCD OMMRS SDS SDS ASTEM A CHF COPD HYPER CODD ORAD CRAD CRAD CRAD CRAD CRAD CRAD CRAD C |
| 84 | MedsCheck After Hospital Discharge | PPEB PPEB DN LHIN WST DAD HCD DAD HCD DAD HCD CAC HCD CAC CAC CAC CAC CAC CAC CAC CAC CAC C |

| # | Project Title | ICES Data |
|-----|--|--------------------------|
| 855 | MedsCheck Use in Ontario: An Updated Analysis | DIN ODB |
| | | OHIP ODD |
| | | RPDB |
| | | |
| 896 | Mental Health and Addictions Acute Care Alliance (MHAACA) AHRQ | IPDB |
| | | LHIN PCCF INST |
| | | DAD NACRS |
| | | ODB OHIP |
| | | CHF HYPER |
| | | ODD OMD |
| | | RPDB ETHNIC |
| | | ALR |
| | | NDFP OCR ORGD |
| | | ONGD |
| | | |
| 85/ | Mental health and addictions bed capacity in Ontario (MHABed Capacity) | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | REF |
| | | INST CCRS |
| | | DAD HCD |
| | | HOBIC |
| 1 | | NACRS NRS ODB |
| 1 | | OHP OMHRS |
| 1 | | RAICA RAIHC |
| 1 | | SDS |
| 1 | | ASTHM A CHF |
| 1 | | COPD HIV HYPER |
| | | MOMBABY OCCC |
| | | ODD |
| | | OMD ORAD |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | HCES ADP |
| | | CAPE CENSUSCA EMPALD |
| | | CCHS |
| | | OCR PCPOP |
| | | |
| | Mark Hard Addition Comment and Frederic Forence (ARIACET). Orbitant Vents Comment (ARIACET) | DAD |
| as | Mental Health and Addictions Scorecard and Evaluation Framework (MHASEF) - Child and Youth Scorecard 2019 | DAD OHIP MOMBABY |
| | | RPDB IMPACT |
| | | POGONIS BORN |
| | | BORN |
| | | Niday |
| | | |
| 89 | Mental Health and Addictions System Performance among Ontario's First Nations | LHIN PCCF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| 1 | | SDS MOMBABY |
| 1 | | CENSUS CONTACT POP |
| 1 | | RPDB |
| 1 | | OHCAS |
| 1 | | OTR ORGD OCR |
| 1 | | IRS NMS TUMHP |
| 1 | | CHC |
| 1 | | OOP |
| 1 | | |
| 80 | Mental Health and Addictions-related Quality Standards Indicators for Ontario Shores Centre for Mental Health Sciences | DAD NACPS |
| 1 | | NACIOS OHIP RPDB |
| 1 | | NSO |
| 1 | | |
| 811 | Mental Health and Suicide in Cancer Patients | DAD NACRS |
| 1 | | OHIP |
| 1 | | OMHRS SDS |
| 1 | | RPDB OCR |
| 1 | | ORGD |
| | | |
| 802 | Mental Health Outcomes in Mothers and Siblings of Children with Cancer | IPDB REF |
| | | DAD NACRS |
| 1 | | OHIP OMHRS |
| 1 | | MOMBABY RPDB |
| 1 | | OCR ORGD |
| 1 | | POGONIS |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|----|--|---|
| | Mental health outcomes in victims of physical as sault during childhood Apopulation-based study | PCCF BAD NACRS ODB OHIP OMHRS SOMBABY CENSUS RPDB ERCLAM OMMARG OMKO |
| 84 | Mental health service use and outcomesof postpartum women following mental health emergency department visits | LHIN PCOF REF NST NST NST NST NST NSS NSS OHIP SDS CHIP COPD CHF COPD CHC CHC CHC CHC CHC CHC CHC CHC CHC CH |
| | Mental Health Status Reporting from Different Sources: Is there agreement? | LINN PCCF DAD NACRS OHIP OMHRS CHF CHF CODD CHF CODD CHF COCC CCC CCC CCC |
| | Mental health utilization and mortality of older adults with suicide ideation | DAD NACES OHIP OHIP OHIP OHIP OHIP |
| 87 | Mental health wellness surveillanceframework for NishrawbeAski Nation communities | #FDB DAD NACIS CORP CORP CORP COCC SCHOOL COCC COCC COCC COCC COCC COCC COCC |
| 88 | Mental health wellness surveillancetramework for Weenedbayko Area Health Authority (WAHA) communities | PD B DAD DAD ON PD |
| | Metabolities and characteristics at birth for prediction of inflammatory bowel disease | MOMBAB' OCC RPDB BORN NSO DAD |
| | Metabolomics of Birth: Assessing the influence of environmental and physiological factors on infant metabolic profiles | PCCF REF DAD NACIS OHIP MOMBABY RPDB data_tsio |
| 81 | Methodological Considerations of regis by -based cluster-andomized controlled trials in hemodialysis | CPDB IPDB IPDB IN IPDB IN IN IPDB IN IN IPDB IN |

| # | Project Title | ICES Data |
|------|--|---|
| 852 | Methods to Attenuate Glaucoma by Inhibiting Carbonic-arrhydrase (MAGIC) | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS RPDB |
| | | |
| 83 | Méts Household Survey descriptivedata analysis | PCC F |
| | | RPEB MNO |
| | | |
| 854 | Métis Mental Health Indicators Project | LHIN DAD NACRS |
| | | OHIP OMHRS |
| | | RPDB data_mno |
| | | |
| 85 | Metronidazole neurotoxicity among elderly Ontarians | DIN LHIN |
| | | PCCF REF DAD |
| | | ODB OHIP |
| | | OMHRS RPDB |
| | | NMS |
| 856 | Michael Garron Hospital Prolonged-ventilation Wearing Centre (PWC) Evaluation | REF INST |
| | | INST DAD HCD |
| | | HCD NACRS ODB |
| | | OHIP SDS |
| | | CHF COPD HYPER |
| | | ODD OMD |
| | | CENSUS RPDB |
| | | CCN |
| | | PWC cohort CCRS |
| 87 | Migrationand Diabetes incidence and Prevalence in Chines of rom 2000 to 2016: An International Comparative Study of Canada and China | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS CONTACT RPDB CCHS |
| | | ссня |
| - 80 | Mining EMRALD for clinical decision suppαt | IPDB |
| | The state of the s | DAD NACRS |
| | | ODB OHIP SDS |
| | | CENSUS RPDB |
| | | EMRALD |
| 80 | Mining of population-based routinely collected health data to determine risk factors | BCCE |
| | mining of population based former of control and a base mining files a base of | PCCF INST DAD |
| | | NACRS OHIP |
| | | SDS ASTHMA MOMBABY |
| | | OCC ODD |
| | | RPDB CIC BORN |
| | | BORN AQHI PM25, NO2 and O3 exposures by postal code |
| | | |
| 860 | Minor procedural activity in ambulatory clinics aspotentially qualifying for QBP funding | CPDB IPDB INST |
| | | DAD NACPS |
| | | OHIP SDS |
| | | RPDB sjhc clinics |
| 861 | Modernization of Record Linkage | RPDB |
| | | OLIS |
| 82 | Molecular characterization and behaviour of tumours arising in patients taking 5-alpha reductase inhibitors | ODB |
| | | OHIP RPDB OCR |
| | | OCR IPDB DIN |
| | | LHIN INST |
| | | DAD NACRS SDS |
| | | OLIS ETHNIC |
| | | ALR NDFP |
| | | ODB OHIP |
| | | OCR |
| | | |

| - 44 | Dreiget Title | ICES Data |
|------|---|--------------------------------------|
| # | Project Title Morbidity and Mortality of Genetic Hemochromatosis: Population Based Study | ICES Data |
| I ~ | | DAD HCD |
| | | NACRS |
| | | ODB OHIP |
| | | SDS CENSUS |
| | | RPDB OCCI |
| | | OHCAS |
| | | ALR NDFP |
| | | OCR CORR |
| | | ODD |
| | | ORGD HEIRS database |
| | | |
| 864 | Mortality and health care utilization among CAMH outpatients | IPDB LHIN |
| | | LHN DAD NACRS |
| | | OHIP OMHRS |
| | | CENSUS |
| | | RPDB ORGD |
| | | INST AVGPRICE |
| | | CCRS |
| | | CORR HCD |
| | | NRS |
| | | ADP PCPOP CAMH outpatient data |
| 1 | | CAMH outpatient data |
| 85 | Mortality and Revision Rates of Morbidly Obese Total Knee Replacement Patients | IPDB |
| 1 | | REF INST |
| 1 | | DAD NACRS |
| | | OHIP |
| 1 | | SDS CONTACT |
| 1 | | RPDB ONMARG |
| | | ONMARG |
| | | |
| 86 | Mortality rates across geographic regionsand populations residing within the North Bay Parry Sound District Health Unit | PCCF REF |
| | | CENSUS |
| | | CENSUS POP RPDB |
| | | ONMARG |
| | | ORGD |
| | | |
| 867 | Mortality Trends among First Nations Communities Served by Mamow Ahyamowen | PCCF |
| | | PCCF REF DAD |
| | | NACRS |
| | | OHIP ASTHM A CHF |
| | | COPD |
| | | HYPER |
| | | OCC ODD OMID |
| | | ORAD CENSUS |
| | | CENSUS |
| | | CONTACT RPDB OHCAS |
| | | ONMARG |
| 1 | | OTR OCR |
| 1 | | ORGD IRS |
| 1 | | ing . |
| 1 | | |
| 88 | Mortality trends following firstepisode psychosis | IPDB LHIN |
| 1 | | PCCF |
| 1 | | DAD NACRS |
| 1 | | ODB |
| 1 | | OHIP OMHRS |
| 1 | | RPDB ORGD |
| 1 | | |
| L | | |
| 89 | Multi-Care Kidney Clinic visits for patients with chronic kidney disease who meet criteria for referral | CPDB IPDR |
| 1 | | CPDB IPDB DIN |
| 1 | | LHIN |
| 1 | | REF CCRS |
| 1 | | DAD |
| 1 | | HCD |
| 1 | | HOBIC NACRS NRS |
| 1 | | NRS ODB OHIP |
| | | OMHRS |
| | | OMPIRS RAICA RAIHC |
| | | SDS |
| | | CONTACT |
| 1 | | RPDB CAPE ONMARG |
| 1 | | OWNERG |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|---|
| 870 | Multimorbidity Characterization and Optimal Healthcare Design with Machine Learning | DIN PCCF |
| | | REF CCRS CPRO |
| | | CPRO DAD HCD |
| | | HOBIC |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAICA RAIHC |
| | | SDS |
| | | ASTHMA CHF COPD |
| | | HIV |
| | | HYPER OCCC ODD |
| | | OMD ORAD |
| | | CENSUS CONTACT |
| | | RPDB OLIS |
| | | ONMARG NMS |
| | | DEMENTA |
| | | ORGD CIC OCR |
| | | LHIN MOMBABY |
| | | ERCLAIM AVGPRIŒ ESTSOB |
| | | CAPE |
| | | GAPP OHCAS |
| | | |
| 81 | Multi-national meta-analysis of all-cause mortality after prison release | IPDB LHIN |
| | | DAD NACRS |
| | | OHIP CENSUS |
| | | RPDB EMRALD |
| | | Persons incarcerated in provincial facilities in 2000 |
| 872 | Multivariate profiling of hospital performance on an array of quality indicators for stroke patients | CCRS DAD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | RAIHC ORGD DIN |
| | | THIN |
| | | PCCF REF INST |
| | | HCD |
| | | OMHRS SDS CENSUS |
| | | POP RPDB |
| | | |
| 873 | Narcolic prescription patterns following eledive outpatient surgery | ESAS |
| 84 | Narcotic use in patients with kidney stonesand long-term outcomes | IPDB |
| | | DIN |
| | | PCCF REF INST |
| | | AVGPRICE ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OM/RS |
| | | SDS CHF |
| | | COPD HIV HYPER |
| | | MOMBABY OCCC |
| | | MOMBABY OCCC ODD OMD |
| | | ORAD RPDB |
| | | ADP CAPE |
| | | GAPP OCCI |
| | | OHCAS NMS |
| | | DEMENTIA |
| 85 | Neighbourhood driveability, car dependency, and health | PCCF DAD |
| | | OHIP |
| | | ASTHIMA CHE |
| | | COPD HYPER |
| | | ODD OMID CENSUS |
| | | POP RPDB |
| | | RPDB DA-level walkability |
| | | index |
| | | 2006-9 ORAD |
| | | OPHECE ETHNIC CIC |
| | | DA-level driving data |
| | | Walkability Data |

| # | Project Title | ICES Data |
|-----|--|--|
| 876 | Neighbourhood socioeconomic status, residential mobility and health | LHIN PCCF |
| | | DAD NACRS |
| | | OHIP ASTHMA CHF |
| | | COPD |
| | | HYPER ODD OMID |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | ONMARG ORGD CCHS |
| | | CCHS CIC |
| | | |
| 87 | Neighbourhood Walkability and Diabetes-Related Complications | PCCF DAD |
| | | NACRS OHIP |
| | | SDS HYPER |
| | | ODD CENSUS POP |
| | | RPDB ONMARG |
| | | CIC ETHNIC |
| | | data, walkability OLIX EMRALD |
| | | CCHS OPHECE |
| 1 | | OPHECW |
| 88 | Neoadjuvantversusadjuvantin cystectomy patients | IPDB LHIN |
| | | DAD |
| I | | NACRS ODB |
| | | OHIP SDS ASTHIMA |
| | | CHF COPD |
| | | HYPER OCCC ODD |
| I | | OMID |
| | | RPDB ALR NDFP |
| | | OCR |
| | | |
| 89 | Nephology and Multi-Care Kidney Clinicvisits for patients with chronic kidney disease who meet criteria for referral | IPDB PCCF |
| | | CORR DAD |
| | | OHIP SDS RPDB |
| | | ORRS GDML |
| | | OLIS CPDB |
| | | LHIN NACRS |
| | | CAPE |
| 80 | Nephrologist Follow-up versus Usud Care after Acute Kidney Injury: Follow-up of a Randomized Controlled Trial | IPDB DIN |
| | | LHIN PCCF REF |
| | | CORR DAD |
| | | NACPS ODB |
| | | OHIP SDS RPDB |
| | | GDML |
| | | Nephrologist Follow-up versus Usual Care after an Acute Kidney Injury Hospitalization (FUSION) |
| 881 | Nephrology visits for patients with chroric kidney diseasewho meetcriteria for referral | CPDB IPDB |
| I | | IPDB DIN LHIN |
| I | | LHIN PCCF INST |
| I | | CCRS DAD HCD |
| | | NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| 1 | | SDS ASTHM A CHF |
| 1 | | COPD HYPER ODD |
| I | | CENSUS |
| I | | POP RPDB |
| I | | OLIS ONMARG ROBCAN |
| 1 | | POPCAN NMS |
| | | |
| 802 | Neuroprogression in patients with mood disorders: Apopulation-based cohorts tudy | PCCF CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | OMHRS ASTHMA CHF |
| | | CHF COPD HIV |
| | | HIV HYPER ODD |
| | | OMD |
| | | CONTACT ROMB ROMMARG |
| | | CIC |
| | | |

| # | Project Title | ICES Data |
|-----|---|---|
| 863 | Neuropsychiatriceffects of Montelukastin asthma management Aprospedive cohortstudy of administrative health data in Ontario, Canada | DIN INST |
| | | DAD NACRS |
| | | ODB OHIP OMHRS |
| | | SDS ASTHM A CHF |
| | | COPD |
| | | HYPER ODD |
| | | OMID CENSUS POP |
| | | RPDB ONMARG |
| | | OCR ORGD |
| | | |
| 84 | New Ambulatory Models of Care (NAMoC) - Value Assessment | CPDB |
| | | IPDB DIN LHIN |
| | | PCCF |
| | | CCRS CPRO |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHM A CHF |
| | | COPD |
| | | HIV HYPER OCCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | POP RPDB |
| | | CAPE CENSUSOA |
| | | ONMARG POPCAN |
| | | New Ambulatory Models of Care (NAMoC) - Cost Analysis |
| 85 | New onsetatrial fibrillation in Ontario, Canada | IPDB DIN |
| | | LHIN PCCF |
| | | REF DAD NACRS |
| | | ODB OHIP |
| | | SDS ASTHM |
| | | A CHF COPD |
| | | HYPER ODD |
| | | CENS.6 RPDB CCRS |
| | | DEMENTIA ORGD |
| | | |
| 86 | New Onset Peri-Operative Alrial Fibrillation After Coronary Artery Bypass Graft (CABG) Surgery | IPDB DIN PCCF |
| | | REF INST |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS ASTHM |
| | | A CHF COPD HYPER |
| | | HYPER ODD CENSUS |
| | | RPDB OLIS |
| | | CCN CCR ORGD |
| | | |
| 807 | New Oploid Use and Risk of Dose Escalation in Adults with IDD | CPDB IPDB DIN |
| | | DAD |
| | | NACRS OHIP |
| | | OMHRS SDS action |
| | | ASTHM A CHF COPD |
| | | HYPER ODD |
| | | RPDB CAPE |
| | | NMS getacg |
| | | |
| *** | New oral anticoagulant drug interactions and the risk of hemorrhagic events | DIN PCCF REF |
| | | CORR |
| | | DAD NACRS ODB |
| | | OHIP SDS |
| | | CONTACT RPDB |
| | | ous |
| | | |

| # | Project Title | ICES Data |
|-------|--|-------------------------------------|
| 89 | New visual analytics system for Acute Kidney Injury - Part A | IPDB DIN |
| | | LHIN PCCF |
| | | REF DAD HCD |
| | | NACRS |
| | | ODB OHIP HYPER |
| | | ODD RPDB |
| | | HCDMOH GDML |
| | | GUIL |
| 20 | New visual analytics system for Acute Kidney Injury - Part B | IPDB |
| - | Note to delicately soo open to note to alloy signly to the | DIN LHIN |
| | | PCCF |
| | | REF DAD HICD |
| | | HCD NACRS ODB |
| | | OHIP HYPER |
| | | ODD RPDB |
| | | HCDMOH GDML |
| | | |
| 81 | Non-invasive cardiacdiagnostic testing vs watchful waiting in patients assessed for stable coronary artery disease | DIN |
| wi wi | | DIN LHIN PCCF |
| | | REF DAD |
| | | NACRS ODB |
| | | OHIP |
| | | SDS COPD HYPER |
| | | ODD RPDB |
| | | CCHS GDML |
| | | ASTHM |
| | | A ORAD CIC |
| | | OCR IPDB ORGD |
| | | |
| 892 | Non-vitamin Koral anticoagulant (NOAC) for the prevention of cardovascular events in patients with CKD | DIN PCCF REF |
| | | REF CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS CONTACT |
| | | RPDB GDML |
| | | ous |
| | | |
| 883 | Novel clinical, molecular and -omics approaches to prediction of heartfalure readmission-Phase I | IPDB PCCF |
| | | ASTHMA ODD EHMRG |
| | | Entitle |
| 22/ | Novel clinical, molecular, and -omics approaches to prediction of heart failure readmission-Phase I | DAD |
| | noonaa, nooosaa, ana sombo appaariosa produsion on oan raiidte tedunission 4 nase t | DAD NACRS ODB |
| | | OHIP |
| | | SDS CHF |
| | | COPD HYPER RPDB |
| | | RPDB EFFECT EDHF |
| | | MOMBA BY ORGD |
| | | EFFECT2 IPDB |
| | | PCCF ASTHMA |
| | | ODD EHMRG |
| | | enunco gelacg 1) ISCHEMIC HF: |
| 935 | Novel methods to examine selection bias in observational studies oninfective endocardits | CPDB |
| ua/ | | CPDB IPDB LHIN |
| | | ESTSOB DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | CHE |
| | | ODD CENSUS RPDB |
| | | CAPE |
| | | GAPP CIC |
| | | |
| 86 | Novel Techniques Using Word Embeddings to Anonymize Clinical Notes | EMRALD |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|---|
| # | Oasis Senior Supportive Living: A Model for Active Aging-In-Place | LHIN |
| 1 | | PCCF REF |
| | | INST DAD |
| | | NACRS OHIP |
| | | OHIP CENSUS CONTACT |
| | | POP RPDB |
| | | HCES CPDB IPDB |
| | | DIN |
| | | CCRS HCD |
| | | ODB OMHRS |
| | | RAICA RAIHC |
| | | SDS ONMARG |
| | | DEMENTIA |
| | | getacg ASTHMA CHF |
| | | COPD HYPER |
| | | ODD CAPE |
| | | CAPE |
| 88 | OBI and ICES Dynamic Linkage Pilot | RPDB |
| | | |
| 89 | Obstructive sleep apnea and cancer development and progression evidence from clinical and health administrative data | |
| 1 | | LHIN DAD HCD |
| 1 | | NACRS |
| 1 | | OHIP SDS |
| 1 | | RPDB ADP |
| 1 | | The London Health Sciences Centre Sleep Apnea Assessment Unit PSG database |
| 1 | | The Ottawa Hospital sleep database |
| 1 | | Ine Ottawa Hospital steep database Sunnybrook Sleep Laboratory's sleep database |
| 900 | OCAN-ICES Data Partnership for Reporting Performance Indicators of the Community Mental Health System | CBI |
| | | |
| 901 | Occurrence and management of malignancy-associated intestinal obstruction near the end of life | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | CCRS DAD |
| | | NACES |
| | | ODB OHIP |
| | | SDS RPDB |
| | | OBSP OCR |
| | | ORGD |
| | | |
| 902 | OCTANE Study | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF |
| | | REF INST |
| | | AVGPRŒ ESTSOB CCRS |
| | | DAD HCD |
| | | NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| 1 | | RAICA RAIHC SDS |
| 1 | | ASTHMA |
| 1 | | CHF |
| 1 | | COPD ODD OMD |
| 1 | | CENSUS CONTACT |
| 1 | | POP RPDB |
| 1 | | RPDB ADP HCDMOH |
| 1 | | OCCI |
| 1 | | OHCAS ONMARG ORGD |
| 1 | | ESAS |
| 1 | | OCTANE Trial Data |
| 903 | ODPRN Narcotics Monitoring System (NMS) Early Evaluation | |
| 1 | | IPDB DIN REF |
| 1 | | DAD |
| 1 | | NACRS ODB |
| 1 | | OHIP OMHRS |
| 1 | | ASTHM |
| 1 | | A CHF COPD HIV |
| 1 | | HYPER ODD |
| 1 | | OMD ORAD |
| 1 | | RPDB |
| 1 | | NMS DDARD |
| 1 | | PCCF SDS |
| 1 | | ALR OCR CPDB |
| 1 | | NRS |
| 1 | | OMHRS |
| L | | National Prescription Drug Utilization Information System Database (NPDUIS) |

| # | Project Title | ICES Data |
|-----|---|---------------------------|
| 904 | ODPRN Narcotics Monitoring System (NMS): Drug Utitzation Review (DUR) Warning Response | IPDB DIN LHIN |
| | | PCCF |
| | | DAD NACRS ODB |
| | | OHIP RPDB DDARD |
| | | NMS |
| | | |
| 905 | ODPRN Narcotics Monitoring System (NMS): Opioid Prescribing by Dentists | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | DAD NACRS |
| | | ODB OHIP SDS |
| | | CENSL6 RPDB NMS |
| | | NMS POP |
| | | |
| 906 | ODPRN Narcotics Monitoring System: Chronic Opioid Use | CPDB IPDB DIN |
| | | LHIN REF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHM |
| | | A CHF COPD |
| | | HYPER ODD RPDB |
| | | OCR NMS |
| | | ALR DDARD PCCF |
| | | PCCF |
| 907 | ODPRN NMSPersistence on Opioid Agonist Therapy | IPDB DIN |
| | | LHIN PCCF |
| | | REF CORR |
| | | DAD NACRS ODB |
| | | OHIP SDS |
| | | HYPER ODD |
| | | CONTACT RPDB |
| | | OLIS OMHRS COPD |
| | | ODD |
| 908 | Older Adults Seeking Emergency Care: Investigating Patient Profiles and Health Service Exposures to Inform Geriatric Case Management Models | DIN PCCF REF |
| | | INST |
| | | CCRS CPRO |
| | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC ASTHMA |
| | | AS INWA CHF COPD HYPER |
| | | ODD |
| | | OMID CENSUS |
| | | CONTACT RPDB ADP |
| | | OMMARG DEMENTIA |
| | | ORGD |
| 909 | ONDRI- incidence and prevalence of Parkinsoris disease in Ontario byurbantural region and socioeconomicstatus | CPDB |
| | • • • | IPDB DIN |
| | | LHIN PCCF MICT |
| | | INST CCRS DAD |
| | | HCD NACRS ODB |
| | | ODB OHIP SDS |
| | | ASTHM A CHE |
| | | COPD HYPER |
| | | ODD OMID |
| | | ORAD CENSUS CONTROL |
| | | CONTACT POP RPDB |
| | | ONMARG getacg |
| | | |
| - | | |

| Other part code and control shade in control part and part an | # | Project Title | ICES Data |
|--|-----|--|----------------|
| Other part actuals actualished all invitation of the care bits updated in unitation in Children Other part actuals be actually believed per project dependence who are administed in the great state after actual | | | CPDB |
| Company Comp | | | IPDB DIN |
| Decidence to transport of the Analth states and correspond positions who are admitted to long-turn core after strate Decidence to the Analth states and correspond positions who are admitted to long-turn core after strate Decidence to the Analth states and correspond positions who are admitted to long-turn core after strate Decidence to the Analth states and correspond positions who are admitted to long-turn core after strate Decidence to the Analth states and correspond positions who are admitted to long-turn core after strate Decidence to the Analth states and correspond positions who are admitted to long-turn core after strate Decidence to the Analth states and correspond positions who are admitted to long-turn core after strate Decidence to the Analth states and correspond positions who are admitted to long-turn core after strate Decidence to the Analth states and correspond positions who are admitted to long-turn core after strate Decidence to the Analth states and correspond positions are admitted to long-turn core after strate Decidence to the Analth states and correspond positions are admitted to long-turn core after strate Decidence to the Analth states and correspond positions are admitted to long-turn core after strate Decidence to the Analth states and correspond positions are admitted to long-turn core after strate Decidence to the Analth states and correspond positions are admitted to long-turn core after strate Decidence to the Analth states and correspond positions are admitted to long-turn core after strate Decidence to the Analth states and correspond positions are admitted to long-turn core after strate and correspond Decidence to the Analth states and correspond positions are admitted to long-turn core after strates Decidence to the Analth states and correspond positions are admitted to long-turn core after strates Decidence to the Analth states are admitted to long-turn core after strates Deci | | | LHIN PCCF |
| District State of State of Costs Sta | | | INST CCRS |
| Section Contract | | | DAD HCD |
| Control for a shareh was and connected plates who are alread to long-term care after a relative state of the control of the co | | | NACRS NRS |
| Description of the content of the analysis to the analysis t | | | ODB |
| Decision Readily Stitutes State and Control State of the State of | | | OMHRS |
| ### Office of Discontinuous in the Inself states and consensation/selents who are admited to large semicrary shart shallow the continuous of the continuous | | | ASTHM |
| Part Continue Co | | | COPD |
| Discovery and contract of the first status and correspondence who are admind to long farm care after strong and contract of the first status and correspondence who are admind to long farm care after strong and contract of the first status and correspondence who are admind to long farm care after strong and contract of the first status and correspondence who are admind to long farm care after strong and contract of the first status and correspondence who are admind to long farm care after strong and contract of the first status and contract of the first st | | | occc |
| Control Displace in the health states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solution to large some states and connectical platents who are solved and connectical platents who are | | | OND |
| Contact Authors Cost Burders Backy Distance Backy Di | | | CENSUS |
| Charty Six offerences in the health status and coverageds of patients who are admired to being from care after stroke Charty six or outs a seculated with epileopy in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually belianing emergency department was for some shall apost on endose in Ordania Charty six mutually be | | | CONTACT POP |
| If One-year costs associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Orients | | | RPDB |
| If One-year costs associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Orients | | | |
| If One-year costs associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Associated with epistagy in Orients Control Orients | 911 | ONDRI-Sex differences in the health status and careneeds of patients who are admitted to long-term care after stroke | LHIN P.C.C.F. |
| Description of the process of the p | | | INST CCBS |
| B. Oner year costs associated with episegy in Director. III. Oner year costs associated with episegy in Director. III. Oner year costs associated with episegy in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year mortally following emergency programment visit for non-fleet operation as in Director. III. Oner year m | | | DAD |
| A Chief of Degroute Patrology Procedures Market Analyse 8 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 8 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 8 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness Market Analyse 9 Order of Degroute Patrology Procedures Order Appropriateness | | | HCD NACRS |
| S One'ry der costs associated with epidespyn Chiterio One'ry year costs associated with epidespyn Chiterio One'ry year costs associated with epidespyn Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides an Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides an Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides an Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides an Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides an Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides an Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and Chiterio One year mortality following entergracy plaguement visit for non-feet apost overrides and | | | NRS OHIP |
| E One year costs associated with epilespy in Dristrio E One year costs associated with epilespy in Dristrio DOS ONE OF THE OWN OF | | | ASTHMA CHF |
| E One year costs a saccated with spietapy in Oritanio 20 CONNOT Proposition Control P | | | COPD HYPER |
| R One-year costs associated with epiletapy in Oritatrio So One-year costs associated with epiletapy in Oritatrio So One-year mortality. Discoving amerigancy department visible mon-field lipsed oversizes in Oritatrio B One-year mortality. Discoving amerigancy department visible mon-field lipsed oversizes in Oritatrio B Oritatrio Ashima Cost Burdon Budy And Oritatrio Ashima Cost Burdon Budy Page 1 | | | ODD |
| E Oner year coss associated with epitespy in Ordano Cost of C | | | CONTACT |
| B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives B Onter to Des | | | KPDB |
| B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives B Onter to Des | | | |
| B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives Market Analysis B Onter to Designos Sc Tragging Order Appropriatives B Onter to Des | 912 | One-year costs associated with epilespyin Ontario | DAD HCD |
| B Oter year mortally following emergency-department via fibr non-fatal apoid overdose in Oreano B Oter year mortally following emergency-department via fibr non-fatal apoid overdose in Oreano Control | | | NACRS OHIP |
| B Otter year montally billowing emergency department via 16th non-felal opcold overdose in Ontario B Otter year montally billowing emergency department via 16th non-felal opcold overdose in Ontario COST, COST | | | OMHRS |
| B Oter to Pagnos & Pa | | | CENSUS |
| El One-year mortally blowing emergency depastment via for non-tatal opioid overdas o in Ontario Jack One-year mortally blowing emergency depastment via for non-tatal opioid overdas o in Ontario Jack Ontario Ontar | | | POP |
| B Ontario Diagnosis Imaging Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis | | | KPDB |
| B Ontario Diagnosis Imaging Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis B Ontario Diagnosis Pathology Procedues Order Appropriaturess Market Analysis | | | |
| DAG NORTH COST BUT DESTRUCTION STATE OF THE PROPERTY OF THE PR | 913 | One-year mortality following emergency department visit for non-fatal opioid overcose in Ontario | LHIN PCCF |
| Ontario Addima Cost Burden Study Bi Ontario Addima Cost Burden Study POR SHAPE SHA | | | DAD |
| Chiesta Control T Pop 8 Dobtion 0 Bit Chesta 6 Control T Pop 8 Dobtion 0 Bits Control Name CostBurden Study Pob 8 Dobtion 0 Bits Pob 9 Bits | | | ODB |
| CORTACT POPE POPE POPE POPE POPE POPE POPE POP | | | ONIPS OMHRS |
| BI Ontario Dagnos 6: Pathology Procedures Order Appropriateness Market Analysis BI Ontario Dagnos 6: Pathology Procedures Order Appropriateness Market Analysis BI Ontario Dagnos 6: Pathology Procedures Order Appropriateness Market Analysis BI Ontario Dagnos 6: Pathology Procedures Order Appropriateness Market Analysis BI Ontario Dagnos 6: Pathology Procedures Order Appropriateness Market Analysis BI Ontario Dagnos 6: Pathology Procedures Order Appropriateness Market Analysis BI Ontario Dagnos 6: Pathology Procedures Order Appropriateness Market Analysis BI Ontario Dagnos 6: Pathology Procedures Order Appropriateness Market Analysis BI Ontario Dagnos 6: Pathology Procedures Order Appropriateness Market Analysis | | | CONTACT |
| Bit Ontario Astima CostBurden Study Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis Bit Ontario Diagnos fc Imaging Order Appropriaturess Market Analysis | | | RPDB |
| B Ontario Diagnos & Imaging Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis B Ontario Diagnos & Pathology Proceduses Order Appropriateness Market Analysis | | | DDARD (drug |
| State Stat | | | and |
| PDB DNN PCCF REF NGGPRIE E3TSOB CCR8 DRD NACRS N | | | related |
| Signature Cost Burden Sudy PDB INN PCCF REF REF RAVGRIDE ESTSOB COCRS COCRS COCRS CORP CORP COMP COMP COMP COMP COMP COMP COMP COM | | | |
| DNI UNI UNI UNI UNI UNI UNI UNI UNI UNI U | | | TYPAS |
| DN D | 94 | Ontario Asthma Cost Burden Study | IPDB |
| REF NST | | | DIN LHIN |
| RST AVGREE ECRS DAD HCD MACRS | | | REF |
| ESTOG CONS DOCUMENTS NES ODE OWNES SIDES S | | | INST AVGPRŒ |
| DAD HCD NACRS OR | | | ESTSOB |
| NACRS NNS COB COMP COMP COMP COMP COMP COMP COMP COD COM COM CENSUS CONTACT POP RNDB ESCLAIM OFICAS COM CCC CC CC CC CC CC ROB S Ontario Diagnos ic Imaging Order Appropriateness Market Analysis PDB NACRS COMP SSS RNDB SSS RNDB SSS SSS SSS SSS SSS SSS SSS SSS SSS | | | DAD |
| Online Online Online Online Online Online Online State State State Online Onlin | | | NACRS |
| Others SSO SASTIMA COPPO HYPER COD OMD CENSUS CONTACT PROB ADP ERCLAM OHCAS COMMARG COR ORG ORG ORG ORG ORG ORG ORG | | | ODB |
| SISS ASTHMA CUP CHECK COLOR CO | | | OMHRS |
| CHF COPD COPD COPD COPD COPD COPD COPD COPD | | | SDS ASTHMA |
| Ond Comb Comb Comb Comb Comb Comb Comb Comb | | | CHE |
| ONID CENSUS CONTACT PROPS ADP ERCIAM ONICAS COMMARG COR ORG | | | HYPER ODD |
| CONTACT POP POP RPDB ADP ADP ADP ADP ADP ADP ADP ADP ADD ADD | | | OMID |
| RPDB ADP | | | CONTACT |
| ### PDB | | | RPDB |
| Ontario Diagnos & Imaging Order Appropriateness Market Analysis Si Ontario Diagnos & Imaging Order Appropriateness Market Analysis PDB DAD NACIS ONE SISS RPDB Si Ontario Diagnos & Pathology Procedures Order Appropriateness Market Analysis PDB DAD NACIS ONE SISS SISS | | | |
| ### Ontario Diagnos to Imaging Order Appropriateress Market Analysis ### Ontario Diagnos to Imaging Order Appropriateress Market Analysis #### Ontario Diagnos to Pathology Procedures Order Appropriateness Market Analysis ################################## | | | ONMARG |
| S Ontario Diagnos to Imaging Order Appropriateness Market Analysis PDB DAD NACOS OHIP S SIS RPDB S Ontario Diagnos to Pathology Proceduses Order Appropriateness Market Analysis D DAD NACOS OHIP S SIS S RPDB S D D D D D D D D D D D D D D D D D D | | | CIC OCR |
| NACRS CHIP SIDS RPDB Micro Diagnostic Pathology Procedures Order Appropriateness Market Analysis Micro Diagnostic Pathology Procedures Order Appropriateness Market Analysis DAD NACRS SIDS SIDS SIDS SIDS SIDS SIDS SIDS | | | ORGD |
| NACRS CHIP SIDS RPDB Micro Diagnostic Pathology Procedures Order Appropriateness Market Analysis Micro Diagnostic Pathology Procedures Order Appropriateness Market Analysis DAD NACRS SIDS SIDS SIDS SIDS SIDS SIDS SIDS | | | |
| NACRS CHIP SIDS RPDB Micro Diagnostic Pathology Procedures Order Appropriateness Market Analysis Micro Diagnostic Pathology Procedures Order Appropriateness Market Analysis DAD NACRS SIDS SIDS SIDS SIDS SIDS SIDS SIDS | 95 | Ontario Diagnostic Imaging Order Appropriateness Market Analysis | IPDB |
| SDS RPDB Mario Diagnosis: Pathology Procedutes Order Appropriateness Market Analysis DAD NACIS OHIP SDS | | | NACES |
| RPDB 8 Ontario Diagnos & Pathology Proceduses Order Appropriateness MarketAnalysis 9 DB 0 DACOS OHIP SISS | | | SDS |
| NACPS OHIP SDS | | | RPDB |
| NACPS OHIP SDS | | | |
| NACPS OHIP SDS | 916 | Ontario Diagnostic Pathology Procedures Order Appropriateness Market Analysis | IPDB DAD |
| SDS | | | NACRS ONLIR |
| RPDB | | | SDS |
| | | | KHDR |
| | | | |

| # | Project Title | ICES Data |
|----|--|--|
| 97 | Ontario Osteoporosis Strategy Evaluation - Update 2017 | PDB DN LHIN PCCF PCCF PCCF PCCF PCCF PCCF PCCF PCC |
| 98 | OPCAB vs ONCABIn Patents with Left Ventricular Dysfunction | PDB NST DAD NACRS OHIP SSS CENSUS CENSUS CROCK COX |
| 99 | OPEN Atlas Practicum 1 | CPDB IPDB IPDB IN INI INI INI INI INI INI INI INI INI |
| 20 | OPEN Allas Practicum 2 | CPDB PDB DN LIN PCOF REF CCRS CCRS ODB ON NACRS NRS OOB OHIP OMHRS SSS APTH APTH APTH APTH APTH APTH APTH APTH |
| 37 | OPEN Medication Management Atlas | CPDB PDB DN UNITY PCOF PCOF PCOF PCOF PCOF PCOF PCOF PCOF |

| # | Project Title | ICES Data |
|----------|---|------------------------------------|
| 922 | Opioid and non-opiod analgesicuse in patients with CKD: rates, trends and adverse outcomes | CPDB |
| | | IPDB LHIN PCCF |
| | | CORR |
| | | DAD OHIP SDS |
| | | RPDB CAPE |
| | | OUS CPDB |
| | | SDS NMS |
| | | |
| 93 | Opioid and non-opioid analgesicuse in patients with CKD: rates, trends and adverse outcomes | CPDS SDS |
| | | NMS |
| | | |
| 94 | Opioid prescribing patterns in long-term care residents | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST CCRS |
| | | DAD HCD NACRS |
| | | ODB |
| | | OHIP RAICA |
| | | SDS CONTACT |
| | | RPDB |
| <u> </u> | Onioid propagiting proplete for unomonundargoing aloretic property in | CORP |
| 92 | Opioid prescribing pradices for womenundergoing elective gynecologic | CPDB IPDB DIN |
| | | PCCF INST |
| | | INST DAD NACRS |
| | | NACKS ODB OHIP |
| | | OMHRS SDS |
| | | ODD CENSUS |
| | | CENSUS CONTACT RPDB |
| | | RPIDS NMS OCR |
| | | - |
| 95 | Opioid Prescription Surveillance Tool | PCCF DAD |
| | | NACRS |
| | | OHIP OMHRS |
| | | RPDB |
| 997 | Opioid Use after Nephrectomy for Kidney Cancer in Ontario | CDDB |
| 30 | opinis ou distriction in there y deriver in other to | CPDB IPDB DIN |
| | | DIN LHIN PCCF |
| | | INST |
| | | DAD NACRS ODB |
| | | OHIP RPDB |
| | | ETHNIC |
| | | NMS ORGD OCR |
| | | getacg CCRS |
| me | Oslaid usa and gana is anneath originary area | Filenames: neph_allsas7bdat |
| 20 | Opioid use and gaps in accessto primary care | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | REF DAD |
| | | NACRS ODB |
| | | OHIP OMHRS SDS |
| | | ASTHM |
| | | A COPD HIV |
| | | ODD CONTACT |
| | | RPDB CAPE |
| | | ONMARG NMS |
| | | getacg Community Health Centres |
| | Onjoide and the Disk of Haspitalization for Infection | IDDR |
| 959 | Opioids and the Risk of Hospitalization for Infection | IPDB DIN LHIN |
| | | PCCF REF INST |
| | | INST DAD |
| | | DAD NACRS ODB |
| | | OHIP SDS |
| | | CHF COPD HYPER |
| | | HYPER ODD CENSUS |
| | | CENSUS CONTACT RPDB |
| | | OLIS |
| | | ONMARG OCR |
| | | ORGD |
| 930 | Optimal timing of eGFR and proteinuria to define CKD | IPDB |
| 330 | | IPDB PCCF REF CORR |
| | | DAD |
| | | NACPS OHIP |
| | | SDS CONTACT RPDB |
| | | GDML OLIS |
| 1 | | |

| # | Project Title | ICES Data |
|-----|--|---|
| 931 | Optimizing integrated care for adults with COPD: The influence of the primary and specialist network of careon patient and system outcomes | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | SDS ASTHM |
| | | A COPD CENSUS |
| | | CONTACT POP RPDB |
| | | CAPE |
| | | ONMARG getacg |
| | | |
| 922 | Oral anticoagulant-related major bleeding definitions: comparis on and assessment of significance | DAD NACRS ODB |
| | | ODB |
| | | OHIP CHF HYPER |
| | | RPDB IPDB |
| | | DIN PCCF |
| | | REF AVGPRŒ CCRS |
| | | CORR |
| | | DAD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS ODD |
| | | CONTACT RPDB |
| | | ADP CAPE |
| | | GAPP HCDMOH |
| | | OHCAS OCCI |
| | | OCR TGLN FETSOR |
| | | ESTSOB OLIS |
| | | MS Access chart abstraction database Cohort |
| 933 | Organization of care in the dialysis unit | IPDB PCCF |
| | | REF INST |
| | | CCRS CORR |
| | | DAD NACRS |
| | | NRS OHIP |
| | | SDS CHF COPD |
| | | HYPER |
| | | ODD OMID |
| | | CONTACT RPDB |
| | | OUS ORRS |
| | | Dialysis program laboratory testing frequency |
| 934 | Osteoporosis pharmacotherapy in Ontario: examining patterns of use, safety, and effectiveness among first-time users | IPDB LHIN |
| | | LHIN PCCF REF |
| | | INST AVGPRICE |
| | | ESTSOB CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HYPER OCCC ODD |
| | | OMD |
| | | ORAD CENSUS |
| | | CONTACT RPDB |
| | | ERCLAIM LOC OCCI |
| | | OHCAS |
| | | OMMARG POPCAN OCR |
| | | |
| 955 | Otologic Surgery Subspecialization and Regionalization - Phase2 | LHIN DAD |
| | | NACRS |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HYPER ODD OMD |
| | | OMID CENSUS RPDB |
| | | ADP |
| | | CPDB IPDB |
| | | PCCF REF |
| | | INST OCCC |
| | | ORAD CONTACT POP |
| | | CAPE |
| | | MIS ONMARG |
| | | DEMENTIA ORGD |
| | | |

| # | Project Title | ICES Data |
|----------|---|---|
| 936 | Otologic Surgery Subspecialization and Regionalization - Phasel | LHIN |
| | | DAD NACRS OHIP |
| | | SDS |
| | | ASTHMA CHF COPD |
| | | COPD HYPER ODD OMD |
| | | CENSUS |
| | | RPDB ADP |
| | | CPDB IPDB PCCF |
| | | REF |
| | | INST OCCC |
| | | ORAD CONTACT |
| | | POP CAPE |
| | | MIS ONMARG |
| | | DEMENTIA ORGD |
| | | |
| 937 | Our Health Counts Toronto | CPDB IPDB |
| | | DAD NACRS |
| | | ODB OHIP OM/RS |
| | | OMHRS SDS |
| | | SDS MOMBABY ODD |
| | | ODD RPDB CAPE |
| 1 | | ERCLAIM OBSP |
| 1 | | ASTHMA CHE |
| 1 | | COPD |
| 1 | | HYPER OCR |
| <u> </u> | | Our Health Counts Toronto |
| 998 | Outcomes after regionalization of high risk endometrial cancerin Ontario | IPDB DAD |
| 1 | | NACES OHIP RPDB |
| | | ALR OCR |
| | | OCR PCCF ORGD |
| | | ORGD getacg |
| | | |
| 959 | Outcomes associated with antiretroviral drug resistance testing in Ontario | CPDB IPDB CCRS |
| | | CCRS DAD |
| | | DAD NACRS NRS |
| | | ODB OHIP |
| | | OMHRS |
| | | SDS RPDB CAPE |
| | | HIV genetic fingerprinting and drug testing reports |
| on | Outcomes for mCRPC patients treated with novel therapeutic agents byurologists or medical oncologists | |
| 30 | Outcomes of micked patients realed with novertilerapedit agents by drologiss of medical officingsis | DIN LHIN PCCF |
| | | REF INST CCRS |
| | | CCRS DAD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | SDS CHF |
| | | HYPER |
| | | ODD CENSUS |
| | | CONTACT RPDB |
| 1 | | OLIS % getacg |
| | Outcomes for patients with two condital biggroups and longuagery | |
| 941 | Outcomes for patients with myocardial Injury after non-cardiacsurgery | CPDB IPDB LHIN |
| | | PCCF |
| 1 | | REF INST |
| 1 | | ESTSOB CCRS CORR |
| 1 | | CPRO |
| 1 | | DAD NACRS |
| 1 | | NRS ODB |
| 1 | | OHIP OMHRS SDS |
| 1 | | SDS ASTHMA CHF |
| 1 | | CHF COPD |
| 1 | | COPD HIV HYPER |
| 1 | | OCCC |
| 1 | | OMD ORAD |
| 1 | | CENSUS |
| 1 | | CONTACT POP RPDB |
| 1 | | HCES |
| 1 | | CAPE CENSUSCA ERCLAIM |
| | | ERCDAIM GAPP ONMARG |
| 1 | | COMMERCY POPCAN CCHS |
| 1 | | PCPOP |
| 1 | | CHC |
| | | |

| # | Project Title | ICES Data |
|-----|---|----------------------------|
| # | Project Title Outcomes of cardiovascular disease patients in Northern vs Southern Ontario | IPDB |
| | | LHIN INST |
| | | DAD OHIP |
| | | Onlie SDS CHF |
| | | HYPER |
| | | ODD RPDB |
| | | CCHS ORGD |
| | | |
| | | |
| 98 | Outcomes of critically ill frail patients and costanalysis | OCR CCHS |
| | | |
| 944 | Outcomes of kidney transplant recipients with and without diabetes | IPDB |
| | | DIN PCCF |
| | | REF AVGPRŒ |
| | | CCRS |
| | | CORR DAD NACRS |
| | | NRS ODB |
| | | OHIP |
| | | OMHRS SDS ODD |
| | | ODD CONTACT |
| | | RPDB ADP |
| | | CAPE |
| | | GAPP HCDMOH |
| 1 | | OHCAS OCCI |
| | | OCR |
| | | TGLN ESTSOB |
| | | OLIS ORGD |
| | | |
| 95 | Outcomes of urological interventions for stone removal in patients with autosomal dominant polycystic kidney disease | PCCF REF |
| | | REF DAD NACPS |
| | | OHIP |
| | | SDS CONTACT |
| | | RPDB GDML |
| | | CPDB IPDB |
| | | DIN |
| | | INST NRS |
| | | ODB OMHRS |
| | | CM INC |
| 96 | Outdoor Pollution Exposure Risk Assessment (OPERA): Understanding the relationship between air pollution and chronic diseases | DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | ASTHMA |
| | | CHF COPD |
| | | HYPER ODD OMD |
| | | CENCIE |
| | | CONTACT RPDB ONMARG CCHS |
| | | ONMARG CCHS |
| | | OCR |
| | | ORGD OPHECE ETHNIC |
| | | ETHNIC MOMBABY |
| | | PM25 components and metals |
| 97 | Ovarian cancer risk following salpingedomy | DIN LHIN |
| | | PCCF |
| | | REF DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | SDS CONTACT RPDB |
| | | RPDB OCR ORGD |
| | | OKGD |
| | | |
| 98 | Overactive bladder medications and risk of arrhythmias | ous |
| | | |
| 99 | Oxycodone as a predictor of persistent postpartum opioid use | CPDB |
| | | IPDB DIN |
| | | PCCF REF |
| | | INST |
| | | DAD NACRS |
| | | ODB |
| | | OHIP MOMBABY CENSUS |
| | | RPDB |
| | | ONMARG NMS OMHRS |
| | | OMHRS getacg |
| | | |
| | | |

| # | Project Title | ICES Data |
|----------|---|---|
| 50 | Palliative chemotherapy regimens in PANcreas Adenocacinoma: a population-based Cost Effectiveness Analysis (PANACEA) | CPDB DIN |
| | | DIN LHIN INST |
| | | CCRS |
| | | DAD HCD NACRS |
| | | NRS |
| | | ODB OHIP OM:IRS |
| | | SDS CENSUS |
| | | ONMARG ALR |
| | | CIC NDFP |
| | | OCR IPDB |
| | | PCCF RPDB |
| | | ERCLAIM %getradiationcost |
| | | % getchemocost Wholesale Cancer Drug Costs |
| 951 | Parkinsonism Algorithm Incidence and Mortality | DAD |
| | , | NACES OHIP SDS |
| | | SDS CONTACT RPDB |
| | | RPDB |
| | | |
| 902 | Patient and physician characteristics associated with high community antibiotic and opioiduse: an OPTIMISE study | IPDB INST |
| | | DAD NACPS |
| | | ODB OHIP |
| I | | ORAD CONTACT |
| 1 | | POP RPDB |
| I | | CAPE PCPOP |
| 1 | | DIN ODB |
| 1 | | ASTHMA |
| I | | CHE COPD HYPER |
| I | | HYPER ODD OMD |
| I | | DEMENTIA |
| <u> </u> | | Xponent 2 |
| 953 | Patient predictors of disease progression in acute type Baortic dissection in Ontarians | CPDB IPDB |
| | | LHIN REF INST |
| | | DAD |
| | | OHIP CENSUS |
| | | RPDB NACRS |
| | | SDS HYPER |
| I | | ODD ORAD |
| L_ | | |
| 954 | Patient reported outcome measures (ESAS) as a predictor of peri-treatment events in head and neck carcerpatients | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP OCCC |
| | | ORAD CENSUS RPDB |
| | | OLIS |
| 1 | | RAICA |
| 955 | Patient-Centered Care Transitions in Heart Failure (PACT-HF): A Pragmatic Multi-Center Cluster Randomized Trial | PCCF |
| 1 | | ONMARG OCR |
| | | |
| 956 | Patient-Centred Innovations for Persons with Multimorbidity (PACE in MM) Propensity Matched Control Comparison for TIPIMPACT Plus Ev aluation | CPDB IPDB |
| I | | LHIN PCCF |
| 1 | | PCCF AVGPRŒ ESTSOB |
| I | | ESTSOB CCRS DAD |
| 1 | | DAD HCD NACRS |
| 1 | | NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS |
| I | | ASTHMA CHE |
| 1 | | COPD HIV |
| 1 | | HYPER OCCC |
| I | | ODD OMD |
| 1 | | ORAD CENSUS |
| I | | CONTACT POP RPDB |
| 1 | | CAPE |
| I | | GAPP ONMARG |
| 1 | | PCPOP PACEinMM |
| 957 | Patient-reported symptoms in the perioperative period of breast cancert realment | LHIN |
| 1 | | PCCF INST |
| 1 | | DAD |
| I | | HCD NACRS |
| 1 | | ODB OHIP |
| I | | SDS CENSUS |
| 1 | | RPDB |
| 1 | | ONMARG ALR |
| 1 | | CIC OCR |
| 1 | | ESAS |
| | | |

| -# | Project Title | ICES Data |
|----------|--|--|
| # | Project Title Patients' use of health services in HNHBLHN over time and in the future | IPDB |
| 1 | | LHIN PCCF |
| 1 | | DAD HCD |
| | | NACRS NRS |
| | | OHIP OMHRS |
| | | SDS ASTHMA CHF |
| | | CHF |
| | | COPD HIV |
| | | HYPER OCC |
| | | ODD OMD ORAD |
| | | ORAD CENSUS |
| | | CONTACT RPDB |
| | | OCR |
| | | REF ESTSOB |
| | | ESTSOB CIC INST |
| | | ODB CAPE |
| | | HNHB LHIN Subregion Boundaries |
| 959 | Patterns and characteristics of carefor patients with COPD following admissionor visit to hospital in Southeast Ontario | CCRS CHF |
| | | getacg |
| | | |
| 90 | Patterns of aggressive endof life care in gastrointestinal cancer - focuson palliative care referrals and ICU admissions | LHIN |
| 1 | 99 | LHIN PCCF CCRS |
| 1 | | DAD |
| 1 | | HCD NACRS |
| 1 | | NRS ODB |
| 1 | | OHIP OMHRS |
| 1 | | RPDB ADP |
| 1 | | ESAS |
| <u> </u> | | |
| 961 | Patterns of brand and generic concerta use in Ontario | IPDB DIN |
| 1 | | DAD NACRS |
| | | ODB OHIP |
| | | RPDB NMS |
| | | NMS |
| | | |
| 902 | Patterns of Cardiovascular Drug UseBefore and After Acute Kidney Injury | IPDB DIN |
| | | LHIN |
| | | PCCF REF |
| | | CORR DAD NACRS |
| | | NACRS ODB |
| | | ODB OHIP |
| | | SDS HYPER |
| | | ODD CENSUS |
| | | CONTACT POP RPDB |
| | | RPDB OLIS |
| | | |
| | | |
| 953 | Patterns of care in chemotherapy delivery for testicular germ cell tumors: Apopulation - based study | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF |
| | | REF INST |
| | | CORR DAD |
| 1 | | NACRS ODB |
| 1 | | OHIP |
| 1 | | SDS CENSLS RPDB |
| 1 | | ALR |
| 1 | | OCR Testes and RPLND Booth Database |
| 1 | | |
| 1 | | |
| 364 | Patterns of care in patients with diabetes and chronickidney disease | CPDB IPDB |
| | | IP DB DIN LHIN |
| 1 | | INST |
| 1 | | CORR DAD |
| 1 | | HCD |
| 1 | | NACRS ODB OHIP |
| 1 | | CHF |
| 1 | | COPD HYPER ODD |
| 1 | | RPDB |
| 1 | | CAPE |
| 1 | | ONMARG GDML CONTACT |
| 1 | | CIC OUS |
| 1 | | OLIS . |
| 96 | Patterns of HbA1c and cholesterol testing among Ontarians with diabetes | CPDB |
| 343 | | CPDB IPDB DIN |
| I | | LHIN |
| 1 | | PCCF REF |
| I | | DAD OHIP |
| 1 | | ODD CENSUS |
| 1 | | RPDB |
| 1 | | CAPE OLIS |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|---|--------------------------|
| 966 | Patterns of Mortality among Adults with Intellectual and Developmental Disabilities | LHIN PCCF |
| | | REF CCRS |
| | | DAD HCD NACRS |
| | | OHIP |
| | | OMHRS RAICA RAIHC |
| | | SDS |
| | | CHF COPD HYPER |
| | | HYPER ODD |
| | | CONTACT RPDB |
| | | ONMARG RAIHCMOH |
| | | OBSP OCR |
| | | ORGD |
| | | |
| 967 | Patterns of referral and treatment for melanoma and non-melanoma skin cancers within the South West region of Ontario | CPDB IPDB |
| | | DAD NACRS |
| | | ODB |
| | | OHIP OMHRS |
| | | RPDB CAPE |
| | | ONMARG EMRALD |
| | | CIC INST |
| | | |
| 988 | Patterns of referral and treatment for melanoma within Southwestern Ontario | CPDB IPDB |
| 1 | | LHIN PCCF |
| 1 | | REF INST |
| 1 | | CORR DAD |
| 1 | | NACRS |
| 1 | | NACRS OHIP SDS |
| 1 | | CENSUS CONTACT |
| | | POP |
| | | RPDB ODB |
| | | ALR NDFP |
| | | OCR PCPOP |
| | | getacg |
| 959 | Patterns of Rehospitalizations after Mechanical Ventilation in Ontario | DIN |
| | | REF INST |
| | | CCRS DAD NACRS |
| | | ODB |
| | | OHIP |
| | | RAICA RAIHC SDS |
| | | RPDB |
| | | |
| 970 | Patterns of surgical treatment of benign prostatic hypetrophy in Ontario: Timing, Modalities, and Outcomes | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST DAD |
| | | NACPS |
| | | ODB OHIP |
| | | SDS HIV |
| | | CENSUS RPDB |
| 1 | | NMS |
| | | |
| 971 | Patterns or Usage and Geographic Optimization of Preoperative Anesthesia Consulation | LHIN DAD NACRS |
| 1 | | OHIP |
| 1 | | SDS ASTHM |
| 1 | | A CHF COPD HYPER |
| 1 | | HYPER OCCC ODD |
| 1 | | OMD |
| 1 | | ORAD CENSUS |
| 1 | | RPDB CPDB |
| 1 | | IPDB DIN |
| 1 | | PCCF REF |
| 1 | | REF INST ODB |
| 1 | | CONTACT POP |
| 1 | | ONMARG DEMENTIA |
| 1 | | DEMENTIA ORGD |
| | | CORPO |
| 972 | Payment data for medical specialties | CPDB IPDB |
| 1 | | LHIN PCCF AVGPRIGE |
| 1 | | STDPRICE |
| 1 | | OHIP CENSUS |
| 1 | | CONTACT POP |
| 1 | | RPDB |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|--|
| | PC Comprehensiveness and Setting Diversity | |
| | | CPDB IPDB LHIN |
| | | PCCF REF |
| | | OHIP CAPE ERCLAIM |
| | | GAPP GRPPH'S |
| | | ARCHPAY AHSC |
| | | Alloo |
| 94 | PCICABG ratio variation and its influence in patients outcomes in Ontario | LHIN |
| 31 | POLONOS TARIO VARIARION ARIO RIS IRRUERIOS RIL PAREIRIS OULCORRES RIL OTRARIO | LTIIN REF DAD NACRS |
| | | NACRS OHIP |
| | | SDS CHF |
| | | COPD HYPER |
| | | ODD CENSUS |
| | | RPDB CCN SDS |
| | | OLIS |
| | | ORGD |
| 95 | PCMCH Performance Measurement Framework - Phase1 | DAD |
| | | HCD NACRS OHIP |
| | | ONIFRS MOMBABY |
| | | CENSUS CONTACT POP |
| | | POP RPDB |
| 1 | | NPUB ORGD PCPCP |
| 1 | | ORGD |
| 9% | Pediatric vision screening, ambly opia detection, and the long-term economic burden in Ontario | CPDB |
| 1 | <u> </u> | IPDB DIN |
| | | PCCF REF INST |
| 1 | | INST AVGPRICE ESTSOB |
| | | CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OM:IRS |
| | | OWINES SDS MOMBABY |
| | | POP |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | OCCI OHCAS ODD |
| | | NMS |
| 977 | Peel Region Trends in Mental Health, Chronic Disease, and Childhood Disabilities | PCCF |
| | Too Togoti Totad il Hone il Gala, Gillonio Siddad, and Gillianoa Siddaliado | PCCF REF DAD |
| | | SDS RPDB OCR |
| | | OCR |
| _ | | |
| 978 | Perinatal Health Outcomes Associated with Prenatal Opioid Exposure: A Population-based Retrospective Cohort Study in Ontario | PCCF CORR DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHP OMHRS |
| 1 | | RAICA SDS |
| 1 | | ASTHMA CHF |
| 1 | | COPD HIV |
| 1 | | HYPER MOMBABY OCCC |
| 1 | | OCCC ODD OMD |
| 1 | | ORAD |
| 1 | | CENSUS RPDB |
| 1 | | ONMARG NMS |
| 1 | | ORGD CIC |
| | | |
| 99 | Perioperative costofurological intervention for urinary tractstones in autosomal dominant polycystic kidney disease | MOMBABY OCCC |
| 1 | | PPDR |
| 1 | | BORN PM25, NO2 and O3 exposures by postal code |
| | Decognised Birks at althous for a desate with a costat//85 ANYA's | Ous |
| 980 | Personalised Risk stratification for patients with prostate carcer (PRONTO) | |
| 981 | Personalized Medicine and Drug Response in Inflammatory Bowel Disease | IPDB |
| 1 | | DIN LHIN |
| 1 | | PCCF REF |
| 1 | | INST AVGPRICE CCRS |
| 1 | | DAD |
| 1 | | NACRS ODB OHIP |
| 1 | | OMHRS |
| 1 | | SDS RPDB |
| 1 | | ADP OHCAS OCCI |
| 1 | | OCCI GDML |
| | | Personalized Medicine Database |
| | | |

| -4 | Drainet Title | ICES Data |
|-----|--|--|
| # | Project Title Personalized Medicine and Drug Response in Pediatric Oncology | ICES Data |
| | • · · • · · · · · · · · · · · · · · · · | DIN LHIN |
| 1 | | PCCF REF |
| | | INST AVGPRŒ |
| | | CCRS DAD NACRS |
| | | ODB |
| | | OHIP |
| | | OMHRS SDS RPDB |
| | | ADP OHCAS |
| | | OCCI GDML |
| | | Personalized Medicine Database |
| | S 4 WD 1 | |
| 963 | Persons with TBI who are repatriated to other acute hospitals after initial treatment at a trauma centre | DAD NACRS OHIP |
| | | OHIP SDS CONTACT |
| | | RPDB |
| | | AVGPRŒ ESTSOB RAICA |
| | | RAICA RAIHC ODB |
| | | GAPP |
| | | OCCI CIC |
| | | getacg |
| nev | Partius sis Vaccina Effactivanas s in Ontaria - Analusis of Administrativa Date | |
| 354 | Pertussis Vaccine Effectiveness in Ontario - Analysis of Administrative Data | iPHIS Pertussis Data and PHOL Pertussis Data |
| 95 | Physician care at the end of life: Describing patterns of care and evaluating outcomes | CPDB |
| | • | IPDB DIN |
| | | LHIN |
| 1 | | PCCF REF INST |
| 1 | | AVGPRICE |
| 1 | | ESTSOB CCRS DAD |
| 1 | | DAD HCD NACRS |
| | | NRS |
| | | ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC |
| | | SDS CHF COPD |
| | | HYPER |
| | | OCCC ODD |
| | | OMID ORAD CENSUS |
| | | CENSUS CONTACT |
| | | CONTACT POP RPDB |
| | | DEMENTIA ORGD |
| | | CAPE |
| 96 | Physician Compensation - Specialists | DIN |
| | Thy district Composition - Specialists | REF CCRS |
| | | DAD NACRS |
| | | ODB |
| | | OHIP SDS |
| | | COPD HYPER ODD |
| | | CENSUS CONTACT |
| | | CONTACT RPDB |
| 1 | | |
| 907 | Physician Compensation Project Update 2015/16 | CPDB IPDB |
| 1 | | IPDB AVGPRŒ |
| 1 | | STDPRIC E DAD |
| 1 | | E DAD OHIP RPDB CAPE GAPP |
| 1 | | CAPE GAPP |
| 1 | | AHSC ARCHPAY GRPPHYS |
| | | GRPPHYS |
| | | |
| 98 | Physician Compensation Update 2016/17 | IPDB DIN |
| 1 | | LHIN PCCF |
| 1 | | |
| 1 | | CORR DAD NACRS |
| 1 | | NACRS ODB OHIP |
| 1 | | CHE |
| 1 | | HYPER CONTACT |
| 1 | | RPDB OLIS |
| 1 | | |
| 989 | Physician Compensation Updated 2017/18 | CPDB IPDB |
| 1 | | IPDB PCCF |
| 1 | | PCCF REF AVGPRIŒ |
| I | | ESTSOB OHIP |
| I | | CAPE ERCLAIM |
| 1 | | ERCLAIM GAPP PCPOP |
| 1 | | ARCHPAY |
| 1 | | AHSC GRPPHYS |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|---|
| 3 | Physician health and its impacton their practice: The Onlario Physicians Health Study | PDB DN LHIN PCCF AVGPRE STDPRIC E CCRS PCD |
| | Physician's Opioid Prescribing Paterns in Ontario | CPDB IPDB DN DAD NACIS OOB CHIP RPB NMS |
| 992 | Pneumococcal vaccination in patients with CLL | PD B B DAD CONTACT RPDB COR |
| 93 | Polysomnography testing and respiratory-telated morbidity and mortality among individuals with idiopathic pulmonaryfibrosis (PF) | PDB DN PCCF REF DAD MACRS OWNER COMPR COMPR SDS SDS CHF COPD HYPER ODD ODD ODD ODD ODD ODD ODD ODD ODD OD |
| | Population Based Study of Maternal and Perinatal Outcomes in Women with Prosthetic Heart Valves | POB |
| 签 | Population health and health care utilization in Mississauga Ontario | LIMIN PCEF NST AVGPRŒ CCRS DAD HACRS NOB OHIP OMHRS SDS ASTIMA CHF COP COMD CENSUS CCONTACT PCP GAPP CAPE GAPP CCCI GARG COMARG |

| # | Project Title | ICES Data |
|------|--|--------------------------|
| 996 | Population health indicators to support public health and health system surveillance and planning in Ontario | THIN |
| | | PCCF REF |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | SDS ASTHM A CHF |
| | | COPD |
| | | HYPER ODD |
| | | OMID CENSUS |
| | | CONTACT POP RPDB |
| | | RPDB |
| | | |
| 997 | Population study of home-time after stroke in Ontario (shorttitle: HT-OSR) | LHIN PCCF |
| | | DAD NACRS OHIP |
| | | OMHRS |
| | | RPDB CIC |
| | | MCSCS LOC |
| | | |
| 998 | Population-based Risk Estimation to Drive Improved personalized Care and Translation in Chronic Kidney Disease (PREDICT CKD) Lifestyle | DIN REF |
| | | REF CORR DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | RPDB OUS |
| | | OIIS ORGD CCHS |
| | | ORRS |
| | | |
| 999 | Population-based study of cardiovascularand cerebrovascular morbidity and mortality in patients with gout on febuxostativs allopurinol | IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | CHF COPD |
| | | HYPER ODD |
| | | ORAD |
| | | CENSLS RPDB OLIS |
| | | ONMARG ORGD |
| | | ONGE |
| 1000 | Post Migration Diagnosis of Mood and Anxiety Disorders among First-Generation Migrant Groups in Ontario | DAD |
| 1000 | rostwigtawn Diagnosis Orwood and Anxiety Disorders among Filse-Generation wighant Groups in Oriento | NACRS OHIP |
| | | OMHRS RPDB |
| | | ONMARG ORGD CIC |
| | | CIC |
| | | |
| 1001 | Post-Bleed Management of Anithrombotic Therapy (PANTHER) | CPDB |
| | | IPDB DIN LHIN |
| | | PCCF |
| | | REF INST |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHM |
| | | A CHF |
| | | COPD HYPER ODD |
| | | OMD |
| | | CENSUS CONTACT POP |
| | | RPDB |
| | | ONMARG CCRS OCR |
| | | HCD |
| | | RAICA RAIHC |
| | | |
| 1002 | Post-discharge outcomes and service utilization among male and female psychiatric inpatients with a history of trauma | LHIN PCCF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OHIP OMHRS ASTHMA |
| | | AS IHMA CHF COPD |
| | | HIV |
| | | HYPER MOMBABY |
| | | OCC ODD |
| | | OMD ORAD |
| | | RPDB ORGD CCRS |
| | | CCRS |
| | | |

| # | Project Title | ICES Data |
|------|--|--------------------------|
| | Postoperative complications and failure to rescue in adult patients undergoing cardiac surgery | IPDB |
| | | DIN LHIN PCCF |
| | | REF |
| | | INST CCRS |
| | | CORR DAD |
| | | HCD HOBIC |
| | | NACRS ODB |
| | | OHIP RAICA |
| | | ASTHM A CHF |
| | | COPD HYPER |
| | | ODD CENSUS RPDB |
| | | ORGD |
| | | CORR ODB |
| | | OCCI ETHNIC |
| | | CCN OLIS |
| | | |
| 1004 | Postpartum depression Action toward Causes and Treatment (PACT) - Canada Predictive Analytic Models of PPD Risk | EMRALD |
| | | |
| 1005 | Postpartum maternal opioid therapy and the risk of adverse neonatal outcomes – a retrospective cohort study | CPDB |
| | | IPDB DIN |
| | | PCCF REF INST |
| | | INST DAD |
| | | NACPS ODB |
| | | OHP SDS |
| | | MOMBARY |
| | | CENSUS RPDB |
| | | ONMARG NMS ORGD |
| | | ORGD |
| | | |
| 1006 | Post-release health care utilization in an HIV+ population | CPDB IPDB |
| | | PCCF |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | HIV |
| | | RPDB Data |
| | | from Ministry |
| | | of Community |
| | | Safety and |
| | | Correctional Services |
| | | already brought |
| | | to |
| | | ICES for |
| | | project P 0800 825 |
| | | 000 |
| | | CHC |
| 1007 | Post-surgical use of low-molecular weighthe parins (LMWH) in Ontario | OHIP |
| 1007 | Total Salignation of the Model and Model and Carrier of the Model and C | |
| 1008 | Post-Surgical Use of Low-Molecular Weight Hepailins (LMWH) in Ontario | DIN |
| .500 | Committee of the commit | DAD NACRS |
| | | ODB SDS |
| | | SUS RPDB OHIP |
| | | · · · · · |
| 1009 | Potentially inappropriate medication use for CKD patients followed in multi-care kidney clinics | IPDB DIN |
| | | LHIN |
| | | PCCF REF CORR |
| | | DAD |
| | | NACRS ODB |
| | | OHIP |
| | | HYPER ODD |
| | | CONTACT RPDB |
| | | OLIS ORRS |
| | | |
| 1010 | Practice patterns among early-careerprimary carephysicians and work force planning implications: A mixed-methods study | IPDB |
| | Jamy and the second sec | IPDB DIN PCCF |
| | | PCGF REF AVGPRIŒ |
| | | ESTSOB |
| 1 1 | | DAD NACRS |
| | | ODB OHIP |
| | | SDS CHF |
| | | COPD |
| 1 1 | | HYPER ODD |
| | | OMID CENSUS |
| | | CONTACT RPDB |
| | | OUS PCCF |
| | | ORGD |
| | | PCPOP CHC |
| 1 | | |

| # | Project Title | ICES Data |
|------|--|---|
| | Practice Patterns and Long-Term Health Outcomes of Bilateral Oophoredomy at Hysterectomy | IPDB LHIN |
| | | INST DAD |
| | | NACRS ODB OHIP |
| | | OMHRS |
| | | SDS CHF HYPER |
| | | MOMBABY |
| | | ODD OMID CENSUS |
| | | CENSUS CONTACT RPDB |
| | | ONMARG DEMENTIA |
| | | ORGD |
| | | CCHS CIC OCR |
| | | getacg ETHNIC OHS |
| | | OHS |
| 1012 | Practice patterns in knee arthroscopy: an evaluation based on QBP funding reforms | CPDB IPDB |
| | | LHIN |
| | | PCCF REF INST |
| | | INST DAD HCD |
| | | NACRS NRS |
| | | OHIP |
| | | SDS ASTHMA CHF |
| | | COPD HYPER |
| | | ODD OMID |
| | | ORAD CENSUS |
| | | CONTACT POP RPDB |
| | | RPDB HCDMOH ONMARG |
| | | ONMARG ORGD |
| | | |
| 1013 | Practice patterns of FPGP psychotherapists and psychiatrists | IPDB PCCF |
| | | REF INST |
| | | DAD |
| | | NACRS OHIP SDS |
| | | COPD ODD |
| | | CENSUS CONTACT |
| | | RPDB OLIS |
| | | OCR |
| | | |
| 1014 | Practice patterns of Ontario physicians wαrking in 'boutique' medical clinics (Part 1) | CPDB IPDB |
| | | LHIN PCCF AVGPRŒ |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS CONTACT |
| | | RPDB ADP |
| | | CAPE GAPP OHCAS |
| | | OCCI |
| | | getacg Ontario Physicians in Boutique Medical Practice |
| 1015 | Predicting and meeting the need for long-term care in the population | IPDB |
| | | LHIN PCCF REF |
| | | INST AVGPRICE |
| 1 | | STDPRIC E CCRS |
| | | DAD HCD NACRS |
| 1 | | NPS |
| | | ODB OHIP |
| | | OMHRS RAIHC |
| | | SDS ASTHMA CHF |
| | | COPD HIV |
| | | HYPER ODD |
| | | OMID |
| | | CONTACT RPDB ADP |
| | | CAPE GAPP |
| | | OHCAS OCCI |
| | | Estsob |
| | | |
| 1016 | Predicting high-intensity opioid presαibes in Long-Term Care(LTC) | ORRS |
| | Dealle College December 1 Colleg | CORS |
| 1017 | Predicting Mortality and Stroke Recurrencein Patients Post-Stroke: An Evidence-Based Risk Score | CCRS DAD NACRS |
| | | CONTACT |
| | | RPDB OSR |
| | | |
| | | |

| # | Project Title | ICES Data |
|------|--|--|
| 1018 | Predicting resource utilization and costs in Irail and non-frail patients undergoing cardac surgery in Ontario | DN PCCF ESTSGB DAD HCD NORS OGG GHIP RAICA RAIHC SSS RYDB CCRR NRS COMPRE CORR NRS CHIP COMPRE CHIP COMPRE CHIP COMPO COMP |
| | Predicting the Future Burden of the Inflammatory Bowel Diseases: A Study of the Canadian Gastro-Intestinal Epidemiology Conscritum (CanGIEC) | PED PPCOF AVGPRE ESTROB CORE STROB |
| 1020 | Predicton and Application of Disability-Free Survival in Patients undergong Cardiac Procedures | PDB INST CCRS DAD ADA MACRS MACRS OHIP SDS SDS ASTHMA CHF COPD HYPER ODD CENSIG POP RPDB CLS ETHNIC ORRD CORD CORD CORD CORD CORD CORD COR |
| 1021 | Prediction Modelling Using Artificial Intelligence Acollaborative program between ICES and Vector Institute | CPDB IPDB IPDB IN LINI LINI LINI PEF PEF REF RST CCRS DAD HOBIC HOBIC HOBIC HOBIC HOBIC HOBIC OMHERS RAICA RAHEC SSHM A CHF COPD HV HVPER HWPER MOMBABY MOMBABY MOMBABY COCC COCC COCC COCC COCC COCC COCC CO |
| 1022 | Prediction of 30-day readmissions for heart failure patients in Ontario | PDB PCCF PCCF DAD DAD DAD OHIP SSDS ASTHMA CHEP COPD HYER COPD RPDB RehamidF EMMRG EFMECT 2 |

| # | Project Title | ICES Data |
|------|--|---|
| 1023 | Prediction of Risk of Cardiovascular Disease in Women Diagnosed with Early Stage Breast Cancer | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST AVGPRŒ |
| | | ESTSOB CCRS |
| | | CORR CPRO |
| | | DAD HCD |
| | | HOBIC NACRS NRS |
| | | NKS ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC SDS CHF |
| | | CHF COPD HYPER |
| | | ODD OMD |
| | | CENSUS CONTACT POP |
| | | RPDB |
| | | OLIS EMRALD ORGD |
| | | ALR NDFP |
| | | OBSP OCR |
| | | Early stage breast cancer (ESBC) getacg |
| | | |
| 1024 | Prediction of severe maternal morbidity among women who give birth following assisted reproductive technology | PCCF REF DAD |
| | | OHIP MOMBABY |
| | | ORAD CENSUS |
| | | RPDB ONMARG |
| | | CIC BORN OMHRS |
| | | ODD |
| 1025 | Predictors of adherence among post-menopaus alwomen receiving adjuvant endocrine the rapy for breast cancer in Ontario, Canada | LHIN |
| | | LHIN PCCF INST DAD |
| | | NACRS OHIP |
| | | OMHRS ASTHMA |
| | | CHF COPD HIV |
| | | HYPER MOMBABY |
| | | OCCC ODD OMD |
| | | OMID ORAD CENSUS |
| | | CENSUS RPDB ONMARG |
| | | CIC LHIN |
| | | Dementia |
| 1026 | Predictors of adverse respiratory events associated with incident opioid use amongolder adults with COPD | IPDB DIN |
| | | PCCF REF DAD |
| | | HCD |
| | | NACRS ODB OHIP |
| | | OMHRS SDS |
| | | CHF COPD |
| | | HYPER ODD |
| | | OMD CONTACT RPDB |
| | | OCR ORGD |
| | | |
| 1027 | Predictors of death and dialys is dependence in patients with dialys is ∢equiring AKI | REF CORR DAD |
| | | OHIP SDS |
| | | RPDB Acute |
| | | Kidney Injuny Registry |
| | | · · · · · · · · · · · · · · · · · · · |
| 1028 | Predictors of Hospitalization in Children Presenting to the Emergency Department with Croup | CHF |
| | | |
| 1029 | Predictors of Oral Anticoagulant-related Adverse Events among Seniors following Hospital Discharge: Apopulation-based Cohort Study | DIN PCCF |
| | | REF DAD |
| | | ODB OHIP |
| | | SDS HYPER ODD |
| | | CENSUS RPDB |
| | | ETHNIC CIC |
| | | OMHRS CAPE |
| | | CCRS CORR HCD |
| | | RAICA RAIHC |
| | | DEMENTIA |
| | | |

| # | Project Title | ICES Data |
|------|---|---|
| 1030 | Predictors of stroke and bleeding in elderly Ontario patients with Newly-recognized Afrial Fibrillation | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST AVGPRICE |
| | | ESTSOB DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | CHF COPD HYPER |
| | | ODD |
| | | OMID CENSUS CONTACT |
| | | RPDB OLIS |
| | | OCR ORGD DEMENTIA |
| | | DENENIA |
| 1031 | Predictors of Wait-Times for Patients with Severe Aortic Stenos is Undergoing Transcatheter Aortic Valve Implantation: A Pan-Canadian Study | IPDB DIN |
| | | LHIN |
| | | PCCF REF INST CCRS |
| | | DAD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | SDS CHF COPD |
| | | HYPER ODD |
| 1 | | OMD RPDB |
| | | CCN |
| 1 | | St Boniface General Hospital (Manitoba) local TAVI database |
| | | INESSS (Institut national d'excellence en santé et en services sociaux) (Quebec) TAVI data |
| | | New Brunswick Heart Centre local TAVI Database |
| | | Nova Scotia's QE II Health Sciences Centre TAVI Data |
| | | Libin Cardiovascular Institute of Alberta/Foothills Medical Centre - Approach Database |
| | | INESSS (Institut national d'excellence en santé et en services sociaux) (Quebec) TAVI |
| | | data University of Alberta Hospital TAVI local database Regina General Hospital TAVI local database |
| | | Cardiac Services BC TAVI Registry |
| 1000 | | Health Sciences Centre (Newfoundland) local TAVI database |
| 1032 | Predictors, Patterns, and Outcomes of Opioid Use in Pattents with Inflammatory Bowel Disease | CPDB IPDB DIN |
| | | PCCF INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHMA |
| | | ASTHMA OCCC ORAD |
| | | CONTACT RPDB |
| | | ADP CAPE |
| | | GAPP OCCI |
| | | OHCAS NMS OCR |
| | | getac 9 |
| | | RAIC A |
| 1033 | Pregnancy in Women with Disabilities: Using Novel Methods to Characterize Risk | RAIHC IPDB |
| | | PCCF DAD NACRS |
| 1 | | ODB OHP |
| 1 | | OMHRS SDS ASTHMA |
| 1 | | CHF |
| 1 | | COPD HYPER MOMBABY |
| 1 | | OCC |
| 1 | | ODD ORAD CONTACT |
| 1 | | RPDB CAPE |
| 1 | | ONMARG CIC ORGD |
| | | OKED HIV |
| 1034 | Pregnancy outcomes after appendactomy | IPDB LHIN |
| | | PCCF |
| | | REF INST DAD |
| 1 | | NACRS OHIP |
| | | SDS MOMBABY |
| | | CENSUS CONTACT |
| | | POP RPDB BORN |
| | | - Solit |
| | | |

| # | Project Title | ICES Data |
|------|--|---------------------------|
| 1035 | Pregnancy Outcomes in Patients with Psoriasis | IPDB |
| | | REF DAD |
| | | OHIP MOMBABY CENSUS |
| | | RPDB |
| | | HYPER ODD CONTACT |
| I | | CONTACT |
| 1036 | Pregnancy outcomes in women with chionic kidney disease | IPDR |
| 1030 | Tregnancy duconies in wonen was chonic variety asease | IPDB LHIN PCCF |
| | | REF |
| | | CORR DAD NACRS |
| | | OHIP |
| | | SDS HYPER |
| | | MOMBA BY ODD |
| | | CONTACT RPDB |
| | | OLIS GDML |
| | | |
| 1037 | Pregravid cardiometabolic risk factor profile and subsequent glucosechallenge test in pregnancy | PCCF |
| 1001 | Trograma darabinassono inin adab prana dara dabadabin gladoba darang nagranny | DAD OHIP |
| | | SDS |
| | | MOMBABY ODD |
| l | | RPDB OLIS |
| | | ETHNIC |
| | | |
| 1038 | Premature mortality among children and youth in Ontario | LHIN DAD |
| I | | NACRS OHIP |
| I | | SDS MOMBABY CENSUS |
| I | | RPDB |
| | | ORGD CIC |
| | | |
| 1030 | Premature mortality and multimorbidity among persons living with diabetes | PCCF |
| 1033 | Tremation not barry and material ports of a string with diabetes | REF AVGPRŒ |
| | | CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHMA CHF |
| | | COPD HYPER |
| | | OCCC |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | CONTACT RPDB |
| I | | ADP CAPE GAPP |
| I | | OCCI |
| I | | OHCAS ONMARG |
| I | | CIC OCR |
| I | | getacg |
| I | | |
| 1040 | Prenatal biochemical screeningand the long-term risk of cardiovas culardis ease, cancer and all-cause mortality | ORGD |
| | | |
| 1041 | Prenatal Opioid Exposure and Neonatal Abstinence Syndrome: A Research Project with Indigenous Peoples in Ontario First Nations | INST |
| | | |
| 1042 | Prescribing Cascades | IPDB DIN |
| I | | LHIN |
| I | | PCCF REF CCPS |
| l | | CCRS DAD HCD |
| l | | NACRS |
| I | | NRS ODB |
| I | | OHIP RAIHC |
| I | | RAIHC SDS CHF |
| I | | COPD HYPER |
| I | | ODD CONTACT RPDB |
| | | RPDB OCR |
| • | | |
| | | |
| 1042 | Prescribing of high strength opinid formulations in Ontario: Policy Evaluation | DIN |
| 1043 | Prescribing of high strength opioid formulations in Ontario:Policy Evaluation | DIN DAD ODB |
| 1043 | Prescribing of high strength opioid formulations in Ontario: Policy Evaluation | ODB OHIP |
| 1043 | Prescribing of high strength opioid formulations in Ontario: Policy Evaluation | ODB OHIP |
| 1043 | Prescribing of high strength opioid formulations in Ontario:Policy Evaluation | ODB OHIP RPDB OCR POP |
| 1043 | Prescribing of high strength opioid formulations in Ontario:Policy Evaluation | ODB OHIP |

| # | Project Title | ICES Data |
|-------|--|-------------------------------|
| 1044 | Prescribing trends of directacting antivirals (DAAs) for the treatment of hepatitis C in Ontario | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | PCCF REF DAD |
| | | NACRS |
| | | ODB OHIP OMHRS ASTHM |
| | | A CHF |
| | | COPD HIV HYPER |
| | | HYPER OCCC ODD |
| | | RPDB OCR |
| | | NMS |
| 1045 | Prescription Opioid Use after Back Surgeryin Ontario | DIN LHIN |
| | | PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS HYPER |
| | | ODD CONTACT |
| | | RPDB ORGD |
| | | |
| 1046 | Prescription Opioid Use after Back Surgeryin Ontario | DIN LHIN |
| | | PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS CONTACT RPDB |
| | | OCR |
| | | ORCD PCCF REF |
| | | AVGPRICE ESTSOB |
| | | CORR RAICA |
| | | RAIHC OMD |
| | | ADP CAPE GAPP |
| | | OCCI OHCAS |
| 40.17 | Described a soluble as a few solutions of the solutions o | OHIP |
| 1047 | Prescription opioid use after major surgery | OHE |
| 1048 | Prevalence and Correlates of Medications Associated with QTc Prolongation | CCRS NRS |
| | | OMHRS SDS |
| | | ONMARG |
| 1040 | Prevalence and outcomes of acute kidney injuryamong hospitalized children with diabetic ketoacidosis in Ontario | IPDB |
| 1049 | | CORR DAD |
| | | NACRS OHIP |
| | | SDS RPDB |
| | | OLIS AVGPRŒ CCRS |
| | | HCD |
| | | NRS ODB OMHRS ODD |
| | | ODD ADP CAPE |
| | | GAPP |
| | | OCCI OHCAS |
| 1050 | Prevalence of blood borne viral infections (HIV, HBV, HCV) among people seeking fertility services in Ontario | PCCF |
| | | DAD NACRS OHIP |
| | | SDS HIV |
| | | CONTACT RPDB |
| | | |
| 1051 | Prevalence of blood productuse among individuals not eligible for the Ontario Health Insurance Plan | DIN INST |
| | | INST DAD NACRS |
| | | SDS RPDB |
| | | |
| 1052 | Prevalence of diagnosed and self-reported mood and anxiety disorders in first-generation migrant populations and ethnic minority groups in Ontario | IPDB DIN |
| | | LHIN PCCF |
| | | INST AVGPRICE |
| | | ESTSOB CCRS |
| | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC SDS |
| | | ODD |
| | | CENSUS RPDB ADP |
| | | CAPE OMMARG POPCAN |
| | | ACG |
| | | CIC RPDB ONMARG |
| | | OTEMPARS |
| | | |

| # | Project Title | ICES Data |
|------|---|------------------------------------|
| 1053 | Prevalence of DirectOral Anticoagulant (DOAC) Use in Kidney TransplantPatents | DIN PCCF REF |
| | | CORR DAD |
| | | NACRS ODB OHIP |
| | | SDS CONTACT RPDB OUS |
| | | ous |
| 1054 | Prevalence of emergency department and family physician visits that potentially could be managed by pharmacists | CPDB |
| | | CPDB IPDB LHIN REF |
| | | INST NACRS OHIP |
| | | CENSUS POP |
| | | RPDB CAPE PCPOP |
| | | DAD |
| 1055 | Prevalence of heterozygous familial hypercholesterolemia in Ontario | DIN PCCF |
| | | REF DAD NACRS |
| | | ODB OHIP SDS |
| | | HYPER |
| | | ODD CENSIS RPDB CCHS |
| | | CIC OCR ORGD |
| | | ORGD GDML OLIS |
| | | |
| 1056 | Prevalence of mental illness among individuals in provincial conectional centres | CPDB IPDB |
| | | DIN PCCF INST |
| | | CCRS DAD MACPS |
| | | NACRS ODB OHIP |
| | | ASTHM A CHF COPD |
| | | HYPER ODD OMID |
| | | CONTACT |
| | | CPDB IPDB INST |
| | | ODB ASTHMA CHF COPD |
| | | COPD HIV HYPER |
| | | ODD CHC |
| 1057 | Prevalence of mitochondrial diseaseand psychiatric conditions across Ontario | PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP OMHRS |
| | | SDS POP |
| | | RPDB ONMARG ORGD |
| | | AVGPRŒ ESTSOB CCRS |
| | | CCRS HCD NRS |
| | | SDS ADP CAPE GAPP |
| | | GAPP OCCI OHCAS |
| | | OCR |
| 1058 | Prevalence of Parkinson's byage and gender | IPDB DIN LHIN |
| | | PCCF AVGPRICE |
| | | CCRS CPRO |
| | | HCD NACRS |
| | | HCD NACRS NRS ODB OHIP |
| | | OMHRS RPDB |
| 1050 | Braudanca Characteristics and Impactof Direct Dischara to Hame from Internative Cam Half- to County | Inne |
| 1009 | Prevalence, Characteristics and Impactof Direct Discharge to Home from Intensive Care Units in Ontario | IPDB LHIN PCCF |
| | | REF INST AVGPRŒ ESTSOB |
| | | ESTSOB CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB OHIP OMHRS |
| | | OMHRS SDS CONTACT |
| | | CONTACT RPDB ADP CAPE |
| | | GAPP OCCI |
| | | OHCAS |
| | | |

| # | Project Title | ICES Data |
|------|---|--|
| 1060 | Prevalence, risk factors and management of extreme hypertrigly ceridemia in Ontario | IPDB |
| | | DIN DAD NACRS |
| | | ODB |
| | | OHIP HYPER ODD |
| | | POP RPDB CAPE |
| | | CAPE OLIS |
| | | |
| 1061 | Preventable readmissions revisited | CPDB |
| 1001 | Li a valuabila i agrittiis 2 init 2 i akiziliar | IPDB LHIN |
| | | INST DAD |
| | | NACRS ODB |
| | | OHIP CENSUS |
| | | RPDB CAPE |
| | | ONMARG |
| | | |
| 1062 | Primary Care Organizational Attributes Associated with Quality Care | CPDB IPDB PCCF |
| | | PCCF AVGPRICE |
| | | ESTSOB DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | ASTHMA CHF |
| | | COPD HYPER |
| | | ODD OMD |
| | | CENSUS CONTACT |
| | | RPDB CAPE |
| | | CIC CHC OBSP |
| | | getacg |
| | | Organizational Survey |
| 1063 | Primary care physician comprehensivenessalgorithm comparison with MOH | CPDB IPDB |
| | | LHIN PCCF |
| | | REF DAD |
| | | OHIP SDS |
| | | CONTACT RPDB |
| | | CAPE OBSP OCR |
| | | OCR CHC |
| | | MOHLTC Comprehensive Primary Care Physician List |
| 1064 | Primary care physician visits and quality of carefor hemodialy sis patients | IPDB LHIN |
| | | PCCF INST |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS OHIP |
| | | OMHRS SDS |
| | | |
| 1065 | Primary care provider and population characteristics as sociated with age of diagnosis of Autism Spectrum Disorder among kinder garten children | CPDB |
| .000 | | CPDB IPDB PCCF ESTSGB |
| | | DAD |
| | | NACRS OHIP |
| | | SDS MOMBABY |
| | | CENSUS RPDB |
| | | CAPE ONMARG CIC |
| | | CIC EDI (Early Development Instrument) |
| | | |
| 1066 | Primary care reform and medication appropriateness for seriors: Acomparative study of two provinces | IPDB DIN |
| | | DIN PCCF REF |
| | | AVGPRICE |
| | | ESTSOB DAD NACRS |
| | | ODB |
| | | OHIP SDS CHF |
| | | COPD |
| | | HYPER ODD OMID |
| | | CENSIS |
| | | CONTACT RPDB OLIS |
| | | |
| | | |

| # Project Title ICES Data Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration and Sustainability: Primary Health Care as the Foundation for Health System Performance, hitegration for Health System Performance, h |
|--|
| REF CORS DAD DAD NACRS NRS OBB OHP OMRS SS S |
| DAD HICKES NACES N |
| NACRS NRS ODB OHP OMRS SIDS ASTHMA COPP HYPER COCC ODD OMD ORAD CENSUS CONTACT RPDB AD |
| ODB OHIP OMIRS SDS ASTIMA OHIP OHIP OMORE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF |
| S DS A STHMA CHEP HOPE HYPER OCCC OCC OCC OCC OCC OCC OCC OCC OCC O |
| ASTMAN CHE COPD WORR COCCC COCCC COCCC COMD CRAD CENSUS CONTACT RPD6 ADP REGMM COCCC COCC COCCC COCCC COCCC COCCC COCCC |
| OCCC OCCD OCCD OCCD OCCD OCCD OCCD OCCD |
| OCCC OCCD OCCD OCCD OCCD OCCD OCCD OCCD |
| OMD ORAD ORAD CENSUS CONTACT RPDB ADP ERCLAM LOC OCCI OLIS |
| CENSUS CONTACT RPDB ADP ERCLAM LOC OCCI OLIS |
| ADP ERCLAIM LOC OCCI OUS |
| ERCLAM LOC OCCI OLIS |
| OCCI OLIS |
| OTD. |
| CFDR |
| CIC OCR ORGD |
| ORGD pitting |
| |
| 1068 Procedural and Long Term Clinical Outcomes after Bifurcation Stenting with Drug Eluting Stents DIN REF |
| DAD NACRS |
| ODB OHP |
| SDS |
| CHF HYPER OOD |
| RPDB |
| Bifurcation Study Date |
| 1069 Profiling Hospital Performance Based on Mortality and ReadmissionRisk-Standardzed Rates After Transcatheter Acrdic Valve Implantation in Canada Inch |
| LHIN PICCF |
| REF NST |
| CCRS DAD |
| NACRS NRS |
| COB CHIP |
| SDS CHF COPD |
| COPD |
| HYPER ODD OMD |
| RPDB |
| CCN OMHRS |
| |
| 1070 Profiing long-term care residents in terms of demographics and costs CPDB PDB UHN |
| PCCF |
| REF NST AVGRET |
| AVGPRŒ ESTSOB |
| CCRS DAD HCD |
| HCD NACRS NIPE |
| NRS ODB OHP |
| OHIP OMRS RAHC |
| RAHC SDS CENSUS |
| CENSUS CONTACT POP |
| RPDB |
| ADP geldog Ownestrip Data |
| Ownestrp Uses |
| 1071 Program of Integrated Care for Patients with Chronic Obstructive Pulmonary Disease and Multiple Comorbidities (PIC-COPD+). A Randomized Trial PDB |
| IPDB DIN LHIN |
| LHN PCCF REF |
| NET NST AVGPRŒ |
| AVCPRIC STOPRIC E CCRS |
| DAD |
| HCD NACRS NACRS |
| NRS |
| ODB |
| OHP OMRIS |
| OHP OMHRS SDS |
| OHIP OMRIS SIS COPD CONTACT RPDB |
| OHIP OMRIS SIS COPD CONTACT RPDB ADP CAPE |
| OHIP OMRIS SIS COPD CONTACT RPDB ADP CAPE |
| OHP OMRS SIDS OCONNACT RPDB ADP CAPE GAPP OHCAS OCCI |
| OHIP OMRIS SIDS OCONTACT CONTACT RPDB ADP CAPE GARPP ORCAS OCCI PIC-COPD datasets- TE GH and SRHC |
| OHEP OMERS SDS COM COMPRIS SDS COM COM RES ADP CAPE GAPP OHCAS OCC PIC-COPD datasets- TECH and SRHC 1072 Progressive degeneration from onset in pediatric multiple sclerosis CPB PB |
| COPD COMERS SDS COPD COPD COPD CAPE CAPE CAPE CAPE CAPE CAPE CAPE CAPE |
| OHEP OMES OMES OMES OFF OMES OMES OFF OMES OMES OFF OMES OMES OMES OMES OMES OMES OMES OMES |
| OHEP OMES OMES OFF OMES OMES OMES OMES OMES OFF OMES OMES OMES OMES OMES OMES OMES OMES |
| CHIP COMRIS COMRIS COM CONTACT RPDB ADP CAPE COMP CAPE CAPE CAPE CAPE CAPE CAPE CAPE CAPE |
| CHIP COMRIS SIDS CONTROL CONTROL RPDB ADP CAPE GAPP ORCAS OCCI PIC-COPD datasets- TEGH and SRHC 1072 Progressive degeneration from onsettin pediatric multiple sclerosis PDB DN LUIR HEF DAD HCD NACRS NRS COB OCCI REF DAD COB O |
| CHIP COMRES SIDS CONTROL CONTROL RPDB ADP CAPE GAPP OHCAS OCCI PIC-CCPD datasets- TECH and SRHC 1072 Progressive degeneration from onset in pediatric multiple scierosis PDB DN LHR RPDB DN LHR REF DAD HCD NACRS NRS OCCI OCP OWNES SIDS SIDS |
| CHIP COMPRIS COMPRIS COMPRIS CONTACT RPDB ADP CAPE CAPE CAPE CAPE CAPE CAPE CAPE CAP |
| CHIP COMRIS SIDS CONTACT RPDB ADP CAPE CAPP CAPP |
| CHIP COMRIS SIDS CONTOCT CONTACT RPDB ADP CAPE GARP ORCAS OCCI PIC-COPD datasets- TEGH and SRHC 1072 Progressive degeneration from onset in pediatric multiple sclerosis PIC-COPD datasets- TEGH and SRHC CPDB PPB DN PPC REF DAD HCD NACRS NRS OCIP COMP OMRIS SIDS ASTHM A CHIP COPD REF COPD REF COPD REF COPD REF COPD COPD COPD COPD COPD COPD COPD COPD |
| CHIP COMRES SIDS CONTROCT RPDB ADP CAPE GAPP OHCAS OCCI PIC-CCPD datasets- TECH and SRHC 1072 Progressive degeneration from onsettin pediatric multiple sclerosis PDB DN LHIB RCF REF DAD HCD NACRS NRS COOP OWNES SIDS ASTHM A CHIP COPD HYPSER OMD CENSS |
| CHIP COMRIS SIDS CONTOCT CONTACT RPDB ADP CAPE GARP ORCAS OCCI PIC-COPD datasets- TEGH and SRHC 1072 Progressive degeneration from onsettin pediatric multiple sclerosis PIC-COPD datasets- TEGH and SRHC CPDB PPB DN PPB DN PCCF REF DAD HCD NACRS NRS OCIP OCIP OMRIS SIDS ASTHM A CHIP COPD REF COPD REF COPD REF COPD REF COPD REF COPD COPD COPD COPD COPD COPD COPD COPD |

| # | Project Title | ICES Data |
|------|---|--|
| 1073 | Promoting Access and Care through Centres of Excellence in Inflammatory Bowel Disease (PACE-IBD) | DAD RPDB |
| 1074 | Promoting deceased organ and tissue donaton registration in family physician waiting rooms (RegisterNow-1 Trial) | PDB LHN PDB LHN PDF PEF CHIP CONTACT RPDB COR A DAD NACRS SDS COD ONNARG Let of participating physicians from RegisteNow Tital |
| 1075 | Propensity-matched analysis of efficacy of statins in reducing adverse cardovascular events in women treated for early stage breast can cer | DAD NACRS OHIP RPDB |
| 1076 | Prostate Cancer Screening in Ontario: A Population-based Assessment of PSA Testing | PDB PCCF DAD NACRS COB COBP CHIP OMHRS STS ASTHMA COTOMIC COMO COMO COMO COMO COMO COMO COMO |
| 1077 | Psychostmulants and pregnancy (teas ibility study) | DAD NACPS COB CHIP RPDB CUS |
| 1078 | Public attitudes about private sector involvement in research studies based on administrative data | Qualitative information collected in the context of four focus groups with members of the general public |
| 1079 | Quality And Nursing Home Staffing: Does Profit Status Make a Difference? | BST CCRS RPDB data_lzh Staff Admin and DOC Data – Longitta |
| 1080 | Quality of Care and Mortality Following Stroke in Individuals With Schizophenia | PCCF REF REF REF REF REF REF REF REF REF RE |
| 1081 | Quality of care for localized invasive bladder cancer a population-based study | EPDB DN LIN PCDF RF RF NOT |

| Subject of the Proposition of the Proposition of the Columbia Storage Storag | # | Project Title | ICES Data |
|--|------|--|------------------------|
| Company Personal Management in Shares and Nation in Administration in Company | | | LHIN |
| Cold Substitute of these actions in the control co | | | CCRS |
| Total Date of the Dispose Management Pleases with Marce Invalue Modern Content Total Date of the Dispose Management Pleases with Marce Invalue Modern Content Total Date of the Dispose Management Pleases with Marce Invalue Modern Content Total Date of the Dispose Management Pleases with Marce Invalue Modern Content Total Date of the Dispose Management Research Marce Invalue Modern Content Total Date of the Dispose Management Research Marce Invalue Modern Content Total Date of the Dispose Management Marce Invalue Marce Invalue Modern Content Total Date of the Dispose Management Marce Invalue Marce Invalue Modern Content Total Date of the Dispose Management Marce Invalue Marce Invalue Modern Content Total Date of the Dispose Management Marce Invalue Marce Invalue Modern Content Total Date of the Dispose Management Marce Invalue Marce Invalue Modern Content Total Date of the Dispose Management Marce Invalue | | | HCD NACRS |
| Total | | | NRS ODB |
| State of the County of the Cou | | | OMHRS |
| Total Designate Designat | | | ASTHMA |
| Section of the Characteristic in content of the characteristic i | | | COPD HIV |
| Second part of the definition in the first and second se | | | HYPER OCCC |
| Section Sect | | | OMD ORAD |
| Cold Country of care dischargement to Annexe and various Coloridation patients Coloridation Coloridatio | | | CENSUS RPDB |
| NOW Deathlying the business of an analyse skeler in early COYO Police Country of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Badder Cancer Control of the Diagnosis. Managements in Nation to value in Nation to val | | | CAPE OCR |
| Cold County of the Diagnosis: Management for Potentia with Musicia Invasive Bladder Cancer Cold Col | | | PCCF |
| Total Country of the Control and Section to control and section | | | ONMARG |
| Constitution Cons | | | CIC ORGO |
| 1084 Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents Total Outside of the Disgroots Managementhy | | | CONTACT |
| 1084 Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents with Muscle Invasive Backdo Current Total Outside of the Disgroots Managementhy Patents Total Outside of the Disgroots Managementhy | | | |
| Total | 1083 | Quality of care of critical limb ischemia and vas quar ciaudication patients | ESTSOB |
| 1044 Outstyling to bustern offend may feature for early COYO Perco 1000 of 100 | | | CCRS DAD |
| Total Country and the Designate Management for Polistonia with Management for Polistonia | | | HCD NACRS |
| Control Con | | | OMHRS SDS |
| 1086 Qualitying the burden of and risk factors for early COPPD Port 2 1086 Qualitying the burden of and risk factors for early COPPD Port 2 1087 Qualitying the burden of and risk factors for early COPPD Port 2 1086 Qualitying the impact of marginal tables on and is factors and an inches of early COPPD Port 2 1087 Qualitying the impact of marginal tables on and is factors and inches on and is factors on an and is factors on an | | | CENSUS RPDB |
| 1986 Chambying the burden of land risk botons for early COPO Part 2 1987 Chambying the burden of land risk botons for early COPO Part 2 1988 Chambying the burden of land risk botons for early COPO Part 2 1988 Chambying the burden of land risk botons for early COPO Part 2 1988 Chambying the burden of land risk botons for early COPO Part 2 1988 Chambying the burden of land risk botons for early COPO Part 2 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while thickness properties in Ortento 1988 Chambying the impact of mar greatzation on while the chambying the impact of mar greatzation of the chambying the impact | | | CAPE |
| Total Process Proces | | | |
| Total Process Proces | 1084 | Quality of the Diagnostic Management for Patients with Muscle Invasive BladderCancer | IPDB |
| 1085 Ouantlying the burden of and risk factors for early COPO 1086 Ouantlying the burden of and risk factors for early COPO 1087 Ouantlying the impact of marginalist atom on ankle tracure patients in Ontario 1088 Ouantlying the impact of marginalist atom on ankle tracure patients in Ontario 1088 Ouantlying the impact of marginalist atom on ankle tracure patients in Ontario 1088 Ouantlying the impact of marginalist atom on ankle tracure patients in Ontario 1088 Ouantlying the impact of marginalist atom on ankle tracure patients in Ontario 1088 Ouantlying the impact of marginalist atom on ankle tracure patients in Ontario 1088 Ouantlying the impact of marginalist atom on ankle tracure patients in Ontario 1088 Ouantlying the risk of type 2 diabetes in pregnantwoman 1088 Ouantlying the risk of type 2 diabetes in pregnantwoman | | | PCCF |
| Loss Commission of the following the burden of and risk factors for early COPO Part 2 1085 Quantifying the burden of and risk factors for early COPO Part 2 1086 Quantifying the surden of and risk factors for early COPO Part 2 1087 Quantifying the surden of and risk factors for early COPO Part 2 1088 Quantifying the surden of and risk factors for early COPO Part 2 1089 Quantifying the surden of and risk factors for early COPO Part 2 1080 Quantifying the surden of and risk factors parties in Ordanical Control Corp. 1081 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1082 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1083 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1084 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1085 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1086 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1087 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1088 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1089 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1089 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1089 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1089 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1080 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1080 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1080 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1081 Quantifying the impact of mangetable also on ankle if actors parties in Ordanical Corp. 1081 Quantifying | | | INST |
| Management Man | | | DAD |
| Total | | | NRS |
| Committee Comm | | | OHIP SDS |
| Total Countrying the burden of land risk factors for early COPD 1086 Quantifying the burden of land risk factors for early COPD 1086 Quantifying the burden of land risk factors for early COPD Plant 2 1086 Quantifying the burden of land risk factors for early COPD Plant 2 1087 Quantifying the burden of land risk factors for early COPD Plant 2 1088 Quantifying the impact of marginalization on ankle tracture patients in Oritario 1087 Quantifying the impact of marginalization on ankle tracture patients in Oritario 1088 Quantifying the impact of marginalization on ankle tracture patients in Oritario 1088 Quantifying the impact of marginalization on ankle tracture patients in Oritario 1088 Quantifying the impact of marginalization on ankle tracture patients in Oritario 1088 Quantifying the risk of type 2 diabetes in pregnantwomen 1088 Quantifying the risk of type 2 diabetes in pregnantwomen 1088 Quantifying the risk of type 2 diabetes in pregnantwomen 1088 Quantifying the risk of type 2 diabetes in pregnantwomen 1088 Quantifying the risk of type 2 diabetes in pregnantwomen | | | OCR |
| 1086 Chandlying the burden of and risk factors for early COPD 1086 Chandlying the burden of and risk factors for early COPD 1086 Chandlying the burden of and risk factors for early COPD Feat2 1086 Chandlying the burden of and risk factors for early COPD Feat2 1087 Chandlying the burden of and risk factors for early COPD Feat2 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1087 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors patients in Ontario 1088 Chandlying the impact of marginalization on earlied factors for early COPD Factors for early COP | | | Pathology Database |
| 1086 Quantifying the burden of and risk factors for early COPD 1086 Quantifying the burden of and risk factors for early COPD-Part 2 1086 Quantifying the burden of and risk factors for early COPD-Part 2 1087 Quantifying the impact of marginalization on ankle tracture patients in Ontario 1087 Quantifying the impact of marginalization on ankle tracture patients in Ontario 1088 Quantifying the impact of marginalization on ankle tracture patients in Ontario 1088 Quantifying the risk of type 2 diabetes in pregnant women 1088 Quantifying the risk of type 2 diabetes in pregnant women 1088 Quantifying the risk of type 2 diabetes in pregnant women 1088 Quantifying the risk of type 2 diabetes in pregnant women 1088 Quantifying the risk of type 2 diabetes in pregnant women 1088 Quantifying the risk of type 2 diabetes in pregnant women 1088 Quantifying the risk of type 2 diabetes in pregnant women 1088 Quantifying the risk of type 2 diabetes in pregnant women 1088 Quantifying the risk of type 2 diabetes in pregnant women | | | ORGD |
| 1086 Ouantifying the burden of and risk factors for early COPO: Part 2 1086 Ouantifying the burden of and risk factors for early COPO: Part 2 1087 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1087 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1089 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1089 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1089 Ouantifying the impact of marginalization on ankle fracture patients in Ontario 1089 Ouant | 1085 | Quantifying the burden of and risk factors for early COPD | OMHRS CPDB |
| DAD Color | | | LHIN |
| Coles Corpe CC Corporation of the control of the co | | | DAD |
| 1086 Quantifying the burden of and risk factors for early COPD. Part 2 1087 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1089 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1089 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1089 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1080 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1080 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1080 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1081 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1081 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1081 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1082 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1083 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1084 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1085 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1086 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1087 Quantifying the impact of marginalization on ankle fracture patients in Ontario 1088 Quantifying the impact of marginalization on ankle fracture patients in Ontar | | | OHIP OMHRS |
| 1088 Obantlying the burden of and risk factors for early COPO Part 2 CURS DAD COMMENS NOS OB COMMENS NOS | | | RPDB CAPE |
| MeD HOBIC NACES NA | | | PCPOP |
| MeD HOBIC NACES NA | 1086 | Quantifying the burden of and risk factors for early COPD:Part2 | |
| NACRS NOR CORE COMMENS RPDB 1087 Quantifying the impact of marginalization on ankle fracture patients in Ontario PDS LHN PCCF STEPRIC E CCRS DCD NACRS NRS CORE DC | | | DAD HCD HORIC |
| 1087 Quantifying the impact of marginalization on ankle fracture patients in Ontario PDB LHN PCCF RCF RCF RCF RCF RCF RCF RCF RCF RCF | | | NACRS NRS |
| 1087 Quantitying the impact of marginalization on ankle fracture patients in Ontario PDB HER REF AVERACE STOPPICE ADD NACES N | | | OHIP OM/HRS BPDR |
| USIN PEEP REF | | | |
| USIN PEEP REF | 1087 | Quantifying the impactof marginalization on ankle fracture patients in Ontario | IPDB |
| AVGPRICE STIPPRIC E CORS DECOME HCD NACES NRS COB CHIP OMHRS RS SOS COD RPDB APP CAPE CAPE CAPE CAPE CAPE CAPE CAPE | | | |
| E CCRS DAD DAD NO DAD NO DAD NO DAD NO DATE OFF OFF OFF OFF OFF OFF OFF OFF OFF OF | | | AVGPRŒ |
| NACRS NNS COB CHART CHART CHART CHART CHART CHART COD RPDB ADP CHE CHART COD RPDB ADR COD CHART COD CHART COD CHART RPDB RPDB RPDB RPDB RPDB RPDB RPDB RPDB | | | E CCRS DAD |
| OBB OHIPS OHIPS OHIPS OHIPS OBS OD RPDB ADP CAPE HOMON OMMRG OCCI DB | | | NACRS |
| CM-HIS RAICA SO CO CO CAPE ADP CAPE HODWORD COLI 1088 Quantifying the risk of type 2 diabetes in pregnantwomen PDB DN LIN PDF REF DAD NACES COB CHHIS SISS MMBABY COD CENSUS RPDB ETHNIC BORN | | | ODB OHIP |
| SSS COD RRB COD RRB COP CAPE HCDMOH COMMRG COCI 1088 Guantlying the risk of type 2 diabetes in pregnantwomen PDB DN UHN PRF RB DAD NACRS COB CHP COB | | | OMHRS RAICA |
| ADP CAPE CAPE CAPE HOMON COCI Description Day Day Day Day Day Day Day Day Day Da | | | ODD |
| 1088 Quantlying the risk of type 2 diabetes in pregnantwomen PDB DN UEN PREF DAD NACES COB CHEP SSSS MMMARAY COD CENSUS RPDB ETHIC BORN | | | ADP CAPE |
| 1088 Quantifying the risk of type 2 diabetes in pregnantwomen PDB DN LIIN PCCF REF DAD NACHS COB ONHISS SSS MCMEABA' ODD CENSUS RPDB ETHNIC BORN | | | HCDMOH ONMARG |
| DIN LIMB PROPERTY OF THE PROPE | | | - CCG |
| DIN LIMB PROPERTY OF THE PROPE | 1088 | Quantifying the risk of type 2 diabetes in pregnantwomen | IPDB |
| DAD NACES OOB CHIP OMHRS SISS MOMERS CENSUS RPDB CUS ETHNIC BORN | | | DIN LHIN |
| NACRS COB COR COR COR COR SISS SISS MOMBABY COD CENSUS RPUB CO | | | DAD |
| OHIP OMHRS SDS MMMARY ODD CENSUS RPDB OUS ETHNIC BORN | | | NACRS ODB |
| MOMERADY OOD CENSUS RPUB CENSUS RPUB CENSUS CENSUS RPUB CENSUS CE | | | OHIP OMHRS |
| CENSUS RPDB OUS ETHNIC BORN | | | MOMBABY ODD |
| E TINIC BORN | | | CENSUS RPDB |
| CIC | | | ETHNIC |
| | | | cic |
| | | | |

| ш | Danicast Title | ICEC Data |
|------|--|--|
| 1089 | Project Title QUILT: Patterns of care following rehabilitation hospital discharge for hip fracture | ICES Data |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | CCRS DAD HCD |
| | | NACRS |
| | | NRS ODB |
| 1 | | OHIP OMHRS |
| 1 | | SDS CENSUS |
| | | CONTACT |
| | | RPDB DEMENTIA |
| | | |
| 1090 | QULT-LTC Trajectory: Longitudinal trajectories of health & health care service use in men and women waiting for long-term care | CPDB |
| | | CPDB IPDB DIN |
| | | PCCF INST |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | NRS ODB OHIP |
| | | OMHRS |
| | | RAIHC SDS ASTHM |
| | | AS IHM A CHF COPD |
| | | HYDER |
| | | ODD OMD ORAD |
| | | CONTACT |
| | | RPDB DEMENTIA |
| | | |
| 1091 | Radiation and chemotherapy costs during initial phase of cancer care: comparison beween 4 types of cancer diagnosed with greatest frequency | CPDB IPDB |
| | | IPDB DIN PCCF |
| | | REF INST |
| | | INST AVGPRICE STDPRIC |
| | | E CCRS |
| | | DAD HCD NACRS |
| | | NACKS NRS ODB |
| | | OHIP OMHRS |
| | | SDS |
| | | CONTACT RPDB |
| | | ADP ALR NDFP |
| | | NDFP OCR ORGD |
| | | Wholesale Cancer Drug Costs |
| 1092 | Radiotherapy for Cancerin the ICU - Apopulation-based analysis | |
| 1082 | The state of the s | CCRS HCD NRS |
| | | NRS OMHRS ADP |
| | | |
| 1093 | Raising Awareness of the Burden of Giant Cell Arteritis: Occurrence, healthcare use, costs and health outcomes | CPDB |
| | | CPDB IPDB DIN |
| | | DIN LHIN PCCF |
| | | REF INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD HCD |
| | | NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC |
| | | SDS ASTHMA CHF |
| | | COPD |
| | | CENSUS CONTACT POP |
| | | RPDB |
| | | ADP HCDMOH |
| | | OCCI OHCAS |
| | | ONMARG ALR NDFP |
| | | OCR |
| | | ORGD ESAS |
| | | PCPOP |
| 1094 | Rapid Opioid Tapering and AdverseEvents | NDFP |
| | Rate of cancer screening by area income, immigration status and primary carein Ontario by LHIN and subregion | CPDB IPDB |
| | | LHIN |
| 1 | | PCCF DAD |
| | | OHIP SDS CENEUR |
| | | CENSUS CONTACT |
| 1 | | RPDB CAPE |
| | | CIC OBSP |
| | | OCR REF |
| | | CHC |
| | | Toronto Neighbourhood Postal Code Crosswalk File |

| Market of the Dark for the Dark for second date or proposition proposition for the Control | # | Project Title | ICES Data |
|--|------|---|----------------------|
| Section of the sectio | | | LHIN |
| To the contribution of the | | | DAD |
| Page of the relative to construct the same of the construction of population based during the construction of the constructi | | | OHIP |
| Management of the content and party for the content of party field to be and sharp of the content of the cont | | | RPDB |
| Total Recognition of the control and control and restrict control an | | | URGD |
| Total Recognition of the control and control and restrict control an | 4007 | | IBND |
| Total Respondings and in Associated and occurrent safety (ACA), to so any in Course The Respondings and the Associated and occurrent safety (ACA), to so any in Course The Respondings and the Associated Course and in Associated and occurrent safety (ACA) and in Associated and reduced medical reduced | 1097 | Rates of minimally invasive surgerylor invasive ceivicancer: a population based study | LHIN |
| Total Received Market And Associated Contractors in District Large Foreign Course Total | | | DAD |
| Total Personal Number and control with definition and control with a finite of the control of th | | | OHIP |
| Note | | | RPDB |
| Total Perspectivative and and retailed also be larger to the case and retailed also be | | | OCR |
| Total Perspectivative and and retailed also be larger to the case and retailed also be | | | |
| Total Recognitification and an Associated Outcomes in Other in Lang Term Care Resident Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and pay-flows data sites. Total Recognitification of payedia stand playable with the recold and payedia stand sites. Total Recognitification of payedia stand playable with the recold and payedia stand sites. Total Recognitification of payedia stand playable with the recold and payedia stand sites. Total Recognitification of payedia stand playable with the recold and payedia stand sites. Total Recognitification of payedia stand payedia with the recold and payedia sta | 1098 | Real world health services utilization and outcomesafter BRCA1/2 testing in Ontario | IPDB LHIN |
| Total | | | DAD |
| Total | | | NACRS ODB |
| Title Respect flagery and is Associated Outcomes in Order to Largy Tem Clean Resides Property | | | SDS |
| Total | | | CENSUS CONTACT |
| Recept of Supersy and its Associated Customers in Challes in Telephone and a supplication in Telephone and supplication in Tel | | | NDFP |
| Receptor financial to a book and an Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from the Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from a Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from a Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from a Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from a Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from a Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from a Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from a Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from a Associated Outcomes in Chierro Lorp. Team Grant Receptor Receptor financial as books from a Associated Outcomes in Chierro Receptor financial as books from a Associated Outcomes in Chierro Receptor financial as books from a Associated Outcomes in Chierro Receptor financial as books from a Associated Outcomes in Chierro Receptor financial as books from a Associated Outcomes in Chierro Receptor financial as books from a Associated Outcomes in Chierro Receptor financial as books from a Associated Outcomes in Chierro Receptor financial as a Asso | | | OBSP OCR |
| Recognition state due care and rehabilitate in Breazy in Cinson's LTC homes and its association with reduced respected designation and rehabilitate in Breazy in Cinson's LTC homes and its association with reduced respected designation and rehabilitate in Breazy in Cinson's LTC homes and its association with reduced respected designation and rehabilitate in Breazy in Cinson's LTC homes and its association with reduced respected designation and rehabilitate in Breazy in Cinson's LTC homes and its association with reduced respected designation and rehabilitate in Breazy in Cinson's LTC homes and its association with reduced respected designation and rehabilitate in Breazy in Cinson's LTC homes and its association with reduced respected designation and rehabilitate in Breazy in Cinson's LTC homes and its association with reduced respected designation and rehabilitation and rehab | | | nation |
| Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and is Assessed Outcomes in Ortans Long Test Care Procedure Total Recept disagray and in Assessed Outcomes Total T | | | Genetic testing data |
| Trick Process Proces | 1099 | Receiptofrestorative care and rehabilitative therapy in Ontario's LTC homes and its association with reduced resident disablement | THIN |
| Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Livray-Tean Carls it Associated Those Received Bursery and its Associated Customers in Chear Bursery Institute Carls in C | | | PCCF AVGPRICE |
| Total | | | STIPPIC |
| 1100 Recoparations also classes and parameters in Chierra Long-Trens Care Residents 1100 Recoparations also classes and parameters in Chierra Long-Trens Care Residents 1100 Recoparations also classes and parameters in Chierra Long-Trens Care Residents 1100 Recoparations also classes and parameters in Chierra Long-Trens Care Residents 1100 Recoparations also classes and parameters in First with mood and psycholic disorders 1100 Recoparations also classes and parameters in First with mood and psycholic disorders 1100 Recoparations also classes and parameters in First with mood and psycholic disorders 1100 Recoparations also classes and parameters in First with mood and psycholic disorders 1100 Recoparations also classes and parameters in First with mood and psycholic disorders 1101 Recoparations also classes and parameters in First with mood and psycholic disorders 1102 Recoparations also classes and parameters in First with mood and psycholic disorders 1103 Recoparations also classes and parameters in First with mood and psycholic disorders 1104 Recoparations also classes and parameters in First with mood and psycholic disorders 1105 Recoparations also classes and parameters in First with mood and psycholic disorders 1106 Recoparations also classes and parameters in First with mood and psycholic disorders 1107 Recoparations also classes and parameters in First with mood and psycholic disorders 1108 Recoparations also classes and parameters in First with mood and psycholic disorders 1109 Recoparations also classes and parameters in First with mood and psycholic disorders 1100 Recoparations also classes and parameters in First with mood and psycholic disorders 1100 Recoparations also classes and parameters in First with mood and psycholic disorders 1100 Recoparations also classes and parameters in First with mood and psycholic disorders 1100 Recoparations also classes and parameters in First with mood and psycholic disorders 1100 Recoparations also classes and parameters in First with mood an | | | DAD |
| 1107 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1108 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1109 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1101 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1101 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1102 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1103 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1104 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1105 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1106 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1107 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1108 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1109 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its Associated Dutomes in Chairs Long. Tem Care Residents 1100 Recepted buyery and its A | | | NACRS NRS |
| A Sheek A Shee | | | ODB OHIP |
| ASSAM OFFICE TOP OFFI OFFI OFFI OFFI OFFI OFFI OFFI OF | | | OMHRS |
| ### Accepted Surgery and its Associated Outcomes in Oriento Long-Team Care Residents #### Accepted Surgery and its Associated Outcomes in Oriento Long-Team Care Residents #### #### ########################## | | | ASTHMA |
| TIO Receipted Surgery and the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care Residents Property of the Associated Outcomes in Oriento Long-Term Care | | | COPD HYDER |
| T102 Receipt of Surgery and its Associated Outcomes in Ontario Long-Team Carre Residents Property of the Carre Residents Property | | | ODD |
| T102 Receipt of Surgery and its Associated Outcomes in Ontario Long-Team Carre Residents Property of the Carre Residents Property | | | ORAD BRDB |
| The content of the content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities and rural communi | | | KEDB |
| The content of the content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities a bright-dinal analysis of administrative health services data The content of plays is care in rural communities and rural communities are rural communities. | | | |
| T101 Recovery After ANI Requiring Dialy sia 102 Recovery After ANI Requiring Dialy sia 1103 Recovery After ANI Requiring Dialy sia 1104 Recovery After ANI Requiring Dialy sia 1105 Recovery After ANI Requiring Dialy sia 1106 Recovery After ANI Requiring Dialy sia 1107 Recovery After ANI Requiring Dialy sia 1108 Recovery After ANI Requiring Dialy sia 1109 Recovery After ANI Requiring Dialy sia 1100 Recovery After ANI Requiring Dialy sia | 1100 | Receipt of Surgery and its Associated Outcomes in Ontario Long - Lerm Care Residents | CPDB IPDB |
| Normal Normal Section | | | DIN LHIN |
| Accuracy Alex AND Requiring Dialy as a normal communities: a longitudinal analysis of administrative health is enrices date. 1102 Recovery Alex AND Requiring Dialy as | | | REF |
| The content and retention of physicians in rural communities: a longitudinal analysis of administrative health services data | | | AVGPRŒ |
| Indicate the second as a second control of process as and partials artifish with mood and paychotic disorders 1101 Recovery After ARIR equiring Dialysis 1102 Recovery After ARIR equiring Dialysis 1103 Recovery After ARIR equiring Dialysis 1104 Recovery After ARIR equiring Dialysis 1105 Recovery After ARIR equiring Dialysis 1106 Recovery After ARIR equiring Dialysis 1107 Recovery After ARIR equiring Dialysis 1108 Recovery After ARIR equiring Dialysis 1109 Recovery After ARIR equiring Dialysis 1100 Recovery After ARIR equiring Dialysis | | | ESTSOB CCRS |
| Nacing N | | | CPRO DAD |
| CASES RAHE SDS COPP 160 COPP 1 | | | NACRS |
| RASIC GOF COP | | | OMHRS |
| CPP CCC | | | RAIHC |
| The control of the | | | SDS CHF |
| CODE ORD | | | HIV |
| CRN CCNNCT RPDB DIMENTAL OCKON CT RPDB PDB DIMENTAL OCKON CT RPDB PDB DIMENTAL OCKON CT RPDB RDC OCKNCT RDC | | | ODD |
| CENSUS CONCICT RPDB DEMENTA ORGO 1101 Reciprocal associations of psoilasis and psoriate arthritis with mood and psychotic disorders PrDB PrDB PrDB PrDB PrDB PrDB PrDB PrD | | | ORAD |
| The process of the pr | | | CENSUS CONTACT |
| 1101 Recovery After AND Requiring Dialysis 1102 Recovery After AND Requiring Dialysis 1103 Recruitment and retention of physicians in rural communities: a longitudinal analysis of administrative health services data 1104 CPB 1105 CPB 1106 CPB 1107 CPB 1108 CPB 1109 CPB | | | RPDB |
| Recovery After AND Requiring Dialysis The Recovery After AND Requiring Dialysis Recruitment and retention of physicians in rural communities: a longitudinal analysis of administrative health services data PDB PDB PDB PDB PDB PDB PDB PDB PDB PD | | | DEMENTIA ORGD |
| ## PDB DN | | | |
| PDB ON PT REF | 1101 | Reciprocal associations of psoriasis and psoriatic arthritis with mood and psychotic disorders | CPDB |
| REF NoT | | | DIN |
| DAD NACRS ODB OHR ODD CENSUS CONTACT POP RPDB %gency Ngency Nacro Recovery After AND Requiring Dialysis 1102 Recovery After AND Requiring Dialysis SDS RPDB ORCD ORRS 1103 Recruitment and retention of physicians in rural communities: a longitudinal analysis of administrative health services data PDB | | | REF |
| CPDB PDB ORGD ORGD ORGD ORGD ORGD ORGD ORGD ORGD | | | DAD |
| SSS CDD CENSUS CDM CT REDB Wester Wester Recovery Alter AKI Requiring Dialysis 1102 Recovery Alter AKI Requiring Dialysis SISS RPDB ORCD ORCS ORCS ORCS ORCS ORCS ORCS ORCS ORCS | | | ODB |
| CONTACT RPDB %pekeg 1102 Recovery After AVI Requiring Dialysis 1103 Recruitment and retention of physicians in rural communities: a longitudinal analysis of administrative health services data PDB UNI ESTOB DAD OND OND OND OND OND OND OND OND OND ON | | | SDS |
| RPDB %getacy %getacy 1102 Recovery Alter AKI Requiring Dialysis RPDB ORGD ORRS 1103 Recruitment and retention of physicians in rural communities: a longitudinal analysis of administrative health services data PDB PDB ESTS CB DAD NACRS OHP ASTHAM COPP OD CENSUS RPDB CAPE GAPP GAPP GAPP DEMENTIA PPP PP | | | ODD CENSUS |
| Recovery After AVG Requiring Dialysis SDS RPDB ORCD ORC | | | CONTACT POP |
| 1102 Recovery After AKI Requiring Dialysis Side Special Speci | | | RPDB %getacg |
| RPDB ORDS ORDS ORDS ORDS ORDS ORDS ORDS ORDS | | | |
| RPDB ORCE ORCE ORCE ORCE ORCE ORCE ORCE ORCE | 1102 | Recovery After AKI Requiring Dialysis | SDS |
| 1103 Recruitment and retention of physicians in rural communities: a longitudinal analysis of administrative health services data PDB | | | ORGD OBB |
| IPOB LINN ESTSOB DATE DATE DATE DATE DATE DATE DATE DATE | | | |
| E 5TSOB DAD NACES CHIP ASTIMA CCOPD HYPER COD CENSUS RPDB CAPE GAPP JEMENTIA | 1103 | Recruitment and retention of physicians in rural communities: a longitudinal analysis of administrative health services data | CPDB IPDB |
| DAD NACRS OHIP ASTHMA CHF COPD HYPER ODD CENSUS RRUB CAP OAP OAP OAP OAP OAP OAP OAP OAP OAP O | | | LHIN ESTSOB |
| OHIP ASTHMA CHE COPD HYPER COD CENSUS RPDB CUP | | | DAD |
| COPD HYPER ODD CENSUS RPDB CAPE GAPP DEMENTA A/GPRIZE PDP | | | OHIP |
| ODD CENSUS RPDB CAPE GAPP DEMENTA A/GFRUE PDP | | | CHE |
| RPDB CAPE GAPP DEMENTA AVGPRICE PDP | | | HYPER |
| CAPE GAPP DEMENTIA ANGERICE | | | CENSUS RPDR |
| DEMENTIA AVGPRICE POP | | | CAPE |
| POP | | | DEMENTIA AVORBIVE |
| ONMARG PCPOP | | | POP |
| | | | PCPOP |
| | | | |

| # 1104 | Project Title | ICES Data |
|-----------|--|--|
| | Red Blood Cell Transfusion in Palliative Care: A Retrospective Observational Cohort Study | LHIN |
| | | PCCF INST |
| | | AVGPRICE ESTSOB |
| | | CCRS DAD |
| | | NACRS NRS |
| | | OHIP RAIHC |
| | | A STHM |
| | | A CHF COPD |
| | | HYPER ODD |
| | | OMD ORAD |
| | | CENSUS RPDB |
| | | ORGD HCD |
| | | ODB OMHRS |
| | | OWNERS SDS ADP |
| | | CAPE |
| | | CAPE GAPP OCCI |
| | | OHCAS |
| | | OPCPD (The Ottawa Hospital Palliative Care Patient Dataset) Dataset #2: Translusions Dataset Dataset #1: Patient data |
| 1105 | Reducing hospital and long term care facility Cdifficile infection rates by understanding sources of infection | DAD |
| | , | NACPS ODB |
| l | | RPDB DIN |
| l | | PCCF |
| l | | INST SDS |
| l | | CONTACT IMS Dataset |
| | | |
| 1106 | Reducing low value cardac testing | DIN REF DAD |
| l | | NACRS |
| l | | ODB OHIP |
| l | | HYPER ODD |
| l | | RPDB PCCF |
| l | | CCN IPDB |
| l | | SDS COPD |
| l | | AHRC - Echo WISELY REDCap data base |
| l | | Cardiac Care Network Echocardiography Registry (CCN-ER) |
| 1107 | Reducing Readmissionalter Acute Coronary Syndrome Hospitalization by Identifying Important Determinants and Effective Strategies to Improve Carr | Echo WISELY mesterlist - physician identifiers IPDB |
| , 107 | | IPDB DIN LHIN |
| l | | PCCF |
| l | | REF INST |
| l | | DAD NACRS |
| l | | ODB OHIP |
| l | | OMHRS SDS |
| l | | ASTHM A CHF |
| | | COPD |
| l | | HYPER MOMBABY ODD |
| l | | OMD |
| l | | CENSUS CONTACT |
| l | | PPDR |
| l | | EFFECT2 |
| 1100 | | |
| | Pagingal an eath said and automore a population has a dearmore the effect and a state of the end of | inon. |
| 1100 | Regional anesthesia and outcomes a population-based comparative effectiveness and validation study | IPDB INST |
| 1100 | Regional anes files ia and out-omes: a population-based comparative effectiveness and validation study | INST AVGPRICE DAD |
| 1100 | Regional anes filesia and outcomes a population-based comparative effectiveness and validation study | INST AVGPRICE DAD NACRS ODB |
| 1100 | Regional anesthesia and outcomes a population-bæedcomparative effectiveness and validation study | INST AVGPRICE DAD MARS GOOD CHIP SISS |
| 1100 | Regional anes fiesia and outcomes a population-based comparative effectiveness and validation study | NST AVGRICE DAD NACRS ODB ODB ASTMA ASTMA CHF |
| 1100 | Regional anes fresia and outcomes: a population-based comparative effectiveness and validation study | NST AVGRICE DAD NACRS ODB ODB ASTMA ASTMA CHF |
| 1100 | Regional anes files ia and out-omes: a population-based comparative effectiveness and validation study | NST AVGPRICE AVGPRICE DATE AVGPRICE DA |
| 1100 | Regional anes fiesia and outcomes: a population-based comparative effectiveness and validation study | INST AVGPRICE DAD |
| 1100 | Regional anes fiesia and outcomes a population-based comparative effectiveness and validation study | NST AVGPRICE DAD MACRS MACRS SSS SSS ASTHMA CHF COPD HYPER CODD CENSIS RPDB CENSIS RPDB CAPE |
| 1100 | Regional anes fresia and outcomes: a population-based comparative effectiveness and validation study | NST AVGPRICE AVGRICE AVG |
| | | NST AVGPRICE AVGPRICE DATE DATE DATE DATE DATE DATE DATE DAT |
| 1109 | Regional anes thesia and outcomes: a population-based comparative effectiveness and validation study Regional Variation and Determinants of Organ Donation Registration Status in Ontario | NST AVGPRICE AVGRICE AVG |
| 1109 | | NST AVGPRICE |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | NST AVGPRICE AVGPRICE AVGPRICE AVGPRICE COB CHIP SIDS ASTHMA CHIP COPP COPP COPP COPP COPP COPP COPP CO |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | NST AVGPRICE AVGPRICE AVGPRICE DAM AVGPRICE DAM AVGPRICE DAM AVGPRICE DAM ASTHMA COPP COPP COPP COPP COPP COPP COPP COP |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | INST AYGPRICE AYGPRICE AYGPRICE BAACRS COB OHIP OHIP OHIP OHIP OHIP OHIP OHIP OHIP |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | NST AVGPRICE |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | NST AVGRICE AV |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | INST AVGPRICE AVGPRICE AVGPRICE AVGPRICE CORD CHIP SIDS ASTHMA CHIP COPPER COPP COND COMB CENSUS RPDB CAPE NAS CORMON Periop validation data set CCC CCC DIN LIN LIN LIN LIN LIN LIN LIN LIN LIN L |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | NST AVGPRICE |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | NST AVGPRICE |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | NST AVGPRICE AVGPRICE AVGPRICE AVGPRICE ORD |
| 1109 | Regional Variation and Determinants of Organ Donation Registration Status in Ontario | INST AVGPRICE AVGPRIC |

| # | Project Title | ICES Data |
|------|--|-----------------------------------|
| 1111 | Representation Learning on EHR Data | CPDB IPDB DIN |
| | | LHIN |
| | | PCCF REF DAD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | SDS MOMBABY OCCC |
| | | CENSUS CONTACT |
| | | POP RPDB HCES |
| | | CENSUSCA |
| | | NLSCY OLIS |
| | | EMRALD ETHNIC |
| | | NMS ODD |
| | | BORN ASTHM A HIV |
| | | ODD ERCLAIM |
| | | |
| 1112 | Representation of Black persons in the Ontario provincial correctional system | PCCF REF |
| | | RPDB MCSCS ONMARG |
| 1 | | |
| 1113 | Reproductive health needsof young adult females with cancer | CPDB IPDB PCCF |
| 1 | | REF |
| 1 | | DAD NACPS |
| 1 | | OHIP SDS |
| | | MOMBABY CENSUS CONTACT |
| 1 | | CONTACT POP RPDB |
| | | ONMARG ALR OCR |
| | | OCR ODB NDFP |
| | | NDFP |
| 1114 | Resouce utilization and costs in the careof patients with hematologic malignancies | IPDB |
| | | LHIN PCCF INST |
| | | AVGPROE CCRS |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | OHIP |
| | | OMHRS SDS CENSUS |
| | | RPDB ALR |
| | | NDFP OCR |
| | | |
| 1115 | RESPECT Pancreatic Cancer | LHIN PCCF |
| | | CCRS |
| | | DAD HCD NACRS |
| | | ODB OHIP |
| | | RAICA RAIHC |
| | | SDS ASTHM A CHF |
| 1 | | A CHF COPD HIV |
| | | HIV HYPER ODD |
| 1 | | OMID |
| 1 | | RPDB ALR OCR |
| | | OCR IPDB DIN |
| 1 | | NRS ORGD |
| 1 | | CIC NDFP % getradiationcost |
| 1 | | % getchemocost OCCC |
| | | ORAD |
| 1116 | RESPECT Pancreatic Cancer and Home Care | LHIN PCCF |
| | | PCCF CCRS DAD |
| 1 | | DAD HCD NACRS |
| 1 | | ODB OHIP |
| 1 | | RAICA RAIHC |
| 1 | | SDS ASTHM |
| 1 | | A CHF COPD |
| | | HIV HYPER ODD |
| 1 | | ODD OMID RPDB |
| 1 | | ALR OCR |
| | | \ |
| | | |

| # | Project Title | ICES Data |
|------|---|---|
| 1117 | Project Title Retention in and attrition from HIV-Hepatits. C care settings in Ottawa and Toronto | ICES Data CPPB IPDB IPDB PCCF AVGERICE DAD MOCRS GHIP COHIPP COHIRS SISS ASTHIM CHP CHP CMF CMF COCC CMD CONTACT RPDB COCC COCC |
| | Retinal Detachment Repair Procedure in Two Toronto Hospials; A Validation Study | INST DAD NACIS CHIP SUS SUS RPDB COD Datasetti: SIMchael's Hospital Data Datasetti: Sumybook HSC Data |
| | Rheumatology serology test volumes in Ontario | OLIS |
| 1120 | Risk adjustment models for cardiac conditions | PDB DN REF REF ROFI ROFI CORS CORS CORS CORS CORS CORS CORS CORS |
| 1121 | Risk factors and fiming of venous thromboembolisms in patients undergoing liverresection for colonic metastases | PDB DN REF REF ROF ROF ROF ROF ROF ROF ROF ROF ROF RO |
| 1122 | Risk of breast cancer among women previously exposed to computed tomography (CT) examination of the thorax within pregrancy or postpartum | BORN |
| | Risk of fracture in passents with thyroid cancer | PCCF NACA NACRS COB CHIP SIDS SIDS SIDS SIDS SIDS SIDS SIDS SI |
| | Risk of Future Maternal Cardiovas cular Diseases following Twin Gestations Complicated by Hypertensive Disorders of Pregnancy | EPDB PPDB DAD NACRS CHIP SIDS SIDS CHIPER MOMENAB MOMENAB ETHING GC COD |
| 1125 | Risk ofgenitourinary infections in patients treated with SGLT2 inhibitors | PCCF DAD MACRS MACRS COMPRS SDS CCENSUS RPDB OMMARG MCSS CHGD |

| # | Project Title | ICES Data |
|---------|--|------------------------|
| 1126 | Risk of Long-Term Chronic Kidney Disease and Hypertension Among Childhood Cancer Survivors: A Matched Cohort Study | IPDB DIN |
| | | DIN LHIN PCCF |
| | | REF CORR |
| | | CORK DAD NACRS |
| | | OHIP SDS |
| | | MOMBABY CENSUS |
| | | CONTACT POP |
| | | RPDB POGONIS |
| | | |
| 1127 | Risk of Major CV Events among Heart Failure with Preserved Ejection Fraction (HFpEF) Patients and High-Risk Subgroups | DAD |
| | () , , , , , , , , , , , , , , , , , , | NACRS ODB |
| | | OHIP SDS |
| | | ASTHMA CHF |
| | | COPD HYPER |
| | | ODD RPDB EFFECT |
| | | IschemicHF EHMRG |
| | | EFFECT2 CCN |
| | | ORGD |
| 1128 | Risk of Multiple Scleros is after Concussion(s) in Adolescence | DAD |
| | | MOMBABY CONTACT |
| I | | RPDB |
| | | |
| 1129 | Risk of Periprosthetic Femoral Fracture, Death, and Complications Associated With Cemented versus Uncomented HipArthroplasty | CPDB IPDB |
| I | | DIN LHIN |
| 1 | | PCCF REF |
| | | INST CCRS CPRO |
| I | | CPRO DAD HCD |
| | | NACRS |
| | | ODB OHIP SDS |
| | | CENSUS |
| | | CONTACT POP RPDB |
| | | ONMARG DEMENTIA |
| | | ORGD CJRR |
| | | getacg |
| 1130 | Risk of sudden death in methadone-treated patients prescribed serotonin reuptakeinhibitors (SRI) | DAD OHIP |
| | | OHIP POP RPIB |
| | | CCN |
| | | IPDB CHF |
| | | DAD |
| 1131 | Risk prediction algorithms for cardiovascular diseases in individuals with common mental disorders | NACRS OHIP |
| | | OMHRS CONTACT |
| | | RPDB OLIS |
| | | CCHS ORGD |
| | | |
| 1132 | Rurality index score and pedatric neuro-orcological outcome in Ontario | DAD NACES |
| I | | NACIS OHIP RPDB |
| I | | OCR OBSP |
| 1 | | |
| | | |
| 1133 | Safety and Effectiveness of DOAC for Stroke Prevention in Non-Valvular Atrial Fibrillation: A Multi-Database Cohort Study with Meta-Analysis | CPDB IPDB |
| 1 | | DIN PCCF |
| I | | REF DAD |
| I | | NACRS ODB |
| 1 | | OHIP SDS ACTHM |
| I | | ASTHM A CHF COPD |
| 1 | | COPD HIV HYPER |
| I | | OCC ODD |
| I | | OMD ORAD |
| I | | CENSUS CONTACT |
| 1 | | RPDB ONMARG |
| 1 | | OCR |
| <u></u> | | |
| 1134 | Safety of bowel cleansers when combined with bis acodyl stimulant lax ative: feasibility study | CPDB IPDB |
| | | DIN LHIN PCCE |
| | | PCCF REF DAD |
| 1 | | DAD NACPS ODB |
| I | | OHP SDS |
| 1 | | RPDB |
| | | |
| | | |

| This State possess and party was not form to the state program to the st | # | Project Title | ICES Data |
|--|------|--|---------------------------|
| Title States price and and and and garge posper of path honores Title States price and and and party posper of path honores Title States price and and party posper of path honores Title States price and and party posper of path honores Title States price and party posper of path honores Title States price and path of path path path path path path path path | | | DIN |
| 4.155 Substantial of an and progeness of grant reviews 4.155 Substantial of an and progeness of grant reviews 4.157 Substantial and contrast and progeness of grant reviews 4.157 Substantial and contrast and progeness of grant reviews 4.158 Substantial and contrast and progeness of grant reviews 4.158 Substantial and contrast and progeness of grant reviews 4.159 Substantial and contrast and progeness of grant reviews 4.159 Substantial and Contrast and progeness of grant reviews 4.150 Substantial and Contrast and progeness of grant reviews 4.150 Substantial and Contrast and progeness of grant reviews 4.150 Substantial and Contrast and progeness of grant reviews 4.150 Substantial and Contrast and Substantial and Subs | 1 | | INST CPRO |
| Total Substantial and a scale programme of prefix memory in the control of the co | | | DAD |
| Total Substantial and a scale programme of prefix memory in the control of the co | | | NACRS NRS |
| 1156 Sale-control and cost and progression of grantenesses 1167 Stores Day Obstratege after Percentances at Costany Notice and Social Costand | | | ODB OHIP |
| Total College Control and College | | | CENSUS |
| 1132 Solitochard and the kind programme of gram is naturally and only the control of the programme of the control of the contr | | | RPDB OLIS |
| 1137 Series Day Data have go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1147 Series Day Data have go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1148 Series Day Charles go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1149 Series Day Charles go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1140 Series Day Charles go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1141 Series Day Charles go able Photosumous Cotation by North Water Temporal Series 1141 Series Day Charles and Correct Benefit Series Series Series Series 1141 Series Day Charles Series Seri | | | OTR ORGD |
| 1137 Series Day Data have go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1147 Series Day Data have go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1148 Series Day Charles go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1149 Series Day Charles go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1140 Series Day Charles go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1141 Series Day Charles go able Photosumous Cotation by North Water Temporal Series 1141 Series Day Charles and Correct Benefit Series Series Series Series 1141 Series Day Charles Series Seri | | | |
| 1137 Series Day Data have go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1147 Series Day Data have go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1148 Series Day Charles go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1149 Series Day Charles go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1140 Series Day Charles go able Photosumous Cotation by North Water Temporal Series in utilization and chinade-outsiness 1141 Series Day Charles go able Photosumous Cotation by North Water Temporal Series 1141 Series Day Charles and Correct Benefit Series Series Series Series 1141 Series Day Charles Series Seri | 1136 | Salbutamol and risk and progression of parkinsonism | NACPS |
| 1137 Date Day Dacharge aller Percuenceau Coomag Yearn vertein in Chiare's Tamporial heads in distance and closed outcomes. 1137 Date Day Dacharge aller Percuenceau Coomag Yearn vertein in Chiare's Tamporial heads in distance and closed outcomes. 1138 Date Apace absolute Assembly by during animalized southwest of Chiare's Tamporial heads in distance and closed outcomes. 1139 Date Apace absolute Assembly by during animalized southwest of Chiare's Indiana. 1139 Date Apace absolute Namely By during animalized southwest of Chiare's Indiana. 1139 Date Option also and Contractional Introduction In Appropriate Chiare's Indiana. 1139 Date Option also and Contractional Introduction In Appropriate Chiare's Indiana. 1139 Date Option also and Contractional Introduction In Appropriate Chiare's Indiana. 1139 Date Option also and Contractional Introduction In Appropriate Chiare's Indiana. 1139 Date Option also and Contractional Introduction In Appropriate Chiare's Indiana. 1140 Date Option and Machine Chiare's International Chiare's International Contractions. 1141 Date Option and Machine Chiare's International Chiare's International Contractions. 1141 Date Option and Machine Chiare's International Chia | | | SDS |
| 1137 Chang Day Discharge after Perculancea Ciseasay Nacrosterios in Cristian Collection in utilization and clinical socionnes 11 | | | CONTACT |
| T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Sc | | | NF UB |
| T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Sc | 1137 | Same Day Discharge after Perculaneous Company Intervention in Ontario Temporal trends in utilization and clinical outcomes | DIN |
| T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro hopefuls T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Scale, specialization, earning-by-down and recipit outcomes in Chlaro T138 Sc | 1107 | Called Say Shortange and Forestandous Colonially in Strategic Interportations of Called Strategic and Colonial | LHIN PCCF |
| 1138 East, specialization, tearining by doing and length accurate in Christia Indigenal 1139 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1130 East, specialization, tearining by doing and length accurate in Christia Indigenal 1131 East, specialization, tearining by doing accurate in Christia Indigenal 1132 East, specialization, tearining by doing accurate in Christia Indigenal 1133 East, specialization, tearining by doing accurate in Christia Indigenal 1134 East, specialization, tearining by doing accurate in Christia Indigenal 1135 East, specialization, tearining by doing accurate in Christia Indigenal 1135 East, specialization accurate in Christia Indigenal 1136 East, specialization accurate in Christia Indigenal 1137 East, specialization accurate in Christia Indigenal 1138 East, specialization accurate in Christia Indigenal 1139 East, specialization accurate | | | REF INST |
| 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and many or Unitario Negatible 1130 State, specialization, learning by design and learning | | | AVCERICE |
| 1138 Cate, special aton, saming by doing anchorager outcomes in United Processing Services (September 1) - Part 3 Child Health 1140 Schoophrane and Consettinal Involvement - A Republish - See of Busy 1140 Schoophrane Understood in the Pernsal period Psychate Customes and Reproductive Trajectories (September 1) - Part 3 Child Health 1141 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1141 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1141 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1142 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1143 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1144 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1145 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1146 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1147 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1148 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1149 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1140 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1140 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1140 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1141 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1140 Screening and Vicervalor by Family Psystems to Hoppins Bin Inmigrants to Ordano 1440 Screening and Vicervalor by Family Psystems Bin Inmigrants to Ordano 1441 Screening and Vicervalor by Family Psystems Bin Inmigrants to Ordano 1441 Screening and Vicervalor by Family Psystems Bin Inmigrants to Ordano 1442 Screening and Vicervalor by Family Psystems Bin Inmigrants to Ordano 1443 Screening and Vicervalor by | | | E CCRS DAD |
| 1138 Scale, special alon, saming by doing antimorph outcomes in Unitario hopelate 1139 Schlophrenia and Correctional Involvement - APspulston-based Study 1139 Schlophrenia and Correctional Involvement - APspulston-based Study 1130 Schlophrenia and Correctional Involvement - APspulston-based Study 1130 Schlophrenia Uniderstood in the Parasid period. Psychiatric Outcomes and Reproducts in Timpotonias (SUMYORT) - Para 3 Child Health 1140 Schlopphrenia Uniderstood in the Parasid period. Psychiatric Outcomes and Reproducts in Timpotonias (SUMYORT) - Para 3 Child Health 1141 Schlopphrenia Uniderstood in the Parasid period. Psychiatric Outcomes and Reproducts in Timpotonias (SUMYORT) - Para 3 Child Health 1141 Schlopphrenia Uniderstood in the Parasid period. Psychiatric Outcomes and Reproducts in Timpotonias (SUMYORT) - Para 3 Child Health 1141 Schlopphrenia Uniderstood in the Parasid period. Psychiatric Outcomes and Reproducts in Timpotonias (SUMYORT) - Para 3 Child Health 1141 Schlopphrenia Uniderstood in the Parasid period. Psychiatric Outcomes and Reproducts in Timpotonias (SUMYORT) - Para 3 Child Health 1141 Schlopphrenia Uniderstood in the Parasid period. Psychiatric Outcomes and Reproducts in Timpotonias (SUMYORT) - Para 3 Child Health 1141 Schlopphrenia Uniderstood in the Parasid period. Psychiatric Uniderst | | | NACRS |
| 1138 Scan, specially alon, is arming by doing interesting coulomes in Ontario Register 1138 Scan, specially alon, is arming by doing interesting coulomes in Ontario Register 1139 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1140 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1140 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1141 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1141 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1141 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1141 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1141 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1141 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1142 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1143 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1144 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1145 School of the Contraction of the Personal period Psychiatric Customes and Register in Trage being (SUPPORT) - Part 3. Child Health 1146 School of the Contraction of the Personal period Psychiatric Customes and Register i | | | NRS ODB |
| 1136 Code, specialization, learning-by doing another get outcomes in Christols hospitals 1137 Code, specialization, learning-by doing another get outcomes in Christols hospitals 1138 Code, specialization, learning-by doing another get outcomes in Christols hospitals 1139 Schlaephrenia and Cornetional Involvement - A Population-based Study 1130 Schlaephrenia and Cornetional Involvement - A Population-based Study 1130 Schlaephrenia and Cornetional Involvement - A Population-based Study 1130 Schlaephrenia and Cornetional Involvement - A Population-based Study 1130 Schlaephrenia and Cornetional Involvement - A Population-based Study 1130 Schlaephrenia and Cornetional Involvement - A Population-based Study 1130 Schlaephrenia Linderstood in the Parinalal particle Psychiatric Outcomes and Reproductive Trajectives (SUPPORT) - Part 1. Child Health 1140 Schlaephrenia Linderstood in the Parinalal particle Psychiatric Outcomes and Reproductive Trajectives (SUPPORT) - Part 1. Child Health 1141 Schlaephrenia Linderstood in the Parinalal particle Psychiatric Outcomes and Reproductive Trajectives (SUPPORT) - Part 1. Child Health 1142 Schlaephrenia Linderstood in the Parinalal particle Psychiatric Outcomes and Reproductive Trajectives (SUPPORT) - Part 1. Child Health 1143 Schlaephrenia Linderstood in the Parinalal particle Psychiatric Outcomes and Reproductive Trajectives (SUPPORT) - Part 1. Child Health 1144 Schlaephrenia Linderstood in the Parinalal particle Psychiatric Outcomes and Reproductive Trajectives (SUPPORT) - Part 1. Child Health 1145 Schlaephrenia Linderstood in the Parinalal particle Psychiatric Outcomes and Reproductive Trajectives (SUPPORT) - Part 1. Child Health 1146 Schlaephrenia Linderstood in the Parinalal particle Psychiatric Outcomes and Reproductive Trajectives (SUPPORT) - Part 1. Child Health 1147 Schlaephrenia Linderstood in the Parinalal particle Psychiatric Outcomes and Reproductive Trajectives (SUPPORT) - Part 1. Child Health 1148 Schlaephrenia Linderstood in the Parinalal particle | | | OHIP OMHRS |
| 11-28 Cale, specialization, learning-by doing anotherager cutcuries in Chiterio fragilish. 11-29 Cale, specialization, learning-by doing anotherager cutcuries in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherager cutcuries in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherager cutcuries in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherager cutcuries in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherager cutcuries in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherager cutcuries in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherager cutcuries in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, specialization, learning-by doing anotherage in Chiterio fragilish. 11-20 Cale, sp | | | SDS HYPER |
| ### Code Code Cod Code Code Cod Cod Cod Cod Cod Cod Cod Cod | | | ODD CENSUS |
| Correction 1138 Scale specialization, learning by doing andmorger outcomes in Oritario hospitals 1139 Scale specialization, learning by doing andmorger outcomes in Oritario hospitals 1130 Colle specialization, learning by doing andmorger outcomes in Oritario hospitals 1130 Colle specialization, learning by doing andmorger outcomes in Oritario hospitals 1130 Colle specialization, learning by doing andmorger outcomes in Oritario hospitals 1130 Colle specialization, learning by doing andmorger outcomes in Oritario hospitals 1130 Colle specialization, learning by doing andmorger outcomes in Oritario hospitals 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing andmorger outcomes and Study 1130 Colle specialization, learning by doing andmorger outcomes and Study 1130 Colle specialization, learning by doing andmorger outcomes and Study 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing andmorger outcomes in Oritario 1130 Colle specialization, learning by doing and learning by doing and learning by doing by doing and learning by doing and learning by doing by doing and learning by doing and learning by doing b | | | RPDB ADP |
| Scale, specialization, learning-by-doing andmirigar outcomes in Orbitric hospitals Tigs | | | GAPP |
| Scale, specialization, learning-by-doing andmirigar outcomes in Orbitric hospitals Tigs | | | OHCAS OCCI |
| The Control of the Co | | | CHF |
| Schizophrenia and Correctional two latered - A Population-based Sady 1139 Schizophrenia and Correctional two latered - A Population-based Sady 1139 Schizophrenia and Correctional two latered - A Population-based Sady 1139 Schizophrenia Undersood in the Perinate period Psychiatric Outcomes and Reproductive Trajectories (SUPFORT) - Parts Chief Health 1140 Schizophrenia Undersood in the Perinate period Psychiatric Outcomes and Reproductive Trajectories (SUPFORT) - Parts Chief Health 1141 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1141 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1141 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1141 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1141 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1141 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1142 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1143 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1144 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1145 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1146 Schizophrenia Undersood in the Perinate Physiolans for Hepates Bin Investrate to Ontolino 1147 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1148 Screening and Vaccination by Family Physiolans for Hepates Bin Investrate to Ontolino 1149 Schizophrenia Undersood in the Perinate Physiolans Investigate to Ontolino 1140 Schizophrenia Undersood in the Perinate Physiolans Investigate to Ontolino 1140 Schizophrenia Undersood in the Perinate Physiolans Investigate to Ontolino 1140 Schizophrenia Undersood in the Perinate Physiolans Investigate to Ontolino 1141 Screening and Ontolino 114 | | | CCN |
| Schizophrenia and Correctoral Involvement - APopulation-based Study 1139 Schizophrenia and Correctoral Involvement - APopulation-based Study 1139 Schizophrenia and Correctoral Involvement - APopulation-based Study 1139 Poblic Schizophrenia Involvement - APopulation - APOPULATION - Politic Schizophrenia Involvement - APOPULATION - Politic Schizophrenia Invo | 1138 | Scale, specialization, learning-by-doing andmerger outcomes in Ontario hospitals | PCCF |
| T139 Schizophrenia and Correctional involvement - APopulation-based Study T139 Schizophrenia and Correctional involvement - APopulation-based Study T139 Schizophrenia and Correctional involvement - APopulation-based Study T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T | | | REF INST |
| T139 Schizophrenia and Correctional involvement - APopulation-based Study T139 Schizophrenia and Correctional involvement - APopulation-based Study T139 Schizophrenia and Correctional involvement - APopulation-based Study T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T140 Schizophrenia Understood in the Parinasal period. Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part 3: Chief Health T | | | DAD NACRS |
| 1139 Schizophrenia and Correctonal Involvement - A Population-based Study Position of the Perinate Involvement - A Population-based Study Position of the Perinate Involvement - A Population-based Study Position of the Perinate Involvement - A Population-based Study Position of the Perinate Involvement - A Population-based Study International Correctional Vision of the Perinate Involvement - A Population-based Study Position of the Perinate Involvement - A Population-based Study International Correctional Vision of the Perinate Involvement - A Population-based Study International Correctional Vision of the Perinate Involvement - A Population-based Study Position of the Perinate Involvement - A Population-based Study International Correctional Vision of the Perinate Involvement - A Population-based Study International Correction International Vision of the Perinate Internationa | | | CENSIS |
| Schizophrenia and Corractonal Problement - A Population-based Study Page | | | POP RPDB |
| Schizophrenia and Correctonal Involvement - APopulation-based Study # PDB MACRE M | | | MIS |
| List of Period Residence of Period Residence of Period Residence of Re | | | ORGD |
| List of Period Residence of Period Residence of Period Residence of Re | 1130 | Schizonhyania and Carrestonal Involvement. A Population-based Study | IDDD |
| REFORMER 6 STROB 6 STR | 1155 | Contracting and Contractional involvement. An optimison based Gady | LHIN PCCF |
| CORS DAD DAD NACRS NACRS NACRS NACRS NACRS NACRS AND CHIP CAMERS RPDB ADP CAMERS RECTS CAMARG guiseq MACCS T1440 Schizophrenia Understood in the Perinatal period: Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part3: Child Health DR | | | INST |
| DAD NCRS NRS COB COB COMERS SISS SISS SISS SISS SISS SISS SISS S | | | CCRS |
| COBB COMBRIS SIDS RPDB CAPE COCI CNARRS SIDS RPDB CAPE COCI CNARRS SACSCS 1140 Schizophrenia Understood in the Perinatal period: Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part3: Châd Health PDB CAPE CCRS AVEPRE E 37508 CCRS NACRS NRS OUBP COMP COMRS RAINC CODD COCKTACT RPDB griss SC TOCKTACT RPDB griss SC TOCKTACT RPDB GRISS NRS CCRS CC | | | DAD |
| COBB COMBRIS SIDS RPDB CAPE COCI CNARRS SIDS RPDB CAPE COCI CNARRS SACSCS 1140 Schizophrenia Understood in the Perinatal period: Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part3: Châd Health PDB CAPE CCRS AVEPRE E 37508 CCRS NACRS NRS OUBP COMP COMRS RAINC CODD COCKTACT RPDB griss SC TOCKTACT RPDB griss SC TOCKTACT RPDB GRISS NRS CCRS CC | | | NACRS NRS |
| Sign Ryche Ryche CAPE CCCI COMMRG General ACCES SSS RYCHE CAPE CCCI COMMRG General ACCES SSS RYCHE CAPE CCCI COMMRG General ACCES SSS RYCHE ACCES SSS RYCHE SSS RYCH SSS RYCHE SSS RYCHE SSS RYCHE SSS RYCHE SSS RYCH SS | | | OHIP |
| APP CAP CAP CAP CAP CAP CAP CAP CAP CAP | | | OMHRS SDS |
| CCCI OMARG getes 1140 Schizophrenia Understood in the Perinatal period: Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part3: Child Health PDB DIN PCCF AVGREE ESTSCB CCAD NACRS NRS COB | | | RPDB ADP |
| Schizophrenia Undersbod in the Perinatal period: Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part3: Child Health DN UHN Proof Art Exists on CCRS OAD NACRS NRS COB OCT PROOF OF A COMPAN OR COMPA | | | OCCI |
| 1140 Schizophrenia Undersbod in the Perinatal period: Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) - Part3; Child Health ### PCCF AVGRRE ESTINGS COR NACRS NRS COR OR OR OR ### PCCF RATIC | | | ONMARG getacg |
| DN LINI PRE AVGPRIE E STSGB CCRS DAD NACRS NRS ODB OMB OMB OMB OND CCNTACT RPDB getting LIN PCCF RST CCRS DAD NRS ODB ODD CONTACT RPDB OMB OMB ODB ODD CONTACT RPDB OMB OMB ODB ODD CONTACT RPDB ODB ODB ODB ODB ODB ODB ODB ODB ODB O | 1 | | MUSUS |
| DN LINI PRE AVGPRIE E STSGB CCRS DAD NACRS NRS ODB OMB OMB OMB OND CCNTACT RPDB getting LIN PCCF RST CCRS DAD NRS ODB ODD CONTACT RPDB OMB OMB ODB ODD CONTACT RPDB OMB OMB ODB ODD CONTACT RPDB ODB ODB ODB ODB ODB ODB ODB ODB ODB O | 1140 | Schizophrenia Inderstood in the Perinatal period: Psychiatric Outcomes and Remodurity e Trainchnias (SLIPPORT) - Parts: Child Health | IPDR |
| PCCF AVGPREE ESTSOB CCRE NACRS NRS OB OHIP OMHRS RAHC BOD CCNTACT RPDB getteg 1141 Screening and Vaccination by Family Physicians for Hepatitis B in Immigrants to Ontario UNIN PCCF NST CCRS DAD HCD NACRS NSS OB OHIP SIDS OHIP SIDS OHIP SIDS OHIP SIDS CENSUS RPDB OMIRG Geath | 1140 | Consumer of the state of the st | DIN |
| CCRS DAD NACRS NACRS NACRS NACRS OCH OMHRIS RAINC SDS ODD CONTACT RPDB gelscg LHIN PCCF RNST CCRS DAD HD | | | PCCF |
| NACRS NRS OOB OHP ORES RAHC SSS OOD CONTACT RPDB getting 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants for Hepatitis Bin Immigrants for Hepatitis Bin | 1 | | ESTSOB CCRS |
| NRS ODB ORP ORP ORP RAME SOS ODD CONTACT RYDDS getting 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin immigrants to Ontario LIN PCCF RCT ODA DAB HCD NACRS NRS ODB ONMARG GRAM ORB ONMARG GRAM | 1 | | DAD NACRS |
| CHIP OM-HRS RAHC SISS CON CONTACT RPDB getacg 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin immigrants to Ontario LHIN PCCF INST CCRS DEC DCD NACRS NRS COB CHIP SIS CENSUS RPDB CCNNARG getan | 1 | | NRS |
| RAHC SDS ODD CONTACT RPDB getter 1141 Screening and Vaccination by Family Physicians for Hepatits Bin Immigrants to Ontario LHIN PCCF INST CCRS DLM HD HD HACRS NRS ODB CHIP SDS CENSUS RPDB CNNRRG gettin | 1 | | OHIP OMHRS |
| ODD CONTACT RPDB getting 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants to Ontario 1441 Screening and Vaccination by Family Physicians for Hepatitis Bin Immigrants for | 1 | | RAIHC SDS |
| RPDB getting 1141 Screening and Vaccination by Family Physicians for Hepatitis B in Immigrants to Ontario 1141 Screening and Vaccination by Family Physicians for Hepatitis B in Immigrants to Ontario 144 PCCF NST CCRS DAD HCD NACRS NMS ONE ONE SDS CENSUS RPDB ONMARG geam | | | ODD CONTACT |
| 1141 Screening and Vaccination by Family Physicians for Hepatitis B in Immigrants to Ontario Little PROF RST CCRS DAD HCD NACRS NAS ONIP SIS CENSUS RPDB ONMARG geam | 1 | | RPDB |
| PCCF NCTS CCRS CCRS CCRS CCRS CCRS CCRS CCRS C | | | |
| INST CCRS DAD HCD NACRS NNS OBB CHIP SE | 1141 | Screening and Vaccination by Family Physidans for Hepatitis Bin Immigrants to Ontario | PCCF |
| DAD HCD NACRS NNS OB CHIP SE SE GRISUS RPPBS CMMRG geputh | | | INST CCRS |
| NACRS NRS OB OHP SUS CENSUS RPOB CMRRG gepath | | | DAD HCD |
| ODB CHIP SDS CENSUS RPDB CWMRG ggsth | | | NACRS NRS |
| SDS CENSUS RPDB OWMARG gepath | | | ODB OHIP |
| ONMARG gepath | | | SDS |
| gsath | 1 | | ONMARG |
| HBV Prevalence by country | 1 | | gepath |
| | | | HBV Prevalence by country |

| # | Project Title | ICES Data |
|------|---|--|
| 1142 | Screening outcomes and cost-effectiveness of personalized breast cancer screening among women within an organized screening program | IPDB |
| | | DIN LHIN PCCF |
| | | REF INST |
| | | AVGPRŒ ESTSOB CCRS |
| | | CCRS DAD HCD |
| | | NACRS |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | SDS CENSUS RPDB |
| | | ADP CAPE |
| | | GAPP OCCI |
| | | OHCAS ALR NDFP |
| | | OCR |
| | | getchemocost getradiationcost |
| | | Average Risk Cohort_Cost Analysis_Aug 9 2019 |
| 1143 | Seasonal Variation in Stroke in Ontario | LHIN PCCF |
| | | DAD |
| | | NACRS ODB |
| | | OHIP HYPER ODD |
| 1 | | CENSUS RPDB |
| | | |
| 1144 | Second and third-line erlotinib use in non-small cell lung cancer: real world outcomes andpractice patterns over time | DIN |
| 1 | • | LHIN CCRS |
| | | DAD ODB |
| | | OHIP OMHRS CHF |
| | | CHF COPD |
| | | COPD ODD RPDB |
| | | ETHNIC DEMENTA |
| | | NDFP OCR NACRS |
| | | NACRS |
| 1145 | Secular trends in the annual incidence and surgical treatment of pediatric urolithias is in Ontario | AVGPRŒ ESTSOB |
| | | CCRS DAD HCD |
| | | HCD NACRS |
| | | NRS |
| | | ODB OHIP OMHRS |
| | | SDS CENSUS |
| | | CONTACT RPDB |
| | | ADP CAPE GAPP |
| | | NPHS |
| | | OCCI ONMARG CCHS |
| | | ohcas |
| | | |
| 1146 | Sedatives newly prescribed following ICU admission amongsedative-naïve elderly patients | DIN PCCF REF |
| | | REF CCRS DAD |
| | | DAD HCD NACRS |
| 1 | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | SDS RPDB |
| | | NMS |
| L | | |
| 1147 | Self-reported oral health, diabetes outcomes and health care utilization in a cohortof diabetics in Ontario | DAD NACES |
| 1 | | ODB OHIP ODD |
| | | RPDB CCHS |
| | | |
| | | |
| 1148 | Severe hyponatremia at TOH | CCRS DAD |
| | | NACRS ODB OHIP |
| | | OHIP SDS CENSUS |
| | | CONTACT |
| 1 | | CONTACT RPDB OCR |
| | | HYPONATREMIAstroH |
| 1149 | Severe nutritional complications after bariatric surgery | PCCF DAD |
| | | DAD NACRS OHIP |
| | | OHIP SDS RPDB |
| | | OBSP OCR |
| | | REF |
| 1 | | |

| # | Project Title | ICES Data |
|-------|--|---------------------------------|
| 1150 | Severe RSV-related illness among Ontario children: comprehensively identifying high-tisk childrenand evaluate targeted interventions | INST DAD NACRS |
| | | OHIP |
| | | SDS CHF HYPER ODD |
| | | ODD OMD |
| | | OMD CENSUS RPDB |
| | | ONMARG OCR |
| | | |
| 1151 | Sex and gender-based differences in the outcomes of Ontario adults admitted to inpatient rehabilitation after stroke between 2012 and 2017 | IPDB PCCF REF |
| | | INST |
| | | DAD NACRS NRS |
| | | OHIP |
| | | CENSUS RPDB ONMARG |
| | | |
| 1152 | Sex differences in health care utilization prior to ALS case ascertainment | CPDB IPDB |
| | | DIN LHIN PCCF |
| | | REF INST |
| | | CCRS DAD |
| | | HCD NACIPS ODB |
| | | OHIP RAIHC |
| | | SDS CONTACT RPDB |
| | | RPDB ADP ORGD |
| | | • |
| 1153 | Sex-related differences in outcomes with anticoagulantuse | AVGPRICE ECTS OR |
| | | AVGPRŒ ESTSOB CCRS HCD |
| | | NRS OMHRS |
| | | ADP CAPE |
| | | GAPP OCCI |
| | | OHCAS OLIS |
| 1151 | SGLT2 INHIBITORS VS OTHER HYPOGLYCEMICS IN ELDERLY DM2 PATIENTS | MINES |
| 1154 | 30L12 INFIDITIONS VS OTHER REPOSE I CEMICS IN ELDERE FOR INTERVES | SDS HYPER MOMBABY |
| | | MOMBABY ODD ODNTACT |
| | | CONTACT |
| 1155 | Short- and Long-Term Outcomes of SLED vs CRRT at a Tertlary CareHospital | IPDB |
| | | DIN LHIN PCCF |
| | | REF INST |
| | | AVGPRŒ ESTSOB |
| | | CORR DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHIMA |
| | | CHE |
| | | COPD HIV HYPER |
| | | ODD ORAD CENSUS |
| | | CONTACT |
| | | POP RPDB CAPE |
| | | CAPE OLIS ETHINC CCHS OCR |
| | | OCR ORGD |
| | | |
| 1156 | Short and Long-Term Outcomes of Transcatheter Aortic Valve Replacement in Canada | LHIN CCRS |
| | | DAD NACRS |
| | | ODB OHIP CHF |
| | | HYPER CENSUS |
| | | RPDB ORGD DIN |
| | | DEMENTIA CCN |
| 44.55 | | |
| 1157 | Short-term and long-term outcomes of pituitary tumour surgery | CPDB IPDB DIN |
| | | LHIN PCCF INST |
| | | CCRS |
| | | DAD HCD NACRS |
| | | NACRS ODB OHIP SDS |
| | | SDS ODD OMID |
| | | CENSUS RPDB |
| | | ORGD |
| | | |

| # | Project Title | ICES Data |
|------|--|--------------------------|
| | Should this Elderly Patient be Intubated in the Emergency Department? Development and Validation of a Clinical Prediction Tool | PCCF INST |
| | | INST CCRS DAD |
| | | HCD |
| | | HOBIC NACRS NRS |
| | | ODB OHIP |
| | | ASTHMA CHF |
| | | COPD HYPER |
| | | ODD OMD |
| | | ORAD CENSUS |
| | | CONTACT RPDB |
| | | |
| 1159 | Shoulder Arthroplasty Survival | INST AVGPRŒ |
| | | AVGPNUE CCRS DAD |
| | | HCD |
| | | NACRS NRS ODB |
| | | OHIP |
| | | OM-IRS SDS CONTACT |
| | | POP RPDB |
| | | ADP CAPE GAPP |
| | | OCCI |
| 1 | | OHCAS |
| | | |
| 1160 | SHSC health care contacts precedingsuicide | CPDB IPDB |
| 1 | | LHIN PCCF |
| 1 | | REF INST |
| 1 | | DAD NACRS OHIP |
| | | OMHRS SDS |
| | | CENSUS RPDB |
| | | CAPE ORGD |
| | | |
| 1161 | Sickle cell disease in Ontario - Part2 | PCCF |
| | | DAD NACRS OHIP |
| | | RPDB |
| | | NSO |
| | | |
| 1162 | Sickle cell disease in Ontario - Update | PCCF REF AVGPRICE |
| | | ESTSOB CORR |
| | | RAICA RAIHC OMD |
| | | OMD ADP |
| | | CAPE |
| | | GAPP OCCI OHCAS |
| | | |
| 1163 | Simultaneous RESEction of Colorectal Cancer with Synchronous Liver MeTastases; (RESECT), A Feasibility Study - Population-based Analyses | CIHI-DAD CIHI-NACIS |
| | | ODB |
| | | OHIP OCR NDF |
| | | P |
| 1101 | Skip higgsy nellterne of hoolth ogen prodificancie Ostorio (SkiDDO) | conn. |
| 1164 | Skin biopsy patterns of health care practitioners in Ontario (SkiBPO) | CPDB IPDB DIN |
| 1 | | LHIN PCCF |
| | | REF INST |
| | | AVGPRŒ ESTSOB |
| 1 | | CCRS DAD |
| 1 | | HCD NACRS |
| 1 | | NRS ODB |
| 1 | | OHIP OM/RS |
| | | SDS CENSUS CONTROL |
| | | CENSUS CONTACT POP |
| | | RPDB ADP CAPE |
| | | CAPE GAPP OCCI |
| | | OHCAS ONMARG |
| 1 | | OCR ORGD |
| 1 | | |
| 1165 | Sleep deprivation during labour and riskofpsychiatric hospitalization in the first three months after delivery | DAD |
| | · · · · · · · · · · · · · · · · · · · | DAD NACRS OHIP |
| 1 | | OMHRS CHF HYPER |
| | | MOMBABY |
| 1 | | ODD OMD |
| 1 | | CONTACT RPDB BORN |
| 1 | | DON |
| | | |

| # | Project Title | ICES Data |
|------|--|---------------------------------|
| 1166 | Social Assistance and High Cost Healthcare Users in Ontario | IPDB DIN |
| | | PCCF AVGPRŒ |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD HYPER |
| | | ODD OMD |
| | | CONTACT RPDB |
| | | ADP CAPE GAPP |
| | | OCCI OHCAS MCSS |
| | | PCPOP CIC |
| | | CAPE |
| 1167 | Social determinants of health in uterine cancer patients in Ontario: association with disease presentation and outcome | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | AVGPRICE STDPRIC |
| | | E DAD HCD NACRS |
| | | ODB OHIP |
| Ī | | SDS ASTHMA CHF |
| | | COPD |
| Ī | | OMID CENSUS |
| | | CONTACT RPDB ADP |
| | | CAPE ONMARG |
| | | CIC HCD |
| 1168 | Sociodemographic Determinants and Health CareUtilization in Ontario Shores Hospital Patient Population | CPDB IPDB |
| | | IPDB DIN LHIN |
| | | PCCF INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP OMHRS |
| | | OMHRS RAIHC SDS |
| | | ASTHMA CHF COPD |
| | | HYPER ODD |
| | | OMID CONTACT RPDB |
| | | ADP CAPE |
| | | GAPP OCCI ONLORS |
| | | OHCAS OCR |
| 1160 | Sociodemographics, Chronic DiseasePrevalerce, and Multimorbidity in Trillium Health Partners' Catchment Area | IPDR |
| 1103 | | IPDB DAD NACRS OHIP |
| | | OHIP RPDB |
| 1170 | Socioeconomic and geographic variations in violence-related deaths in Ontario: Apopulation-based study | CIC |
| | J. g | |
| 1171 | Socioeconomic status and cancer surgery utilization | LHIN PCCF |
| | | REF INST DAD |
| | | CENSUS POP RPDB |
| | | RPUB |
| 1172 | Spatial accessibility of primary care and other health services for PLWD | CPDB IPDB |
| | | LHIN PCCF |
| | | REF INST |
| | | DAD NACRS ODB |
| | | OHIP RAIHC |
| | | CENSUS RPDB CAPE |
| | | PCPOP OMHRS |
| | | SDS ONMARG |
| | | macro_acg data_CHC MAPSON |
| 1173 | Spatial analysis of mortality trends in Ontario's Local Health Integration Network (LHIN) sub-regions, 1992-2014 | Route_Logisticslpk LHIN |
| | | PCCF REF CENSUS |
| | | CONTACT POP |
| | | RPDB ONMARG ORGD |
| | | CONTACT |
| | | |

| # | Project Title | ICES Data |
|------|---|--|
| 1174 | Spatial clustering of patients within primary care settings and its relationship to differences in the quality of primary care across Ontario | CPDB IPDB |
| | | IPDB DIN REF |
| | | AVGPRIŒ DAD |
| | | NACRS ODB OHIP |
| | | OHIP SDS ASTHMA |
| | | COPD |
| | | HYPER ODD |
| | | ORAD CENSUS POP |
| | | RPDB |
| | | CAPE CCHS |
| | | OCR PHYSNET |
| | | GDML PCCF |
| | | CIC ETHNIC OBSP |
| | | OBSP ORGD |
| | | |
| 1175 | Spatial inaccessibility of greenness and allergic respiratory diseases in children | IPDB PCCF |
| | | REF DAD NACRS |
| | | NACRS OHIP |
| 1 | | OHIP ASTHM A |
| 1 | | A MOMBABY CONTACT |
| | | RPDB BORN |
| 1 | | CCHS CIC tcheq |
| | | |
| L | | NDVI_PM25_NO2_O3_travel time estimates_composition_2009-2018 |
| 1176 | Spatiotemporal trends of incidence and prevalence of Park inson's disease and the survival after diagnosis | NPHS CCHS |
| | | |
| 1177 | Spinal Fusion in Ontario: A population-based perspedive | IPDB LHIN |
| | | PCCF REF INST |
| | | INST AVGPRICE |
| | | AVGPRŒ CCRS DAD |
| | | NACRS |
| | | NRS ODB |
| | | OHIP |
| | | OMHRS SDS RPDB |
| | | ADP |
| | | CAPE GAPP OHCAS |
| | | OCCI |
| | | |
| 1178 | Spinal Imaging Utilization Trends in Ontario, 2001-2017 | CCHS |
| | | |
| 1179 | Spironolactone Use and Incident Atrial Fibrillation | IPDB DIN |
| | | PCCF REF |
| | | CORR DAD NACES |
| | | NACRS ODB |
| | | ODB OHIP SDS |
| | | SDS CONTACT RPDB |
| | | OLIS |
| | | |
| 1180 | SSRI and SNRI drugs and respiratory health outcomes among older adults with COPD | IPDB DIN |
| | | DIN PCCF REF |
| 1 | | DAD HCD |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | SDS CHF |
| | | COPD HYPER |
| | | ODD OMID |
| | | CONTACT RPDB |
| 1 | | |
| 1181 | St Michael's Hospital Acute Kidney Injury Regis¥y | IPDB |
| | | DIN LHIN |
| 1 | | PCCF REF |
| 1 | | CORR DAD |
| 1 | | NACRS ODB |
| 1 | | OHIP |
| | | RPDB GDML |
| | | AKI Registry |
| Ь | | |

| # | Project Title | ICES Data |
|----------|---|---|
| 1182 | Stage at diagnosis and access to cancer care in men with prostate carcerin Northeastern Ontario | CPDB IPDB |
| | | DIN PCCF |
| | | REF DAD |
| | | NACRS ODB OHIP |
| | | OMHRS |
| | | SDS ASTHM A CHF COPD |
| | | HIV |
| | | HYPER MOMBABY |
| | | OCCC ODD |
| | | OMID ORAD CENSUS |
| | | CONTACT RPDB |
| | | ORGD CHF |
| | | COPD ODD |
| 1183 | Stakeholder Perceptions: Focus groups and ideation sessions regarding accessand use of health and health - related data | |
| 1100 | Canonical Totopolis. Totop grap and access to account of a any accessing accessing and include and include acc | Qualitative information collected in the context of stakeholder consultations with the public |
| | | and Canadian researchers |
| 1184 | State of Glomerulonephritis in Ontario using OLIS | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | PEF |
| | | CCRS DAD HCD HOBIC |
| 1 | | NACRS |
| 1 | | NRS ODB OHIP |
| 1 | | OMHRS RAICA |
| 1 | | RAIHC SDS |
| 1 | | CENSUS CONTACT RPDB |
| | | CAPE |
| | | ONMARG |
| 1185 | Statistical Methods for Missing Data | DAD |
| 1100 | adasad nortos of moonig sad | NACRS RPDB |
| | | ORGD EFFECT EFFECTZ |
| | | EFFECIZ |
| 1106 | Simulant Use in Ontario | CORD |
| 1100 | Gendian C36 in Onland | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | REF DAD |
| | | NACRS ODB OHIP |
| | | OMHRS SDS CENSUS |
| | | POP |
| | | RPDB NMS |
| | | Statistics Canada - CANSIM |
| 1187 | Stop Smoking for Ontario Patients Foundational Linkage | CPDB LHIN |
| | | PCCF INST |
| | | DAD NACRS |
| | | ODB OHIP OMHRS |
| 1 | | SDS ASTHMA |
| 1 | | CHF COPD |
| 1 | | HYPER OMID CENSUS |
| 1 | | CENSUS CONTACT RPDB |
| | | OCR |
| 1 | | ORGD ODD CCHS |
| <u> </u> | | Smoking Treatment for Ontario Patients (STOP) database |
| 1188 | Stroke in Young Adults in Ontario: Risk Factors, Stroke Types, CareAccess, Management, Complications and Outcomes | PCCF REF DAD |
| 1 | | NACRS ODB |
| | | OHIP CENSUS RPDB |
| 1 | | RCSN |
| 1 | | ETHNC HYPER ODD |
| | | |
| 1189 | Stroke ReportCards FY2017/18 | DIN LHIN |
| 1 | | PCCF REF |
| 1 | | INST CCRS DAD |
| 1 | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS CENSIS |
| 1 | | POP RPDB |
| 1 | | OHCAS |
| | | Hospital Resource Survey for Stroke Services - Acute, Rehabilitation |

| # | Project Title | ICES Data |
|------|---|----------------------------------|
| 1190 | Stroke risk-adjustmentindex | IPDB |
| | | IPDB PCCF REF |
| 1 | | INST |
| | | DAD HCD NACRS |
| | | NRS |
| | | ODB OHIP |
| | | SDS CENSUS |
| | | RPDB OSR |
| | | |
| 1191 | Stroke-related Risk and Incidence of CardiovascularComplications in Ontario | IPDR |
| | | IPDB LHIN PCCF |
| | | PCCF REF INST |
| | | DAD |
| | | NACRS ODB OHIP |
| | | SDS HIV |
| | | CONTACT RPDB |
| | | ONMARG CIC |
| | | DEMENTIA ASTHMA |
| | | HIV OCCC |
| | | ORAD |
| | | CAPE PCPOP |
| | | |
| 1192 | Suicidal Behaviour and Health Care Service Utilization Prior to Death in Waterloo Region | IPDB LHIN PCCF |
| 1 | | RFF |
| 1 | | INST DAD |
| 1 | | NACRS ODB |
| 1 | | OHIP |
| 1 | | OMHRS SDS CENSUS |
| | | CONTACT POP RPDB ONMARG |
| | | RPDB ONIMAPG |
| | | ORGD gelang |
| | | Geraci |
| 1 | | CHC getacg CHC |
| | | |
| 1193 | Suicide and atopic dermatitis | DAD NACPS |
| | | ODB OHIP |
| | | SDS MOMBABY |
| | | RPDB ORGD |
| | | |
| 1194 | Summarizing Medical Textfor Physicians using Natural Language Processing | EMRALD |
| | | |
| 1195 | SUPPORT III: Social outcomes, preventive care, injury and ambulatory sensitive care in infants and children of women with schizophrenia | IPDB |
| | | DIN DAD NACRS |
| | | ODB |
| | | OHIP OMHRS |
| | | ASTHM A HIV |
| | | HYPER MOMBABY |
| 1 | | OCCC ODD OMD |
| 1 | | RPDB |
| 1 | | ORGD SUPPORT |
| 1 | | III Cohort |
| 1 | | getacg |
| 1196 | Supporting complex cancer patients with multimorbidity navigate efficiently between health care and cancer care systems | DAD |
| 1190 | oopporung oontpor oonton pasinina minimimimiming mangas outrining between nedistrate ditu calle office systems | DAD NACRS OHIP |
| | | SDS ODD |
| 1 | | RPDB |
| 1 | | OCR NMS DIN |
| 1 | | |
| 1197 | Surgery, Anesthesia, and Development of Dementia: A Population-based Retrospective Cohort Study | IPDB DIN |
| | | DIN PCCF REF |
| 1 | | INST |
| 1 | | DAD NACRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS CHF |
| 1 | | COPD |
| 1 | | HYPER |
| | | OCC ODD OMID |
| 1 | | ORAD CONTACT |
| | | CONTACT POP RPDB |
| | | RPDB CCRS HCD |
| 1 | | NRS |
| 1 | | RAIHC ASTHMA ONMARG |
| 1 | | ONMAKG |
| | | |

| # | Project Title | ICES Data |
|------|---|---|
| 1198 | Surgical Ablation of Atrial Fibrillation Evaluation through ICES (SAFE@ICES) | IPDB DIN |
| | | PCCF REF |
| | | DAD NACPS |
| | | ODB OHIP |
| | | SDS CONTACT RPDB |
| | | CCN |
| | | |
| 1199 | Surgical Closure of Pressure Ulœrs in SCI Adults: Case Identification, Health Care Ulfization, Costs and RiskFactors for Surgical Complications | IPDB INST |
| | | AVGPRICE STDPRIC |
| | | E DAD HCD NACRS |
| | | NRS OHIP |
| | | RPDB |
| | | Pressure Ulcer Reconstruction in Spinal Cord Injured Patients PU Reconstruction in SCI Patients |
| 1200 | Surgical Outcomes of People Living with HIV/AIDS in Ontario (SOPHA) Study | IPDB CPDB DIN |
| | | CENSUS POP |
| | | CAPE |
| 1201 | Surgical Treatment of Thoraco abdominal Aortic Aneurysms: Open vs Endovascular Techniques | IPDB |
| | | LHIN PCCF |
| | | REF INST DAD |
| | | NACRS OHIP |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | ODD CONTACT RPDB |
| | | ORGD |
| | | |
| 1202 | Surveillance Colonos copies in Ulcerative Colitis: Does it make a difference? | DAD SDS |
| | | OHIP RPDB |
| | | OCR |
| | | |
| 1203 | Survival and Cardiac Recovery in Pediatric cardiomyopathy (SCRIPT study) | DAD NACRS |
| | | ODB OHIP |
| | | ASTHMA |
| | | CHF COPD |
| | | HYPER MOMBABY |
| | | ODD RPDB ORGD |
| | | OCR CR |
| 1204 | Survival relapse and healthservices utilization (HSLI) rates amonochild hood: ancerpatients base do norther's age atthetime of diagnosis. On tario 1995- | heart failuse SK DAD |
| 1204 | Survival, relapse, and he althservices utilization (HSU) rates among: hild hood: an corpatients based on mother's age at the time of diagnosis, Ontario 1995-2015 | NACRS OHIP |
| | | MOMBABY RPDB |
| | | POGONIS |
| 1205 | Survival treatment nations and excite accordand with advanced high, foliality cancers | CPDB |
| 1203 | Survival, reatment patterns and costs as sociated with advanced high-fatality cancers | CPDB IPDB DIN |
| | | LHIN PCCF |
| | | INST CCRS |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | ODB OHIP OMHRS |
| | | RAICA RAIHC |
| | | SDS CENSUS |
| | | RPDB ONMARG ALR |
| | | CIC |
| | | NDFP OCR |
| | | ESAS |
| 1206 | Survival, treatment patterns, and resource utilization in gastric and esophageal cancer resections in Ontario: Apopulation-based analysis | DIN |
| | , | ODB CIC |
| | | NDFP |
| 1007 | Survival, Treatment Patterns, and Resource Utilization in Gastric Carcer Resoctions in Ontario: A Population - based Analysis | Wholesale Cancer Drug Costs |
| 1207 | oorwa, reementrawins, and resource owa awarii Gastiic Carcerresections in Onario: A Population-based Analyss | LHIN INST AVGPRICE |
| | | STDPRIC E CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | SDS CENSUS RPDB |
| | | RPDB ONMARG ALR |
| | | NDFP OCR |
| | | gepath CPDB |
| | | IPDB PCCF |
| | | DIN ODB NIDEP |
| | | NDFP |
| | | Wholesale Cancer Drug Costs |

| # | Project Title | ICES Data |
|------|---|--|
| | Survival, treatment patterns, and resource utilization in gastroesophageal cancer resections in Ontario: Apopulation-based analysis | LHIN INST |
| | | AVGPRŒ STDPRIC |
| | | E CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB OHIP |
| | | OFFINAL STATE OF THE STATE OF T |
| | | RPDB ONMARG |
| | | ALR NDFP |
| | | OCR CPDB |
| | | IPDB PCCF DIN |
| | | DIN ODB NDFP |
| | | NDFP gepath |
| | | Wholesale Cancer Drug Costs |
| 1209 | Symptom Burden Among Patients with Lung Cancer: Analysis of Province-Wide-Patient Reported Outcomes | DIN DAD |
| | | NACRS ODB OHIP |
| | | OMHRS ASTHM |
| | | A CHF |
| | | COPD HIV HYPER |
| | | MOMBA RY |
| | | OCCC ODD OM/D |
| | | ORAD RPDB |
| | | CIC OCR |
| | | ORGD % getral aloncost % getchemocost |
| | | % getchemocost |
| 1210 | Synthetic oral cannabinoid use among olderadults with COPD | CPDB IPDB |
| | | DIN |
| | | LHIN PCCF REF |
| | | INST |
| | | AVGPRICE CCRS |
| | | CORR CPRO |
| | | DAD HCD HOBIC |
| | | NACRS |
| | | NRS ODB |
| | | OMHRS |
| | | RAICA RAIHC SDS |
| | | ASTHMA CHF |
| | | COPD HIV |
| | | HYPER |
| | | MOMB A BY ODD OMID |
| | | ORAD CENSUS |
| | | CONTACT POP |
| | | RPDB CAPE |
| | | ONMARG ETHNIC |
| | | |
| 1211 | Tailoring Birthweight and Infant Growth Curves to Canadians of Various Ethnic Backgrounds | ETHNIC |
| | | |
| 1212 | Tailoring Physician Interventions to Reduce Impaired Driving | DAD OHIP |
| | | ODD CENSUS |
| | | RPDB ONMARG ETHNIC |
| | | ETHNIC CIC |
| | | Ontario Ministry of Transportation Datasets |
| 1213 | Temozolomide and risk of congestive heartfailure (feasibility study) | INST CHF |
| | | CHE COPD HYPER |
| | | ODD RPDB |
| | | OCR NMS |
| | | |
| 1214 | Temporal trends in centralization of rectal cancer care | IPDB LHIN |
| | | PCCF |
| | | REF INST DAD |
| | | NACRS OHIP |
| | | SDS RPDB |
| | | OCR |
| | | |
| 1215 | Temporal trends in chronic heartfailure, acute myocardid infarction and pneumonia | PCCF DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | MOMBABY CENSUS |
| | | RPDB ADP |
| | | CIC ORGD |
| | | |
| 1216 | Testosterone data from OLIS | Ous |
| | | |
| | | |

| # | Project Title | ICES Data |
|------|---|--|
| 1217 | Testosterone therapy and riskofinjury to patients | DAD NACRS OHIP OMHRS CONTACT RPDB CCHS ORGD |
| 1218 | The Advancement and Democratization of Medical Research in Canada through the Development and Validation of Randomized-Registry Trials | Randomized registry trial randomization study phase 1 |
| 1219 | The Aging Face of Spinal Trauma: An Ontario Population Based Study to Evaluate the Epidemiology and Impact of Age on Traumatic Spinal Cord Injury | DN LHM PCCF RST AVGPRE STDPRIC |
| 1220 | The association between Cannabis use and Cardiovascular Events | EPDB PDB DN LHIN PCCF ROTS DAD HCD NACRS NRS ODB OMPR COMPR |
| 1221 | The association between childhood food insecurity and chronic health conditions: a population based cohort study | CPDB #PDB LHIN MACRS MACRS MACRS SDS AASTHMA CHF COPD HYPER MORRAR CDD CDD CRAD RPDB CCHS CCHS CORR CUS CCC CCC CCC CCC CCC CCC CCC CCC CCC |
| 1222 | The association between DOACs, verous thromboembolism thrombosis and bleeding in patients with moderate to severechroric kidney disease | DN PCCF REF DAG DAG DAG DAG DAG OB OB OHIP CHF CHF CHF CHF COM DAG |
| 1223 | The Association between Home Care Rehabilitation Therapy Services and Health Utilization Outcomes Among Individuals with Multimorbidity | PDB LINN PCCF REF INST CCRS CDB DAD DAD NACRS NRS OOB CHIP RAHC SOS ASTRIMA CHF CCF CCRS CDF COMD CHIP RAHC SOS CHIP RAHC SOS CHIP RAHC SOS CHIP RAHC COF COMD CHIP RAHC COF COMD COMD COMD COMD COMD COMD COMD COMD |
| 1224 | The Association Between LDL-cholesterol Levels and Statin Intensity with Outcomes after Percutaneous Ccronary Intervention | EPB LINN DAD NACES COB CHIP COLID CO |

| # Project Title CES Data Ces CES Data Ces CES Data CES Data Ces CES Data CES Data Ces CES Data Ces CES Data Ces CES Data CES Data Ces Ces Data Ces Data | ociation Between Oral Health and Cardiovas cular Disease: An ew Analytical Approach and Potential Explanation Disease: An ew Analytical Approach and Potential Explanation Disease: An ew Analytical Approach and Potential Mediating Effect Of Seep Durat | CCRS HCD NRS OMHRS SDS OHF PCCF REF DAD NACRS OHIP HYPER CONSIS CONTACT PCP PCP PCP PCP PCP PCCP REF DAD NACRS OHIP PYPER CONSIS CONTACT PCP PCP PCP PCP PCP PCP PCP PCP PCP P |
|--|--|--|
| Table The Association Between Siril Work And The Ribk Othypertension is Ontario Working Adults And The Potential Mediating Effect Of Steep Duration More Mo | | NIS OMHRS SDS CHF I LIAN PCCF PCCF PCCF DAD NACRS OHIP HYPER OONELS CONTACT PCP PCP PCP PCP PCP PCP PCP PCP PCP P |
| 1227 The Association Between Shit Work And The Risk Of Hyperfension in Oriento Working Adults And The Potential Mediating Effect Of Steep Dursion Control Children in Oriento Children in Orie | | SDS CHF LIAN FCCF FCCF REF DAD NACRS OHIP HYPER CONSISCIONALCT FOR PROB |
| T228 The Association Between Shit Work And The Raix Of Hypertension in Onterio Working Adults And The Potential Mediating Effect Of Seep Durision. 1227 The Association between Socioeconomic Status and the Ufficiation of Vision Care Services among a Birth Cohortof Children in Onterio 1227 The Association between Socioeconomic Status and the Ufficiation of Vision Care Services among a Birth Cohortof Children in Onterio 1228 The Association between the Oncopy to DCB Score of this index DCB Seaton and Oncopy to DCB Score of this index DCB Score of this inde | | DI LHIN PEEF BAD AND AND AND AND AND AND AND AND AND A |
| 1227 The Association between Socioeconomic Status and the Utilization of Vision Care Services among as Birth Cohortof Children in Ontario 1228 The Association between the Oncotype DUS Score of the index DCS leason and OncotypeDX Recurrence Score of the tweather Local Recurrence 1228 The Association between the Oncotype DUS Score of the index DCS leason and OncotypeDX Recurrence Score of the tweather Local Recurrence 1228 The association between the Super Social and cardiovascular events 1229 The association between the Super Social benefit Mymeria and Health Care Utilization 1220 The association between thempoli Social benefit Mymeria and Health Care Utilization 1221 The association between thempoli Social benefit Mymeria and Health Care Utilization 1221 The association between thempoli Social benefit Mymeria and Health Care Utilization 1221 The association between vulnerability and available mortally in Ontario | | PCUP REF DAD NAMES NAMES HYPER ODD CENSUS CENSUS CONTACT POP RPDB |
| 1227 The Association between Sociesconartic Status and the Utilization of Vision Care Services amongsta Birth Cohortof Children in Ontario 1228 The Association between the Oncolyse DUS Store of the index D CIS leason and Oncolyse DX Recurrence Scoreof the kivas kire Local Recurrence Process Occidents Occ | | PCUP REF DAD NAMES NAMES HYPER ODD CENSUS CENSUS CONTACT POP RPDB |
| 1227 The Association between Socioeconomic Status and the Utilization of Vision Care Services amongst a Birth Cohortof Children in Ontario 1228 The Association between the Oncolype DCIS Score of the Index DCIS Ission and Oncolype DX Recurrence Scoreof the Invasive Local Recurrence Code Code Code Code Code Code Code Cod | ociation between Socioeconomic Status and the Utilization of Vision Care Services amongst a Birth Cohort of Children in Ontario | DAD NACRS CHIP HYPER CENSUS CONTACT POP POP POP POP POP POP POP POP POP PO |
| 1227 The Association between Sociescontrate Status and the Utilization of Vision Care Services amongst a Birth Cehortof Children in Ontario 1228 The Association between Sociescontrate Status and the Utilization of Vision Care Services amongst a Birth Cehortof Children in Ontario 1228 The Association between the Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurrence Score of the has are Local Recurrence on Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurrence Score of the has are Local Recurrence on Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurrence Score of the has are Local Recurrence on Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurrence Score of the has are Local Recurrence on Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurrence Score of the has are Local Recurrence on Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurrence Score of the has are Local Recurrence on Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurrence Score of the has are Local Recurrence on Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurrence Score of the has are Local Recurrence on Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurrence Score of the has are Local Recurrence on Oncotype DCIS Score of the index DCIS lesion and Oncotype DCIS Score of the index DCIS lesion and Oncotype DCIS Score of the index DCIS lesion and Oncotype DCIS les | ociation between Socioeconomic Status and the Utilization of Vision Care Services amongst a Birth Cohort of Children in Ontario | HYPER ODD CENSUS CONTACT POP RPDB |
| 1227 The Association between Siccioeconomic Status and the Utilization of Vision Care Servicesamongel a Birth. Cehortof Châdren in Ontairo | ociation between Socioeconomic Status and the Utilization of Vision Care Services amongst a Birth Cohortof Children in Ontario | ODD CENSUS CONTACT POP RPDB |
| 1227 The Association between Socioeconomic Status and the UBlization of Vision Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Property Care Servicesamongia a Birth. Cohorrol Children in Ontains Pr | ociation between Socioeconomic Status and the Utilization of Vision Care Servicesamongsta Birth Cohortof Children in Ontario | CENSUS CONTACT POP RPDB |
| 1227 The Association between Socioeconomic Status and the Utilization of Vision Care Services amongst a Birth Cohort of Children in Ontairo Crise Services amongst a Birth Cohort of Children in Ontairo Crise C | ociation between Socioeconomic Status and the Utilization of Vision Care Servicesamongst a Birth Cohortof Children in Ontario | POP RPDB |
| 1227 The Association between Socioeconomic Status and the Utilization of Vision Care Services amongst a Birth Cohortof Children in Ontario Cross Proce Port Date of the Association between the Oncotype DCIS Score of the index DCIS lesson and Oncotype DX Recurrence Score of the threative Local Recurrence OCR CONNANC OCR CORNACT O | ociation between Socioeconomic Status and the Utilization of Vision Care Services amongst a Birth Cohort of Children in Ontario | |
| Title The Association between the Oncotype DOIS Score of the index DOIS testion and OncotypeDX Recurrence Score of the Invasive Local Recurrence Contact | ociation between Socioeconomic Status and the Utilization of Vision Care Services amongst a Birth Cohort of Children in Ontario | |
| Title The Association between the Oncotype DOIS Score of the index DOIS testion and OncotypeDX Recurrence Score of the Invasive Local Recurrence Contact | ociation between Socioeconomic Status and the Utilization of Vision Care Servicesamongsta Birth Cohortof Children in Ontario | |
| 1228 The Association between the Oncotype DCIS Score of the index DCIS testion and OncotypeDX Recurrence Score of the Invasive Local Recurrence Control Co | Dealer Beween Schoeconding Seass and the Gallzaken of vision Carle Services and organization of Collection of Children in Collection | CRDR |
| DAG NOCE OFF | | IPDB PCCE |
| COB. COB. COB. | | DAD |
| MARABUS CENSUS CENSUS CAPE CAMANG CAPE CAPE CAMANG CAPE CAPE CAMANG CAPE CAPE CAPE CAPE CAPE CAPE CAPE CAPE | | NACPS ODB |
| T228 The Association between the Oncotype DCIS Score of the index DCIS tesion and Oncotype DX Recurrence Score of the hivasive Local Recurrence District Pool District Process of the index DCIS tesion and Oncotype DX Recurrence Score of the hivasive Local Recurrence District Pool District Process of the index DCIS tesion and Oncotype DX Recurrence Score of the hivasive Local Recurrence District Pool District Process of the index DCIS tesion and Oncotype DX Recurrence Score of the hivasive Local Recurrence District Pool District Process of the index DCIS tesion District Process of the index DCIS tesion District Process of the index DCIS tesion and Oncotype DX Recurrence Score of the hivasive Local Recurrence District Pool District Process of the index DCIS tesion DC | | OHIP |
| T228 The Association between the Oncolype DCIS Score of the Index DCIS lesion and Oncolype DX Recurence Score of the Invasive Local Recurence PDB DN Linky REF | | CENSUS |
| The Association between the Oncotype DCIS Score of the index. DCIS lesion and OncotypeDX Recurrence Score of the invasive Local Recurrence PDB DN PCCF REF REF REF REF REF REF REF REF REF RE | | CAPE |
| 1228 The Association between the Oncotype DCIS Score of the index DCIS lesion and Oncotype DX Recurence Score of the invasive Local Recurrence PDD URR F REF REF REF REF REF REF REF | | ORGD |
| DN UHN PREF REF REF ROT CORR DAD NACES OUP HYPER ODD CONTACT ROS DES Patrology Data 1229 The association between the Super Bowl and cardovascular events 1229 The association between the Super Bowl and cardovascular events 1230 The Association between Timing of Social Benefit Payment and Health Care Utilization 1231 The association between vulneability and avoidable mortality in Ontario 1231 The association between vulneability and avoidable mortality in Ontario 1231 The association between vulneability and avoidable mortality in Ontario 1241 PREF REF REF REF REF REF REF REF REF REF | | CIC |
| DN UHN PREF REF REF ROT CORR DAD NACES OUP HYPER ODD CONTACT ROS DES Patrology Data 1229 The association between the Super Bowl and cardovascular events 1229 The association between the Super Bowl and cardovascular events 1230 The Association between Timing of Social Benefit Payment and Health Care Utilization 1231 The association between vulneability and avoidable mortality in Ontario 1231 The association between vulneability and avoidable mortality in Ontario 1231 The association between vulneability and avoidable mortality in Ontario 1241 PREF REF REF REF REF REF REF REF REF REF | | |
| LIN PCCF RET PCCF RET ROT CORR DAD NACRS OHP HYPER OD CONTACT COR DOS Parkelogy Data 1229 The association between the Super Bowl and cardovascular events DD PCCF RET | ociation between the Oncotype DCISScore of the index DCISIesion and OncotypeDX Recurrence Score of the Invasive Local Recurren | ce IPDB |
| PCCF RRST CORR DAD NACRS OOB OPPER OOD CONTACT RPDB CUS COS DCS Pathology Data 1229 The association between the Super Bowl and cardovascular events DCS Pathology Data 1230 The Association between Timing of Social Benefit Payment and Health Care Utilization RPDB CCRS 1231 The association between Timing of Social Benefit Payment and Health Care Utilization RPDB CCRS 1231 The association between vulnerability and avoidable mortality in Ontario PCDB PCDB PCDB PCDB PCDB PCDB PCDB PCD | | LHIN |
| Interest of the second of the | | PCCF REF |
| DAD NACRS COS COS COS CONTACT RPDB CUS CONTACT RPDB CUS COR CONTACT RPDB DN PCCF RRST DAD NACRS COS COR | | INST |
| CODE OTHER CODE CONTACT RPDB OCR OCS PDB OCR 1229 The association between the Super Bowl and cardovascular events 1229 The association between the Super Bowl and cardovascular events 1229 The association between the Super Bowl and cardovascular events 1230 The Association Between Timing of Social Benefit Payment and Health Care Utilization 1231 The association between vulnerability and avoidable mortality in Ontario 1231 1241 1251 1261 1261 1271 1282 1283 1284 1285 1285 1286 1286 1286 1287 1288 | | DAD |
| CONTACT CONTACT CONTACT COST COST COST COST COST COST COST CO | | ODB |
| CONTACT CONTACT CONTACT COST COST COST COST COST COST COST CO | | OHIP HYPER |
| OLS OCR OCR DCIS Pathology Data 1229 The association between the Super Bowl and cardovascular events PDB ON PCCF REF NST DAD NACRS OHP SDS CHF HYPER ODD CONTACT CONTACT CONTACT CONTACT REF SDS The Association Between Timing of Social Benefit Payment and Health Care Utilization 1231 The association between vulneability and avoidable mortality in Ontario CPDB PDB PCCF DAD | | ODD |
| DCR DCIS Pathology Data 1229 The association between the Super Bowl and cardovascular events The association between the Super Bowl and cardovascular events The association between the Super Bowl and cardovascular events The association between the Super Bowl and cardovascular events The association between Timing of Social Benefit Payment and Health Care Utilization The association between vulnerability and avoidable mortality in Ontario The association between vulnerability and avoidable mortality in Ontario CPDB PDB PDB PDB PDB PDB PDB PDB PDB PDB | | CONTACT RPDB |
| DCIS Pathology Data 1229 The association between the Super Bowl and cardovascular events PBB PCCF REF INST DAD NACRS COS STORM STO | | OLIS OCR |
| The association between the Super Bowl and cardiovascular events PDB DN DN DN DN DN DN DN | | |
| DNC PCCP PCCP PCCP PCCP PCCP PCCP PCCP P | | |
| REF NST DAD NACRS COS OS OCH ORS CHF HYPER COD CONTACT RPDB CCRS 1230 The Association Between Timing of Social Benefit Payment and Health Care Utilization RPDB 1231 The association between vulneability and avdidable mortality in Ontario CPDB LINN PCCF DAD | ociation between the Super Bowl and cardovascuar evens | DIN |
| In the Association between vulneability and avidable mortality in Ontario NACRS Output SDS CHF | | REF |
| NACRS ODB OHP OHP CHF HYPER ODD CONTACT RPDB CORS 1230 The Association Between Timing of Social Benefit Payment and Health Care Utilization RPDB 1231 The association between vulneability and avddable mortality in Ontario PDB PDB PCF DAD | | INST DAD |
| CHIP SOCIAL CHIP SOCIAL CONTACT REPORT CONTACT REPO | | NACRS |
| CHF HYPER CODD CONTACT RPDB CORS The Association Between Timing of Social Benefit Payment and Health Care Utilization RPDB The association between vulneability and avoidable mortality in Ontario CPDB PDB LHN PCCF DAD | | OHIP |
| CODE CONTACT RPDB CCRS 1230 The Association Between Timing of Social Benefit Payment and Health Care Utilization RPDB 1231 The association between vulneability and avoidable mortality in Ontario CPDB PDB LHIN PCCF DAD | | CHF |
| 1230 The Association Between Timing of Social Benefit Payment and Health Care Utilization RPDB 1231 The association between vulnesbility and avdidable mortality in Ontario CPDB PDB LHN PCCF DAD | | ODD |
| 1230 The Association Between Timing of Social Benefit Payment and Health Care Utilization RPDB 1231 The association between vulnerability and avdidable mortality in Ontario CPDB IPDB LHIN PCCF DAD | | CONTACT |
| 1231 The association between vulnerability and avddable mortality in Ontario CPDB IPDB LHIN PCCF DAD | | CCRS |
| 1231 The association between vulnerability and avoidable mortality in Ontario CPDB PDB LHIN PCCF DAD | | |
| PDB LHIN PCCF DAD | ociation Between Timing of Social Benefit Paymentand Health Care Utilization | RPDB |
| PDB LHIN PCCF DAD | | |
| PDB LIHIN PCCF DAD | ociation between vulnerability and avoidable mortality in Ontario | CPDB |
| PCCF DAD | | IPDB LHIN |
| НС | | PCCF |
| MODO. | | HCD |
| NACRS OHIP RAHC | | OHIP |
| ASTHMA | | ASTHMA |
| CHF COPD | | CHF COPD |
| HIV HYPER | | HIV |
| occ | | occ |
| OOD OMD | | OMID |
| ORAD CENSUS | | CENSUS |
| CONTACT RPDB | | CONTACT RPDB |
| CAPE | | CAPE |
| ONMARG ORGD | | ORGD |
| POP OOB | | ODB |
| AVGPRICE ESTSGB | | AVGPRŒ |
| CCRS | | CCRS |
| NRS OOB | | ■ NRS |
| OMFRS SDS | | ODB |
| ADP | | ODB OMHRS |
| GAPP | | ODB OMHRS SDS ADP GAPP |
| GAPP OCCI | | COB OM-RS SDS ADP GAPP OCCI |
| GAPP | | COB OM-RS SDS ADP GAPP OCCI |

| # | Project Title | ICES Data |
|------|--|---------------------------|
| 1232 | The association between vulnerability and substance useharms in Ontario | AVGPRICE ESTSOB |
| | | DAD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS CONTACT |
| | | RPDB |
| | | ADP GAPP OCCI |
| | | OHCAS |
| | | ONMARG CPDB |
| | | DIN PCCF |
| | | HCD RAIHC |
| | | ASTHMA CHF |
| | | COPD HIV |
| | | HYPER ODD OMD |
| | | CONTACT RPDB |
| | | CAPE ALR |
| | | ALIX |
| 1233 | The association of dialysis modality with mortality in patients with heart failure and ESKD | LHIN |
| | | LHIN PCCF REF |
| | | AVGPRICE ESTSOB DAD |
| | | DAD NACRS OHIP |
| | | SDS |
| | | CENSUS CONTACT |
| | | POP RPDB ONMARG |
| | | UNMARG |
| | | |
| 1234 | The Association of Platelet Counton Cancer Incidence and Survival | IPDB DIN |
| | | LHIN REF CCRS |
| | | DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | RAIHC SDS |
| | | ASTHM A CHF |
| | | COPD HIV |
| | | HYPER MOMBABY |
| | | ODD OMID CONTACT |
| | | RPDB |
| | | CAPE OLIS |
| | | NMS ORGD |
| | | ALR NDFP |
| | | OBSP OCR |
| | | getacg ETHNIC |
| | | cic |
| 1235 | The association of sodium polystyrene sulfonate with adverse gastrointestinal outcomes | IPDB DIN |
| | | PCCF |
| | | REF CORR |
| | | DAD NACES |
| | | ODB OHIP |
| | | SDS CONTACT |
| | | RPDB GDML OUS |
| | | |
| 1236 | The association of ST and non-ST elevation myocardial infarction with eGFR level and proteinuria | IPDB |
| | | PCCF REF CORR |
| | | DAD |
| | | NACRS OHIP |
| | | SDS CONTACT |
| | | RPDB GDML DIN |
| | | DIN ODB OMHRS |
| | | |
| 1237 | The Availability of Hemoglobinopathy Cartier Results from Newborn Screening Ontario - a Geotargeted Education Campaign | ETHNIC |
| | | |
| 1238 | The Benefits and Harms of Antibiotic Prophylaxis for UrinaryTractInfection | DIN CCRS |
| | | DAD NACRS |
| | | ODB OHIP |
| | | ODD RPDB |
| | | OLIS |
| | | |
| 1239 | The benefits of pneumococcal immunization programs for preventing invasive pneumo occal disease, a cute of this media, community-acquired pneumonial disease, and the community of the communit | DAD NACES |
| | | NACES ODB OHIP |
| 1 | | OUS |
| | | iPHIS |
| 1 | | |

| # | Project Title | ICES Data |
|-------|--|--|
| 1240 | The burden of cancer and the role of engagement in HIV care in mitigating cancer risk in people living with HIV in Ontario | IPDB LHIN PCCF REF |
| | | OHIP HIV CENSLS RPDB |
| | | CAPE ORGD CIC |
| | | HIVOHTN OCR |
| 1241 | The burden of childhood respiratory diseases in Ontario, Canada | DIN LHIN |
| | | PCCF REF DAD NACRS |
| | | NRS ODB OHIP OMHRS |
| | | OMHRS SDS CHF COPD |
| | | HYPER ODD RPDB DEMENTIA |
| | | |
| 1242 | The CART Mile-Outcomes study: Relating Canada's unique milepristone regulations to health system outcomes, costs, and access to medical abortion | LHIN PCCF |
| | | DAD NACRS ODB OHIP |
| | | RPDB MOMBABY POP ONMARG |
| 40.00 | | cic |
| 1243 | The cost-effectiveness of early physical medicine & rehabilitation (PM&R) consultation for trauma patients in a Level 1 trauma centre in Carada | PCCF REF NST DAD |
| | | NACRS ODB OHIP SDS |
| | | MOMBABY CENSUS CONTACT |
| | | POP RPDB NMS RPDB |
| 1244 | The diagnostic and prognostic value of the 50 g glucose challengetest in twin versus singleton gestations | PM&R Consultation of Trauma Patients in SHSC DAD NACRS |
| | | OHIP HYPER MOMBABY ODD |
| | | RPDB OLIS |
| 1245 | The economic burden of potentially inappropriate prescribing in Ontario: a population-based study | CPDB IPDB DIN |
| | | LHIN PCCF AVGPRŒ |
| | | CCRS DAD HCD NACRS |
| | | NRS ODB OHIP |
| | | OMHRS SDS ASTHMA CHF |
| | | COPD HYPER ODD |
| | | ORAD RPDB ADP CAPE |
| | | GAPP OHCAS OCCI |
| 1246 | The Effect of Anemia in Pregnancy on Maternal, Fetal and Neonatal Outcomes: A retrospective, cohort study using administrative data in Ontario | IPDB PCCF |
| | | PCCF REF INST DAD NACRS |
| | | NACRS OHIP MOMBABY CENSUS |
| | | CENSUS RPDB OUS BORN |
| 1247 | The Effect of Brachytherapy Patient Volume in Radiation Oncology Fadilies on Treatment Outcome in Locally-Advanced Cervical Carcerin Ontario | |
| | | PCCF AVGPRCE ESTSOB CCRS DAD |
| | | HCD NACRS OHIP |
| | | OMHRS SDS CENSUS RPDB |
| | | CAPE OCCI ONMARG |
| | | CONTACT |

| # | Project Title | ICES Data |
|------|--|--|
| 1248 | The effect of locus of care upon adolescent and young adult cancer outcomes: An IMPACT cohorts tudy | PCCF INST DAD |
| | | HCD NACRS |
| | | OHIP SDS |
| | | CENSUS POP RPDB |
| | | ONMARG IMPACT |
| | | POGONIS ALR |
| | | NDFP |
| 1249 | The effect of patient-related factors on healthcare resource utilization and cost of care in patients with myelody splastic syndromes | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS NRS |
| | | ODB OHIP OMHRS |
| | | OMHRS RAICA RAIHC |
| | | SDS CENSUS |
| | | CONTACT RPDB |
| | | ALR NDFP |
| | | OCR OLIS Oritatio subset of MDS-CAN registry |
| 1250 | The effect of RAAS withdrawal after hyperkalemia | IPDB DIN |
| | | DIN PCCF REF |
| | | CORR DAD |
| | | NACRS ODB |
| | | OHIP SDS CONTACT |
| | | RPDB OLIS ORGD |
| | | ORGD |
| 1251 | The effect of the Syrian Refugee Wave on mental health bed capacity: A system level analysis of population based linked administrative databases | LHIN |
| | | PCCF REF |
| | | INST DAD NACRS |
| | | OHIP OMHRS |
| | | CENSUS CONTACT |
| | | POP RPDB CIC |
| | | |
| 1252 | The effect of variable antibiotic durations on patient outcomes | IPDB DIN |
| | | LHIN CCRS |
| | | DAD HCD |
| | | NACRS ODB OHIP |
| | | SDS ASTHM |
| | | A CHF COPD |
| | | HIV HYPER MOMBA BY |
| | | MONBABY OCCC ODD OMMD |
| | | OMID ORAD CENSUS |
| | | CENTUS SERVICE |
| | The collection of control to the Control Contr | |
| 1253 | The epidemiology of cerebral palsy in Carada: Describing the burdenand assessing effects of antenatal exposures | LHIN PCCF REF |
| | | DAD NACRS ODB |
| | | OHIP HYPER |
| | | MOMBABY ODD |
| | | CENSUS CONTACT |
| | | POP RPDB ONMARG |
| | | |
| 1254 | The epidemiology of mental health conditions in patients with chronic kidney disease: a population-based study | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | CORR |
| | | NACRS ODB |
| | | OHIP OMHRS |
| | | HYPER CONTACT RPDB |
| | | OUS ONMARG |
| | | |
| 1255 | The Evolution of Advanced Non-Small Cell Lung Cancer (NSCLC) Treatmentover 20 Years and the Implications on Financial Toxicity | DAD ODB |
| | | OHI P OHCAS/HCD |
| | | OHCAS/HCD OCR NDFP |
| | | NUTE |
| | | |

| # | Project Title | ICES Data |
|------|---|--|
| | The FLUID Trial: A Protocol for a Hospital – Wide Cluster Cross-OverPragmatic Comparative Effectiveness Randomized Pilot Trial | DIN LHIN |
| | | PCCF REF |
| | | DAD |
| | | HCD NACRS ODB |
| | | OHIP OMHRS |
| | | RAIHC ASTHM |
| | | A CHF |
| | | COPD ODD ORAD |
| | | ORAD CENSUS CONTACT |
| | | RPDB HCDMOH |
| | | |
| 1257 | The frequency of routine laboratory testing and patient outcomes among maintenance hemodialy sispatients | IPDR |
| 1201 | The inequality of reality and passing and passing and passing maintenance from bady suppassing | IPDB PCCF CCRS |
| | | CORR DAD |
| | | NACRS NRS |
| | | ODB CHIP SDS |
| | | CONTACT |
| | | RPDB ORRS OMHRS |
| | | |
| 1258 | The health care transitions of the individuals with severe/uncontrolled as thma: from primary to specialist care | Dialysis program laboratory testing frequency CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HYPER ODD |
| | | OMD CENSUS |
| | | CONTACT POP |
| | | RPDB ADP |
| | | CAPE |
| | | ERCLAIM ONMARG ORGD |
| | | ones. |
| 1259 | The Healthy Immigrant Effect in Mental Health | LHIN |
| | ······································ | DAD NACRS |
| | | ODB OHIP |
| | | OMHRS ASTHMA CHF |
| | | CHF COPD |
| | | HIV HYPER |
| | | OCC ODD |
| | | OMID ORAD CENSUS |
| | | CENSUS RPDB ONMARG |
| | | CIC |
| | | ETHNIC OCR |
| | | CCHS CHC |
| | | |
| 1260 | The Impactof a cervical cancerscreening pdicy change in Ontario, Canada | CPDB IPDB |
| | | LHIN PCCF |
| | | DAD OHIP |
| | | SDS CENSUS |
| | | RPDB ONMARG |
| | | CIC OCR |
| | | PCPOP getacg |
| | | |
| 1261 | The Impactof a Physician Incentive Program on Continuity of Care and Health Outcomes in Inflammatory Bowel Disease and Cirrhotic Patients | IPD B |
| | | LHI N INS |
| 1 | | T |
| | | AVGPRICE CCRS |
| | | DAD HCD |
| | | NACRS NRS ODB |
| | | OHIP |
| | | OMHRS SDS |
| | | OCC CONTACT |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | OHCAS OCCI |
| | | CFDR ESTSOB |
| | | |

| # | Project Title | ICES Data |
|------|--|--------------------------|
| 1262 | The Impact of Anticoagulation Following Bioprosthetic Aortic Valve Replacement | IPDB |
| | | DIN INST DAD |
| | | NACRS |
| | | ODB OHIP SDS |
| | | CHF COPD |
| | | HYPER ODD |
| | | CENSUS |
| | | POP RPDB |
| | | |
| 1263 | The Impact of Bariatric Surgery on Healthcare Utilization among the Elderly | IPDB DIN LHIN |
| | | PCCF |
| | | REF INST |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS POP |
| | | RPDB ORGD |
| | | HYPER ODD |
| | | OCR |
| 1264 | The impact of competing risks on the predicted risk of strokein patients with atrial fibrillation | DIN REF |
| 1 | | REF DAD NACRS |
| 1 | | ODB |
| | | OHIP SDS |
| | | CHF COPD |
| | | HYPER ODD RPDB |
| | | RPDB OCR ORGD |
| | | ORGD |
| L | | NAME - |
| 1265 | The impact of delays in door-to-imaging times on outcomes in Ontario patients with suspected acute stroke | PCCF DAD |
| | | NACIES RPDB RCSN |
| | | ROSN |
| | | T. Inni |
| 1266 | The Impact of Early vs Delayed Intervention for Acutely Symptomatic Renal Calculi | LHIN INST DAD |
| | | NACRS OHIP |
| | | SDS RPDB |
| | | NF UB |
| 1267 | The Impactof Financial Incentives and Primary CareModel on Health CareUtilization for People with Schizophrenia and Bipolar Disorder | CPDB |
| | | IPDB LHIN |
| | | PCCF ESTSOB |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | CENSUS CONTACT |
| | | POP CAPE |
| | | REF ODD |
| | | RPDB GAPP ONMARG |
| | | ONMARG CHC ARCHPAY |
| 1 | | ANCHEA |
| 1268 | The impact of home care services on hospital and health service utilization for a propensity score-matched cohort | CPDB IPDB |
| | | IPOB DIN LHIN |
| | | PCCF |
| | | REF CCRS DAD |
| 1 | | HCD |
| | | HOBIC NACRS NRS |
| | | ODB OHIP |
| | | OMIRS RAICA |
| | | RAIHC SDS |
| | | CONTACT RPDB |
| | | CAPE ONMARG |
| | | |
| 1269 | The Impactof Imaging Surveillance Following Acute Aortic Dissection | DIN |
| | * | DIN REF DAD |
| | | ODB |
| 1 | | SDS CHE |
| | | COPD HYPER |
| | | ODD RPDB |
| | | DEMENTIA CCN |
| | | |
| 1270 | The impact of immigration status and ethnicity on head and neck carcerincidence | DAD |
| 1 | | NACRS OHIP |
| 1 | | OMHRS CONTACT |
| | | RPDB OUS |
| | | getacg |
| | | |

| # | Droject Title | ICES Data |
|------|--|--------------------------|
| | Project Title The Impactof Multimorbidity on Risk of Dementa in Ontario (originally lifted Multimorbidity and Dimentia Incidence) | LHIN |
| | | PCCF INST |
| | | AVGPRICE DAD |
| | | NACRS OHIP |
| | | SDS ASTHM |
| | | AS IHM A CHF COPD |
| | | CENSUS |
| | | RPDB CIC |
| | | OCR CPDB |
| | | CPDB IPDB CAPE |
| | | ONMARG DIN |
| | | DIN NACRS OMHRS |
| | | CONTACT |
| | | EMRPC DEMENTIA |
| | | OCR |
| 1272 | The impact of Ontario's primary care reform on quality of care for congestive heartfailure, diabetes mellitus and chronic kidney disease | 1196 |
| 12/2 | The impactor Oriano's primary care reform on quality or care for congestive neartailure, diabetes meillus and chronic ktorey disease | LHIN PCCF REF |
| | | AVGPRIŒ |
| | | ESTSOB DAD |
| | | NACRS ODB OHIP |
| | | HIV. |
| | | CONTACT RPDB |
| 1 | | ERCLAIM |
| 1 | | ONMARG CIC |
| | | HIVOHTN |
| 1 | | |
| 1273 | The impact of opioid prescriptions after low-acuity urdogy surgery on long-term opioid use | IPDB |
| 1 | | DIN LHIN |
| 1 | | PCCF REF |
| | | INST DAD |
| | | NACRS |
| | | ODB OHIP |
| | | OMHRS SDS ODD |
| | | ODD CENSUS |
| | | CONTACT |
| | | POP RPDB |
| | | NMS ORGD OCR |
| | | OCR |
| | | |
| 1274 | The Impact of OxyContin De-Schedulingin Ontario | LHIN DAD |
| | | NACRS |
| | | ODB OHIP |
| | | OMHRS CENSUS |
| | | RPDB NMS |
| | | Time |
| | | |
| 1275 | The impact of pre-operative anemia on patients undergoing gynecologic surgery for heavy menstrual bleeding | DIN PCCF |
| | | REF CORR |
| | | DAD NACRS |
| | | ODB |
| | | OHIP COPD ODD |
| 1 | | ODD CONTACT RPDB |
| | | RPDB ONMARG |
| | | |
| 1276 | The impact of private clinics on access to endoscopy in Ontario | IPDB |
| .270 | The second of th | THIN |
| 1 | | PCCF REF |
| 1 | | INST DAD |
| 1 | | NACRS OHIP |
| 1 | | SDS RPDB |
| | | RPDB OCR CENSUS |
| 1 | | CENSUS CONTACT POP |
| 1 | | POP POPCAN |
| 1 | | |
| 1277 | The impact of repository imaging services (RIS) based imaging on hepato-pancreato-biliary (HPB) cancer care | NDFP |
| 1 | | |
| 1278 | The impact of rurality and geographyon healthcare service access for children with a sthma/diabetes: Apopulation level retro spective cohort study | CPDB IPDB |
| 1 | | LHIN |
| 1 | | PCCF INST DAD |
| 1 | | NACRS |
| 1 | | ODB |
| 1 | | OHIP ASTHMA |
| 1 | | ODD POP RPDB |
| 1 | | RPDB ONMARG |
| 1 | | DIN |
| 1 | | REF SDS CENSUS |
| 1 | | CENSUS CONTACT |
| L | | |
| | | |

| # | Project Title | ICES Data |
|------|--|--|
| 1279 | The impact of surgeon attributes on outcomes following total joint arthroplasty | IPDB |
| | | DIN LHIN PCCF |
| | | REF |
| | | INST DAD |
| | | NACRS NRS OHIP |
| | | OHIP SDS |
| | | SDS ASTHM A CHF |
| | | COPD HYPER |
| | | ORAD |
| | | RPDB |
| | | |
| 1280 | The Impact of Synchronous Malignancies on Survival in Patients with Early Stage Curable Non-Small-Cell Lung Cancer | CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS ADP |
| | | CAPE MIS |
| | | ALR |
| | | NDFP OCR |
| | | % getradiationcost % getchemocost |
| | | Dataset has yet to be created by CCO |
| 1281 | The impact of the after-hours premium on primary case and emergency department utilization and costs in Ontario | |
| .201 | The supplier of the supplier o | ODB OMHRS ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | OCCC ODD |
| | | OMD |
| | | ORAD POP OCR |
| | | OCR |
| | | |
| 1282 | The Impactof the Alter-Hours Premium Primary Care and Emergency Department Utilization and Costs in Ontario | CPDB IPDB |
| | | PCCF DAD |
| | | NACRS OHIP |
| | | SDS CENSUS |
| | | CONTACT |
| | | RPDB CAPE ONMARG |
| | | OWNER |
| 1283 | The impactof the change in eligibility criteria for multi-care kidney clinics | IPDR |
| 1200 | The impactor are originally orienta or main early oriental | IPDB PCCF RFF |
| | | REF CORR DAD |
| | | NACRS |
| | | ODB OHIP SDS |
| | | CENSUS |
| | | RPDB OLIS |
| | | |
| 1284 | The Impact of the Diabetes Management Incentive on Hospitalizations and Mortality Risk in Ontario | CPDB IPDB |
| | | PCCF |
| | | DAD NACRS |
| | | OHIP SDS |
| | | ODD CENSUS RPDB |
| | | RPDB CAPE |
| | | CAPE ONMARG |
| | | |
| 1285 | The impact of the model of long-term follow-up care on adherence to surveillance for late-effects in survivors of adols cent and young adult cancers | CPDB IPDB |
| | | DAD NACRS |
| | | OHIP SDS |
| | | RPDB ONMAR |
| | | G |
| | | POGONI S |
| | | IMPACT OBSP |
| | | getacg |
| 1286 | The Impactof the Ontario Fertility Program on Duplicate Fertility Consultations | Physicians in Long-Term Follow-Up Clinics CPTB |
| | | IPDB OHIP RPDB |
| | | KPUB |
| | | |

| # | Project Title | ICES Data |
|------|---|--|
| 1287 | The impactof triple therapy in COPD on 'real world' health | CPDB IPDR |
| | | DIN LHIN |
| | | PCCF INST |
| | | CCRS DAD |
| | | HCD NACRS ODB |
| | | OHIP |
| | | OMHRS SDS |
| | | ASTHM A CHF |
| | | COPD HYPER ODD |
| | | OMD ORAD |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | CAPE ONMARG ORGD |
| | | ORGD CIC OCR |
| | | ADP |
| | | OLIS CCHS |
| | | getacg |
| 1288 | The impact of triple therapy in COPD on 'real world' health | ADP OUS |
| | | CCHS getacg |
| 1 | | |
| 1289 | The implications of household food insecurity for maternal and infanthealth | DAD |
| I | | NACRS OHIP |
| 1 | | OMHRS SDS SDS MOMBABY |
| | | CENSUS |
| 1 | | RPDB CCHS |
| 1 | | ASTHMA |
| 1290 | The incidence and predictors of hearing loss among childhood cancer survivors | IPDB |
| | | REF DAD NACRS |
| | | OHIP |
| | | OMHRS RPDB |
| | | OCR ORGD |
| | | POGONIS ADP |
| 1201 | The incidence and risk of syncope in patients with chionic kidney disease | Application for Funding Hearing Devices from Assistive Devices Program (ADP) IPDB |
| 1291 | The incidence and risk or syncope in patients with chloric kidney disease | IPOB DIN PCCF |
| | | REF CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS CONTACT |
| | | RPDB GDML |
| | | |
| 1292 | The incidence, outcomes and health services utilization of inflammatory bowel disease amongst South Asians in Ontario | PCCF DAD |
| | | NACPS OHIP |
| | | SDS MOMBABY |
| | | OCCC CENSUS CONTACT |
| | | RPDB |
| | | ERCLAIM ETHNIC |
| | | CIC |
| 1293 | Theindigenous NeonatalAbstinenceSyndromeProject(INAS):comingtogethertounderstandprenatalopioidexposureandnematalabstinences yndrome | PCCF |
| | | DAD NACRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS |
| 1 | | ASTHMA CHE |
| 1 | | COPD HIV HYPER |
| 1 | | MOMBA BY OCCC |
| 1 | | ODD OMD |
| 1 | | ORAD CENSUS |
| 1 | | CONTACT POP |
| 1 | | RPDB OHCAS |
| 1 | | OTR NMS |
| | | INST |
| 1294 | The influence of air pollution on potentially fatal cardiac arrhythmias in Ontario, Canada | DIN PCCF |
| I | | REF DAD |
| 1 | | NACPS ODB |
| 1 | | OHIP RPDB |
| 1 | | ORGD ICD |
| | | ONMARG NAPS |
| | | |

| # | Project Title | ICES Data |
|------|---|-------------------------|
| 1295 | The influence of home care and primary careclinical collaboration on urgent and emergent health service use among home care clients | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF CCRS |
| | | CORS DAD HCD |
| | | HCD NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC |
| | | CONTACT CAPE |
| | | |
| 1296 | The influence of LTC resident communication abilities on antibiotic use | LHIN PCCF REF |
| | | CPRO |
| | | DAD NACRS |
| | | OHIP OMHRS SDS |
| | | ASTHMA |
| | | CHF COPD |
| | | HYPER OCCC |
| | | ODD OMD ORAD |
| | | CENSUS CONTACT |
| | | POP RPDB |
| | | ONMARG OCR |
| 1 | | % getacg |
| | | |
| 1297 | The Influence of Nursing Home Resident Characteristics and Physician Models of Care on Hospital Transfers in Ontario | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | CCRS DAD |
| | | NACES ODB |
| | | OHIP SDS CONTACT |
| | | RPDB CAPE |
| | | |
| 1298 | The influence of post-acute primary careand home care services on clinical outcomes among older adults | CPDB |
| | | CPDB IPDB DIN |
| | | LHIN PCCF REF |
| | | CCRS |
| | | DAD HCD |
| | | HOBIC NACRS |
| | | NRS ODB OHIP |
| | | OMHRS |
| | | RAICA RAIHC SDS |
| | | CONTACT |
| | | RPDB CAPE ONMARG |
| | | |
| 1299 | The local retail food environmentand health in southern Ontario | PCCF DAD |
| | | DAD NACRS OHIP |
| | | SDS CHE |
| | | COPD HYPER |
| | | ODD OMD CENSIS |
| | | RPDB |
| | | ONMARG CIC |
| | | ETHNIC ORGD |
| | | Walkability food |
| 1300 | The longitudinal effect of gastric by pass on multiple health outcomes: a Canadian cohort | PCCF REF |
| | | DAD NACRS |
| | | OHIP SDS CHF |
| | | COPD |
| | | HYPER MOMBABY |
| 1 | | OCCC ODD |
| | | OMD CENSUS |
| | | CONTACT RPDB OLIS |
| | | OLIS EMRALD BRITRC |
| | | CCHS |
| | | OCR CPDB HCD |
| | | NRS |
| | | ODB OMHRS ASTHIMA |
| 1 | | ORAD ORGD |
| | | ONMARG |
| | | |

| # | Project Title | ICES Data |
|------|---|---|
| 1301 | The management of multivessel coronary artery disease in diabetics: an Ontario population based study | DIN LHIN |
| | | PCCF DAD |
| | | NACRS ODB |
| | | OHIP SDS |
| | | CHF COPD HYPER |
| | | ODD CENSUS |
| | | RPDB CCN |
| | | |
| 1302 | The mortality and cardiovascularmorbidity of patients with psoriatic disease in Ontario | CPDB |
| | | IPDB DIN LHIN |
| | | PCCF REF |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS ASTHM |
| | | A CHF COPD CHYPER |
| | | ODD ORAD |
| | | CENSLS POP ROTE |
| | | ONMARG |
| | | ETHNIC ORGD |
| | | |
| 1303 | The Ontario COPD Population Health Network (OPHN): COPD Hospital Re-admissions (sub-project) | ONMARG |
| 1304 | The Ontario Holter/Echo Database Project1: Novel Cardiac RiskFactorsand Stroke Risk Prediction | DIN LHIN |
| | | PCCF REF |
| | | CCRS DAD NACRS |
| | | ODB OHIP |
| | | CENSUS RPDB |
| | | ORGD |
| | | Cardiac Outpatient Database |
| 1305 | The Ontario integrated supervised injection services examining uptake and impacts in different community settings and models of care | IPDB DIN |
| | | PCCF REF |
| | | DAD NACRS ODB |
| | | OHIP OMHRS |
| | | HIV CENSUS |
| | | CONTACT RPDB CAPE |
| | | NMS |
| | | ORGD Ontario Integrated Supervised Injection Services (OISIS) |
| 1306 | The opioid epidemic and prescribing practices: what is the role of physicians? Evidence from Ontario, Canada | CPDB |
| | | IPDB LHIN |
| | | PCCF REF INST |
| | | INS I CENSUS CONTACT |
| | | RPDB ORGD |
| | | NMS |
| | | IPDR |
| 1307 | The Ottawa Hospital Clinical Prediction Rule to Identify Patients with Advanced Liver Disease at High Risk of Early Re-Hospitalizations | IPDB DAD NACRS |
| | | OHIP ORGD |
| 1308 | The patterns and characteristics of integrated carefor patients with COPD in the SELHIN | TOH Liver Disease |
| | , | CPDB IPDB DIN |
| 1 | | LHIN PCCF |
| | | REF INST DAD |
| | | DAD HCD NACRS |
| | | ODB OHIP |
| | | RAIHC SDS |
| | | ASTHM A CHF |
| 1 | | COPD HYPER |
| 1 | | CENSUS CONTACT POP |
| | | POP RPDB CAPE |
| | | ONMARG CCRS |
| 1 | | CHF getacg PCPOP |
| | | rcror |
| 1309 | The Physician Pregnancy Project A Population - Based Study of Pregnancy Outcomes and Parertal Leave Pradices of Ontario's Female Physicians | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF CORR |
| | | DAD ODB |
| | | OHIP OMHRS |
| 1 | | SDS HIV |
| 1 | | CONTACT RPDB CCHS |
| 1 | | 616 |
| 1 | | OCR PHOL lab: positive TB cases 1998-2013 ACG |
| | | College of Physicians and Surgeons of Ontario Physician Information |
| 1 | | |

| # | Project Title | ICES Data |
|------|--|------------------------------------|
| 1310 | The Physician Pregnancy Project A Population-Based Study of Pregnancy Outcomes and Parental Leave Practices of Ontario's Female Physicians | cic |
| 1311 | The Division Programs Project & Deputation Based Study of Programs: Authorises and Departual Legis Devitors of Company Project & Deputation of Company Project | CAPF |
| 1311 | The Physician Pregnancy Project A Population-Based Study of Pregnancy Outcomes and Parental Leave Practices of Ontario's Female Physicians | CAPE OLS BORN OCR |
| | | OCR |
| 1312 | The prevalence and impact of intensive diabetes treatment in older adults | CPDB |
| 1312 | The prevalence and impactor intensive diabetes reasinent in older addits | CPUB IPDB LHIN |
| | | INST ESTSOB |
| | | CCRS CPRO DAD |
| | | HCD HOBIC |
| | | NACRS NRS |
| | | ODB OHIP OM/HRS |
| | | RAICA RAIHC |
| | | CENSUS CONTACT POP |
| | | RPDB ADP |
| | | ERCLAIM HCDMOH |
| | | LOC ONMARG |
| | | |
| 1313 | The prevalence of diabetes (Type1 and Type2) amongschool-aged children (5-14 years) in the region of Peel | DAD NACRS |
| | | OHIP ODD CENSUS |
| | | RPDB |
| L | | |
| 1314 | The Prevention of Group B Streptococcus (GBS) Disease in Infants | DAD NACRS |
| | | MOMBABY RPDB OUS |
| | | BORN |
| | | |
| 1315 | The problem with pertussis: Finding uncaptured pertussis cases in the EMRPC to improve estimates of burden and vaccine effectiveness | OHIP EMRALD DAD |
| | | NACRS RPDB |
| | | PHO lab and iPHIS data |
| 1316 | The prognostic value of 75 g or al glucos etolerance test results in twin versus singleton gestations | DAD NACRS |
| | | OHIP HYPER MOMBABY |
| | | MOMBABY ODD RPDB |
| | | CUS ETHNIC |
| | | |
| 1317 | The rate of unnecessary interventions for the management of knee osteoarthitis: Are physicians following clinical practice guidelines? | CPDB IPDB CAPF |
| | | CAPE ONMARG |
| | N B NI 1187 - 189 - 1891 FRANKU IN AND AND AND AND AND AND AND AND AND AN | |
| 1318 | The Real World Safety and Effectiveness of FOLFR NOX and Gemcitabine hab-Paclitaxel in Advanced Pancieratic Cancer | CIHI-DAD CIHI-NACPS CIHI-SDS |
| | | ODB OHIP |
| | | OHCAS / HCD CCRS NRS |
| | | RPDB OCR |
| | | NDFP |
| | | |
| 1319 | THE RELATIONSHIP BETWEEN CAREGIVING AND FORMAL HEALTHCARE COSTS | CCRS |
| | · · · · · · · · · · · · · · · · · · · | CCRS DAD HCD |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | RPDB CCHS |
| | | CPDB AVGPRICE ASTHIMA |
| | | AS INIMA CHF COPD OCCC |
| | | OCCC ODD OM/D |
| | | ORAD |
| | | ADP CAPE GAPP OCCI |
| | | OCCI OHCAS DEMENTIA |
| | | RAIHC |
| | | ADP CAPE GAPP |
| | | OCCI OHCAS |
| | | DEMENTIA |
| - | | |

| DI LIH | IP DB DN LHN LHN LCOPATE SCORNE ESTSOB CCRS DAD NACRS NRS OOB RH OMHRS RAHC SDS OOD CONTINCT RPDB |
|--------|---|
|--------|---|

| # | Project Title | ICES Data |
|------|---|---|
| 1321 | The relationship between early cardiac rehabilitation and long-term outcomes in a post CABG population – a propensity matched observational study | ONMARG ETHNIC |
| 1322 | The relationship between early cardiac rehabilitation and long-term outcomes in a post CABG population – an observational study | ONMARG |
| 1323 | The relationship between life satisfaction and ambulatory care sensitive conditions | IPDB |
| 1020 | The following political and displaced and all bodies of contributions | CCRS DAD |
| | | HCD NACRS NRS |
| | | NRS ODB OHIP |
| | | OMHRS SDS CHF |
| | | COPD HYPER |
| | | ODD OMD RPDB |
| | | ADP CAPE |
| | | LOC OHCAS |
| | | PHO Lyme Disease Data |
| 1324 | The Relationship between Sleep Apnea, Opioid Use and Adverse Long-Term Outcomes: An Explanatory Population-Based Study | CPDB |
| | | IPDB DIN PCCF |
| | | REF INST CORR |
| | | CORR DAD NACRS |
| | | ODB OHIP |
| | | OMHRS RAIHC SDS |
| | | ASTHM A CHF |
| | | COPD HYPER ODD |
| | | ODID OMID CENSUS |
| | | CONTACT RPDB |
| | | ADP ONMARG NMS |
| | | OCCC ORAD |
| | | OCR HCD |
| | | ONMARG |
| 1325 | The rising burden of lung cancer: An inter-provincial health economicanalysis | CCRS DAD |
| | | HCD NACRS NRS |
| | | OHIP OMHRS |
| | | SDS RPDB |
| | | ADP CAPE HCDMOH |
| | | ALR OCR ORGD |
| | | Orcad % getchemocost % getradiationcost |
| | | getacg |
| 1326 | The risk of arterial disease in patients with hemophilia and von Willebrand Disease | DIN LHIN |
| | | PCCF REF DAD |
| | | NACRS ODB |
| | | OHIP HIV ODD |
| | | OMD CENSIS |
| | | RPDB |
| 1327 | The risk of death following first hospitalization: a population-based study | CPDB IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | DAD HCD |
| | | NACRS ODB |
| | | OHIP OMHRS SDS |
| | | CENSUS POP BRDDR |
| | | RPDB OCR ORGD |
| | | DIN RAICA |
| | | RAIHC CCRS |
| 1328 | The risk of heart failure with pertuzumab in women with advanced breast cancer | IPDB |
| | | DIN PCCF REF |
| | | AVGPRIŒ ESTSOB |
| | | DAD NACRS ODB |
| | | OHIP SDS |
| | | CHF COPD |
| | | HYPER ODD OMID |
| | | CENSUS CONTACT |
| | | RPDB OLIS ALR |
| | | NDFP OCR |
| | | ORGD |
| | | |

| # | Project Title | ICES Data |
|------|--|------------------------------|
| 1329 | FIO Ject Title The risk of hyperkalemia and acute kidrey injury among elderly patients presα bedoon-steroidal anti-inflammatory drugs | CPDB |
| | | IPDB DIN LHIN |
| | | Driiv PCCF REF |
| | | AVGPRŒ |
| | | CCRS CORR DAD |
| | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS CENSUS |
| | | CONTACT RPDB |
| | | ADP CAPE |
| | | GAPP OCCI |
| | | ORGD GDML OLIS |
| | | NDFP |
| | | |
| 1330 | The risk of serious infections and fractures in patients with myastheria gravis in Ontario | IPDB DAD |
| | | NACRS SS SSTHMA |
| | | CHF COPD |
| | | HYPER OCC |
| | | ODD ORAD |
| | | ODB |
| 1 | | OHIP OCR |
| 1331 | THE RISK OF VENOUSTHROMBOEMBOLISM IN POST-DISCHARGED PATIENTS WITH IBD | LUM |
| 1331 | THE KINK OF VENOUS TREOMBUCION IN POST-DISCHARGED PATENTS WITH IBU | LHIN PCCF DAD NACRS |
| 1 | | DAD NACRS ODB |
| 1 | | ODB OHIP ASTHMA |
| | | CHF COPD |
| | | HYPER |
| | | ODD OMD CONTACT |
| | | CONTACT RPDB CCHS |
| | | CCHS OCR DAD |
| | | |
| 1332 | The role of body weight in explaining the relationship between dietary patterns and incidently pe 2 diabetes | CHF OMD |
| 1333 | The Role of Myocardial Viability Testing in the Management of Patients with Ischemic Heart Failure | ORGD REF |
| | . • • • • • • • • • • • • • • • • • • • | INST DAD |
| | | OHIP SDS |
| | | RPDB CCN |
| | | HYPER ODD |
| 1334 | The safety and efficacy of aortic rooten largement at the time of surgical aortic valve replacement (ARE during AVR) | ETHNIC DIN |
| | | LHIN PCCF |
| | | REF INST AVGPRICE |
| | | CCRS CPRO |
| | | DAD HCD |
| | | NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS |
| 1 | | SDS CENSUS POP |
| | | RPDB ADP |
| | | CAPE GAPP OCCI |
| | | OCCI OHCAS |
| 1335 | The Safety and Efficacy of Transcatheter Valve-in-Valve versus Redo Surgical Aortic Valve Replacement for Failed Biological Prosthesis | DAD |
| | • | OHIP RPDB |
| 1336 | The safety of emergency physician cardoversion Combining results from four studies on atrial fibrillation | CCN IPDB |
| 1 | | DIN PCCF |
| 1 | | REF INST DAD |
| 1 | | NACRS |
| 1 | | ODB OHIP CHF |
| 1 | | CHF COPD HYPER |
| 1 | | HYPER ODD OMD |
| 1 | | RPDB CAPE |
| 1 | | data_after |
| 1207 | The Significance of Microinvasion in Women with DCIStreated with Breast Conservation | DAD |
| 1337 | THE GRANDER OF MICHORITE STUTIES IN THE BUILD BE SEED WILL DIES SCOTTS OF VANOR | DAD CHIP CCR |
| | | ddis_oliginal ODB |
| | | |
| 1338 | The spatial and molecular epidemiology of Lyme disease at the frontier of its emergence in easternOntario | PCCF CENSUS POP |
| 1 | | POP RPDB |
| | | Lyme Disease Data |
| 1 | | |

| # | Project Title | ICES Data |
|------|---|-------------------------|
| 1339 | The survival rate, psychiatric morbidity and the healthcare cost of children born with cleft lip and palate pathology in Onta rio | IPDB |
| | | LHIN PCCF INST |
| | | INST AVGPRŒ CCRS |
| | | CCRS DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | CENSUS RPDB |
| | | ALR NDFP |
| | | OCR ERCLAIM |
| | | IPDB |
| 1340 | The treatment and outcomes of Colorectal Cancer in patients with a diagnosis of Inflammatory Bowel Disease in Ontario, a population based study | DAD |
| 1340 | | NACPS SDS |
| | | OHIP ODB |
| | | RPDB OCR |
| | | OCCC NDFP |
| | | |
| 1341 | The urologic morbidity of urinary tractinfections in spinal cord injury patients | CPDB |
| | | CPDB IPDB DIN |
| | | LHIN INST DAD |
| | | NACRS |
| 1 | | NRS ODB |
| | | OHIP SDS LVDER |
| | | HYPER ODD CONTACT |
| | | CONTACT RPDB |
| | | |
| 1342 | The use and effectiveness of fixed-dosecombination antihypertensive medications | PCCF REF |
| | | SDS |
| | | CHF OCR |
| | | |
| 1343 | The use of anticoagulants among continuing care patients in Ontario | CPDB IPDB |
| | | IPDB DIN PCCF |
| | | NST CCRS DAD |
| | | CCRS DAD HCD |
| | | HCD NACRS ODB |
| 1 | | ODB OHIP RAIHC |
| | | RAINC SDS CHF |
| | | CHI- HYPER ODD |
| | | ODD OMD CENSUS |
| | | CONTACT RPDB |
| | | OUS OUS |
| | | COMBATAMR Cdiff |
| | | |
| 1344 | The use of Non-Vitamin K Oral Anticoagulants (NOACs) with and without concurrent medications and the risk of major bleeding in Atrial Fibril lation | CPDB IPDB |
| | | DIN REF |
| 1 | | INST CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| 1 | | ODB OHIP |
| | | SDS |
| | | ASTHMA CHF COPD |
| | | HYPER ODD |
| | | CENSUS RPDB |
| | | |
| 1345 | Thiazide dose and type and the risk of kidneystones: a follow-up analysis | IPDB |
| | | DIN LHIN |
| | | PCCF REF INST |
| | | INST DAD NACRS |
| | | ODB |
| | | OHIP SDS CENSUS |
| 1 | | CENSUS CONTACT |
| 1 | | POP RPDB |
| | | |
| 1346 | THRIVE: TeleHomecare Intervention Evaluation Study | DIN PCCF |
| 1 | | PCGF REF STDPRICE |
| | | CCRS CPRO |
| 1 | | DAD HCD |
| | | NACRS ODB |
| 1 | | OHIP |
| 1 | | SDS CHF COPD |
| | | COPD ODD CENSUS |
| | | RPDB |
| | | THRIVE Study |
| | | |

| # | Project Title | ICES Data |
|------|---|---|
| 1347 | Thyroid cancer in Onlario: incidental detection, temporal trends, health care access and patient outcomes, 1998-2015 | CPDB |
| | | IPDB DIN LHIN |
| | | PCCF REF ODB |
| | | ODB OHIP CENSUS |
| | | RPDB CAPE |
| | | NMS |
| 4040 | | Medical Imaging Inventory |
| 1348 | Thyroid cancer treatment and subsequent infertility diagnosis in young adult females: a retrospective cohort study | CORR DAD NACRS |
| | | OHIP SDS |
| | | RPDB ETHNIC CIC |
| | | OCR |
| | | ORGD ORRS |
| | | RFF |
| 1349 | TIA and minor stroke Early evaluation And Management for Stroke prevention (TEAMS) | REF DAD RPDB |
| | | TEAMS database |
| 1350 | Time in Therapeutic Range and Riskof Stroke in Dialysis Patients | IPDB |
| | | DIN LHIN PCCF |
| | | REF CORR |
| | | DAD NACRS |
| | | ODB OHIP |
| | | SDS HYPER |
| | | ODD CENSUS |
| | | CONTACT POP |
| | | RPDB OUS |
| | | |
| 1351 | Time-trend analysis of use of 5-aminosalicylic acidmedications in elderly patients with inflammatory bowld disease and risk of nephrotoxicity | IPDB DIN |
| | | LHIN PCCF |
| | | REF INST |
| | | DAD NACRS ODB |
| | | OHP OMHRS |
| | | SDS CENSUS |
| | | CONTACT |
| | | RPDB OUS |
| | | |
| 1352 | Tools to address the reduction of high health care utilization (CDPoRT development) | CCRS |
| | | DAD HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | ASTHMA CHF COPD |
| | | HYPER OCC |
| | | ODD OMD |
| | | ORAD RPDB |
| | | CCHS OCR ORGD |
| | | ORGE |
| 1353 | Toronto Central LHIN per capita health care system costs | CPDB IPDB |
| | | IPDB LHIN PCCF |
| | | REF AVGPRICE |
| | | CCRS DAD |
| | | HCD NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS CONTACT |
| | | RPDB |
| | | ADP CAPE GAPP |
| | | GAPP OHCAS OCCI |
| | | - |
| 1354 | Toronto City LHIN - Per Capita Cost-Update | PCCF REF |
| | | AVGPRŒ |
| | | ESTSOB CCRS |
| | | DAD HCD NACRS |
| | | NACKS NRS ODB |
| | | OHIP OMHRS |
| | | SDS RPDB |
| | | ADP CAPE |
| | | GAPP OCCI |
| | | getacg |
| 1255 | Toronto Najahbaurbaade Sali Panartad Mantal Haailih | LHIN |
| 1300 | Toronto Neighbourhoods Self Reported Mental Health | PCCF RPDB |
| | | CCHS Toronto Neighbourhood Crosswalk File |
| | | |
| | | |

| # | Project Title | ICES Data |
|------|--|--|
| 1356 | Total Arterial Revascularization Coronary Artery Bypass Surgery in Ontario | DAD NACRS OHIP ASTRIMA ASTRIMA COPE COPE COPE COPE COPE COMB CENSUS CENSUS CAPE COMBRAG TRANSFORMATION %getacg |
| 1357 | ₽A and Telestroke Evaluation | DN U-N U-N PCCF REF REF AVGENCE CPR AVGENCE CPR DAD HCD NACIRS NOS OHIP COHIP |
| 1358 | Transcatheter closureof patent foramen ovale and its implication in the development of at ial fibrillation | CPUB PDB PDB PDB LIN PCCF REF INST COCC COCC COCC COB CHIP COMPC COMPC COCC COD COCC COD CONACC CONA |
| 1359 | Transforming CBPHC Delivery through Comprehensive Performance Measurementand Reposting: Sub-Project Examining Representativeness | DAD NACRS OHIP OHHRS ACTHMA COPP HV HYPER MOMBABY OCCC OMD OMD ORAD RPDB CAPE ONNARG POPOP CPDB |
| 1360 | Transfusion variation and practices in patients undergoing major gastrointes that surgery | DN LINN PCCF NST A/GPRE ESTSOB CORS NRS HCD NACRS NRS ODB CORS CORS CORS CORS CORS CORS CORS CORS |
| 1361 | Transition of ventilator assisted individuals from the intensive care unit to home: sub-analyses | DRI LINN INST AVGPRICE STDPRIC E CCRS CPRO DAD HCD NACPS NRS ODB SDS RPDB Torrel formal Home Vertillation Service Plagram |

| # | Project Title | ICES Data |
|------|--|----------------------------------|
| | Transitions of Care for People with Dementia: Predictive Factors and Health Workforce Implications | DIN LHIN |
| | | PICF AVGPRICE |
| | | STIPPRIC |
| | | E CCRS CPRO DAD |
| | | HCD NACRS ODB |
| | | OHIP |
| | | RAICA RAIHC |
| | | ASTHMA CHF COPD |
| | | HYPER ODD |
| | | OMID |
| | | CONTACT POP RPDB |
| | | CPDB CAPE |
| | | |
| 1363 | Traumatic Brain Inury (TBI) Report Card | PCCF CCRS DAD |
| | | HCD |
| | | NACRS NRS |
| | | OMHRS CONTACT RPDB |
| | | KPUB |
| 4007 | Towards Cardin Assault Cardin Constant Assault for board and talk (1997) | |
| 1364 | Traumatic Cardiac Arrest in Ontario Canada: A population based analysis of epidemiology, causes, management, and outcome | IPDB LHIN PCCF |
| 1 | | REF |
| 1 | | INST CCRS DAD |
| 1 | | HCD NACRS |
| | | NRS OHIP |
| | | RAIHC SDS |
| | | CONTACT RPDB |
| | | ERCLAIM LOC |
| | | ODR OHCAS |
| | | OTR ORGD |
| | | |
| 1365 | Treatment and outcomes of splanchnic vein thromboses at TOH | CCRS |
| | | DAD NACRS ODB |
| | | OHIP SDS |
| | | CENSUS CONTACT |
| | | CENSUS CONTACT RPDB OCR |
| | | ORGD |
| | | SVTartOH |
| 1366 | Treatmentat rapid access addiction medicine dinic (META-PHI) | LHIN PCCF INST |
| | | AVGPRICE |
| | | ESTSOB CCRS DAD |
| | | HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAIHC |
| | | SDS ASTHMA CHF |
| 1 | | COPD HYPER |
| 1 | | ODD OMD |
| 1 | | RPDB |
| | | META-PHI |
| 1367 | Treatment With Tyrosine Kinase Inhibitors in Chronic Myeloid Leukemia and Incident Cardiovascular Disease A Population - Based Study | PCCF REF |
| 1 | | CCRS CPRO |
| 1 | | DAD HCD |
| 1 | | NACFS NRS |
| 1 | | ODB OHIP |
| 1 | | SDS POP |
| 1 | | RPDB NDFP |
| 1368 | Trends and Management of Childhood Intussusception | IPDB |
| 1300 | mondo ana managomento Oniminovo si nasvazopion | IPDB DIN PCCF |
| 1 | | REF DAD |
| 1 | | HCD NACRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS |
| 1 | | CHF |
| 1 | | COPD HYPER ODD |
| 1 | | ODD OMD CONTACT |
| 1 | | CONTACT RPDB |
| | | |
| | | |

| # | Project Title | ICES Data |
|------|--|----------------------------|
| | Trends and outcomes in complex aortic valvesurgery, an Ontario population database study | DIN |
| | | REF DAD |
| 1 | | ODB OHIP |
| | | SDS CHF |
| | | COPD HYPER |
| | | ODD CENSUS |
| | | POP RPDB |
| | | DEMENTIA CCN |
| | | |
| 1370 | Trends and outcomes in the management of pulmonary empyema | IPDB LHIN |
| | | LHIN PCCF REF |
| | | INST |
| | | AVGPRICE STDPRICE |
| | | DAD NACRS |
| | | OHIP |
| | | SDS ASTHMA COPD |
| | | CENSUS CONTACT |
| | | RPDB CAPE |
| | | ERCLAIM GAPP |
| | | OCCI ORGD |
| | | ESTSOB |
| | | |
| 1371 | Trends and patterns of disparities in mortality among geographic regions in Ontario, 1990-2013 | LHIN PCCF |
| | | REF |
| | | DAD OHIP |
| | | ASTHM A CHF |
| | | COPD HYPER OCC |
| | | ODD |
| | | OMID ORAD |
| | | CENSUS POP |
| | | RPDB ONMARG |
| | | ONMARG CCHS CIC |
| | | OCR ORGD |
| | | CONTACT |
| 1372 | Trends in aortic valve replacement an Ontario population database study | DIN |
| 1012 | Torio Tradito Fairo Topadonini an Oriano population dalabado dady | RFF |
| | | DAD ODB OHIP |
| | | SDS |
| | | CHF COPD HYPER |
| | | ODD CENSUS |
| | | POP RPDB |
| | | REIDE DEMENTIA CCN |
| | | CCN |
| 4070 | You do be a second of the seco | |
| 13/3 | Trends in co-morbid physical and psychiatric illness in hospitalized children and youth | CPDB PDB PCF |
| | | INST |
| | | AVGPRICE DAD |
| | | NACRS CHIP OMHRS |
| 1 | | SDS |
| 1 | | RPDB OMMARG ACTUMA |
| | | ASTHMA ODD |
| | | OCR PIBD |
| | | OUID |
| 1374 | Trends in diabetes incidence and screening rates in Ontario | OHIP ODD |
| | | CENSUS RPDB CENSUSCA |
| | | CENSUSOA OLIS PCPOP |
| 1 | | PUPUP |
| 1375 | Trends in echocardiography utilization in Ontario | REF |
| | | OHIP CENSUS |
| | | RPDB |
| L_ | | |
| 1376 | Trends in health care resource utilization over time: an age-basedcohortstudy | LHIN PCCF |
| | | REF DAD |
| 1 | | NACRS OHIP |
| 1 | | OMHRS SDS |
| 1 | | ASTHM A CHF |
| | | COPD HYPER ODD |
| | | ODD OMID |
| | | OMID CENSUS CONTACT |
| | | CONTACT RPDB GNMARG |
| 1 | | CCHS ORGD |
| 1 | | % getacg |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|------|--|------------------------------|
| 1377 | Trends in Health Care Utilization and Outcomes in Pediatric Inflammatory Bowel Disease in Ontario | IPDB |
| | | LHIN PCCF REF |
| | | INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD |
| | | HCD NACRS |
| | | NPS |
| | | ODB OHIP OM/IRS |
| | | RAIHC |
| | | SDS ASTHMA CHF |
| | | COPD |
| | | HIV HYPER |
| | | ODD OMID |
| | | CONTACT RPDB |
| | | ADP CAPE PCCF |
| | | PCCF CONTACT |
| | | |
| 1378 | Trends in Patterns of use of Drug Therapy for Rheumatoid Arthritis A Green Shield Canada (GSC) - ODPRN Pilot Project | |
| | | GSC - RA Pilot Project |
| 1379 | Trends in postpartum opioid prescribing: a time series analysis | DIN |
| 1 | | PCCF REF |
| 1 | | DAD ODB |
| 1 | | MOMBABY RPDB |
| | | IPDB |
| 1380 | Trends in prevalence of common chronicres pratory diseases (COPD, asthma, lung cancer and obstructive sleepapnea) and their overlap in Ontario | occc |
| 1380 | nienos in prevaience orconition cironicies praibi y uiseases പ്രവാഗ, as anna, lung cancer and costructive sieepapnea) and their overlap in Ontario | ORAD |
| 1 | | |
| 1381 | Trends in sentinel node biopsy for melanoma in Ontario | IPDB DIN |
| | | LHIN |
| 1 | | PCCF INST |
| 1 | | DAD NACRS |
| | | ODB OHIP |
| | | sps |
| | | CEPASE POP BOPA |
| | | ALR |
| 1 | | OCR |
| | | |
| 1382 | Trends in stroke care and outcomes in Ontario (TRISCO) | PCCF REF CCRS |
| 1 | | CCRS DAD |
| 1 | | DAD NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | CENSLS RPDB |
| | | ORGD |
| | | OSR INST NRS |
| | | SDS |
| | | CHF COPD |
| | | COPD HYPER ODD |
| 1 | | POP |
| 1202 | Trends in the incidence and management of hepatocellular carcinoma in Ontario | IDDD |
| 1503 | The state of the s | IPDB DIN |
| 1 | | PCCF REF |
| 1 | | DAD NACRS |
| 1 | | ODB OHIP |
| 1 | | CHF OCCC ODD |
| 1 | | CENSUS |
| 1 | | CONTACT POP |
| 1 | | RPDB OUS |
| 1 | | ONMARG |
| 1 | | |
| 1384 | Trends in the risk of paediatric injury by sodo-economic status | PCCF DAD |
| 1 | | PCCF DAD NACRS RPDB |
| 1 | | NF UB |
| L | | Hockey registration counts |
| 1385 | Trends in the usage of Xiaflex for Dupuytren's Contracture in Ontario | IPDB DIN |
| 1 | | LHIN |
| 1 | | PCCF REF INST |
| 1 | | INST DAD NACES |
| 1 | | NACIES OHIP SDS |
| 1 | | CONTACT |
| 1 | | RPDB ORGD |
| 1 | | |
| 1386 | Trends in use of the rapies and outcomes of patients undergoing percutaneous coronary interventions in Ontario | DIN |
| 1300 | and an account apies and currentes of paterns undergoing per cuantous coluid y illustrations in Ottalio | DIN PCCF HYPER |
| 1 | | ODD CONTACT |
| I | | CONTROL |
| | | |

| # | Project Title | ICES Data |
|------|---|------------------------|
| | Trends in using Invasive Fradional Flow Reserve (FFR) | CPDB IPDB |
| | | IPOB DIN LHIN |
| | | PCCF REF |
| | | REF INST DAD |
| | | DAD NACRS ODB |
| | | OHIP |
| | | SDS CHF COPD |
| | | HYPER |
| | | ODD OMD CENSLS |
| | | POP |
| | | RPDB CCN |
| | | |
| 1388 | Trends in Wait-times for Aortic Stenosis Treatment in Ontario Canada | DIN REF |
| | | DAD |
| | | NACRS ODB OHIP |
| | | SDS |
| | | CHF COPD |
| | | HYPER ODD |
| | | RPDB DEMENTIA |
| | | CCN |
| | | |
| 1389 | Trends over time in pediatric somatization disorders in Ontario childrenand youth | IPDB LHIN PCCF |
| | | DAD |
| | | NACRS OHIP |
| | | OMHRS SDS |
| | | RPDB CIC |
| | | |
| 1390 | TSH level in treatment of hypothyroidism and risk of atrial fibrillation | CPDB IPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | INST CCRS |
| | | DAD |
| | | HCD NACRS NRS |
| | | ODB |
| | | OHIP OMHRS SDS |
| | | HYPER ODD |
| | | CENSUS |
| | | POP RPDB OUS |
| | | OIMARG POPCAN |
| | | POPCAN |
| 1391 | Type of ADT for Procedu Cancer and Rick of Cardovaccular Disease | CDDP |
| 1391 | Type of ADT for Prostate Cancer and Risk of Cardovascular Disease | CPDB IPDB DIN |
| | | DIN LHIN PCCF |
| | | BEE |
| | | AVGPRICE ESTSOB |
| | | DAD NACRS |
| | | NRS ODB |
| | | OHIP OM/RS |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | OCCC ODD |
| | | ORAD CENSUS |
| | | CONTACT POP RPDB |
| | | CAPE |
| | | ONMARG CHC |
| | | |
| 1392 | Understanding Differences in Coloredal Canœr Survival Outcomes in Ontario | AVGPRIŒ |
| | | ESTSOB CONTACT |
| | | LHIN REF |
| | | CONTACT ORGD |
| 1 | | |

| # | Project Title | ICES Data |
|------|--|-----------------------------|
| | Understanding Health Care Utilization and Improving Outcomes after Total Joint Arthroplasty | CPDB |
| | | IPDB DIN |
| | | PCCF REF |
| | | INST AVGPRŒ |
| | | ESTSOB CCRS |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHMA |
| | | ASTHMA CHF |
| | | CHF COPD HYPER |
| | | ODD OMD |
| | | ORAD CONTACT |
| | | CONTACT RODB CAPE |
| | | GAPP |
| | | OCCI OHCAS ONMARG |
| | | NMS |
| | | |
| 1394 | Understanding Hepatitis C Virus in the First Nations Population in Ontario: Estimating the Health and Economic Burden | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF REF |
| | | REF AVGPRŒ ESTSOB |
| 1 | | CCRS |
| 1 | | CCRS DAD HCD |
| 1 | | NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS SDS |
| 1 | | HIV CENSUS |
| | | RPDB ADP |
| | | CAPE GAPP |
| | | OCCI OHCAS |
| | | ALR NDFP |
| | | OCR ORGD |
| | | Public Health |
| | | Ontari o Laboratory |
| | | HCV Records |
| | | Linked |
| | | to ICES |
| | | IRS gelacg |
| 1395 | Understanding Inequalities in Primary Care ADecomposition Analysis (Short HSPRN Decomposing Inequalities) | OBSP |
| 1555 | Oncersanding inequalities in Finlary Cara Accomposition Analysis (Giloteria NA Decomposing inequalities) | |
| 1396 | Understanding persistency in the high-cost category among mental health and addiction patients | DIN |
| 1000 | one of the line of | DIN LHIN PCCF |
| | | AVGPROF |
| | | CCRS CORR DAD |
| | | HCD |
| | | NACRS NRS ODB |
| 1 | | OHIP OMHRS |
| 1 | | OMPRS SDS ASTHMA |
| 1 | | CHF |
| 1 | | COPD HIV |
| | | HYPER MOWBABY OCCC |
| 1 | | ODD |
| | | OMD ORAD |
| 1 | | ORAD CENSUS RPDB |
| 1 | | ADP ONMARG |
| 1 | | ETHNIC CCHS |
| 1 | | CIC OCR ORGD |
| | | ORGD %gelacg DEMENTIA |
| 1 | | DEMENTIA |
| | | |
| 1397 | Understanding Symptom Profiles and Trajectories in Patients with Breast Cancer in Ontario | ODB PCPOP |
| | | |
| 1398 | Understanding Symptom Profiles and Trajectories in Patients with Head and Neck Cancer in Ontario | LHIN PCCF |
| | · · · · · · · · · · · · · · · · · · · | INST |
| | | CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | SDS |
| | | CENSUS RPDB ONMARG |
| 1 | | ALR |
| 1 | | CIC OCR ESAS |
| 1 | | NDFP |
| 1 | | |

| # | Project Title | ICES Data |
|------|---|---|
| 1399 | Understanding Symptom Profiles and Trajectories in Patients with Unreseded Pancreatic Cancer Patients in Ontario | LHIN PCCF REF REF REF REF REF REF REF REF REF RE |
| | Understanding the cancerpatient journey. An assessment of symptoms during diagnosis, treatment and palliation for esophageal cancer patients | LHIN PPOCF NST COLS NST COLS CHE |
| 1401 | Understanding the cancerpatient journey, an assessment of symptoms during diagnosis, treatment, and palliation for cancer patients | LINN POOF NOT |
| | Understanding the Clinical, Social Demographic and Service Utilization Characteristics of Patients on Hospital Alternative Level of Care Rates | DN UNN PCCF REF NST AVGPRE ESTSOB CCRS DAD HCB CRS DAD OHIP COB OHIP COB OHIP COB OHIP OHIP OHIP OHIP OHIP OHIP OHIP OHIP |
| | Understanding the growing burden ofmallgnantpleural effusion: inclidence, health cate utilization and cost | PCCF ESTSCB CCRS DAD HCD NACRS OHIP RAICA RAIHC SSS CHF CCNNLS CCNNLS CCNNLS ERCLAN AIR NOPP OCR GMB02 |
| 1404 | Understanding the health of Canadian military families and veterans. Special priorities for development of the Comprehensive Military Family Plan | PCCE A/GPRICE A/GPRICE CCRS DAD HCD MACRS NRS OOB OOB OOB RPDB RPDB |

| # Project Title 1405 Understanding the Role of the Family Physician in Early Psychosis hiervention: Recognition and Management by Primary Care DIN PCCF REF INST DAD NACRS | ICES Data |
|--|-----------|
| NST DAD NACRS | |
| NACRS | |
| ODB | |
| OHIP SDS CHF | |
| C-TH- C-OPD HYPER | |
| ODD CENSUS | |
| CONTACT RPDB | |
| OCR ORED | |
| | |
| 1406 Understanding Transitions from Child to Adult Mental Health Services: A Longitudinal Mixed - Methods Study DIN PCCF | |
| REF NST DAD | |
| ODB CMIP | |
| SDS ASTHMA CHF | |
| COPD HYPER | |
| ODD OMD | |
| ORAD CONTACT RPDB | |
| LYITS | |
| 1407 Underweight overweight and obesity in children with autism spectrum disorder: Exploring growth using electronic medical recorddata DN | |
| DN PCF | |
| DAD HCD | |
| NACRS ODB | |
| OHP OM/RS | |
| SDS CHF QDD | |
| ODD CENSUS CONTACT | |
| RPDB ALR | |
| NDFP CCR ORGD | |
| | |
| 1408 Universal drug coverage and glycemic control PDB PCCF DAD | |
| PCCP DAD OHIP | |
| COD RPDS | |
| CUS | |
| 1409 Urban Aboriginal Health Counts: Advancing Urban Aboriginal Population - Based Health Needs Assessment and Health Service Evaluation in Ontario ERCLAIM | |
| Our Health Courts | London |
| 1410 Urine culturing and antibiotic use in long-termoare | |
| LHIN REF | |
| INST CCRS CPRO | |
| | |
| DAD HCD | |
| DAD HCD NACFS COB | |
| DAD HCD NACRS COB OHIP RAICA | |
| DAD HCD NACRS COB OHIP RAICA RAHC SDS | |
| DAD HCD NACRS COB CHIP RAICA RAICA SOS SOS CONTACT COP RPDB | |
| DAD HCD NACRS COB CHIP RAICA RAICA SOS COMTACT POPE RPDB CHCAS ORGD | |
| DAD MCRS MACRS OHIP RAICA RAIHC SDS CONTACT POPE GRIS GHCRS GHCRS GHCRS GHCRS GHCRS GHCRS GHCRS GHCRS GHCRS | |
| DAD HCD NACPS COB OR RAICA RAHC SDS CONTACT POP RPDB OHCAS O | |
| DAD MCDR MCDR OGB OGHP RAICA RAIHC SDS CONTACT RPDB CMCAS ORGD DEMENTIA | |
| DAD HCR MCRS OHIP RAICA RAHC SDS CONTACT POP BHCRS ORGD DEMENTIA 1411 Ursodiol utilization and adherence in Ontario DIN COB RPB | |
| DAD HCD MACRS COB OR RAICA RAHC SDS CONTACT POP RPDB ORCAS ORGA DELENTIA 1411 Ursodiolutilization and adherencein Ontario DIN COB RPDB ORDS RPDB ORDS ORGA DELENTIA 1412 Use and Patient Characteristics of the Ontario Trillium Program PDB | |
| DAD HCD HCD NACPS COB OR RAICA RAHC SDS CONTACT POP RPDB OHDAS OHGAS OHG | |
| DAD HCR MACRO ONL MACRO ONL MACRO ONL RAICA RAHC SDS CONTACT POP ROB | |
| DAD HCCB OOB OOB OOB OOB OOB OOB OOB OOB OOB | |
| DAD HCR MACRO ONL MACRO ONL MACRO ONL RAICA RAHC SDS CONTACT POP ROB | |
| DAD MCRS ORIP RACA RAHC SDS CONTACT POP GHAS ORGD DEMENTIA 1411 Ursodiolutilization and adherence in Ontario OR COB RPDB 1412 Use and Patient Characteristics of the Ontario Trillium Program PCF DAD NACRS COB RPDB 1413 Use and utility of cardiac troponin after non-cardac surgery PDB | |
| DAD HCR ONE NACRO ORIP RAICA RAHC SDS CONTACT POP ROB | |
| DAD MCRS ORIP RACA RAHC SDS CONTACT POP BRIG RACA RACA RAHC SDS CONTACT POP BRIG RACA RACA RACA RAHC SDS CONTACT RACA RACA RACA RAHC SDS CONTACT RACA RACA RACA RACA RACA RACA RACA | |
| DAD HCRS ORIP RACA RAHC SDS CONTACT POP GHAS ORGD DEMENTIA 1411 Ursodiolutilization and adherence in Ontario OR COB RPDB 1412 Use and Patient Characteristics of the Ontario Trillium Program PDB PDB PDB PDB PDB PDB PDB PDB PDB PD | |
| DAD MCRS OOR OOR ORIP RACA RAINC SDS CONTACT RAPDS ONEOS ONE | |
| DAD HOCH HOCH HOCH HOCH HOCH HOCH HOCH HOC | |
| DAD HCR ORP ORIP RACA RAHC SDS CONTACT PCP BPB COND RPDB 1412 Use and Patient Characteristics of the Ontario Trillium Program CPBB PDB DHM DHM DHM DHM DHM PCCF DAD NACRS ORG ORG COB RPDB 1413 Use and utility of cardiac troponin after non-cardac surgery PDB REF NST DAD NACRS ORG ORG CHF COPD HYPER COPD | |
| DAD MCRS OOR OOR ONIP RACA RAINC SDS CONTACT RAPES ONGO DEMENTIA 1411 Ursodiol utilization and adherence in Ontario DIN OOR RPDB PDB PDB PDB DAD NACRS OOR OOR OOR OOR OOR OOR OOR OOR OOR O | |
| DAD HCD HCD HCD HCD HCD HCD HCD HCD HCD HC | |
| DAD HACKS ODS OHP RACKA RASIS RASIS CONTACT PCP RPDS RPDS ODS RPDS RPDS RPDS RPDS DN NACRS ODS RPDS RPDS DN NACRS ODS RPDS ODS RPDS DN NACRS ODS RPDS ODS RPDS ODS RPDS DN NACRS ODS RPDS RPDS RPDS RPDS RPDS RPDS RPDS RP | |
| DAD HIGHER HARDA H | |
| I ALD I CAN INCRES INCR | |
| DAD HIGHER HARDA H | |

| # | Project Title | ICES Data |
|------|--|--|
| 1415 | Use of domperidone and risk of serious cardiacevents in postpartum women | IPDB INST DAD NACIS OHIP SDS |
| | | RPDB OSR |
| 1416 | Use of Emergency Departments in Ontario by Persons Experiending Homelessness | IPDB LIIN PCCF NST DAD NACRS |
| | | OHIP OMHRS SDS SUS COTACT RPDB |
| 1417 | Use of Mental Health and Addictions-related Services in the South EastLHIN (AHRQ) | CPDB PDB LHN PCCF |
| | | INST DAD NACRS ODB OHIP |
| 4440 | | OMHRS CENSIS RPDB |
| 1418 | Use of Mental Health Services in Primary Care, Emergency Departments, and Hospitals: Comparison of Ontario's FHGs and FHOs | CPDB IPDB DN LIIN PCCF REF |
| | | RST CCRS DAD HCD HGBIC NACRS |
| | | NRS COB OHIPS RAICA RAICA |
| | | SDS ASTHM ACHF COPPD HTML STATEMENT ACHF COP |
| | | INJURANT OCCC ODD OMD ORAD CENSUS CONTACT POP |
| | | RPDB HCES ADP CAPE CENSUSCA |
| | | EMRALD CCHS OCR PCPCP |
| 1419 | Use of QT Prolonging Drugs and ECG Monitoring in Oncology Patients in Toronto | EAD NACES SDS COB CHIP RPDB |
| | | OCR OBSP NDFP |
| 1420 | Use of Telemedicine among Cancer Patents in Ontario | LHBN PCCF REF NST DAD |
| | | HCD NACRS OHIP SDS RPIDB |
| | | OCR AIR CHF COPD ODD |
| 1421 | User vs non-user Characteristics of Screering Activity Report Access A Cross Sectional Study | CPDB WPDB UIND DAD NACRS COB |
| | | ONIP SISS ASTHMA CHE COPP COPP HYPER |
| | | ODD OMD CENSUS RPDB CAPE |
| | | OBSP OCR CPSO numbers for primary care physician registrants of CCO's SAR |

| # | Project Title | ICES Data |
|------|--|----------------------------|
| 1422 | Project Title Using big data to assess the long-term health careutilization, costs and mortality associated with sepsis | ICES Data |
| | | IPDB DIN PCCF |
| | | AVGPRICE STDPRIC |
| | | STIDPRIC E CCRS DAD |
| | | HCD |
| | | NACRS |
| | | NRS ODB OHIP |
| | | OMHRS |
| | | RAICA RAIHC |
| | | SDS ODD |
| | | CENSUS RPDB |
| | | ADP |
| | | CAPE ONMARG |
| | | POPCAN |
| | | Sepsis cohort |
| 1423 | Using big data to conduct innovative cardovascular clinical trials | IPDB |
| | | PCCF REF |
| | | INST |
| | | DAD NACRS |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| | | ASTHMA CHE |
| | | COPD HYPER |
| | | OCCC ODD |
| | | OMD ORAD |
| 1 | | POP RPDB |
| | | PCPOP |
| 1 | | EMRALD |
| | Hele Edwards Ormalis Assessment Order data for | BACE |
| 1424 | Using Edmonton Symptom Assessment System data from an observational data source as a patient outcome | PCCF REF |
| 1 | | DAD NACRS |
| 1 | | OHIP |
| | | RPDB ALR |
| 1 | | NDFP OCR |
| | | ESAS |
| | | |
| 1425 | Using Edmonton Symptom Assessment System data from an observational data source as a patient outcome among patients with coloredal cancer | DAD |
| 1423 | Using Edition bit Symptom Assessment by Statistical Broth and Observational data source as a patent outcome allioning patents with Color editional Carlo | DAD NACRS OHIP |
| | | MOMBABY |
| | | RPDB OLIS |
| | | |
| | | |
| 1426 | Using Electronic Medical Record Administrative data Linked Database (EMRALD) to measure community antimicrobial use | IPDB LHIN |
| | | DAD NACRS |
| | | ODB |
| | | OHIP CENSUS |
| | | RPDB CAPE EMRALD |
| | | EMRALD |
| | | |
| 1427 | Using EMRALD to Validate Administrative Data Algorithms to Identify Patients with Neurofibromatosis type 1 | DIN LHIN |
| | | LHIN |
| | | PCCF AVGPRŒ CCRS |
| | | CORR DAD |
| | | HCD |
| | | NACRS NRS |
| | | ODB |
| | | OHIP OMHRS |
| | | SDS ASTHMA |
| 1 | | CHF COPD |
| 1 | | HIV |
| 1 | | HYPER MOMBABY |
| 1 | | OCCC ODD |
| 1 | | OMID ORAD |
| | | CENSUS |
| | | RPDB ADP |
| 1 | | ONMARG ETHNIC |
| 1 | | ACG |
| 1 | | software DEMENTIA |
| 1 | | |
| 1428 | Using Machine Learning Methodsto Predict Outcomes for Gastrointestinal Cancer Patients | CPDR |
| 720 | | CPDB LHIN PCCF |
| | | REF |
| | | AVGPRIŒ ESTSOB |
| 1 | | DAD |
| 1 | | HCD NACRS |
| 1 | | ODB OHIP |
| | | RAICA RAIHC |
| | | RAIHC ASTHM |
| | | A CHF COPD HYPER |
| 1 | | HYPER ODD |
| 1 | | ODD OMID |
| 1 | | ORAD CENSUS |
| 1 | | RPDB CAPE |
| 1 | | ORGD ALR |
| 1 | | OCR ESAS |
| 1 | | ESAS Symptom Management |
| 1 | | |
| | | |

| # | Project Title | ICES Data |
|------|--|---|
| 1429 | Using machine learning techniques to predict need for end-of-life care | LHIN PCCF |
| | | INST DAD CHUID |
| | | OHIP CENSUS RPDB |
| | | ONMARG BRTRC |
| | | |
| 1430 | Using machine learning to predicthigh healthcare resource utilization | IPDB |
| | | LHIN PCCF |
| | | REF AVGPRICE ESTSOB |
| | | ESTAUB CCRS DAD |
| | | HCD NACRS |
| | | NRS ODB |
| | | OHIP OMHRS |
| | | SDS MOMBA BY |
| | | CENSUS CONTACT RPDB |
| | | CAPE GAPP |
| | | OLIS PCCF |
| | | REF AVGPRICE |
| | | ESTSOB SDS |
| | | CENSUS ADP CAPE |
| | | GAPP OCCI |
| | | OHCAS ONMARG |
| | | |
| 1431 | Using Ontario Physician Network (PhysNet) data to support the development of Ontario Health Teams (OHT) | CPDB INST |
| | | DAD NACRS ODB |
| | | OHIP OMHRS |
| | | SDS CONTACT |
| | | RPDB CAPE |
| | | |
| 1432 | Using the CANHEART Cohort to Examine Contemporary Trends in Lipid Management and Cardiovascular Events | CPDB |
| | | IPDB DIN LHIN |
| | | PCCF REF |
| | | INST AVGPRICE |
| | | ESTSOB CORR |
| | | DAD NACRS |
| | | ODB OHIP OMHRS |
| | | SDS ASTHMA |
| | | CHF COPD |
| | | HIV HYPER |
| | | ODD ORAD CENSUS |
| | | CONTACT POP |
| | | RPDB CAPE OLIS |
| | | ETHNIC |
| | | CCHS CIC |
| | | GDML OCR ORGD |
| | | PHYSNET |
| | | |
| 1433 | Using the TC LHN Hospital Equity Data to assess health careaccess, use and outcomes among persons served by the TC LHN hospitals | LHIN |
| | | PCCF CCRS DAD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS SDS ASTHMA |
| | | ASTHMA CHF COPD |
| | | COPD HYPER ODD |
| | | OMID |
| | | CONTACT POP RPDB |
| | | CAPE ONMARG |
| | | CIC OCR PCPOP |
| | | ICES Hospital Health Equity Variables Dataset / Patient Demographics Survey |
| 1434 | UTIIn the ED | DAD NACPS |
| | | ODB OHIP |
| | | RPDB |
| 1405 | Hillies of DMD in beneroules Diagnosis of Hoort Entitive /HEI in Transitional Co PAID Co | us_toh_ed |
| 1435 | Utility of BNP in Improving Diagnosis of Heart Failiure (HF) in Transitional Care - BNP Study | OCA_BNP Study |
| 1 1 | | |

| 1436 | IPDB DAD HCD |
|------|----------------------|
| | NACRS |
| | ODB OHIP RAIHC |
| | SDS RPDB |
| | OHCAS ORGD |
| | OCA_BNP study |
| | |

| # | Project Title | ICES Data |
|-------|---|--|
| 1437 | Utilization and Adverse Outcomes of Ondansetron and Flucoreazole Therapy during Pregnancy | CPDB IPDB DIN PCCF REF |
| | | DAD NACRS ODB OHIP SDS ASTHM |
| | | A CHF COPD HIV HYPER |
| | | MONBABY OCC ODD OCD ODD OND GENERAL GE |
| | | ONMARG |
| 1438 | Utilization and outcome of the rapy for early breast cancer >= 65 years of age | CPDB IPDB LHIN PCCF INST DAD |
| | | NACRS ODB OHIP SDS CENSUS |
| | | RPDB CAPE ALR NDrP NDSP |
| 1//30 | Utilization of advanced cardac proceduresin Ontario and NewYork | OCR ORGD |
| 1433 | Salzason on advanced cardac procedures in Oriento and New York | DN LHIN PCCF REF NST CCRS |
| | | DAD NACRS NRS ODB |
| | | SDS CHF HYPER ODD CENSUS |
| 1440 | Utilization of back surgeryin Ontario and New York State | CONTACT RPDB |
| | | CPDB PDB LIIN PCCF INST DAD |
| | | NRS OHIP SDS CHF COPD HYPER |
| | | ODD ORAD CENSUS POP RPDB |
| 1441 | Utilization of Benztropine in Ontario | IPDB DN AVGPRŒ |
| | | ESTSOB CCRS DAD HCD |
| | | NACRS ODB OHIP RAICA RAIHC SDS |
| 1442 | Utilization of Hematopoletic Cell Transplantation in Ontario and New York | DN LIN |
| | | LIIN PCCF REF CCRS CORR DAD |
| | | HCD NACRS NRS ODB OHIP |
| | | OMMRS RAHC SIS ASTHM A CHF |
| | | COPD HIV HYPER MONBAJAY CCCC. |
| | | ODD OMD ORAD CONTACT ADP ADP GAPP |
| | | GAPP ONIMARG NDIP OCR |
| Ш | | |

| # | Project Title | ICES Data |
|------|---|-------------------------------|
| | Utilization of HER2 testing for treatment of metastatic gastric and gastroesophaged junction adenocarcinoma patients: a population-based analysis | LHIN INST |
| | | AVGPRŒ ESTSOB |
| | | CCRS DAD HCD |
| | | NACRS |
| | | NRS ODB |
| | | OHIP SDS |
| | | CENSUS RPDB ONMARG |
| | | ALR NDFP |
| | | OCR Symptom Management |
| | | |
| 1444 | Utilization of Pharmacy-DispersedNaloxone Kits in Ontario | IPDB |
| | | DIN LHIN |
| | | PCCF REF |
| | | DAD NACRS ODB |
| | | OHIP |
| | | SDS ASTHM A COPD |
| | | HYPER |
| | | ODD OMID CENSIS |
| | | RPDB |
| 1445 | Hillipson of Tale Heats Heats Services among shilling and addresses 1 October 1 October 1 October 1 | linn. |
| 1445 | Utilization of Tele-Mental Health Services among children and addescents in Ontario: Apopulation-based study | IPDB LHIN PCCF |
| | | INST DAD |
| | | NACRS |
| | | OHIP OMHRS CONTACT |
| | | POP RPDB |
| | | CAPE TLMHP |
| | | |
| 1446 | Utilization, Effectiveness, and Safety of SGLT2 Inhibitors Among Patients with Type 2 Diabetes Mellitus | IPDB DIN |
| | | PCCF |
| | | REF DAD NACRS |
| | | ODB OHIP |
| | | OMHRS SDS |
| | | ASTHM A CHF COPD |
| | | HYPER |
| | | ODD OMD |
| | | OMD ORAD CENSLS |
| | | RPDB OUS |
| | | OMMARG DEMENTIA ORGD |
| | | OCR |
| | | |
| 1447 | Vaccine coverage andsafety in childrenwith epilepsy | LHIN PCCF |
| | | REF DAD |
| | | NACRS OHIP CENSUS |
| | | CONTACT POP |
| | | RPDB |
| | | |
| 1448 | Validating a model of disease course in Inflammatory Bowel Disease for use with Health Administrative Data | IPDB PCCF |
| | | DAD NACRS |
| | | OHIP SDS OCC |
| | | OCC CENSUS CONTACT |
| | | BBBB |
| | | CENSUSCA ERCLAIM POPCAN |
| | | TOH IBD cohort |
| 1449 | Validating Administrative Data: The Ontario, Manitoba, British Columbia Team | DIN |
| | | PCCF |
| | | CCRS CORR CPRO |
| | | DAD HCD NACRS |
| | | NACRS NRS ODB |
| | | OHIP OMHRS |
| | | RAICA RAIHC SDS |
| | | COPD |
| | | HYPER ODD ORAD |
| | | CENSUS |
| | | CONTACT RPDB |
| | | ADP OLIS RAIHCMOH |
| | | EMRALD ORGD |
| | | HIV CCHS ASTHMA |
| | | CHE |
| | | OMID |
| | | |

| # | Project Title | ICES Data |
|------|--|--|
| 1450 | Validating incident admissions and estimating length of stay in Ontario's long-term care homes | CPDB |
| | | IPDB DIN LHIN |
| | | PCCF |
| | | AVGPRICE STDPRIC |
| | | E CCRS CPRO |
| | | DAD HCD |
| | | NACRS NRS |
| | | ODB OHIP |
| | | OMHRS RAICA |
| | | RAIHC SDS |
| | | ASTHMA CHF |
| | | COPD HYPER |
| | | ODD OMID |
| | | CONTACT POP |
| | | RPDB LOC |
| | | ORGD |
| | | |
| 1451 | Validating the identification of rectal cancer resections through ICES datases | DAD CONTACT |
| | | RPDB OCR |
| | | Ottawa Hospital Rectal Cancer Resection Cohort |
| 4450 | Melidadia and assessment and the Directal Commission of the Directal Designation of the United States of the Unite | |
| 1452 | Validation and comparative evaluation of the Bimodal Survival and Implantable Defibrillator Shock (BaSIS) risk score | DIN PCCF |
| 1 | | REF INST |
| | | DAD NACPS |
| | | ODB OHIP |
| | | SDS CHF |
| | | COPD ODD |
| | | RPDB |
| | | BaSIS ICD database |
| 1453 | Validation of a strategy for the identification and characterization of Ontarians with acute type B dissection | PCCF DAD |
| | | NACRS OHIP |
| | | MOMBABY RPDB |
| | | Validation Ontarians Type B dissection |
| 1454 | Validation of abdominal aortic aneurysmproœdu escodesin Ontario administrativ edatabas⊛ | REF |
| 1454 | validation of abdolisha acree arealy simprocedures codes in oriento administrative databases | DAD NACRS |
| | | OHIP |
| | | SDS RPDB |
| | | Sunnybrook Hospital Data St Michael's Hospital Data |
| 1455 | Validation of algorithms to identify receipt of cardiac magnetic resonance imaging using administrative data in Ontario, Cana da | OHIP RPDB |
| | | Abstracted data for cardiac MRIs |
| | NAME AND | |
| 1456 | Validation of BORN-CHIDefinition of Low Risk Birth | LHIN PCCF INST |
| | | CCRS DAD |
| | | HCD NACRS |
| | | ODB OHIP |
| | | SDS CENSUS |
| | | CENSUS RPDB ONMARG |
| | | ALR |
| | | CIC OCR ESAS |
| | | ESAS BORN |
| | | Birth hospital crosswalk between BORN BIS organizational IDs and MOHLTC Master |
| 1457 | Validation of case-finding algorithms derived from health administrative data for identifying neonatal sepsis | Numbering System PCCF REF |
| 1 | | RPDB |
| 1 | | MCSCS |
| | | |
| 1458 | Validation of diagnostic algorithms for Venous Thromboembdism UsingLinked Health Care Databases | PCCF REF DAD |
| 1 | | NACRS |
| 1 | | OHIP SDS |
| 1 | | CHF COPD |
| | | HYPER |
| | | MOMEABY OCCC ODD |
| | | OMID CENSUS |
| | | CONTACT RPDB |
| | | OLIS EMRALD |
| | | BRTRC |
| | | CCHS OCR |
| 1 | | Venous Thromboembolism Patient Master List |
| 1459 | Validation of pediatric urolithiasis diagnostic and surgical codes in Ontario: Evaluation of incidence and outcomes following surgical intervention | DIN |
| 1 | | ODB OHIP RPDB |
| 1 | | RPDB Keays - CHEO nephrolithiasis cohort |
| 1 | | Kesys - Che U nephrorithiasis conort |
| 1460 | Validation of Prescription rates of statin, ACE/ARBi and PPI among diabetic patients aged 66 or above | ODB |
| | | RPDB CPCSSN-UTOPIAN |
| | | dataset |
| | | CPCSSN (Canadian Primary Care Sentinel Surveillance Network) |

| # | Project Title | ICES Data |
|------|--|---|
| 1461 | Validation of provincial health administrative data algorithms to identify patients with obstructive sleep aprea (OSA): Feasi bility project | CPDB |
| | | IPDB DIN |
| | | LHIN PCCF |
| | | REF DAD |
| | | NACRS ODB OHIP |
| | | OMHRS SDS |
| | | ASTHM |
| | | A CHF COPD |
| | | HYPER ODD OMD |
| | | CENSUS |
| | | CONTACT RPDB ADP |
| | | NMS The TOH Sleep database |
| 1462 | Validation of the iChoose Kidney clinical decisionaid using Ontario data | The TOP Steep database |
| | | GDML |
| 1463 | Validation of the Ottawa Score | DIN PCCF |
| | | REF DAD |
| | | NACRS ODB |
| | | OHIP sps |
| | | MOMBABY CONTACT |
| I | | RPDB ETHNIC |
| I | | OCR |
| 1 | | |
| 1464 | Validation of thoraco-abdominal aortic aneury sm procedures codes in Ontario adminstrative databases | REF DAD |
| I | | NACPS |
| 1 | | OHIP SDS RPDB |
| I | | Toronto General Hospital/ University Health Network Data |
| I | | St Michael's Hospital Data |
| 1465 | variability in Reporting of Orine Culture Susceptibility. Testing and impacton Antibiotic Prescribing in Onlario | DIN DAD |
| | | ÖHIP RPŒ |
| | | ous |
| | | |
| 1466 | Variation in acute care linkage and C difficile infection incidence in long-term care facilities in Ontario | IPDB |
| | | DIN PCCF REF |
| | | AVGPRICE ESTSOB |
| | | DAD |
| | | NACRS ODB OHIP |
| | | SDS |
| | | CHF COPD HYPER |
| | | ODD |
| | | OMID CENSUS |
| | | CONTACT RPDB |
| | | OLIS |
| 4407 | Variation in Diagnostic Imaging Utilization in the ED: AStudy of US and Ontario Children's Hospitals | LUM |
| 1467 | variation in Diagnostic imaging offization in the ED: Astudy of OS and Onland Children's Hospitals | LHIN PCCF INST |
| | | DAD NACRS |
| | | OHIP ASTHMA |
| 1 | | RPDB |
| I | | |
| 1468 | Variation in non-invasive cardiac diagnostic testing strategies for stable colonary artery disease in Ontario | IPDB DN |
| 1 | | LHIN PCCF |
| I | | REF DAD |
| 1 | | NACRS ODB |
| I | | OHIP COPD |
| I | | HYPER ODD |
| I | | CENSLS RPDB |
| 1 | | OCB. |
| I | | ETINIC CIC |
| 1460 | Variation in Pediatric Diagnostic Imaging Utilization in the ED: A Study of Ontario Hospitals | LHIN |
| | достина подражения под | PCCF INST |
| I | | DAD |
| 1 | | ASTHMA RPDB |
| I | | |
| 1470 | Variation in the Care of Elderly-Onset Inflammatory Bowel Disease | IPDB |
| 1 | | IPDB DIN LHIN |
| I | | LHIN PCCF INST |
| I | | DAD HCD |
| 1 | | NACRS ODB |
| | | OHIP |
| I | | RPDB |
| I | | ERCLAIM OHCAS OCR |
| I | | PHYSNET |
| I | | The OCCC: Epidemiology and diagnostic lag of IBD in Ontario |
| | | |

| # | Project Title | ICES Data |
|------|--|--|
| 1471 | Variation in TJA Utilization and outcomes in Ontario and Pennsylvania according to patient SES | LHIN PCCF REF |
| | | REF INST |
| | | INST DAD NRS |
| | | CENSUS POP RPDB |
| | | NF UB |
| 1472 | Variations in the Management of Gastric Cancer in Ontario: Effects on Survival and Cost | IPDB |
| | | IPDB LHIN PCCF |
| | | REF AVGPRICE ESTSOB |
| | | DAD |
| | | NACRS OHIP SDS |
| | | SDS CHF COPD |
| | | HYPER OCCC |
| | | ODD OMID |
| | | CENSUS CONTACT |
| | | RPDB OCCI OUS |
| | | ALR OCR |
| | | CCRS ODB NDFP |
| | | NDFP |
| 1473 | Vascular Performance Measurement Report 2020 | LHIN |
| | | LHIN PCCF REF |
| | | INST DAD HCD |
| | | NACRS OHIP |
| | | SDS COPD HYPER |
| | | HYPER ODD OMD |
| | | CENSIS |
| | | POP RPDB CAPE |
| | | 0.00 |
| 1474 | Venous Thromboembolism (VTE) in Incident Kidney Transplant Recipients | SDS |
| | | |
| 1475 | Venous Thromboembolism in Thoracic Surgery Patients: A Population - Based Study | PCCF REF |
| | | REF DAD NACRS OHIP |
| | | SDS |
| | | CONTACT RPDB ORGD |
| | | ALR NDFP |
| | | OCR getacg ASTHIMA |
| | | AS IMMA CHF COPD |
| | | HIV |
| | | HYPER ODD OMD |
| | | OMD ESAS |
| 1476 | Violence and psychosis | LHIN PCCF |
| | | DAD NACRS OHIP |
| | | OHIP OMHRS CENSUS |
| | | RPDB |
| | | ORGD CIC |
| | | |
| 1477 | Waittime package for head and neck cancer patients - does it impact over all survival? | CPDB PPB LHIN PCCF NST |
| | | PCCF INST |
| | | DAD NACRS |
| | | ODB OHIP SDS |
| | | SDS CENSUS |
| | | CENSUS CONTACT RPDB CAPE COHS |
| | | CCHS |
| | | |
| 1478 | Wait times for hip and non-hip fracture surgery after health system funding reform: a population-based, time-series analysis | DIN PCCF REF DAD OHIP OHIP SSS |
| | | DAD ODB |
| 1 | | OHIP SDS |
| | | HYPER ODD CENSUS |
| | | RPDB |
| | | ETHNIC CIC |
| | | |
| | | |

| # | Project Title | ICES Data |
|-----|--|--|
| 147 | What are the patterns of healthcare utilization among people with HIV and HCV infection (retention, transition, and attrition from care settings)? | CPDB IPDB |
| | | PCCF |
| | | PCCF AVGPRCE DAD |
| | | NACRS ODB OHIP |
| | | OHIP OMHRS |
| | | OMHRS SDS |
| | | ASTHMA CHF COPD |
| | | COPD HIV HYPER |
| | | HYPER ODD |
| | | ODD OMD CONTACT |
| | | RPDB CAPE |
| | | CIC |
| | | CIC CIC COR CORGO data_chc |
| | | data_chc |
| | | Infection_DataDictionary_V10_Dec4 _20.15 |
| 148 | What are the time trends in proportions and characteristics of youth diagnosed with anxiety over the past 20-30 years? | IPDB BCCE |
| | | PCCF REF DAD |
| | | NACRS |
| | | OHIP OMHRS |
| | | SDS CENSLS |
| l | | POP RPDB |
| | | RPDB ONMARG |
| | | ONMARG ORGD CIC |
| | | |
| | | |
| 148 | What Determinants are Driving the Consistent Trends in Socioeconomic Inequities in IschemicHeart Disease Observed from 1994 to 2012? | LHIN PCCF |
| | | DAD OHIP HYPER |
| | | HYPER |
| | | ODD OMD CENSUS |
| | | CENSUS |
| | | CONTACT POP |
| | | RPDB NPHS ONMARG |
| | | ONMARG CCHS |
| | | CCHS ORGD |
| | | |
| 148 | Which patient factors impact geriatric rehabilitation outcomes? | INST CCRS DAD |
| | | DAD |
| | | HCD NAC RS NRS |
| | | NRS ODB OHIP |
| | | OHIP RPDB |
| | | |
| L | War Complete Makes Dist ISEC ODM Foregrounds | Health card numbers-TRI inpatient Geri Rehab |
| 148 | Your Symptoms Matter Pilot ICES-ORN Framework | PCCF REF |
| | | NACPS |
| | | DAD NACRS OHIP SDS RPDB |
| | | RPDB |
| | | Your Symptoms Matter |
| 148 | YOUTH PRESENTING TO ONTARIO EMERGENCY DEPARTMENTS WITH SUBSTANCE MISUSE | DIN LHIN PCCF REF |
| | | PCCF |
| 1 | | INST |
| 1 | | INST AVGPRICE ESTSOB |
| | | CCRS DAD |
| 1 | | HCD |
| 1 | | HCD NACRS NRS |
| 1 | | ODB OHIP |
| 1 | | OMHRS |
| 1 | | OMHRS SDS CENSUS |
| 1 | | CONTACT POP |
| 1 | | RPDR |
| 1 | | ADP CAPE |
| | | GAPP OCCI |
| l | | OCCI ONMARG CIC |
| | | CIC ORGD |
| | | NMS |
| | | |
| | • | |

Appendix D – Privacy Impact Assessments

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recommendation Was or Is Expected to be Impemen- |
|----|--|-----------|-----------------------------|---------------------|---------------------------------------|-----------------|------------------|-------------|---|-------------------------------|---|---|
| 1 | CCO Data Elements Revision | 1-Nov-16 | 6-Nov-16 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 2 | TARGetKids! | 1-Nov-16 | 9-Feb-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 3 | Coroner's Data Return | 20-Aug-16 | 7-Nov-16 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 4 | Qualitative Coding Software | 8-Nov-16 | 16-Dec-16 | Business Process | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 5 | NEJM | 11-Nov-16 | 30-Nov-16 | Business Process | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 6 | ORNGE | 22-Nov-16 | 16-Feb-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | NA | N/A |
| 7 | Bloom Filter | 30-Jan-17 | 30-Jan-17 | Technology | PIA required | PIA complete | None | N/A | None | N/A | NA | N/A |
| 8 | Coroner's Data - Death Investigations | 7-Dec-16 | 9-Feb-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | NA | N/A |
| 9 | Mobile Devices | 7-Dec-16 | 23-Mar-17 | Technology | PIA required | PIA complete | None | NA | Amend login notification message to remind users that using smart phones to copy ICES data or confidential information is prohibited. | Closed | Login notification was amended. | 17-Apr-17 |
| 10 | Canadian Primary Care Sentinel Surveillance Network (CPCSSN) | 8-Nov-16 | Withdraw n | Data Holding | PIA not required | Withdraw n | N/A | N/A | PIA not required. Request withdraw n. There is no data holding, information system, technology or program at issue. | N/A | NA | N/A |
| 11 | Greenshield | 12-Dec-16 | Withdraw n | Data Holding | PIA required | Withdraw n | N/A | N/A | PIA not required. Request withdraw n. There is no data holding, information system, technology or program at issue. | N/A | N/A | N/A |
| 12 | General Medicine Inpatient Clinical Registry (GEMINI) | 6-Dec-16 | 28-Feb-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |

| # | Title | Open Date | PIA Completio- n Date | РІА Туре | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|---|-----------|-----------------------------|---------------------|---------------------------------------|-----------------|------------------|-------------|--|-------------------------------|--|---|
| 13 | College of Physicians and Surgeons of Ontario (CPSO) | 20-Jan-17 | 14-Mar-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |
| 14 | DCIS Data Restore and Coding Fix | 29-Dec-16 | Withdraw n | Technology | PIA not required | Withdraw n | N/A | N/A | N/A | N/A | N/A | N/A |
| 15 | OHTN Amendment #2 | 1-Feb-17 | 10-Feb-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | NA | N/A |
| 16 | EMRALD RAE Migration Phase 1 | 13-Jan-17 | 16-Feb-17 | Technology | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 17 | ORRS Data Disclosure to CCO | 13-Jan-17 | 27-Feb-17 | Disclosure | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 18 | Data Safe Haven | 19-Jan-17 | 18-Jul-18 | Business Process | PIA required | PIA complete | None | N/A | External project team members are required to sign ICES Confidentiality Agreement. | Closed | Requirement communicated to PIA requestor. | 1) 18-Jul- 2018 |
| | | | | | | | | | Sick Kids must sign ICES Confidentiality Agreement or equivalent. | Closed | 2) Confidentiality provision were embedded in service agreement with Sick Kids. | 2) 18-Jul- 2018 |
| | | | | | | | | | Access by all ICES agents including Sick Kids System Administrators must be logged. | Closed | 3) Sick Kids IT has configured logging on the system in place and it is agreed that these logs would be sent to ICES upon request. | 3) 18-Jul- 2018 |
| | | | | | | | | | | | | |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|--|-----------|-----------------------------|--------------|---------------------------------------|-----------------|---|-------------|---|-------------------------------|---|---|
| | | | | | | | | | 4 Clearly define roles and responsibilities for handling privacy and security incidents between ICES and Sick Kids. This should include contact information for both ICES and Sick Kids and SLAs pertaining to notification and requirements for cooperation. | Closed | 4) Required information was incorporated into service agreement with Sick Kids. 4) Required information was information was assumed to the service agreement with Sick Kids. | 4) 18-Jul- 2018 |
| | | | | | | | | | 5) Terms and conditions pertaining to termination of services must be specified in 19the agreement to be signed with Sick Kids | Closed | 5) Required information was incorporated into service agreement with Sick Kids. | 5) 18-Jul- 2018 |
| 19 | POGO (DSA Amendment) | 1-Feb-17 | 1-Feb-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 20 | New born Screening Ontario (NSO) | 1-Feb-17 | 9-Feb-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 21 | MCSS Amendment (Annual Disclosure + TPR Restriction) | 30-Jan-17 | 24-Feb-17 | Data Holding | PIA required | PIA complete | 1) This will represent the first time a Ministry leverages DAS services to directly access and link their own data with data that originates in other arms of government. This, and the stated desire for a comparatively prolonged period of access (3-5 years), presents some risk of | Mitigated | 1) This risk can be significantly mitigated by application of all DAS policies, procedures and agreements, for Third Party Research to this activity by MCSS. This includes the process for vetting Research Outputs, the purposes for which include relevance to the approved research objectives. b. The DSA should explicitly define, and limit, the MCSS Third Party Research in terms of the FIPPA and PHIPA definitions of research. c. The DSA should include language that acknowledges the possibility of relevant | Closed | 1) DAS staff were made aw are that its policies, procedures and agreements applied to MCSS. The DSA was drafted to include the required information. | 1-Mar-17 |

| # | Title | Open Date | PIA Completio- n Date | РІА Туре | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|--|-----------|-----------------------------|--------------|---------------------------------------|-----------------|---|-------------|--|-------------------------------|--|---|
| | | | | | | | being perceived externally as unauthorized big data analytics rather than research. | | legislative change or guidance and the parties' commitment to amend the agreement and any related MCSS Third Party Research agreement if w arranted. | | | |
| | | | | | | | 2) At the time of completing this PIA (and likely the DSA), there is no draft research plan for MCSS TPR. This creates a risk of misunderstanding betw een the parties. This risk is compounded by our inability to know on what terms MCSS will be able to secure REB approval, and whether or not ICES will, itself, be comfortable with these. | Mitigated | 2) The intention of MCSS to access its data, and other ICES Data, for these purposes should be explicitly couched in terms that acknow ledge these contingencies and affirm appropriate ICES discretion. For these reasons, the agreement should not explicitly commit ICES to create a database called "HASAD" (MCSS' stated preference) or host it for any specified period (a preference for 3-5 years has been expressed). | Closed | 2) The DSA was drafted to address this recommendation. | 1-Mar-17 |
| 22 | Disclosure of CPSO Numbers to BORN | 16-Feb-17 | 17-Feb-17 | Disclosure | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 23 | Primary Care Population (PCPOP) - ICES- Derived Data Holding | 21-Mar-17 | 6-Jun-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|---|-----------|-----------------------------|---------------------|---------------------------------------|-----------------|------------------|-------------|--|-------------------------------|---|---|
| 24 | Derived Dataset - On/Off Reserve | 21-Sep-17 | 11-Apr-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 25 | Work From Home | 1-Jun-18 | N/A | Technology | PIA not required | N/A | None | N/A | N/A. Any recommendations related to workfrom home resulted from a review of supporting workfrom home documentation and not from a PIA, which was determined not necessary. | N/A | N/A | N/A |
| 26 | IT Renew al Service Provider | 21-Mar-17 | 18-Apr-17 | Technology | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 27 | RPDB Military and Veterans Flag | 13-Mar-17 | Withdraw n | Data Holding | N/A | NA | N/A | N/A | N/A | N/A | N/A | N/A |
| 28 | ICES-CCN Service Agreement | 6-Apr-17 | 26-Apr-17 | Business Process | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 29 | ICES CCN DSA Amendment | 22-Mar-17 | 10-Apr-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 30 | Nova Scotia QEII Data Disclosure PIA | 11-Apr-17 | 10-Oct-17 | Disclosure | PIA required | PIA complete | None | N/A | None | N/A | | |
| 31 | Pregnant Women Cohort | 3-Apr-17 | Withdraw n | Data Holding | PIA not required | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 32 | CIHI High Cost Users Cohort | 2-May-17 | 4-May-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 33 | OCCC Disclosure (to CCO) | 12-May-17 | 22-Aug-17 | Disclosure | PIA required | PIA complete | None | N/A | None | N/A | | |
| 34 | CCO Data - Symptom Management and OCR variable revision | 12-May-17 | 27-Jun-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 35 | MOS HIP-ICES Data linkage - a Retrospective Cohort Study | 18-Jul-17 | 10-Jan-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recommendation Was or Is Expected to be Impemented |
|----|--|-----------|--|---------------------|---------------------------------------|-----------------|------------------|-------------|-----------------|-------------------------------|---|---|
| 36 | Drug Identification Number | 18-Jul-17 | 1-Oct-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 37 | CPCSSN 2017 | 31-Jul-17 | | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |
| 38 | FHT - Inter- professional Full Time Equivalent | 8-Aug-17 | 11-Oct-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 39 | CPRO - Variables Update | 8-Aug-17 | 18-Aug-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 40 | ETHNIC - CUD to GUD | 14-Aug-17 | 24-Aug-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |
| 41 | CCN-ECHO dataset | 9-Aug-17 | 21-Aug-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 42 | CCO-ORRS Update | 18-Aug-17 | 18-Aug-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 43 | DQIM & DPD Data Quality Reporting | 16-Aug-17 | TBD. Pending further information from change ow ner. | Business Process | PIA required | On hold | None | N/A | None | N/A | N/A | N/A |
| 44 | The CPSO Public Register | 16-Aug-17 | On hold | Data Holding | PIA required | On hold | None | N/A | None | N/A | WA | N/A |
| 44 | OHTN Amendment #3 | 25-Aug-17 | 27-Oct-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |
| 45 | CIC (IRCC) Extension Letter | 21-Sep-17 | 22-Sep-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |
| 46 | Combining EFFECT datasets | 21-Sep-17 | 2-Nov-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |
| 47 | MOHLTC Out-of- Province In-Patient | 22-Sep-17 | 25-Oct-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|---|-----------|-----------------------------|--------------|---------------------------------------|-----------------|------------------|-------------|-----------------|-------------------------------|---|---|
| | Hospital Claim Data | | | | | | | | | | | |
| 48 | Postal Code-LHIN Crosswalk | 2-Oct-17 | 16-May-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 49 | MOHLTC OLIS - LOINC records update | 27-Oct-17 | 3-Mar-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | | |
| 50 | CIHI Pop Grouper | 26-Oct-17 | 31-Oct-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 51 | OHS - Cohort Disclosure | 16-Nov-17 | On hold | Disclosure | PIA required | On hold | None | N/A | None | N/A | N/A | N/A |
| 52 | Health Canada Drug Product Database | 4-Dec-17 | 12-Jan-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | WA |
| 53 | ORNGE - Additional Variables | 4-Dec-17 | 11-Dec-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 54 | Inuit Partner - Partnership Agreement | 8-Dec-17 | 14-Dec-17 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 55 | OHTN Amendment #5 - Refresh | 19-Dec-17 | 15-Oct-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 56 | HSSO formerly OACCAC | 27-Dec-17 | 29-Jan-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 57 | MOHLTC - ODR Data Update | 22-Dec-17 | 11-Jan-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 58 | Ontario Physician Workforce Database (OPWD) - OPHRDC | 17-Aug-18 | 17-Aug-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |
| 59 | MOHLTC - OCCI Data | 8-Jan-18 | 23-Jan-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |

| # | Title | Open Date | PIA Completion Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|---|-----------|---|---------------------|---------------------------------------|---------------------|------------------|-------------|-----------------|-------------------------------|---------------------------------------|---|
| 60 | Macros using CUD + GUD | 5-Feb-18 | In progress | Technology | PIA required | Sign-off pending | None | N/A | None | N/A | N/A | N/A |
| 61 | Non-Insured Health Benefits (NIHB) | 4-Feb-18 | TBD. In progress | Data Holding | PIA required | Requestor review | None | N/A | None | N/A | | N/A |
| 62 | IRCC Renew al 2018 | 15-Feb-18 | TBD. Aw aiting DSA to update obligations. | Data Holding | PIA required | Sign-off pending | None | N/A | None | N/A | N/A | N/A |
| 63 | Alliance CUD 2018 | 27-Feb-18 | Ongoing | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 64 | TGLN - 2018 variable update | 1-Mar-18 | 15-Mar-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 65 | Training using simulated datasets | 26-Feb-18 | 27-Apr-18 | Business Process | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 66 | ICES Physician Database (IPDB) - Derived ICES Data Holding | 2-Apr-18 | On hold | Data Holding | PIA required | On hold | None | N/A | None | N/A | N/A | N/A |
| 67 | CCO NDFP - ePolicy variable | 9-Apr-18 | 9-Apr-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 68 | Dementia Derived Cohort | 9-Apr-18 | 27-Apr-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 69 | MOHLTC RPDB Eligibility Gaps - Data Validation Disclosure | 3-May-18 | 2018-May- 15 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 70 | Health Quality Ontario (HQO) Provider Reporting DSA refresh | 1-Aug-18 | 1-Aug-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 71 | StatsCan Online Open Licence | 8-May-18 | 13-Jul-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recommendation Was or Is Expected to be Impemented |
|----|--|-----------|---|---------------------|---------------------------------------|-----------------|------------------|-------------|-----------------|-------------------------------|---|---|
| 72 | Community Health Centre (CHC) Encounter Data | 9-May-18 | 10-Jul-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 73 | Partner Secondment Agreement – ICES Staff | 17-Apr-18 | TBD. Pending information from change owner. | Business Process | PIA required | On hold | N/A | N/A | N/A | N/A | WA | N/A |
| 74 | Canadian Urban Environmental Health Research Consortium (CANUE) | 8-May-18 | TBD. Pending information from change owner. | Data Holding | PIA required | On hold | N/A | N/A | N/A | N/A | N/A | N/A |
| 75 | New born Screening Ontario (NSO) Amendment #1 | 23-May-18 | 28-May-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 76 | BORN - BIS refresh 2012 - present | 28-May-18 | 5-Jun-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | | |
| 77 | First Nations SAS Formats | 6-Sep-18 | 6-Sep-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | | |
| 78 | Ontario Registrar General - Deaths | 11-Jun-18 | 11-Jun-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 79 | Indigenous and Northern Affairs Canada (INAC) - Indian Registry System (IRS) | 11-Jun-18 | 3-Jul-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 80 | Natural Language Processing Lab Tools & Resources | 20-Jun-18 | TBD. Work ongoing. | Technology | PIA required | Ongoing | In progress | N/A | In progress | N/A | N/A | N/A |
| 81 | Health Quality Ontario (HQO) Data Disclosure | 20-Jun-18 | 10-Jul-18 | Disclosure | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|---|-----------|-----------------------------|---------------------|---------------------------------------|-----------------|------------------|-------------|-----------------|-------------------------------|---|---|
| 82 | TRIBE-AKI Study | 27-Jun-18 | Withdraw n | Data Holding | PIA required | Withdraw n | None | N/A | None | N/A | NA | N/A |
| 83 | Ontario Health Study (OHS) DSA Amendment #1 | 24-Jul-18 | 28-Nov-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 84 | CorHealth Amendment #3 | 27-Jun-18 | 17-Jul-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 85 | Métis Household Survey Data | 27-Jun-18 | 17-Jul-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | NA | N/A |
| 86 | EFFECT Amendment - ICES Approval | 14-Aug-18 | 17-Jan-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 87 | MCCSS - Social Services Ontario - Supplementary Information | 13-Aug-18 | 13-Aug-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 88 | Re-Identification Risk Assessment - Primary Care Teams - Provider Reporting | 18-Jul-18 | Withdraw n | Business Process | PIA required | Withdraw n | N/A | N/A | N/A | N/A | WA | N/A |
| 89 | Flu and Other REspiratory Virus rEseaRch (FOREVER) cohort | 2-Aug-18 | 17-Jan-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|------------------------------|-----------|-----------------------------|------------|---------------------------------------|--------------|---|-------------|---|-------------------------------|---|---|
| 90 | Publishing Citrix Externally | 28-May-18 | 4-Jun-18 | Technology | PIA required | PIA complete | 1) ICES' Remote Access Policy prohibits remote access to the RAE. | Eliminated | 1) Amend Remote Access Policy to permit remote access to the RAE (including ICES' Data Safe Haven). In addition, this policy should stipulate additional requirements for each type of remote access (Intranet, LAN, RAE, IDAVE). With respect to remote access to the RAE, at a minimum, the requirements must include the following: 1. Prohibition on copying any ICES data off the RAE, e.g., through screen shots or photographs. (Offloading ICES data is physically impossible). 2. Prohibition on sharing access credentials including passwords or tokens. 3. For ICES staff granted access to Fully-identified Data or Coded Data at Levels 0-2, a requirement to limit the location of access to a private space within one's home where the risk of one's screen being view ed by others is very low. 4. For ICES students who have a demonstrable need, and are granted, access to Coded Data at Level 3, a requirement to access the RAE only within a private location where the risk of one's screen being viewed by others is low or very low. (All | Closed | 1) Recommendation was addressed through implementation of a substantially revised Remote Access Policy. | 1-Mar-19 |

| # | Title | Open Date | PIA Completio- n Date | РІА Туре | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemen- ted |
|---|-------|-----------|-----------------------------|----------|---------------------------------------|------------|--|-------------|--|-------------------------------|--|---|
| | | | | | | | | | other ICES students requiring remote access must continue to receive access to Level 4 Risk-Reduced Coded Data through ICES' IDAVE.) 5. A requirement to take all other necessary precautions to shield one's screen from being view ed by others. 6. A requirement to lock or pow er down computers immediately upon leaving them unattended. 7. Re-enforcement of ICES' prohibition on accessing ICES data concurrently with non-ICES clinical or research data, whether identified or not. 8. Re-enforcement of one's duty to notify ICES' Chief Privacy Officer immediately upon detection of an incident of suspected incident. | | | |
| | | | | | | | 2) ICES' Work From Home Policy permits remote access to the RAE through an ICES laptop only. | Eliminate d | Amend Work From Home Policy to permit remote access to the RAE from any computer. | Closed | 2) Recommendation w as addressed through implementation of a substantially revised Remote Access Policy. | 1-Mar-19 |

| # | Title | Open Date | PIA Completio- n Date | РІА Туре | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|---|-------|-----------|-----------------------------|----------|---------------------------------------|------------|---|-------------|--|-------------------------------|---|---|
| | | | | | | | 3) ICES' Confidentiality Agreement does not contain an explicit provision governing remote access | Eliminated | 3) Amend ICES' Confidentiality Agreement to include a provision(s) governing remote access. Eg. "Where accessing ICES Confidential Information from outside of ICES (such as through a remote desktop), take all reasonable measures to avoid disclosing ICES Confidential Information to others, including shielding screens from "shoulder-surfers" and locking or pow ering dow n computers immediately when left unattended." (An alternative, or additional, option is to create a simple Terms of Use Agreement for remote access at ICES. This could be a one page document requiring the user's signature or, for easier administration and tracking, a pop-up message asking the user to agree at the time of logging into the RAE remotely. The terms would include important safeguards including those identified above at 3(3)a.) | Closed | 3) Confidentiality Agreement was amended to include the recommended provisions. | 1-Jun-18 |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recommendation Was or Is Expected to be Impemented |
|---|-------|-----------|-----------------------------|----------|---------------------------------------|------------|--|-------------|---|-------------------------------|---|---|
| | | | | | | | 4) ICES students who have a demonstrable need, and are granted, access to Coded Data at Level 3 enter will enter into ICES' Confidentiality Agreement and receive privacy and security orientation like all other ICES students and staff. Yet neither the Confidentiality Agreement or privacy and security orientation explicitly address requirements for conducting work remotely. (In the case of ICES staff, they are at least required to enter into the Work From Home Application & Agreement that imposes relevant remote access obligations.) | Eliminated | 4) This scenario currently applies only to the small subset of ICES students who will be accessing ICES' Data Safe Haven during the summer of 2018, who have already signed ICES' Confidentiality Agreement and received privacy and security orientation. The requirements identified above at 3(3)(a) of the PIA must be communicated to the ICES students prior to providing access to the Data Safe Haven and/or ICES data. Also, these students should be required to re-sign an updated version of ICES' Confidentiality Agreement that includes the proposed provision identified above at 3(3)(d) of the PIA. In future, ICES students falling in this particular category of data access should be provided a copy of the Remote Access Policy, once revised and approved, which they are obliged to know and adhere to by entering into ICES' Confidentiality Agreement. | Closed | 4) The requirements identified at 3(3)(a) of the PIA were communicated to the ICES students prior to providing access to the Data Safe Haven and/or ICES data. Also, these students were required to re-sign an updated version of ICES' Confidentiality Agreement that includes the proposed provision identified above at 3(3)(d) of the PIA. | 30-Jun-18 |

| # | Title | Open Date | PIA Completio- n Date | РІА Туре | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemen- ted |
|----|--|-----------|-----------------------------|--------------|---------------------------------------|-----------------|--|-------------|--|-------------------------------|---|---|
| | | | | | | | 5) Introduction of the proposed web-based method of remote access to the RAE, although assessed and deemed secure by ICES' Security, is the type of technological and business change that warrants incremental implementation. Such an approach would limit the scale of, and increase ICES' ability to manage and address, any unforeseen risks. | Eliminated | It is recommended that ICES considers restricting use of w eb-based remote access to the RAE specifically to the small subset of ICES students w ho require access to ICES' Data Safe Haven for approved ICES projects to be conducted during the summer of 2018. This should be considered pilot testing and any unforeseen risks can be identified and mitigated before permitting ICES staff to leverage the new remote access method. This approach also allows time to make the required policy and agreement revisions recommended above, w hich are subject to an internal vetting process that takes time. | Closed | ICES restricted use of web-based remote access to the RAE specifically to the small subset of ICES students who required access to ICES' Data Safe Haven for approved ICES projects to during the summer of 2018. Only after the summer did ICES make web-based remote access broadly available to other agents within ICES in accordance with the release of the substantially revised Remote Access Policy. | 1-Jun-18 |
| 91 | Health Artificial Intelligence & Data Analysis Platform + Data Safe Haven (HAIDAP + DSH) | 25-Jun-18 | TBD | Technology | PIA required | On hold | N/A | N/A | N/A | N/A | WA | N/A |
| 92 | ETHNIC - sharing the algorithm | 30-Jul-18 | 26-Mar-19 | Data Holding | PIA required | PIA complete | None | N/A | N/A | N/A | N/A | N/A |
| 93 | MOSHIP Amendment #1 | 9-Oct-18 | 9-Oct-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|--|-----------|-----------------------------|--------------|---------------------------------------|------------|------------------|-------------|--|-------------------------------|---|---|
| 94 | Ministry of Community Safety & Correctional Services (MCSCS) - Corrections Ontario | 1-Aug-18 | TBD | Data Holding | PIA required | On hold | None | N/A | and the criminal proceedings in section 64 suggests that this Part is intended to authorize disclosure of particulars relating to a small number of individuals, and may not expressly authorize a disclosure of the CORR Dataset. ICES is unable to confirm w hether or not the proposed collection is consistent w ith the reasonable expectations of the individuals as required by legislation. Any collection of information disclosed under these authorities w ill require the inclusion of a w arranty in the DSA, by the disclosing party that such transfer of personal information is authorized. Such w arranty must be accompanied by the appropriate indemnity. Corrections Ontario is statutorily prohibited — subject to additional Ministerial approvals from offering an indemnity so any liability borne out of the receipt of information w hich may not be authorized shall be borne solely by ICES. Executive level input is likely required. | Open | TBD | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|---|-----------|---|--------------|---------------------------------------|---------------------|---|-------------|---|-------------------------------|---|---|
| 95 | TGLN - 2018 HCN Disclosure | 13-Aug-18 | 11-Sep-18 | Disclosure | PIA required | PIA complete | None | N/A | NA | N/A | N/A | N/A |
| 96 | Indigenous Data Partner (Survey Data) | 17-Aug-18 | TBD. Requires update to variables; aw aiting input from CPLO. | Data Holding | PIA required | Sign-off pending | 1) The terms of the consent form(s) do not allow for the transfer and linkage of Survey Data to ICES. There is a risk of unauthorized collection by ICES. | Pending | 1) Please see above options under Section D (Privacy Analysis). Please note: The Indigenous Data Partner has agreed to Option B and is in the process of updating consent with their Service Provider for the collection of Survey Data with direct personal identifiers on a moving forward basis. Strategic Partnerships will follow-up with the Indigenous Data Partner to provide a copy of the updated consent form for PLO's review. | N/A | N/A | N/A |
| | | | | | | | 2) The contracts betw een the Indigenous Data Partner and their Service Provider is not definitively clear that the Indigenous Data Partner can disclose Survey Data to ICES. The documentation provided by the Indigenous Data | Pending | 2) Option 1: Enter into a triparty DSA w hich will clarify the rights and obligations between all three parties. Option 2: ICES and the Indigenous Data Partner will enter into a two-party DSA, w hich includes sufficient contractual language to shield ICES from liability in the event of an alleged breach by the disclosing party. | | | |

| # Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|---------|-----------|-----------------------------|----------|---------------------------------------|------------|--|-------------|---|-------------------------------|---|---|
| | | | | | | Partner may also be incomplete. There is a risk that a disclosure by the Service Provider to ICES would constitute a breach of contract by the Service Provider against the Indigenous Data Partner and would be an unauthorized collection by ICES. 3) According to the Indigenous Data Partner, the Survey Data without direct personal identifiers is considered deidentified. The collection of such data will contain indirect personal identifiers which may reasonably re-identify an individual. The reputational risk is that the data is not de-identified according to | Pending | The Indigenous Data Partner and their Service Provider will also provide to ICES a LOA confirming that: The Service Provider is a service provider acting on behalf of the Indigenous Data Partner to collect and disclose Survey Data. Please see above Section D (Privacy Analysis). | | | |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|----|------------------------------|-----------|-----------------------------|--------------|---------------------------------------|-----------------|---|-------------|--|-------------------------------|---|---|
| | | | | | | | ICES standards. There is also a risk of unauthorized collection. 4) The proposed handling requirements have not been adequately described if ICES were to collect and hold the Survey Data without direct personal identifiers. There is a risk that the proposed handling requirements are not yet supported by ICES policies and procedures (e.g., Creating Coded Data at ICES Procedures) | Pending | 4) Develop ICES policies and procedures to enable the proposed handling requirements. | | | |
| 97 | Rheumatology EMR Database | 31-Aug-18 | 6-Mar-19 | Data Holding | PIA required | PIA complete | None | N/A | 1) The language on coding and linkage in ICES' standard DSA template must be customized to reflect the unique desensitization measures, and limitations, above. The following is suggested language. | Closed | Recommended language was incorporated into draft DSA. | 30-Jul-19 |

| # | Title | Open Date | PIA Completio- n Date | РІА Туре | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|---|-------|-----------|-----------------------------|----------|---------------------------------------|------------|------------------|-------------|--|-------------------------------|---|---|
| | | | | | | | | | ICES will take reasonable steps to de-sensitize the PHI such as: (a) Replacing health card numbers with a unique ICES anonymous identifier (ICES Identifier) or code and other identifying numbers with a 98code. (b) Where health card numbers are not provided, matching the PHI to information in other databases for the purposes of assigning the correct ICES Identifier; then (c) Removing or replacing with a code any remaining information that directly identifies an individual (Direct Personal Identifiers). Notwithstanding [Article X], Direct Personal Identifiers embedded in multimedia files including but not limited to medical images will not be replaced or encoded, and will only be accessed by ICES Data Covenantors for the purposes described in [Article X] or ICES employees designated to abstract relevant PHI (ICES Abstractors). | | | |

| # | Title | Open Date | PIA Completio- n Date | РІА Туре | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|---|-------|-----------|-----------------------------|----------|---------------------------------------|------------|------------------|-------------|--|-------------------------------|--|---|
| | | | | | | | | | 2) ICES' Strategic Partnerships believes it is important to explicitly state in the DSA that ICES projects require review and approval of ICES' Privacy & Legal Office, to provide physicians greater assurance that access to the data will be administered in a controlled manner. | Closed | 2) DSA made this project review and approval explicit. | 30-Jul-19 |
| | | | | | | | | | 3) The DSA must be clear that not only ICES Data Covenantors but also ICES Abstractors will be permitted access to PHI containing Direct Personal Identifiers, and the latter group only for the purposes of abstracting relevant PHI. | Closed | 3) DSA made clear the special access permissions for these two roles. | 30-Jul-19 |
| | | | | | | | | | 4) Where data resides with an ASP clinic, the DSA must state in the Transfer Schedule that QHR Technologies is acting on behalf of the physicians to prepare and provide a data extraction to ICES. | Closed | 4) DSA made clear the transfer relationship. | 30-Jul-19 |
| | | | | | | | | | 5) The DSA must reflect all transfer methods as options because the most appropriate method to be used will vary and not be determined until after the DSA is signed. | Closed | 5) DSA included transfer options. | 30-Jul-19 |
| | | | | | | | | | 6) Prior to the commencement of consultant's work with ICES, ICES must enter into a service provider agreement with the | Open | 6) N/A | 1-Jan-20 |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recommendation Was or Is Expected to be Impemented |
|-----|---|-----------|---|--------------|---------------------------------------|---------------------|------------------|-------------|--|-------------------------------|---|---|
| | | | | | | | | | Department of Family and Community Medicine for consultant's support or directly with consultant acting as an independent contractor. If consultant will be serving only a minimal role, he will be required to sign an ICES NDA rather than a service provider agreement. Once the parameters of consultant"s role are determined, DQIM must consult ICES' Privacy & Legal Office to put in place the appropriate contract and advise on whether consultant must receive privacy and security training. | | | |
| 98 | CCO Disclosure - Prostate cancer – Multi-program quality improvement initiative ("MPQII") | 2-Oct-18 | 5-Oct-18 | Disclosure | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |
| 99 | Ontario Marginalization Index (ONMARG) | 5-Oct-18 | 12-Oct-18 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N∕A |
| 100 | Coroner's Data Return (2018) | 28-Nov-18 | Pending reply from change ow ner | Disclosure | PIA required | Sign-off pending | None | N/A | None | N/A | N/A | N/A |
| 101 | ORNGE | 3-Jan-19 | 9-Jan-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 102 | TargetKids! | 6-Dec-18 | 9-Jan-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemen- ted |
|-----|---|-----------|-----------------------------|---------------------|---------------------------------------|-----------------|------------------|-------------|---|-------------------------------|---------------------------------------|---|
| 103 | Vector Staff as Service Provider for DQIM | 17-Jan-19 | 17-Jan-19 | Service Provider | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 104 | New born Screening Ontario (NSO) Amendment #2 | 21-Jan-19 | 21-Feb-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 105 | Public Health Ontario (PHO) | 29-Jan-19 | N/A | Data Holding | PIA not required | Withdraw n | None | N/A | PIA not required. Request withdrawn. There is no data holding, information system, technology or program at issue | N/A | N/A | N/A |
| 106 | Office of the Chief Coroner (OCC) - DDARD | 9-Feb-19 | 25-Oct-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 107 | CorHealth Amendment #4 (3398D) - add STS | 11-Feb-19 | 6-May-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 108 | HSSO (formerly OACCAC) Amendment #4 | 15-Feb-19 | 5-Mar-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|-----|------------------|-----------|-----------------------------|--------------|---------------------------------------|-----------------|--|-------------|--|-------------------------------|--|---|
| 109 | HealthLinks-KHSC | 6-Feb-19 | 12-Aug-19 | Data Holding | PIA required | PIA complete | 1) Section 45(2) of PHIPA prohibits the collection of "notes of personal health information about an individual that are recorded by a health information custodian and that document the contents of conversations during a private counselling session or a group, joint or family counselling session". This type of information may be captured during data extraction and transfer. | N/A | adopt a broad or narrow interpretation of this provision, and develop policy to reflect this decision making. Example Broad interpretation: Any recording, by any means, of any information documenting the contents of conversations taking place during any counselling session, between any HIC and any patient, including formulaic data entry. Example Narrow interpretation: Transcript-like recordings, by any means, documenting the contents of conversations between a HIC and the patient, w hich is subject to legal privilege due to the nature of the relationship between the patient and HIC (a therapeutic counselling relationship developed for the purpose of the provision of mental health treatment). | Closed | 1) Mitigated. No free-text fields will be collected. | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemen- ted |
|-----|---|-----------|---|--------------|---------------------------------------|---------------------|---|-------------|--|-------------------------------|--|---|
| | | | | | | | 2) Pre-approval will be managed by Strategic Partnerships who will accept and manage a compliance risk relating to a contractual and legal duty. Strategic Partnerships will withhold approval for any projects falling outside the scope of the HealthLinks Purpose. | N/A | 2) Once #1 above is complete, ICES to adopt procedures and modifications to existing procedures and forms to implement the decisions made. A procedure for seeking and obtaining pre-approval from Strategic Partnerships for scientists, as well as a mechanism for Strategic Partnerships to track this process and the due diligence associated with it, will require development. A procedure for coordinating between the Privacy team and Strategic Partnerships will also need to be developed. The procedures described above must be posted on the ICES Data Holdings Obligations Page. | Open | N/A | N/A |
| 111 | TGLN - Variable List Update | 7-Mar-19 | Aw aiting additional information from chance ow ner | Data Holding | PIA required | Sign-off pending | None | N/A | None | N/A | N/A | N/A |
| 112 | Nutrition Canada National Survey (NCNS) | 12-Mar-19 | 11-Jun-19 | Data Holding | PIA required | PIA complete | None | N/A | 1) Include appropriate representations, warranties and indemnities from the data source in the data sharing agreement. | Closed | Language satisfactorily added to executed DSA. | 19-Jun-19 |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|-----|---|-----------|--|--------------|---------------------------------------|--------------------|--|-------------|---|-------------------------------|---|---|
| 113 | Ontario Health Study (OHS) DSA Amendment #2 | 1-Mar-19 | 26-Mar-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 114 | OCR (CUD to GUD) | 18-Mar-19 | 18-Mar-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 115 | PRONTO - case list disclosure to OICR | 8-Mar-19 | TBD. Aw aiting information from change ow ner. | Disclosure | PIA required | PLO team review | 1) There is currently no policy or procedure w hich details unique mechanisms specific to disclosure to prescribed persons or prescribed entities, if any exist. | Open | 1) A policy and/or procedure statement describing the parameters, processes, considerations required to give effect to the disclosures permitted under Section 3(b)(5)(a) of ICES Privacy Policy should be developed. | Open | N/A | TBD |
| | | | | | | | 2) The CIHI DSA does not permit disclosure to prescribed persons under section 18(4) of O.Reg 329/04. | Open | 2) The data sourced from CIHI must be excluded or, ICES must seek written authorization in a manner consistent with the DSA requirements set out under section 5.13 and 9.1.1. The CIHI DSA is also silent with respect to waiver, and an amendment should be sought to formalize the written agreement. | Open | N/A | TBD |

| # | Title | Open Date | PIA Completion n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recommendation Was or Is Expected to be Impemented |
|-----|---|-----------|--|---------------------|---------------------------------------|---------------------|---|-------------|---|-------------------------------|---|---|
| | | | | | | | 3) DSA 3300 does not permit onw ard disclosure by ICES. | Open | 3) DSA 3300 requires amendment to enable the proposed onw ard disclosure. | Open | N/A | TBD |
| 116 | HSSO (formerly OACCAC) Amendment #5 | 15-Mar-19 | 28-Mar-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 117 | HSSO (formerly OACCAC) - ongoing updates | 11-Apr-19 | Aw aiting additional information from Change Ow ner | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 118 | BORN - 2019 Disclosure Request | 11-Apr-19 | Aw aiting additional information from Change Ow ner | Disclosure | PIA required | Sign-off pending | None | N/A | None | N/A | N/A | N/A |
| 119 | HQO - Crosswalk Disclosure | 24-Apr-19 | 25-Apr-19 | Disclosure | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 120 | OHTN - Variables, Costs, Transfer Contact Update | 1-May-19 | 3-Jun-19 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 121 | CorHealth - Disclosure & ICES as Electronic Service Provider | 10-Jul-19 | 7-Aug-19 | Business Process | PIA required | PIA complete | 7) ICES will be at once a data recipient, a data provider and an | Closed | CIHI DSA must be amended to permit ICES to disclose to a prescribed registry for 39(1)(c) purposes. | Closed | CIHI DSA was amended accordingly. | Feb-20 |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|---|-------|-----------|-----------------------------|----------|---------------------------------------|------------|---|-------------|---|-------------------------------|---|---|
| | | | | | | | electronic service provider, w hich creates complexity in terms of the different | | 2) The new agreement with CorHealth, discussed below, must make explicit that ICES will disclose CorHealth's registry data back to CorHealth for 39(1)(c) purposes. | Closed | Disclosure purpose was explicitly identified in DSA. | 19-Feb-20 |
| | | | | | | | processes, and number of staff from different departments, required to | | 3) ICES should ask IMS Brogan to confirm that the license permits use of drug information for ICES' provision for services to CorHealth. | Closed | ICES struck a new license agreement with IMS Brogan to clearly permit use for services provision. | Feb-20 |
| | | | | | | | support this arrangement. It is likely, for example, that DAS and R&A, which usually operate more or less separately, may share overall responsibility. This complexity may create operational confusion and blind spots. | | 4) The IPC Manual sets out minimum content requirements for Data Sharing Agreements and third party service provider agreements. ICES must ensure that the agreement between CorHealth and ICES meets the minimum requirements relevant to both subject areas to enable the proposed activity. See Appendix 1 for the relevant content requirements with respect to ICES' role as an electronic service provider. Under the new agreement, ICES will be designated an agent of CorHealth for the purpose of the retention of the custom datasets. | Closed | DSA drafted to satisfy IPC Manual minimum content requirements. | 19-Feb-20 |
| | | | | | | | | | 5) The Data Sharing Agreement must stipulate that only Summary Data are permitted to be offloaded from IDAVE and this is to be only with assistance from ICES. | Closed | DSA incorporated the specified stipulation. | 19-Feb-20 |

| # | Title | Open Date | PIA Completio- n Date | РІА Туре | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|---|-------|-----------|-----------------------------|----------|---------------------------------------|------------|------------------|-------------|--|-------------------------------|--|---|
| | | | | | | | | | 6) IDAVE accounts will be created and provided to CorHealth upon request. The Data Sharing Agreement must stipulate that CorHealth shall not request, enable, facilitate or direct IDAVE accounts for any person who is not an agent of CorHealth. | Closed | DSA incorporated the specified stipulation. | 19-Feb-20 |
| | | | | | | | | | 7) The roles and responsibilities of ICES staff involved in carrying out ICES' roles as electronic service provider and data provider to CorHealth should be clearly defined in a procedure. (The PLO may refer to this procedure in setting out core requirements in ICES policy – most likely the forthcoming Disclosure Policy – with respect to disclosures to prescribed entities and prescribed registries.) | Closed | A new procedure was developed and implemented. | Mar-20 |

| # | Title | Open Date | PIA Completio- n Date | РІА Туре | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|-----|--|-----------|--|---------------------|---------------------------------------|-----------------|------------------|-------------|---|-------------------------------|--|---|
| | | | | | | | | | 8) CorHealth has confirmed that they have entered into a Data Privacy Agreement for Prescribed Registries with the MOHLTC and is subject to certain obligations set out in the agreement. CorHealth has stated that they are obligated to provide copies of reports to MOHLTC at least 30 days prior to publication. The Data Sharing Agreement must acknowledge this and that nothing in the agreement will prevent CorHealth from carrying out its obligations to MOHLTC pursuant to their agreement. | Closed | DSA addressed reporting obligations to MOHLTC. | 19-Feb-20 |
| 122 | CorHealth - STS Part 2 | 27-May-19 | 2019-May- 28 | Data Holding | PIA required | PIA complete | None | N/A | None | N/A | N/A | N/A |
| 123 | FOREVER Cohort - Amendment | 30-Jun-19 | TBD. Aw aiting information from change ow ner. | Data Holding | PIA required | In progress | None | N/A | None | N/A | N/A | N/A |
| 124 | Electronic Medical Records – Primary Care | 19-Jul-19 | TBD | Business Process | PIA required | In progress | N/A | N/A | N/A | N/A | N/A | N/A |
| 125 | Ontario Brain Institute-ICES Central Crosswalk | 11-Jul-19 | 16-Jan- 2020 | Technology | PIA required | PIA complete | None | N/A | None | N/A | WA | N/A |

| # | Title | Open Date | PIA Completion n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|-----|--|-----------|-----------------------------|--------------|---------------------------------------|-----------------|---|-------------|---|-------------------------------|--|---|
| 126 | POPACG - ICES Derived Data Holding | 3-Aug-19 | TBD | Data Holding | PIA required | In progress | N/A | N/A | N/A | N/A | N/A | N/A |
| 127 | Geographic Boundary Data | 19-Aug-19 | 19-Oct-19 | Data Holding | PIA required | PIA complete | Compliance w ith certain obligations. | Addressed. | Obligations relating to the use of these files must be tracked and accessible to ICES agents and third party researchers. Implementation must be adequately mandated. | Closed. | 1) Obligations related to the use of these files were identified and posted for availability to third party researchers. | 30-Oct-19 |
| | | | | | | | 2) Potential future licensing restrictions. | Addressed. | Data is subject to a uniform licence. DQIM must be careful to confirm that no additional licensing restrictions apply to any future dow nloads. | Closed. | 2) DQIM was made aw are that data is subject to a uniform license and also instructed to take caution to confirm that no additional licensing restrictions apply to any future dow nloads. | 11-Oct-19 |
| 128 | HealthLinks Amendment | 18-Sep-19 | TBD | Data Holding | PIA required | In progress | N/A | N/A | N/A | N/A | N/A | N/A |
| 129 | InterRAI Palliative Care - HSSO | 23-Sep-19 | TBD | Data Holding | PIA required | In progress | N/A | N/A | N/A | N/A | WA | N/A |
| 130 | Joinpoint Callable Version | 24-Sep-19 | TBD | Technology | PIA required | In progress | N/A | N/A | N/A | N/A | N/A | N/A |

| # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|-----|--|-----------|-----------------------------|------------|---------------------------------------|-----------------|------------------|-------------|---|-------------------------------|--|---|
| 131 | Research Electronic Data Capture & Primary Data Collection Procedure | 8-Oct-19 | 10-Dec- 2019 | Technology | PIA required | PIA complete | None | N/A | 1) Develop and make available boilerplate language that describes the process of collecting data through REDCap and linkage of data at ICES, for inclusion by project teams in REB applications. Data retention timeframes should also be included in the language, taking into account that timeframes set out in REB applications must correspond to those set out in associated DSAs and should also mirror ICES' Record Retention Schedule. Boilerplate language will ensure accuracy and avoid misrepresentations in REB applications. | Closed. | 1) Boiler plate language was developed. | 15-Jan- 2020 |
| | | | | | | | | | 2) The Project PIA should be amended to capture the following: "Case List Transfer Required: Y/N. If yes, specify variables: Transfer method (specify):" 3) Update case list transfer procedure to explicitly describe sets for Excel file encryption. 4) Review ICES Abstractor | Closed Closed Partially | 2) Project PIA was updated. 3) Case list transfer procedure was updated. 4) ICES Abstractor | 10-Jan- 2020 10-Jan- 2020 |
| | | | | | | | | | 4) Review ICES Abstractor Confidentiality Agreement to ensure provisions are not inconsistent with the PDC Procedure and use of REDCap. Insert a provision to prohibit | Partially closed | 4) ICES Abstractor Confidentiality Agreement was reviewed and determined to not be inconsistent with the | Target date: Nov- 2020 |

| ; | # | Title | Open Date | PIA Completio- n Date | PIA Type | Assess- ment Determin- ation | PIA Status | Risks Identified | Risk Status | Recommendations | Recomm- endation Status | Manner of Implementing Recommendation | Date Recomm- endation Was or Is Expected to be Impemented |
|---|---|-------|-----------|-----------------------------|----------|---------------------------------------|------------|------------------|-------------|--|-------------------------------|--|---|
| | | | | | | | | | | storage of data on mobile devices. Adjust requirements to require return of items either in person or via courier. | | PDC Procedure and use of use of REDCap. Changes yet to be made include insertion of a provision to prohibit storage of data on mobile devices and to requirement to return items in person or via courier. | |

Appendix E – Privacy Audit Program

| 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) |
|--------------------------|---|-------------------|---|--|--|
| A. Audit of agent access | An audit was conducted on particular aspects of agent access to the Research & Analytic Environment (RAE) where ICES data reside for use in analysis. The audit period covered Jul 2017 – Sep 2018. | Feb 2019 | Deploy privacy training on an annual basis to meet IPC requirement to do so. Enhance privacy aw areness training to provide education specifically on accessing the RAE. Set up w orking group to address rolebased on-the-job training regarding RAE access. | 1. Aug 2019 2. Aug 2019 3. Proposed: Dec 2020 | Deployed annual e-training. Annual e-training addresses policies and procedures for gaining access to the RAE. A w orking group will be established to address rolebased training. |
| B. Audit of agent access | An audit was conducted on particular aspects of agent access to the Research & Analytic Environment (RAE) where ICES data reside for use in analysis. The audit period covered Jul 2017 – Sep 2018. | Feb 2019 | Review Access to ICES Data Policy, add access content to summary data and de-identified data or refer to relevant procedures. Add "need to know" principle and "role-based" principle to Protection to ICES Data Policy. Remove confusing data classification from security policy and procedures. Update the content relating to ICES Data Covenantor when reviewing the Access to ICES Data Policy. | 1. Proposed: 31 Oct 2020 2. Proposed: 31 Oct 2020 3. Feb 2019 4. Proposed: 31 Oct 2020 | content to summary data and de-identified data or refer to relevant procedures. 2. "Need to know" principle and "role-based" principle will be added to Protection to ICES Data Policy. |
| C. Audit of agent access | An audit was conducted on particular aspects of agent access to the Research & Analytic Environment (RAE) where ICES data reside for use in analysis. The audit period covered Jul 2017 – Sep 2018. | Feb 2019 | Compare RAE SAS Active Directory list with Corporate Active Directory list to identify redundant RAE SAS user accounts. Review the annual project access verification process. | 1. Feb 2019 2. Proposed: 30 Sep 2020 | Compared RAE SAS Active Directory list with Corporate Active Directory list and identified redundant RAE SAS user accounts. The annual project access verification process will be review ed, including the following: Provide a summary report displaying current RAE user's access (user name, title, research program, project trim number, PIA, access to folder etc.). Suggest that DQIM, R&A and DAS develop a user-friendly access control list. Optimize the RAE access verification template and review process to enable manager has visibility of the team's access to RAE. |

| D. Audit of agent access | An audit was conducted on particular aspects of agent access to the Research & Analytic Environment (RAE) where ICES data reside for use in analysis. The audit period covered Jul 2017 – Sep 2018. | Feb 2019 | 1. In the RAE SAS environment, audit library logs are maintained to record comprehensive access transactions to RAE. How ever, not all RAE users are aw are of the existence of logs in RAE SAS environment. ICES must ensure that all users are aw are of | 1. Feb 2019 | Involve Privacy & Compliance Manager in the process to ensure necessary documents are included. Secure IT and DQIM's involvement to ensure the revised process could also satisfy the need of minimizing storage space and other operation needs. Reflect the updated procedure in relevant policy and procedures. Time will be taken during regular departmental meetings to alert RAE users to the existence of the RAE audit library and explain the importance of the "need-to-know" principle and "role-based access". |
|--------------------------|---|----------|--|--|---|
| E. Audit of agent access | An audit was conducted on particular aspects of agent access to the Research & Analytic Environment (RAE) where ICES data reside for use in analysis. The audit period covered Jul 2017 – Sep 2018. | Feb 2019 | access logs. 1. Set up a quarterly review process on RAE access log. | 1. Work is ongoing. Proposed: Dec 2020 | 1. Define the scope and use cases of the quarterly review, including the following: • Ensure the quarterly review is conducted on an ongoing basis and includes targeted (reactive) and random (proactive) auditing. • Set up a specific RAE log procedure to set out the types of auditing and monitoring that must be conducted using the logs; the procedure for each type of auditing and monitoring; the agent responsible for each type of auditing and monitoring must be conducted; the criteria to be used for each type of auditing and monitoring; the procedure to be followed for reviewing and addressing the findings of the auditing and monitoring; and the procedure to be followed in the event that an actual or suspected privacy breach is identified. • Add the above-mentioned procedure in the System Control and Audit Log Policy. |
| F. Audit of agent access | An audit was conducted on particular aspects of agent access to the Research & Analytic Environment (RAE) where ICES data reside for use in analysis. The audit period covered Jul 2017 – Sep 2018. | Feb 2019 | Access to RAE accounts for full-time employees should be set to expire automatically; the timeframe for expiry should coincide w ith annual confidentiality agreement renewal; | Work is ongoing. Proposed: Dec 2020 | Access to RAE accounts for full-time employees will be set to expire automatically; the timeframe for expiry will (most likely) be set to coincide with annual confidentiality agreement renewal; and a list of |

| | | | | and a list of employees who fail to renew should be sent to ICES' IT disable their account. | 0 | employees who fail to renew will be sent to ICES' IT to disable their account. |
|----------|--------------------------|--|----------|---|---|---|
| ag | udit of gent ccess | An audit was conducted on particular aspects of agent access to the Research & Analytic Environment (RAE) where ICES data reside for use in analysis. The audit period covered Jul 2017 – Sep 2018. | Feb 2019 | 1. The ICES project transfer procedu contains a gap in that access to the original project data folder is requi to be provided to complete the transfer but removal of access thereafter is not monitored. In reg project team meetings time should spent raising awareness of redund access and removing access in a timely way. 2. In the onboarding-offboarding system, add a feature to centrally record role changes: promotion, department change, transfer from site to another site, and transfer frone project to another project. 3. In the project verification process, add a checkbox to ensure access the original project folder is review for agents who have changed role transferred from one project to another project. | 2. Work is ongoing. Proposed: Dec 2020 3. Work is ongoing. Proposed: 30 Sep 2020 one one one | In regular project team meetings time was spent raising aw areness of redundant access and removing access in a timely way. In the onboarding-offboarding system, a feature will be added to centrally record role changes: promotion, department change, transfer from one site to another site, and transfer from one project to another project. In the project verification process, a checkbox will be added to ensure access to the original project folder is review ed for agents w ho have changed roles or transferred from one project to another project. |
| aç ac | udit of gent ccess | ICES agents are provided access to data based on the projects to which they are assigned. An audit was conducted to verify continued need for access to the data specific to each project. | Jul 2018 | Remove access for any agent w h confirms access is no longer required. | 1. 30 Sep 2020. | Microsoft Identify Management (MIM) was deployed in Dec 2019 and agents have been able to remove themselves from projects since that time. Internal stakeholders have met to initiate a new annual project membership verification process using MIM and the projected completion date as 30 Sep 2020. |
| pr | ther rivacy udit | The ICES data repository was scanned to detect presence of sensitive variables and these were checked against the type of access permitted to each file. | Apr 2019 | None | n/a | n/a |
| pr | ither rivacy udit | The entire ICES data repository was scanned to detect presence of free-text fields. Fields were flagged if they were >50 characters long, had at least one value >30 characters long, and contained >50 unique values. | Apr 2019 | Remove or mask any sensitive variables within the free-text fields Update Creating Coded Data Procedure to include more specific instructions for dealing with free-teffields. | | Sensitive variables were removed or masked and the revised data was reposted for use. Creating Coded Data Procedure was updated. Assess data with free-text fields to develop new logic and tool for better free-text detection. (A preliminary version of such a tool has been developed. Work is underway to refine models for various types of free-text data in order to |

| | | Embed new logic in the macro to better identify potential free-text fields. | identify the most appropriate algorithms for de- sensitization of free text data). |
|--|--|---|---|
| | | | |

Appendix F – Privacy Breaches

| # | Breach | Date | Description | Internal/ | Nature & | Sr. | Containment | Containmen | Third | Investigatio | Investigatio | Recommendation | Implemented |
|---|--------------|---------------------|--|-----------|---|----------------------|---|-------------|-----------------|--------------|--------------|---|---|
| | type | notifie d | | external | extent | Managemen t Notified | | t date | party notice | n start | n close | s | |
| 1 | Policy | 1-Nov- 2016 | A manuscript with summary results on MRI-based neuroanatomica I predictors of dysphagia was delivered to a medical journal for consideration for publication. | Internal | The results contained small cells the exact number of which was not explicit but could be calculated. The risk of the recipient being able to use the cell to reidentify any person was very low. | 1-Nov- 2016 | The journal was instructed to delete copies of the manuscript in its possession. ICES received confirmation of destruction. A revised copy with the small cells suppressed was reissued to the journal. | 1-Nov-2016 | Not required. | 1-Nov-2016 | 29-Dec-2016 | 1. Communicate a reminder to the principal investigation to complete a reidentification risk assessment, and as part of this, to suppress small cells prior to release of any reports. 2. ICES Research and Analysis was instructed to amend ICES faculty training to emphasize rules of reidentification risk assessments. | 1. A reminder w as communicate d to the principal investigator on 2-Nov-2016. 2. ICES Research and Analysis w as instructed to amend faculty training on 2-Nov-2016. The materials now cover the rules on reidentification risk extensively w ith specific examples of small cell suppression. |
| 2 | Contrac t | 24- Nov- 2016 | A government agency disclosed personal health to ICES, which ICES later discovered the agency did not have explicit permission to share. The agreements between the agency and the | External | The personal health information was disclosed to ICES in fully-identified form. A mitigating factor was that ICES desensitized the information prior to release to the investigators. | 24-Nov-2016 | The Chief Privacy & Legal Officer ordered the project team using the personal health information to suspend all w ork and quarantine the data and aw ait further notice. | 28-Nov-2016 | 24-Nov- 2016 | 24-Nov-2016 | 3-Mar-2017 | 1. The agency must secure explicit permission for the health information custodians to disclose their information to ICES. | 2. The agency confirmed in writing on 24-Feb-2017 that permission was obtained. |

| # | Breach type | Date notifie d | Description | Internal/ external | Nature & extent | Sr. Managemen t Notified | Containment | Containmen t date | Third party notice | Investigatio n start | Investigatio n close | Recommendation s | Implemented |
|---|---------------------------|----------------------|--|-----------------------|--|--------------------------------|---|-------------------|---|-------------------------|-------------------------|--|---|
| | | | various health information custodians appeared to prohibit disclosure. | | | | | | | | | | |
| 3 | Policy and contract | 24-Apr- 2017 | A table with summary results on testicular cancer was delivered to a medical journal and posted on the journal's website to accompany the related scientific abstract. | Internal | The results contained several small cells. The exact number of cells was explicit, although the risk of someone being able to use the cell to re-identify any person was very low. | 24-Apr-2017 | The principal investigator instructed the journal to remove the table from its w ebsite immediately. ICES received confirmation the journal complied. | 22-Apr-2017 | Applicable data providers were notified of the incident on 11-May-2017. | 24-Apr-2017 | 11-May-2017 | 1. Communicate a reminder to the principal investigation to complete a re- identification risk assessment, and as part of this, to suppress small cells prior to release of any reports. | 1. A reminder w as communicate d to the principal investigator on 21-Apr- 2017. |
| 4 | Policy | 29- May- 2017 | A hospital sent a table to an ICES investigator that contained personal health information that was not meant to be sent. | External | The table contained fully-identified data. It was sent to and received by a single recipient at ICES. | 29-May-2017 | The recipient at ICES was instructed to delete the table and inform the sender of the incident. The recipient confirmed deletion. | 29-May-2017 | The sender w as notified on 29-May-2017. | 29-May-2017 | 29-May-2017 | None | N∕A |
| 5 | Policy and contract | 27-Jun- 2017 | ICES provided aggregate tables to a government agency who in turn provided indicators calculated using those tables to physicians who consented to | Internal | The indicators containing small cells related were displayed in 58 of 999 physician practice profile reports. The indicators concerned the number of a | 27-Jun-2017 | The online portal through w hich physicians accessed their reports w as temporarily decommissione d and steps w ere taken to prepare and | 27-Jun-2017 | Notice the data to provider w as not required. | 27-Jun-2017 | 3-Aug-2017 | 1. ICES must develop a process for vetting the aggregate tables for small cell suppression before releasing to the | 1. ICES developed a processed and delegated responsibility to an ICES scientist for vetting the aggregate |

| # | Breach type | Date notifie d | Description | Internal/ external | Nature & extent | Sr. Managemen t Notified | Containment | Containmen t date | Third party notice | Investigatio n start | Investigatio n close | Recommendation s | lmplemented |
|---|----------------|----------------------|--|-----------------------|--|--------------------------------|---|----------------------|---|-------------------------|-------------------------|--|--|
| | | | receive their own individual practice profiles. Certain of practice profile reports contained small cells. | | physician's patients w ho did not receive cholesterol medication. The small cells were assessed and the risk of re-identification w as determined to be very low. | | release new reports with the small cells adequately suppressed. Physicians who had accessed their reports were instructed to destroy any copies in their possession. (Physicians were not asked to confirm destruction.) | | | | | government agency rather than relying on the latter to perform the assessment. 2. Affix a caution message on the online portal prohibiting any attempt to re- identify patients. | reports on 7- Jul-2017. 2. A caution messaged w as posted to the portal on 11-Jul-2017. |
| 6 | Policy | 19-Oct- 2017 | A manuscript submitted to a medical journal contained a table of results on individuals with cancer and these results contained small cells. | Internal | The small cells related to group of individuals with cancer and whether they lived in an urban or rural setting. The exact cell size was not explicit but could be calculated. The risk the small cells could be used to reidentify a person was assessed as very low. | 19-Oct-2017 | The journal was instructed to delete all copies of the manuscript in its possession and to await a revised version with the small cells suppressed. ICES received confirmation that the journal deleted copies of the manuscript. | 25-Oct-2017 | Notice to the data providers was not required. | 19-Oct-2017 | 27-Nov-2017 | 1. Communicate a reminder to the principal investigation to complete a re- identification risk assessment, and as part of this, to suppress small cells prior to release of any reports. | 1. A reminder w as communicate d to the principal investigator on 27-Nov- 17. |
| 7 | Policy | 11-Jan- 2018 | A manuscript with summary results related to individuals with neuromuscular | Internal | The exact cell size was not explicit but could be calculated. The risk the small | 11-Jan-2018 | The journal was instructed to delete all copies of the manuscript in its possession and | 11-Jan-2018 | Notice to the data providers w as not required. | 11-Jan-2018 | 23-Jan-2018 | Communicate a reminder to the principal investigation to complete a re- identification | A reminder w as communicate d to the principal investigator |

| # | Breach type | Date notifie d | Description | Internal/ external | Nature & extent | Sr. Managemen t Notified | Containment | Containmen t date | Third party notice | Investigatio n start | Investigatio n close | Recommendation s | Implemented |
|---|----------------|----------------------|---|-----------------------|--|--------------------------------|--|----------------------|--|-------------------------|-------------------------|---|---|
| | | | diseases was submitted to a medical journal and the results contained small cells. | | cells could be used to re- identify a person was assessed as very low. | | to aw ait a revised version with the small cells suppressed. ICES received confirmation that the journal deleted copies of the manuscript. | | | | | risk assessment, and as part of this, to suppress small cells prior to release of any reports. | on 23-Jan- 2018. |
| 8 | Policy | 07-Feb- 2018 | An ICES Analyst involved in an ICES project, a component of which involves "cleaning" lab data received MOHLTC had sent a file to project members containing frequencies of lab tests which included a large number of freetext fields via email. Such data is not allowed to be offloaded ICES' Research and Analytic Environment (RAE). Rather, it must be viewed within ICES on the RAE. | Internal | The incident was that the free-text data was offloaded from an environment where it was required to remain at all times. The data did not leave ICES' custody. The risk was extremely low. | 9-Feb-2018 | Director of DQIM was instructed to issue a request for all affected projects members to destroy the file and confirm destruction. All project members confirmed destruction. | 22-Feb-2018 | Notice to the data provider w as not required. | 07-Feb-2018 | 22-Feb-2018 | Several actions must be taken to avoid future related incidents data cleaning activities w hen w orking w ith free-text fields. These include: a) Bolster current DQIM protocol/guideline (top priority) b) Provide further education and training to the group of analysts w orking on OLIS cleaning, addressing protocol/guideline specifically c) Maintain a list of individuals w ho are allow ed to receive summary data for each test group (e.g. have singed NDA) | All were confirmed to be implemented (May 2018) |

| # | Breach type | Date notifie d | Description | Internal/ external | Nature & extent | Sr. Managemen t Notified | Containment | Containmen t date | Third party notice | Investigatio n start | Investigatio n close | Recommendation s | Implemented |
|----|----------------|----------------------|--|-----------------------|--|--------------------------------|--|----------------------|--|-------------------------|-------------------------|--|---|
| 9 | Policy | 15-Feb- 2018 | Reports distributed to physicians with information about their practice contained small cells. | Internal | The exact values of the small cells were not explicitly identified in the reports. Small cells could only be calculated through inference based on a bar graph which in some cases displayed instances of 6 or fewer patients. The small cells reflected the percentage of a physician's patients who had received a prescription for opioids or benzodiazepine s within March of 2017 either by the physician or another physician. | | Access to the online portal of any physicians who were suspected to have received a report containing small cells was disabled and not enabled until new reports were uploaded with the graphical error eliminated. Physicians who had accessed their reports were instructed to destroy any copies in their possession. (Physicians were not asked to confirm destruction.) | 15-Feb-2018 | Notice to the data provider w as not required. | 15-Feb-2018 | 23-Feb-2018 | None | N/A |
| 10 | Policy | 16-Jul- 2018 | A table included in a manuscript submitted to a medical journal contained a small cell. | Internal | One small cell was present in the table displayed in the manuscript. The exact cell size was not specified, but it could be calculated using the column totals displayed. | 16-Jul-2018 | A project team member contacted the journal to request that it destroy copies of the manuscript in its possession. The journal confirmed | 16-Jul-2018 | Notice to the data provider w as not required. | 16-Jul-2018 | 18-Jul-2018 | 1. Communicate a reminder to the principal investigation to complete a re- identification risk assessment, and as part of this, to suppress small cells prior to | 1. A reminder w as communicate d to the principal investigator on 18-Jul- 2018. |

| # | Breach type | Date notifie d | Description | Internal/ external | Nature & extent | Sr. Managemen t Notified | Containment | Containmen t date | Third party notice | Investigatio n start | Investigatio n close | Recommendation s | Implemented |
|----|-------------------------------|----------------------|--|-----------------------|---|--------------------------------|--|---|--------------------|-------------------------|-------------------------|-------------------------|-------------|
| | | | | | The small cell reflected receipt of home care palliative services in patients also receiving dialysis in their last year of life. | | destruction of the manuscript. | | | | | release of any reports. | |
| 11 | Policy and Contrac t | 23- Aug- 2018 | A draft manuscript circulated among project team members, in the context of a third party research project, w as discovered to contain a small cell. | External | The third party researcher copied data from a server in violation of an agreement with ICES prohibiting removal of data from ICES systems without permission, thus permitting generation of a cell with few er than 6 observations. The small cell related to hospital mortality. The cell was assessed and determined to pose only a very low risk of re-identification. | 23-Aug-2018 | A senior ICES scientist reminded the third party researcher of his obligation to not physically copy any data displayed by ICES systems. | Prior to notification to the Privacy & Legal Office. | Not required. | 23-Aug-2018 | 29-Aug-2018 | None | N/A |
| 12 | Policy | 28-Mar- | A table contain | Internal | The cell values | 28-Mar-2018 | The researcher | 28-Mar-2018 | Not | 28-Mar-2018 | 28-Mar-2018 | None | N/A |
| l | | 2018 | small cells was sent to a | | w ere not explicit but could be | | coordinator was instructed to, | | required. | | | | |
| l | | | research | | calculated. The | | and did, delete | | | | | | |
| | | | coordinator who | | small cells were | | the email | | | | | | |

| # | | Date notifie d | Description | Internal/ external | Nature & extent | Sr. Managemen t Notified | Containment | Containmen t date | Third party notice | Investigatio n start | Investigatio n close | Recommendation s | Implemented |
|---|--|----------------------|--|-----------------------|--|--------------------------------|-----------------------|----------------------|--------------------|-------------------------|-------------------------|---------------------|-------------|
| | | | w as not a project team member and thus not supposed to receive the table. | | determined to pose only a low risk of re- identification. | | containing the table. | | | | | | |

Appendix G – Security Policies & Procedures

| Name | Review Date(s) | Amendment/ New Policy Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|---|-------------------|--------------------------------------|---|--------------------------------|----------------------------------|---|---|
| Acceptable Use Policy | May-19 | Amendment | Referred to Remote Access Policy; added cloud software responsibilities; general format revisions | Oct-19 | Intranet posting | No | n/a |
| | Oct-19 | Amendment | Updated titles and departments; added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Data Backup Policy | Oct-19 | Amendment | Updated roles to reflect organizational changes; added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Destruction of ICES Data SOP | Oct-19 | Amendment | Updated titles and departments | n/a | n/a | No | n/a |
| ICES Data Management Policy | Oct-19 | Amendment | Moved to new template; updated roles and departments; added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| ICES Data Management Standard | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| Security Incident Log & Report Form Workbook (formerly ICES Security Incident Management SOP) | Oct-19 | Amendment | Updated titles | n/a | n/a | No | n/a |
| Information Media Destruction SOP | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| Information System Acquisition, Development | May-19 | Amendment | Updated to new template | n/a | n/a | No | n/a |

| Nam e | Review Date(s) | Amendment/ New Policy Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|--|-------------------|--------------------------------------|---|--------------------------------|----------------------------------|---|---|
| and Maintenance Policy | Jun-19 | Amendment | Updated roles and designations; changed DTS reference to encompass DQIM, IT and Security | Jun-19 | Intranet posting | No | n/a |
| | Oct-19 | Amendment | Added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Mobile Devices Policy | Oct-19 | Amendment | Updated to new template; updated titles and departments; added <i>Coroners Act</i> addendum | Oct-19 | Intranet posting | No | n/a |
| Passw ord | May-19 | Amendment | Updated to new template | Jun-19 | Intranet posting | No | n/a |
| Policy | Jun-19 | Amendment | Updated roles and designations; added "service accounts" to the user account definition; update NIST reference link | Jun-19 | Intranet posting | No | n/a |
| | Oct-19 | Amendment | Added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Patch Management Policy | Jun-19 | Amendment | Updated roles and departments; minor update on the purpose and scope; included IoT devices | Jun-19 | Intranet posting | No | n/a |
| • | Oct-19 | Amendment | Added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Physical Security Policy | Oct-19 | Amendment | Updated roles; added more procedural details about each physical security system; added ICES Central site map as an appendix; added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Remote Access Policy | Mar-19 | Amendment | Policy updated to reflect recent changes in remote access methods across ICES network | Mar-19 | Intranet posting | No | n/a |
| | Oct-19 | Amendment | Added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Case List Request & | Sep-17 | Amendment | Update to explicitly confirm case lists are encrypted when sent by email | Sep-19 | Intranet posting | No | n/a |
| Distribution Procedure | Feb-18 | Amendment | Update to include procedures in Axway transfer | Feb-18 | Intranet posting | No | n/a |
| | Jun-19 | Amendment | Update to include REDCap PDC tool procedures | Jun-19 | Intranet posting | No | n/a |
| | Oct-19 | Amendment | Added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Managing Paper Chart Documents Procedure | Oct-19 | Amendment | Updated to new template; added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |

| Name | Review Date(s) | Amendment/ New Policy Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|--|-------------------|--------------------------------------|--|--------------------------------|----------------------------------|---|---|
| Security Audit & Monitoring Policy (formerly | May-19 | Decommissioned | Relevant information transferred to Internal Audit Policy | May-19 | Intranet posting | No | n/a |
| Security Audit Policy) | Oct-19 | No Amendment | None | n/a | n/a | No | n/a |
| Security Audit Report Form Template | Jul-19 | Amendment | Added new logo; updated title and department names | n/a | n/a | No | n/a |
| Security Aw areness & | Jun-19 | Amendment | Added to new template; updated titles and departments | Jun-19 | Intranet posting | No | n/a |
| Training Policy (formerly Security Training Policy) | Oct-19 | Amendment | Added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Security Framework & Governance | Sep-19 | Amendment | Divided information Security program according to Cybersecurity and Physical Security | Sep-19 | Intranet posting | No | n/a |
| Policy Security Framework & Governance Policy | Oct-19 | Amendment | Added Coroners Actaddendum | Oct-19 | Intranet posting | No | n/a |
| Security Incident Management | Jun-19 | Amendment | Updated to new template; updated titles and departments; added content for increased clarity | Jun-19 | Intranet posting | No | n/a |
| Policy | Oct-19 | Amendment | Added Coroners Actaddendum | Oct-19 | Intranet posting | No | n/a |
| System Control & Audit Log Policy | Jun-19 | Amendment | Moved to new template; updated roles and departments; included staff, faculty and users to the scope; Changes IT Director Responsibility to Security Manager; included cybersecurity users | Jun-19 | Intranet posting | No | n/a |
| | Oct-19 | Amendment | Added Coroners Act addendum | Oct-19 | Intranet posting | No | n/a |
| Visitors Policy | May-19 | Amendment | Updated to new template; updated titles and departments | May-19 | Intranet posting | No | n/a |

| Name | Review Date(s) | Amendment/ New Policy Required | Amendment/New Policy Description | Agent Communication Date | Nature of Agent Communication | Public Communication Materials Amended | Description of Amendments to Communications Materials |
|------|-------------------|--------------------------------------|--|--------------------------------|----------------------------------|---|---|
| | Oct-19 | Amendment | Reorganized content; revised roles and point of contact for suspected security incidents; added <i>Coroners Act</i> addendum | Oct-19 | Intranet posting | No | n/a |

Appendix H – Physical Security Audits

| # | Type of Audit | Description of Audit | Date Audit Completed | Recommendation(s) | Date recommendation(s) was or is proposed to be addressed | Actions taken or proposed to be taken to address recommendation(s) |
|---|--------------------------|---|---|---|---|--|
| 1 | Physical access audit | Audit of access to ICES premises. Visitor logs were reviewed to ensure compliance with ICES' corresponding Visitors Policy. | A review of the visitor logs is completed each month. | No recommendations arose from the monthly visitor log review. For clarity, during the reviews, any electronic access cards found not have been returned are de-activated immediately. | N/A | N/A |

Appendix I – Security Audit Program

| # | Type of Audit | Description of Audit | Date Audit Completed | Recommendation(s) | Date recommendation(s) was or is proposed to be addressed | Actions taken or proposed to be taken to address recommendation(s) |
|----|--|---|-------------------------|---|---|--|
| 1. | Dual monitor TRA | Assess risk of deploying dual monitors across ICES networks. | 20-Mar- 2017 | Netw ork banner message to be presented at time of login reminding re- identification of ICES data is prohibited. | 1. 20-Mar-2017 | Netw ork banner w as applied. |
| 2. | Mobile Devices TRA | Assess risk of smart phone use within ICES premises. | 20-Mar- 2017 | | 1. 20-Mar-2017 2. 20-Mar-2017 | |
| 3. | EMRALD to RAE Migration TRA | Assess phase 1 of the EMRALD to Research Analytics Environment Migration to determine the overall security posture. | 24-April- 2017 | | 1. 13-Feb-2017 2. 13-Feb-2017 3. 13-Feb-2017 | Actions taken or |
| 4. | COACH Risk Calculator TRA | Assess COACH Risk Calculator application. | 6-Mar-2017 | Recommendations have not been identified in order to avoid external threats to ICES systems. | 1. 6-Mar-2017 | proposed to be taken to address recommendations have not been identified in |
| 5. | Sitecore Migration TRA | Assess the Sitecore migration from version 6.6 to 7.2. | 5-May- 2017 | | 1. 17-Apr-2017 2. 17-Apr-2017 3. 5-May-2017 | order to avoid external threats to ICES systems. |
| 6. | Netw ork Equipment TRA (a general description has been used here instead of the technology brand name) | Assess the netw ork equipment sw itches as part of IT refresh project. | 5-Oct-2017 | | 1. 19-May-2017 2. 31-Jan-2018 3. 29-Jun-2017 | |

| # | Type of Audit | Description of Audit | Date Audit Completed | Recommendation(s) | Date recommendation(s) was or is proposed to be addressed | Actions taken or proposed to be taken to address recommendation(s) |
|-----|--|---|-------------------------|---|--|---|
| 7. | Work From Home TRA | Assess the work from home solution w hich includes Citrix and user laptops. | 2017-11-06 | | 1. 31-Aug-2017 2. 7-Jul-2017 3. 10-Oct-2017 4. 10-Oct-2017 5. 1-Nov-2017 | |
| 8. | Email Gatew ay TRA (a general description has been used here instead of the technology brand name) | Assess the design and implementation of the email gatew ay solution. | 10-May- 2017 | | 1. 31-Jul-2017 2. 31-Jul-2017 3. 31-Jul-2017 4. 31-Jul-2017 5. 31-Jul-2017 6. 31-Jul-2017 7. 31-Jul-2017 | |
| 9. | Thin-Client Management Servers TRA | Assess the thin client management solution. | 10-May- 2017 | | 1. 20-Jul-2017 2. 20-Jul-2017 3. 20-Jul-2017 4. 20-Jul-2017 5. 20-Jul-2017 | |
| 10. | Email Infrastructure TRA | Assess the design and implementation of the email upgrade. | 8-Mar-2017 | Recommendations have not been identified in order to avoid external threats to ICES systems. | 1. 10-Jun-2017 2. 29-Nov-2017 3. 10-Jun-2017 4. 10-Jun-2017 5. 10-Jun-2017 | Actions taken or proposed to be taken to address recommendations have not been identified in order to avoid external threats to ICES systems. |
| 11. | Corp VDI TRA | Assess the VDI upgrade. | 09-Jan- 2017 | | 1. 10/06/2017 2. 10/06/2017 3. 10/06/2017 | uncaio io ioco systems. |

| # | Type of Audit | Description of Audit | Date Audit Completed | Recommendation(s) | Date recommendation(s) was or is proposed to be addressed | Actions taken or proposed to be taken to address recommendation(s) |
|-----|--|--|-------------------------|---|---|--|
| 12. | Data Safe Haven TRA | Assess the design and implementation of a private cloud collaboration project. | 24-Jul- 2017 | | 1. 13-Sep-2017 2. 28-Jul-2017 3. 22-Nov-2017 4. TBD 5. TBD 6. 9-Oct-2017 | |
| 13. | Secure File Transfer TRA (a general description has been used here instead of the technology brand name) | Assess the upgrade and migration of the secure file transfer solution. | 11-Oct- 2017 | Recommendations have | 1. 25-Oct-2017 2. 25-Oct-2017 3. 25-Oct-2017 | Actions taken or |
| 14. | GPU Machine TRA | Assess the GPU machine and environment. | 18-Oct- 2017 | not been identified in order to avoid external threats to ICES systems. | 1. 12-Dec-2017 2. 18-Oct-2017 1. 18-Oct-2017 | proposed to be taken to address recommendations have not been identified in order to avoid external threats to ICES systems. |
| 15. | IDAVE Virtual Desktop Infrastructure (VDI) TRA | Assess the VDI upgrade. | 02-Nov- 2017 | | 1. 03-Nov-2017 2. 03-Nov-2017 | , |
| 16. | Antimalw are Tool TRA (a general description has been used here instead of the technology brand name) | Assess the design and implementation of a new antimalw are solution. | 27-Dec- 2017 | | 1. 27-Dec-2018 2. 29-Jan-2018 3. 29-Jan-2018 4. 29-Jan-2018 5. 29-Jan-2018 | |
| 17. | Backup Solution TRA (a general description has been used here instead of | Assess the design and implementation of a new backup solution. | 29-Jan- 2018 | | 1. 25-Jan-2018 2. 25-Jan-2018 3. 30-Jan-2018 4. 25-Jan-2018 1. 26-Mar-2018 | |

| # | Type of Audit | Description of Audit | Date Audit Completed | Recommendation(s) | Date recommendation(s) was or is proposed to be addressed | Actions taken or proposed to be taken to address recommendation(s) |
|-----|--|---|-------------------------|--|---|--|
| | the technology brand name) | | | | | |
| 18. | ICES North Connectivity TRA | Assess any risks introduced for ICES North with new network connectivity solution. | 22-Feb- 2018 | Recommendations have not been identified in | 1. 22-Feb-2018 2. 22-Feb-2018 3. 22-Feb-2018 | Actions taken or proposed to be taken to address |
| 19. | Research Database TRA (a general description has been used here instead of the technology brand name) | Assess the design and implementation the web application used for building and managing online surveys and databases. | 14-Feb- 2018 | order to avoid external threats to ICES systems. | 1. 05-Apr-2018 2. 16-Feb-2018 | recommendations have not been identified in order to avoid external threats to ICES systems. |
| 20. | Record Linkage Softw are TRA (a general description has been used here instead of the technology brand name) | Assess the dataflow process and application environment. | 27-Apr- 2018 | | 1. 10-Apr-2018 2. 10-Apr-2018 3. 10-Apr-2018 | |
| 21. | ICES North Satellite Site TRA | Assess netw ork, physical and procedural threat risk assessment of new ly established | 7-Apr-2018 | | 1. 07-Jul-2018 2. Approx. Jul-2018 3. Approx. Jul-2018 4. Approx. Jul-2018 5. 24-Dec-2018 6. 24-Dec-2018 7. 24-Dec-2018 8. 24-Dec-2018 9. 24-Dec-2018 | |

| # | Type of Audit | Description of Audit | Date Audit Completed | Recommendation(s) | Date recommendation(s) was or is proposed to be addressed | Actions taken or proposed to be taken to address recommendation(s) |
|-----|--|---|-------------------------|--|---|---|
| | | ICES North satellite office. | | | 10. 24-Dec-2018 | |
| 22. | Network Monitoring TRA (a general description has been used here instead of the technology brand name) | Assess the design and implementation of the IT Infrastructure availability and performance monitoring solution. | 20-Jul- 2018 | Recommendations have not been identified in order to avoid external threats to ICES systems. | 1. 16-Jul-2018 | Actions taken or proposed to be taken to address recommendations have not been identified in order to avoid external threats to ICES systems. |
| 23. | Auditing Tool TRA (a general description has been used here instead of the technology brand name) | Assess the design and implementation of the Active Directory and File Server change audit solution. | 31-Jul- 2018 | | 1. 23-Nov-2018 2. 23-Nov-2018 | |
| 24. | Passw ord TRA (a general description has been used here instead of the technology brand name) | Assess the design and implementation of the Enterprise Passw ord Management softw are. | 01-Aug- 2018 | | 1. 09-Aug-2018 2. 09-Aug-2018 | |
| 25. | Research Database Survey and Modules (a general description has been used here instead of the technology brand name) | Assess the architecture modification of the electronic data capture application. | 26-Oct- 2018 | | 1. Approx. Aug-2018 2. Approx. Aug-2018 | |

| # | Type of Audit | Description of Audit | Date Audit Completed | Recommendation(s) | Date recommendation(s) was or is proposed to be addressed | Actions taken or proposed to be taken to address recommendation(s) |
|-----|--|--|-------------------------|-------------------|---|--|
| 26. | Electronic Management Tool TRA (a general description has been used here instead of the technology brand name) | Assess the design and implementation of the web based electronic management, auditing and reporting tool. | 12-Nov- 2018 | | 1. 12-Dec-2018 2. 12-Dec-2018 1. 25-Oct-2018 | |
| 27. | Password Management Audit | Assess adequacy of ICES' passw ord policy and procedures and other internal controls related to access to ICES Data. | 24-Oct- 2019 | | TBD | |

Appendix J - Information Security Breaches

| # | Category | Notificat- ion Date | Extent | PHI Nature & Extent | Manage- ment Notice Date | Containment Measures | Contain- ment Date | Third Party Notice Date | Investigation Start Date | Investig- ation Complete Date | Recommend- ation(s) | Manner Recommend- ation(s) Addressed | Date Recommend- ation(s) Addressed |
|---|----------|------------------------|---|----------------------|-----------------------------------|---|-----------------------|----------------------------------|-----------------------------|--|--|--|---|
| 1 | Incident | 10-Mar- 2018 | An unidentified person entered ICES through the lobby door and remained until after hours. The intruder opened the reception cage and stole office supplies and a parking transponde r. | No PHI was involved. | 11-Mar- 2018 | The intruder was detected after it was discovered the items were missing. No containment was required. No PHI was involved. | 11-Mar- 2018 | N/A | 11-Mar-2018 | 11-Mar- 2018 | ICES security personnel will ensure that the lobby door is locked every evening at 7pm and re-opened at 7am Monday through Friday. | The recommendation was accepted and addressed as proposed. | 11-Mar-2018 |

| # | Category | Notificat- ion Date | Extent | PHI Nature & Extent | Manage- ment Notice Date | Containment Measures | Contain- ment Date | Third Party Notice Date | Investigation Start Date | Investig- ation Complete Date | Recommend- ation(s) | Manner Recommend- ation(s) Addressed | Date Recommend- ation(s) Addressed |
|---|----------|------------------------|---|----------------------|-----------------------------------|--|-----------------------|----------------------------------|-----------------------------|--|--|--|---|
| 2 | Incident | 04-Mar- 2019 | On 01-Mar- 2019 communica tion betw een the security alarms in the ICES McMaster IT closet w as disconnect ed from the Hamilton Health Sciences (HHS) controller. Alarms w ere functioning but notification of alarm w as not communica ted to the security office. | No PHI was involved. | 04-03-2019 | TAK technologies representative reconnected all wires and confirmed alarm communications were restored at 11:30am 04-Mar-2019. | 04-Mar- 2019 | N/A | 04-Mar-2019 | 04-Mar- 2019 | Address lapses in notifications. | A meeting was held to address lapses in notifications. | 12-Mar-2019 |
| 3 | Incident | 21-Mar- 2019 | ID badge at ICES uOttaw a w as lost. | No PHI was involved. | 21-Mar- 2019 | Lost ID badge was reported to onsite security and a new ID badge and identification PIN was set. | 21-Mar- 2019 | N/A | 21-03-2019 | 21-03- 2019 | Protection of property reminder incorporated into security aw areness. | Protection of property reminder incorporated into security aw areness. | 22-Jul-2019 |

| # | Category | Notificat- ion Date | Extent | PHI Nature & Extent | Manage- ment Notice Date | Containment Measures | Contain- ment Date | Third Party Notice Date | Investigation Start Date | Investig- ation Complete Date | Recommend- ation(s) | Manner Recommend- ation(s) Addressed | Date Recommend- ation(s) Addressed |
|---|----------|------------------------|---|--|-----------------------------------|---|-----------------------|----------------------------------|-----------------------------|--|--|--|---|
| 4 | Incident | 06-May- 2019 | An investigator 's laptop and hard drive back-up w as stolen from his vehicle. | Only summary level results were saved on the stolen devices. | 06-May- 2019 | Lock function w as activated remotely for this laptop. Laptop w as protected using passw ord and facial recognition. Hard drive w as passw ord protected. | 06-May- 2019 | N/A | 06-May-2019 | 07-May- 2019 | Protection of property reminder incorporated into security aw areness. | Protection of property reminder incorporated into security aw areness. | 22-Jul-2019 |
| 5 | Incident | 13-May- 2019 | Malw are infection. A user's computer screen was locked and prompted a Window's security warning. | No PHI was involved. | 13-May- 2019 | Computer was disconnected from the network. The user's folders were scanned for infections. | 13-May- 2019 | N/A | 13-May-2019 | 14-May- 2019 | 1. General communication regarding malw are. 2. Implement a technical control to mitigate this type of attack, i.e., web content filtering. | 1. General communicati on regarding malw are. 2. "Next generation firew alls" w ill be installed. | 22-Jul-2019 TBD. Next generation firew alls is currently in the procureme nt stage. |
| 6 | Incident | 24-May- 2019 | The computer that monitors the security system for ICES Queen's had a | No PHI was involved. | 24-May- 2019 | Onsite support enlisted same day as notified. | 24-May- 2019 | N/A | 24-May-2019 | 28-May- 2019 | Instruction to review monitoring logs daily until computer is restored. | Instruction accepted. | 24-May-2019 |

| # | Category | Notificat- ion Date | Extent | PHI Nature & Extent | Manage- ment Notice Date | Containment Measures | Contain- ment Date | Third Party Notice Date | Investigation Start Date | Investig- ation Complete Date | Recommend- ation(s) | Manner Recommend- ation(s) Addressed | Date Recommend- ation(s) Addressed |
|---|----------|------------------------|---|----------------------|-----------------------------------|---|-----------------------|----------------------------------|-----------------------------|--|--|---|---|
| | | | critical system error. | | | | | | | | | | |
| 7 | Incident | 11-Jul- 2019 | Suspected malw are activity found on a user's computer. | No PHI was involved. | 11-Jul- 2019 | Computer was disconnected from the network. User's folders were scanned for infections. | 11-Jul- 2019 | N/A | 11-Jul-2019 | 11-Jul- 2019 | 1. General communication regarding malw are. 2. Implement a technical control to mitigate this type of attack, i.e., web content filtering. | 1. General communicati on regarding malw are. 2. "Next generation firew alls" will be installed. | 22-Jul-2019 2. TBD. Next generation firew alls is currently in the procureme nt stage. |

Appendix K – Glossary

A. ICES Data

| Data | Description |
|-----------------|--|
| ACG | Adjusted Clinical Group |
| ACG Macro | Adjusted Clinical Group Macro Program |
| ADP | Assistive Devices Program |
| AHCAS | Allied Health Centralized Application Service |
| AKI | Acute Kidney Injury |
| ALR | Activity Level Support |
| AQHI | Air Quality Health Index |
| ASTHMA | Ontario Asthma Database |
| AVGPRICE | Average Price |
| BCG | Bacille Calmette-Guerin |
| BORN | Better Outcomes Registry & Network |
| BRIDGES-RAPT | BRIDGES - Rapid Assessment for Psychopharmacologic Treatment |
| BRTRC | Bariatric Registry |
| CANHEART Cohort | Cardiovascular Health in Ambulatory Care Research Team Cohort |
| CANOC | Canadian Observational Cohort Collaboration |
| CAPE | Client Agency Program Enrollment |
| CBI | Community Business Intelligence |
| CCHS | Canadian Community Health Survey |
| CCN | Cardiac Care Network |
| CCO | Cancer Care Ontario |
| CCRS | Continuing Care Reporting System |
| CCRS-LTC | Continuing Care Reporting System - Long Term Care |
| CENSUS | Ontario Census Area Profiles |
| CENSUSCA | Canada Census Area Profiles |
| Cerner | Cerner lab data |
| CFDR | Canadian Cystic Fibrosis Data Registry |
| CHAP | Cardiovascular Health Awareness Program |
| CHC | Community Health Centers |
| CHCCDB | Central Home Care Client Database |
| CHEO | Children's Hospital of Eastern Ontario |
| CHF | Ontario Congestive Heart Failure Database |
| CIC | Immigration, Refugees and Citizenship Canada (previously Citizenship and Immigration Canada) |
| CIHI-CCRS | Canadian Institute for Health Information - Continuing Care Reporting System |
| CIHI-DA D | Canadian Institute for Health Information - Discharge Abstract Database |
| CIHI-NA CRS | Canadian Institute for Health Information - National Ambulatory Care Reporting System |
| CIHI-NRS | Canadian Institute for Health Information - National Rehab System |
| CIHI-S DS | Canadian Institute for Health Information - Same Day Surgery Database |
| CIRT | Colonoscopy Interim Reporting Tool |
| CJRR | Canadian Joint Replacement Registry |
| CLD | Clinical Liver Database |

| COACH | Comparison of Outcomes and Access to Care for Heart Failure |
|----------|--|
| CONTACT | Yearly contact with health services |
| COPD | Ontario Chronic Obstructive Pulmonary Disease Database |
| Coroner | Cause of Death from Coroner Investigation |
| CORR | Canadian Organ Replacement Registry |
| CPCSSN | Canadian Primary Care Sentinel Surveillance Network |
| CPDB | Care Provider Database |
| CPDR | Canadian Cystic Fibrosis Data Registry |
| CPRO | Client Profile Database |
| CPSO | College of Physicians and Surgeons of Ontario |
| CTMRI | CT/MRI Abstracted Data |
| Cytobase | Cervical Cytology Data |
| DALHIN | Mapping DAs to LHINs and SubLHINs |
| DATIS | Drug and Alcohol Treatment Information System |
| DCIS | Ductal Carcinoma in Situ |
| DDARD | Drug and Drug/Alcohol-related Deaths |
| DEMENTIA | Ontario Dementia Database |
| DIN | List of drugs from ODB formularies with DINs, |
| DMAR | Dialysis Measurement Analysis Reporting System |
| DPD | Drug Product Database |
| EDI | Early Development Index |
| EFFECT | Enhanced Feedback for Effective Cardiac Treatment |
| EMRALD | Electronic Medical Records Administrative Linked Database |
| EMRPC | Electronic Medical Records Primary Care – Master Linking Crosswalk |
| ERCLAIM | OHIP emergency claims created at ICES from OHIP claims |
| ESAS | Symptom Management Database |
| ESTSOB | Estimated Schedule of Benefits Price |
| ETHNIC | Surname-based Ethnicity Group |
| GAPP | GAPP decision support systems (physician payments) |
| GDML | Gamma Dynacare Medical Laboratories |
| GEM-SURF | The Canadian Urban and Land Surface External Modeling System |
| GIS Data | Geographic Information System Data |
| HCD | Home Care Database |
| HCDMOH | Home Care Database - Ministry of Health |
| HCES | Health Care Experience Survey |
| HHIT | Health and Housing in Transition Study |
| HIV | Ontario HIV Database |
| HIVOHTN | HIV-infected Ontarians - Ontario HIV Treatment Network |
| HLINK | Health Links Datasets |
| HOBIC | Health Outcomes for Better Information and Care |
| HSU | High Service User |

| HSC-ACTS | Health and Social Care Act |
|-------------------|--|
| HTN | HIV Treatment Network |
| HYPER | Ontario Hypertension Database |
| Hypertension | Ontario Hypertension Database |
| HYPONATREMIAatTOH | Hyponatremia at The Ottaw a Hospital |
| ICES desktop | The online environment hosted and controlled by ICES on which external researchers are permitted to access and analyze data. |
| IBD | Inflammatory Bow el Disease |
| ICD | Ontario Implantable Cardioverter Defibrillators |
| INST | Ministry of Health funded institutions |
| IPDB | ICES Physician Database |
| iPHIS | Integrated Public Health Information System |
| IRS | Indian Registry System |
| LCVIS | London Cardiovascular Information System |
| LHIN | Local Health Integration Network |
| LHSC | London Health Sciences Centre |
| LIDS | Landed Immigrant Data System |
| LOC | Levels of Care |
| LTCH | Determinants of Quality in Ontario Long Term Care Homes |
| MCSS | Ministry of Community and Social Services - Service Delivery Model Technology (SDMT) |
| MI Database | Is this referring to the MIS database? |
| MIS | Management Information System |
| MNO | Métis Nation of Ontario |
| MNOHS | Métis Nation of Ontario Household Survey |
| MOHLTC | Ministry of Health and Long-Term Care |
| MomBaby | Mother-baby Linked Database |
| MRN | Medical Record Number |
| NCIC | National Cancer Institute of Canada |
| NDFP | New Drug Funding Program |
| NMS | Narcotics Monitoring System |
| NOAC | New Oral Anticoagulant |
| NPHS | National Population Health Survey |
| NRS | National Rehabilitation Reporting System |
| NSO | New born Screening Ontario |
| OACCAC | Ontario Association of Community Care Access Centres |
| OBSP | Ontario Breast Screening Program |
| OCC | Re-check this data set (#629) |
| OCCC | Ontario Crohn's and Colitis Cohort Database |
| OCCI | Ontario Case Costing Initiative |
| OCCM | Occupancy Monitoring |
| OCR | Ontario Cancer Registry |
| OCRIS | Ontario Cancer Registry Information System |

| ODB | Ontario Drug Benefit |
|-------------|---|
| ODD | Ontario Diabetes Database |
| ODR | Organ Donor Registry |
| OHCAS | Ontario Home Care Administrative System |
| OHIP | Ontario Health Insurance Plan Claims Database |
| OHS | Ontario Health Survey |
| OHSURV EY | Ontario Health Survey |
| OLIS | Ontario Laboratories Information System |
| OMHRS | Ontario Mental Health Reporting System |
| OMID | Ontario Myocardial Infarction Database |
| OMMMS | Ontario Maternal Multiple Marker Screening |
| ON-Marg | Ontario Marginalization Index |
| OPHRDC | Ontario Physician Human Resources Data Centre |
| ORAD | Ontario Rheumatoid Arthritis Database |
| ORGD | Ontario Registrar General - Death |
| ORRS | Ontario Renal Reporting System |
| OSR | Ontario Stroke Registry |
| OTR | Ontario Trauma Registry |
| PACT-HF | Patient-Centered Care Transitions in Heart Failure |
| PCAS | Primary Care Access Survey |
| PCCF | Postal Code (Macro) |
| PCPOP | Primary Care Population |
| PC-SUBLHIN | Postal Code Sub-Local Health Intergration Network |
| PHO | Public Health Ontario |
| PHOL | Public Health Ontario Laboratory |
| PHOL | Public Health Ontario Lab |
| PHYSNET | Ontario Multispecialty Physician Networks |
| PIBD | Pediatric Inflammatory Bowel Disease Database |
| POGONIS | Pediatric Oncology Group of Ontario Networked Information System |
| POP | Yearly Ontario intercensal and postcensal population estimates and projection |
| POPCA N | Yearly Canada intercensal and postcensal estimates by age and sex. |
| PROUD | PROUD Study Survey Data |
| PSTLyear | Best yearly postal code |
| QUALICOPC | Quality and Costs of Primary Care Survey |
| RAICA | Resident Assessment Instrument - Contact Assessment |
| RAI-CA | Resident Assessment Instrument - Contact Assessment Data |
| RAIHC | Resident Assessment Instrument - Home Care |
| RAIHCMOH | |
| | Resident Assessment Instrument - Home Care - Ministry of Health |
| RCSN | |
| RCSN REF | Resident Assessment Instrument - Home Care - Ministry of Health |

| SAVR | Systematic Assessment of Vascular Risk |
|--------------------------------------|--|
| SDS | Same Day Surgery Database |
| SPA | Symptom Perception in Asthma |
| SPIRIT | Stroke Performance Indicators for Reporting, Improvement and Translation |
| STDPRICE | Standard Price |
| SWCCAC eShift | South West Community Care Access Centre |
| TAVI | Transcatheter Aortic Valve Implantation |
| ТВ | Tuberculosis |
| TCHCP | Toronto Community Hepatitis C Program - Registry Project Data |
| TGLN | Trillium Gift of Life Network |
| TIBDN | Toronto Invasive Bacterial Disease Network |
| TLC | TeleCare Study Data |
| TLMHP | TeleLink Mental Health Program |
| TRIBE | Translational Research Investigating Biomarker Endpoints – Acute Kidney Injury |
| TWHLC | Toronto Western Hospital Liver Clinic |
| UHN CABG | University Health Network - Coronary Artery Bypass Grafting |
| UHN PCI | University Health Network - Percutaneous Coronary Intervention |
| UHN VT Catheter Ablation Database | University Health Network Ventricular Tachycardia Catheter Ablation Database |
| Xponent | Physician-level evaluation of antibiotic prescribing variability |

B. Other Terms Used in ICES' Report

| Term | Description |
|----------------------------|--|
| AHRQ | Applied Health Research Question |
| CEO | Chief Executive Officer |
| Coded information | Identifiable information from which direct personal identifiers have been removed or encoded, and which may have an ICES identifier applied using an algorithm that is not known to the user |
| Cohort | A group of individuals who share a defining characteristic such as a particular disease or condition |
| CPLO | Chief Privacy and Legal Officer |
| DAS | Data and Analytic Services |
| De-identified information | Information from which any direct personal identifiers have been removed or encoded and other fields have been adjusted so that the data could not, in any reasonably foreseeable circumstance, be used, either alone or in combination with other information, to identify a person |
| Direct personal identifier | A specific identifier that identifies a person, such as name or personal health number |
| DQIM | Data Quality and Information Management |
| DSA | Data sharing agreement |
| EPM | Evaluate. Planning or Management |
| ICES | Institute for Clinical Evaluative Sciences |
| ICES abstractor | A person contracted directly by ICES to abstract information from medical charts or reports |

| ICES collaborating researcher | A person who is not employed by nor affiliated with ICES but who collaborates on an ICES project |
|---------------------------------------|--|
| ICES controlled use data; ICES CUD | ICES data that is available for ICES projects subject to conditions agreed with the data custodian, typically additional approval or reporting of projects or subject-area restrictions |
| ICES data covenantor | A person authorized to access personally identifiable information that contains direct personal identifiers for the purposes of receiving, transferring or destroying data, for the encryption or removal of direct personal identifiers, or for data linkage using direct personal identifiers |
| ICES data dictionary | The searchable online catalogue of ICES data holdings that describes the attributes and terms and conditions that govern use of ICES data holdings |
| ICES data holding | An ICES data holding is any ICES general use data or ICES controlled use data |
| ICES general use data; ICES GUD | ICES data that is available for any ICES project, subject to ICES policies and procedure |
| IDAVE | ICES Data and Analytic Virtual Environment |
| Identifiable information | Information that identifies a person or for which it is reasonably foreseeable in the circumstances it could be used, either alone or in combination with other information, to identify a person. ICES data that includes direct personal identifiers or indirect personal identifiers is identifiable data |
| Indirect personal identifier | Information that could reasonably be expected to identify an individual through a combination of indirect personal identifiers, such as date of birth or date of admission or service |
| Individual-level information | Information that relates to a specific individual |
| IPC | Information and Privacy Commissioner |
| Know ledge user | A person who can apply the results of an ICES project to make decisions. |
| KU | Know ledge user |
| LAN | Local area network |
| LPSO | Local Privacy and Security Officer |
| NDA | Non-disclosure agreement |
| OCA | Offline chart abstraction tool |
| OnTap | ICES e-new sletter |
| PDC | Primary data collection |
| PHIPA | Personal Health Information Protection Act |
| PIA | Privacy impact assessment |
| PL | Program Leader |
| PLO | Privacy and Legal Office |
| Principal investigator | The individual with principal scientific responsibility for conduct of a project. |
| Privacy impact assessment | A documented assessment designed to identify and manage the elimination or mitigation of privacy risks associated with a process, system or initiative |
| Project-specific data; PSD | ICES data available only for the purposes of a specific project or series of related projects |
| RAE | Research and Analytic Environment |
| REB | Research ethics board |
| Research outputs | Summary information that has been de-identified |
| Risk-reduced coded data | Coded data that has been assessed for the identifiability of any underlying individuals and adjusted as required until the level of identifiability is low. |

| SIEM | System information and event management |
|---------------------|---|
| Small cell | Summary information, typically in the form of counts, percentages or means, that are based on five or few er observations |
| SME | Subject matter expert |
| SOP | Standard operating procedure |
| SOW | Statement of Work |
| Summary information | Information that has been summarized at a group level, for which, subject to the presence of small cells, the risk of re-identification is very low (e.g., a table of characteristics by age group) |

