



Early health. Lifelong health.  
Début en santé. Longue vie en santé.

# **BORN Ontario: Data Quality Management - Hospitals**

**April 2012**

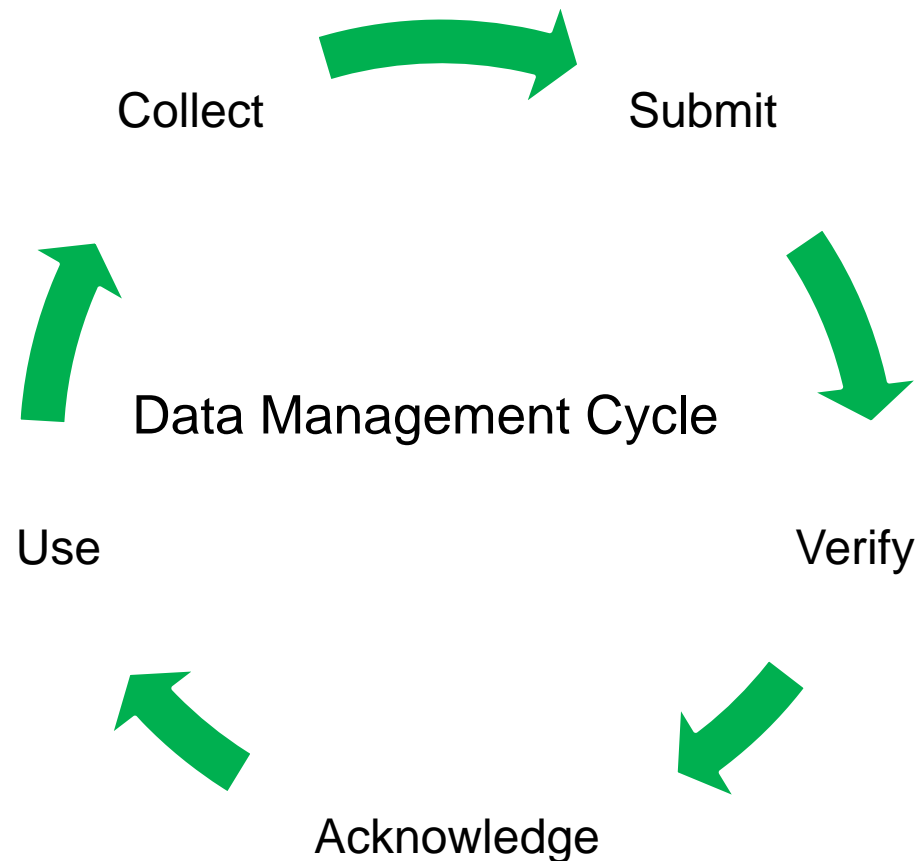
# Data Quality Management - Hospital

---

- Data Quality Management Cycle
- Data Quality Activities and Tools
- Interpreting and managing Data Quality Reports
- Access to Data Quality Reports

# Data Quality Management

Submitting organization undertake data quality activities at each point in the cycle

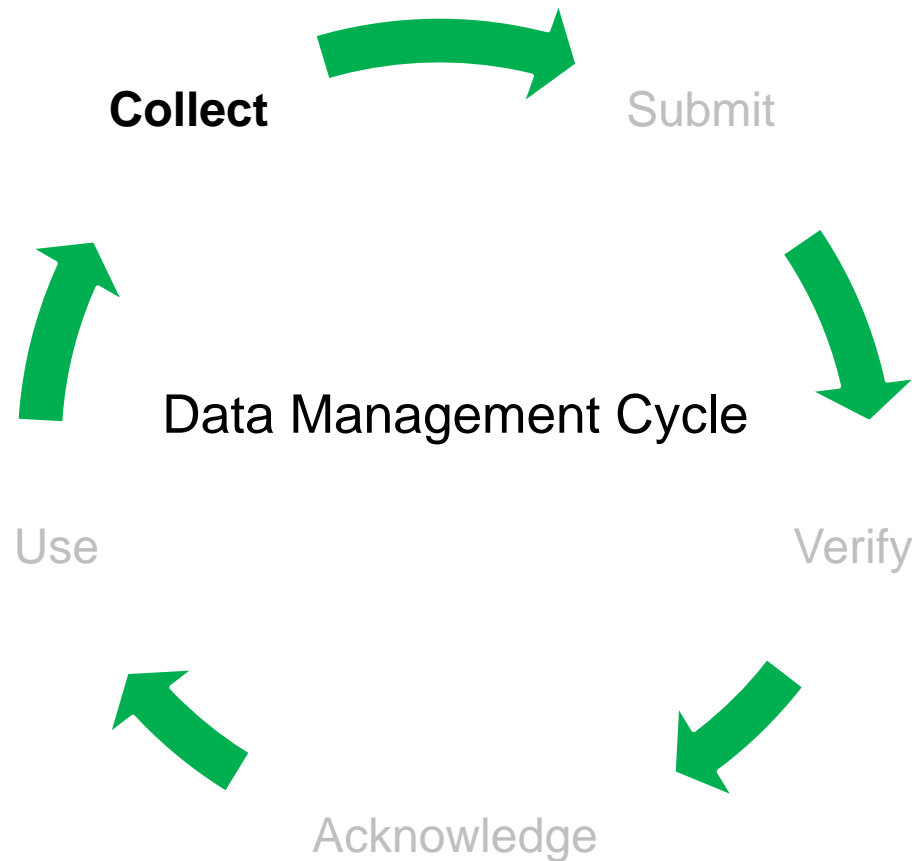


# Data Quality Management

Submitting organization undertakes data quality activities at each point in the cycle

Do patient chart forms contain the information needed in BORN?  
Documentation is:

- ✓ Aligned
- ✓ Streamlined
- ✓ Not duplicated



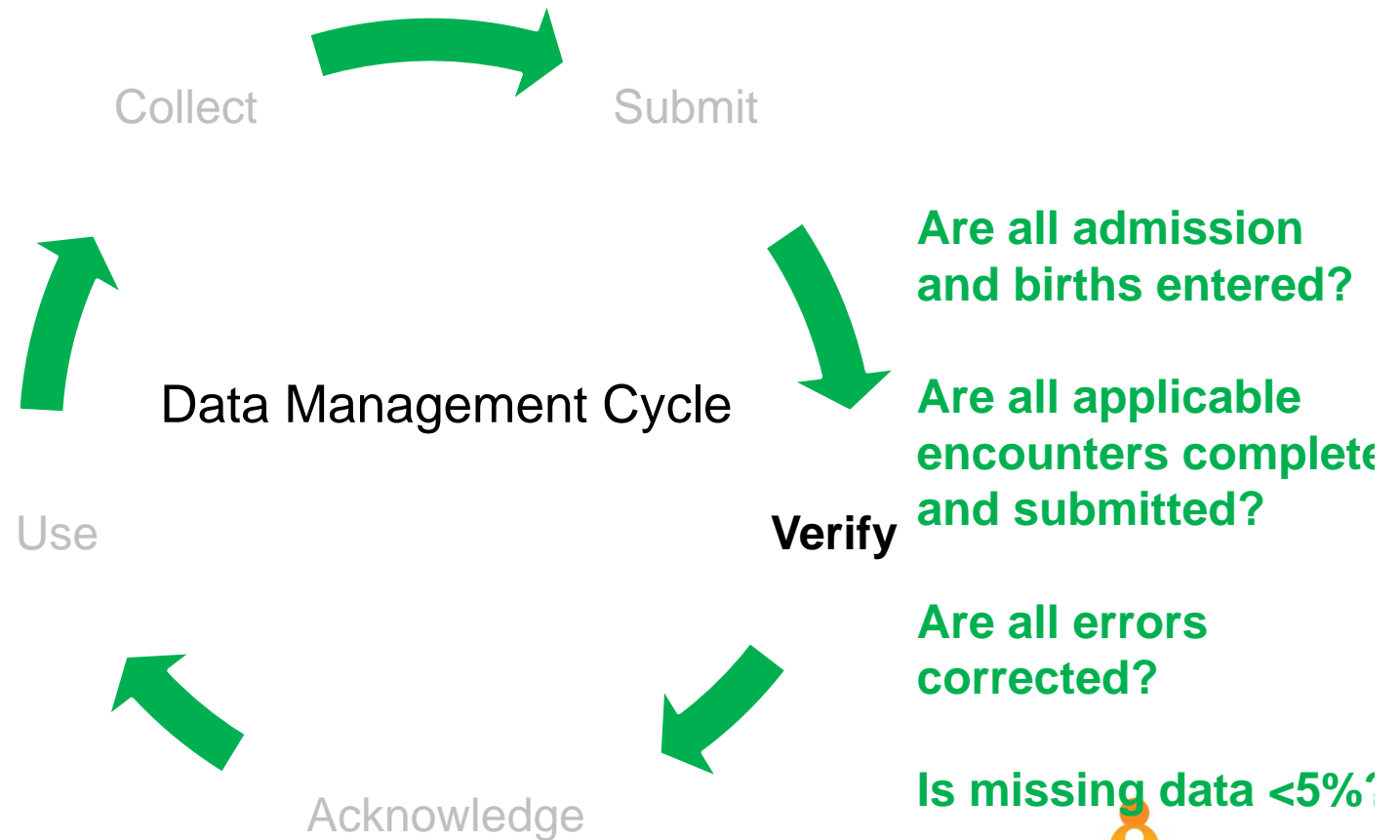
# Data Quality Management

Submitting organization undertakes data quality activities at each point in the cycle



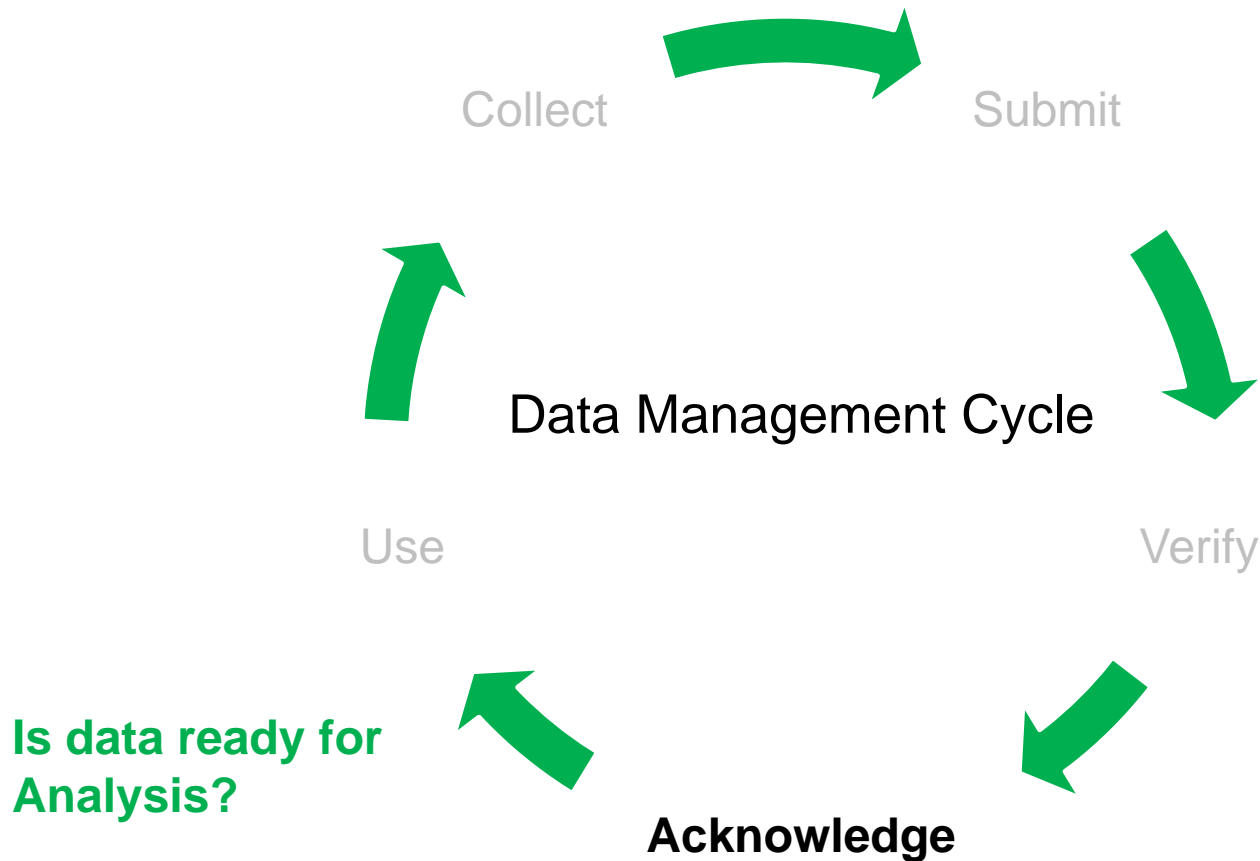
# Data Quality Management

Submitting organization undertakes data quality activities at each point in the cycle



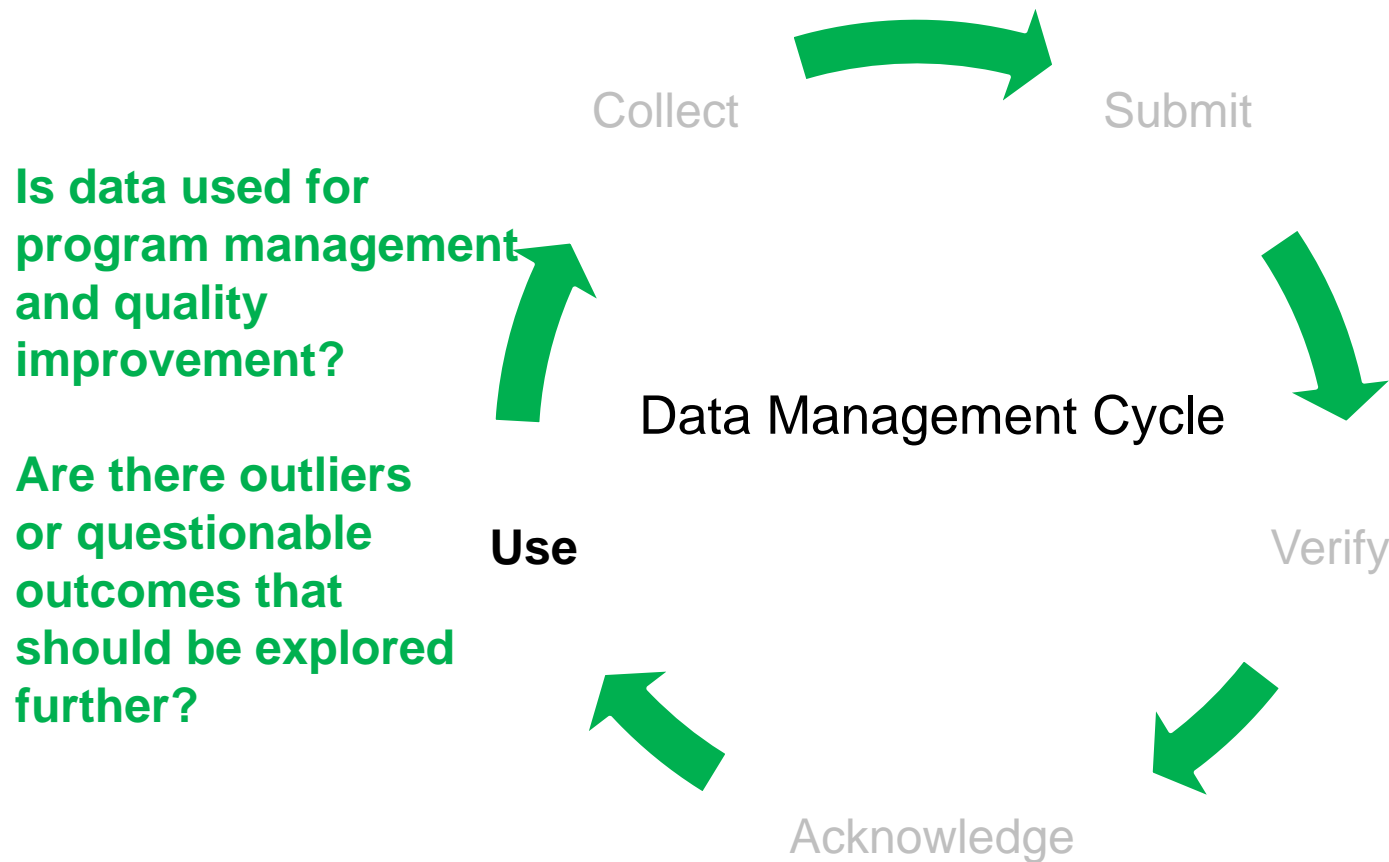
# Data Quality Management

Submitting organization undertakes data quality activities at each point in the cycle



# Data Quality Management

Submitting organizations undertakes data quality activities at each point in the cycle





# Data Quality Management - Who

---

- BORN Sponsor designates most responsible person(s)
- DQM activities are site specific
- Team approach is effective
- Activities are dependent on program type, birth/admission volumes, resources and current data quality status
- Goal: to submit timely, complete, accurate, reliable and usable data

# Data Quality Management- Verify

---

- Use Data Quality Reports to identify issues to be corrected
  1. **Reconciliation Reports** help to verify all admissions/births/transfers & discharges
  2. **Incomplete Reports** identify records that are unlinked, in draft or missing encounters
  3. **Missing Data Reports** illustrate what data is unreliable based on the amount of data that is missing. Allows for comparison with other hospitals
- Resolve data discrepancies
- Perform periodic audits

# Reconciliation reports

---

- Report can be run by selecting time period i.e., daily, weekly, monthly.
- Use daily census report to reconcile
- Use when admissions, births and disposition do not balance
- Maternal Newborn Admissions
  - √ Maternal Admissions
  - √ Maternal Outcomes
  - √ Births
  - √ Neonatal Transfers/Discharges
- NICU/SCN
  - √ Admission
  - √ Transfers/Discharges



# Incomplete Records

---

- ✓ Confirm total number of admissions/births and discharges
- ✓ Create and submit encounters that should have been created
- ✓ Submit encounters that have not been submitted
- ✓ Correct discrepancies
- ✓ Contact your Born Regional Coordinator if you need assistance



# Missing Data

---

- Identify where missing data exceeds
  - >30 %
  - 10 to 30%
  - 5-10%
- Compare data quality with other organizations
- Identify root cause of issue
- Showcase own success and learn from others success
- Develop data quality improvement initiatives



# Data Quality Management- Acknowledge

---

- Data is acknowledged monthly
- **Month End Acknowledgement** is done when:
  - √ Corrections are completed
  - √ Discrepancies are resolved
- Clinical reports can be run when the data is acknowledged
- Acknowledge 2011/12 data by June 15/2012

# BORN Reporting



## Reporting

- Home
- Clinical Reports
- Administrative Reports**

### Data Quality Reports

Click on a Report Name link to view the report

Report Name	Description
<a href="#">Incomplete Infant Record</a>	Incomplete Infant Record Report
<a href="#">Incomplete Maternal Record</a>	Incomplete Maternal Record Report
<a href="#">Month End Acknowledgement - All Organizations</a>	Month End Acknowledgement (All Orgs)
<a href="#">Reconciliation - NICU/SCN</a>	NICU SCN Reconciliation Report
<a href="#">Reconciliation - Maternal and Newborn</a>	Maternal Newborn Reconciliation Report

### Analysis Reports

Click on a Report Name link to view the report

Report Name	Description
No records to display.	

# Access to Data Quality Reports

---

- Local administrators manage access to reports
- Identify Data Quality Management people
- Data Quality Reports – Administrative Reports
- Assign privileges – Release May 9<sup>th</sup> 2012





## Create User

\* fields are mandatory

User ID \*:  Prefix \*:

Given Name \*:  Middle Name:  Family Name \*:

Job Title \*:

Email Address :

Telephone 1 \*:  Telephone 2:

- The password cannot contain the users account name or parts of the users full name that exceed two consecutive characters
- The password must be at least 6 characters in length
- The password must contain characters from three of the following – Uppercase/Lowercase/Number/Non-Alphabetic Characters

Password \*:  Confirm Password \*:

Is Active \*:  Yes  No

Is RSA User :

Organization: Mount Sinai Hospital

Please specify the user's role within this organization.

Roles:

- Hospital Data Analysis – Administrative reports
- Hospital Data Analysis – Clinical reports
- Hospital Data Analysis – Standard reports
- Hospital Data Analysis – Standard reports Antenatal Specialty
- Hospital Data Analysis – Standard reports NICU
- Hospital Data Entry - Antenatal Specialty
- Hospital Data Entry – Antenatal General
- Hospital Data Entry – Birth (Mother and Child)
- Hospital Data Entry – Labour
- Hospital Data Entry – NICU
- Hospital Data Entry – NICU Follow-up
- Hospital Data Entry – Post Partum (Mother and Child)
- NIDAY File Conversion Tool
- Organization Data Upload
- Organization Local Administration
- Organization queue management ( L&M only)
- Organization queue management ( Upload only)

Assign report privileges to a new user or an existing user

# Training Guides

---

- Registration Login, User Self Management – Training Guide [http://www.bornontario.ca/\\_documents/Training%20PPT/BORN%20-%20Registration%20Login%20User%20Self-management\\_%20-%20Training%20Guide\\_FINAL.pdf](http://www.bornontario.ca/_documents/Training%20PPT/BORN%20-%20Registration%20Login%20User%20Self-management_%20-%20Training%20Guide_FINAL.pdf) (under POWER POINT PRESENTATIONS)
- BORN Reporting – Training Guide <http://www.bornontario.ca/data/born-information-system/hospital-deployment> (under POWER POINT PRESENTATIONS)
- Training Video – BORN Training Module 10 Reporting  
(under ON-LINE TRAINING VIDEOS) - Available May 4 th  
<http://www.bornontario.ca/data/born-information-system/hospital-deploymentand> on the BORN Ontario Members Login page  
<https://my.bornontario.ca> (under “View BORN Training Videos”).

# BORN Coordinator DQM Role

---

- Education, training and communication
- Monitor participation
  - Current with data entry
  - Verifying and correcting data
  - Month end acknowledgement
- Identify areas for improvement
- Facilitate data quality improvement initiatives
- Facilitate data use

# Questions?

---



[www.BORNOntario.ca](http://www.BORNOntario.ca)  
[info@BORNOntario.ca](mailto:info@BORNOntario.ca)

Barbara Chapman  
Quality Management Specialist  
[bchapman@BORNOntario.ca](mailto:bchapman@BORNOntario.ca)  
905-580-1637