

ILPQC BASIC REDCAP Data Training



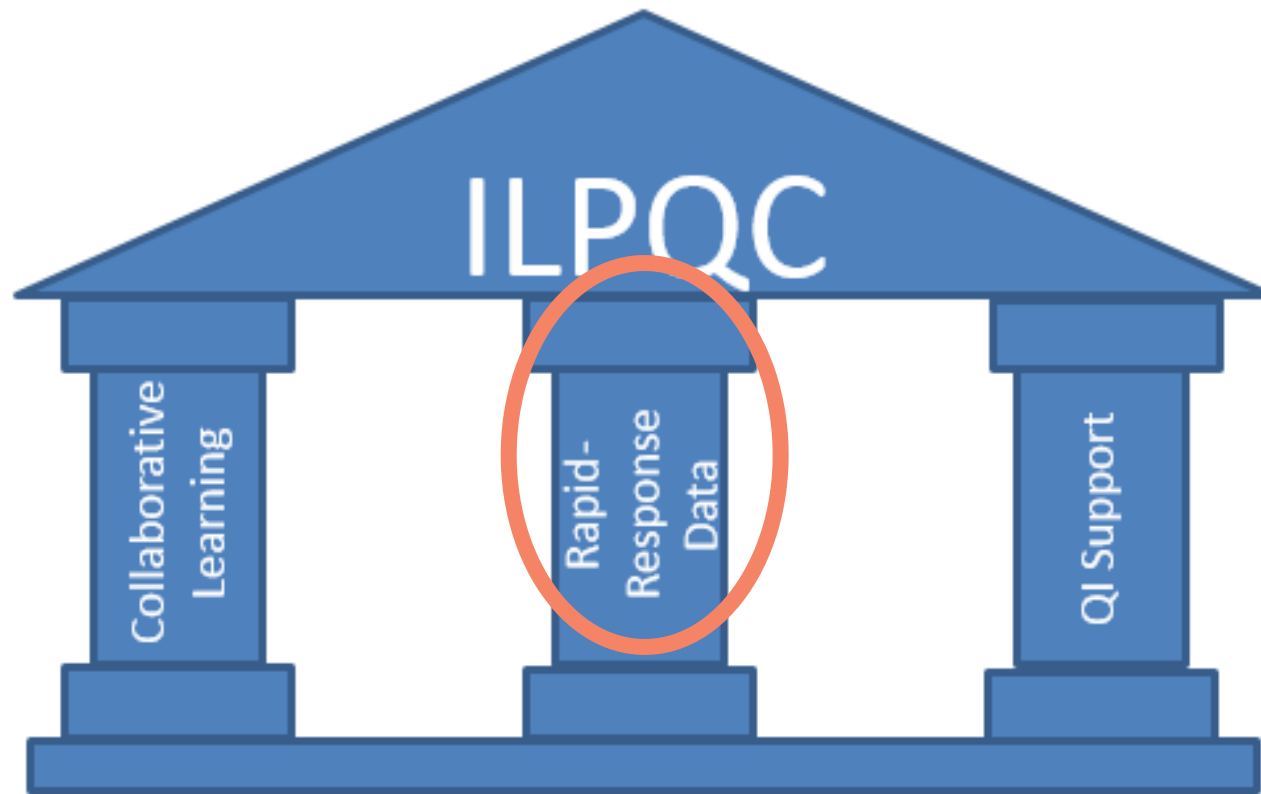
Data has a better idea

Call Overview

- What is the ILPQC Data System (REDCap)?
- Accessing REDCap
- Overview of ILPQC BASIC Data Collection Strategies
- Live REDCap demo
- Data Collection Strategies Examples
 - Matt Derrick, MD, NorthShore University HealthSystem Evanston Hospital
 - Alex Lahart, MD, St. Louis Children's Hospital
- Data Collection Timelines
(Baseline & Prospective Data)
- Questions from you

ILPQC DATA SYSTEM

ILPQC: Three Pillars Support Quality Improvement Success



REDCap

- REDCap is the platform for data entry
- Currently hosted on a site called “healthInk”
- Rapid-response data
 - A dashboard will be available in early 2021 for teams to quickly review real-time data
 - Upgraded format and tools for hospitals to better use their data

Data is yours!

- ILPQC manages the rapid-response data system (REDCap), but data collection and reporting is **designed for your hospital team**
 - Share success with others at your hospital
 - Review areas that you still need to work on and use data to compel others on your team to work for change
 - Compare your hospital progress over time with aggregate data of all ILPQC BASIC teams

ACCESSING REDCAP

REDCAP ACCESS



- REDCap access will be granted by those identified when you submitted your BASIC team roster
- If you have edits to those who need access, please email dweiss@northshore.org

Key Steps to Access REDCap



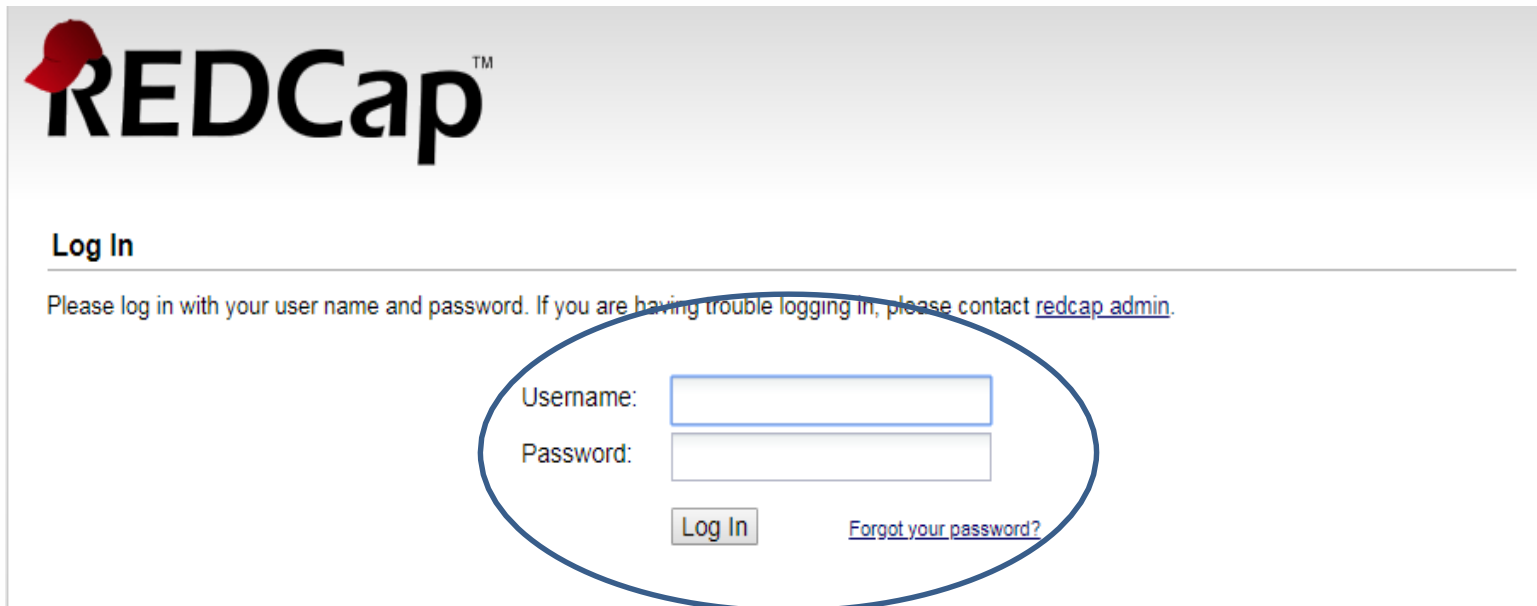
1. Add <https://redcap.healthlnk.org> to your bookmarks bar on your computer
2. Use your username & password to log in. Please email redcap@healthlnk.org or info@ilpqc.org if you have trouble logging in



Also available on
the ILPQC website

REDCap Interface Overview

REDCap Log In Page <https://redcap.healthInk.org>



The screenshot shows the REDCap login interface. At the top left is the REDCap logo, which consists of a red circle with a white 'R' inside, followed by the text 'REDCap' in a bold, black, sans-serif font. Below the logo is the heading 'Log In' in a bold, black, sans-serif font. Underneath the heading is a horizontal line, followed by the text 'Please log in with your user name and password. If you are having trouble logging in, please contact [redcap admin](#).' Below this text are two input fields: 'Username:' and 'Password:'. The 'Username:' field is a white rectangle with a blue border. The 'Password:' field is a white rectangle with a blue border. Below the 'Username:' field is a 'Log In' button, which is a grey rectangle with the text 'Log In' in a black, sans-serif font. To the right of the 'Log In' button is a link that says 'Forgot your password?' in a blue, sans-serif font. A blue oval is drawn around the 'Username:' and 'Password:' fields.

REDCap™

Log In

Please log in with your user name and password. If you are having trouble logging in, please contact [redcap admin](#).

Username:

Password:

[Forgot your password?](#)

REDCap Interface Overview

REDCap Landing Page After Logging in

REDCap “My Projects” Landing Page

REDCap Home My Projects + New Project Help & FAQ Training Videos Send-It Messenger

Welcome to REDCap!

REDCap is a secure web platform for building and managing online databases and surveys. REDCap's streamlined process for rapidly creating and designing projects offers a vast array of tools that can be tailored to virtually any data collection strategy.

REDCap provides automated export procedures for seamless data downloads to Excel and common statistical packages. REDCap also includes a project calendar, a scheduling module, and other features, such as branching logic, file uploads, and more.

Learn more about REDCap by watching the video. If you would like to view other quick videos or need more information about its features, please see the [Training Videos](#).

NOTICE: If you are collecting data for a project, you must obtain review and approval of the project by the Institutional Review Board (IRB) before you begin data collection.

If you require assistance or have an account, please contact your system admin.

My Projects Organize Collapse All Filter projects by title

Project Title	PID	Records	Fields	Instruments	Type	Status
BASIC 2020 (3)						
BASIC Statewide QI Roster	100	62	73	1 survey	■	✓
BASIC Toolkit Feedback	119	2	32	1 survey	■	✓
BASIC Monthly Newborn Data Form	122	0	59	1 form	■	✓
MNO OB & Neo (6)						
Face-to-Face (4)						
PVB 2020 (5)						
IPLARC & IPAC (6)						
Annual Conference Surveys (8)						
Hypertension (7)						
Golden Hour (2)						
Birth Equity 2020 (1)						

Participating in multiple ILPQC Initiatives?



proj-coordinator | My Profile | Log out

Home My Projects Request New Project Training Resources Help & FAQ Send-It

Listed below are the REDCap projects to which you currently have access. Click the project title to open the project. Newly created projects begin in **Development status** as you begin to build and design them. When you are ready to begin entering real data in the project, you may move it to **Production status** to designate the project as officially collecting data. When you are finished collecting data or if you wish to stop collection, the project may be set to **Inactive status**, although it may be brought back to Production status at any time when you are ready to begin collecting data again. Also listed is the project type, which designates if the project is in **classic** or **longitudinal** data collection format.

You last accessed the User Access Dashboard 317 days ago. It is recommended that you access the User Access Dashboard at least once a month to review which users still have access to your projects.

My Projects

Organize

Project Title	Records
ILPQC Early Elective Delivery Initiative	Loading..
ILPQC Birth Certificate Initiative	Loading..
ILPQC Golden Hour	Loading..
ILPQC Severe Hypertension Data Form	Loading..
ILPQC AIM Yearly Measures	Loading..
ILPQC AIM Quarterly Measures	Loading..
ILPQC Severe HTN Implementation Checklist	Loading..
ILPQC Severe Maternal HTN Compliance Form	Loading..
ILPQC MNO OB/Neo Monthly Mothers with OUD and Opioid-Exposed Newborns Data Form	Loading..
ILPQC Golden Hour Sustainability	Loading..
ILPQC MNO OB Quarterly Structure Measures	Loading..
ILPQC IPLARC	Loading..
ILPQC MNO Neo Quarterly Structure Measure	Loading..
ILPQC MNO OB Monthly Sample of Documentation of OUD Screening	Loading..
ILPQC MNO OB Monthly Sample of Opioid Prescribing & ILPMP Lookup	Loading..

Home My Projects Request New Project Training Resources Help & FAQ Send-It

Listed below are the REDCap projects to which you currently have access. Click the project title to open the project. Newly created projects begin in **Development status** as you begin to build and design them. When you are ready to begin entering real data in the project, you may move it to **Production status** to designate the project as officially collecting data. When you are finished collecting data or if you wish to stop collection, the project may be set to **Inactive status**, although it may be brought back to Production status at any time when you are ready to begin collecting data again. Also

Organize Projects

Project Folders are a way to organize the projects on your My Projects page by putting them into groups. You may create new folders below and then assign your projects to them on the right. A project can be assigned to multiple folders at the same time. To reorder your folders, you can drag and drop them in the left-hand table. Note: Only you can see your folders; they are for your own personal organization.

STEP 1: Create Folders

My Folders

MNO

Add

No folders created. Add one above.

STEP 2: Assign Projects To Folders

--- Select a folder ---

- ☐ Hide projects already assigned
☒ Hide archived projects

ILPQC BASIC DATA FORMS OVERVIEW

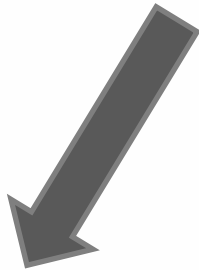
What We'll Review for Each Data Form



- **Who** to collect data on
- **How** to find the data
- **How** to submit data into REDCap
- **When** & how often to submit data

BASIC Data Collection

There are 2 parts to monthly data collection



Patient-level Data



Hospital-level Data

BASIC Data Collection



Patient-level Data

ILPQC Babies Antibiotic Stewardship Improvement Collaborative (BASIC) Monthly Newborn Data Form	
Data Collection Instructions: <ul style="list-style-type: none"> Please collect data on all newborns of all gestational ages receiving any intravenous (IV) antibiotics within the first 72 hours of life. Exclude newborns requiring surgical procedures or antibiotics for surgical prophylaxis within the first 72 hours of life. If a newborn that receives any intravenous (IV) antibiotics within the first 72 hours of life is transferred, the receiving hospital will submit data on the newborn and should request from the transferring hospital any information pertinent to completion of the data form. Data will be submitted monthly for all newborns born that month who meet the following definition. Data should be submitted by the 15th of the month for the previous month. 	
REDCap Identifiers	
REDCap Record ID	REDCap Record ID: _____ (automatically generated)
Hospital ID Number	Hospital ID Number: _____
A. Maternal Demographics	
1. Maternal Age	Maternal Age: _____
2. Type of Delivery	<input type="checkbox"/> Vaginal <input type="checkbox"/> Cesarean section without labor <input type="checkbox"/> Cesarean section with labor
B. Infant Demographics	
3. Location of initial admission	<input type="checkbox"/> Neonatal Intensive Care Unit (Level 3/4) <input type="checkbox"/> Immediate Care/Special Care Nursery (Level 2/2E) <input type="checkbox"/> Newborn Nursery (Level 1)
4. Date of Birth (MM/DD/YYYY)	Date of Delivery ____/____/____
5. Time of Birth (h:mm:ss)	Time of Birth ____:____:____
6. Gestational age at birth (weeks, 0-44)	Gestational age, weeks: _____
7. Gestational age at birth (days, 0-6)	Gestational age, days: _____
8. Birth Weight (grams)	Birth weight: _____
9. Insurance Status	<input type="checkbox"/> Medicaid/Public <input type="checkbox"/> Private



Hospital-level Data

ILPQC BASIC Monthly Structure Measures Data Collection Form	
REDCap Study Identifiers	
1. REDCap Record ID	REDCap Record ID: _____ (automatically generated)
2. Hospital ID Number	Hospital ID Number: _____
3. Please select the time period for this quarterly data:	<input type="checkbox"/> Baseline (Oct -Dec 2020) <input type="checkbox"/> January 2021 <input type="checkbox"/> February 2021 <input type="checkbox"/> March 2021 <input type="checkbox"/> April 2021 <input type="checkbox"/> May 2021 <input type="checkbox"/> June 2021
Data Monitoring, Transparency, and Stewardship Infrastructure	
Total number of newborns admitted <35 weeks gestation this month (excluding newborns requiring surgical procedures or antibiotics for surgical prophylaxis within the first 72 hours of life): _____	
Total number of newborns admitted <35 weeks gestation this month transferred out month (excluding newborns requiring surgical procedures or antibiotics for surgical prophylaxis within the first 72 hours of life): _____	
Total number of newborns born at <35 G/7 weeks gestation this month (excluding newborns requiring surgical procedures or antibiotics for surgical prophylaxis within the first 72 hours of life): _____	
Total number of newborns born at <35 G/7 weeks gestation this month transferred out (excluding newborns requiring surgical procedures or antibiotics for surgical prophylaxis within the first 72 hours of life): _____	
Total number of newborns born at <35 weeks gestation this month that had a blood culture drawn within 72 hours of birth? _____	
4. Hospital has implemented a process for standardized education for healthcare team on neonatal antibiotic stewardship best practices and equitable care	<input type="checkbox"/> Haven't started <input type="checkbox"/> Working on it <input type="checkbox"/> In place
At the end of this month, cumulative proportion of neonatal/pediatric providers educated on neonatal antibiotic stewardship best practices and equitable care	<input type="checkbox"/> 10% <input type="checkbox"/> 20% <input type="checkbox"/> 30% <input type="checkbox"/> 40% <input type="checkbox"/> 50% <input type="checkbox"/> 60% <input type="checkbox"/> 70% <input type="checkbox"/> 80% <input type="checkbox"/> 90% <input type="checkbox"/> 100%
5. At the end of this month, cumulative proportion of neonatal/pediatric nurses educated on neonatal antibiotic stewardship best practices and equitable care	<input type="checkbox"/> 10% <input type="checkbox"/> 20% <input type="checkbox"/> 30% <input type="checkbox"/> 40% <input type="checkbox"/> 50% <input type="checkbox"/> 60% <input type="checkbox"/> 70% <input type="checkbox"/> 80%

1. BASIC Monthly Newborn Data Form



BASIC Monthly Patient-level Data Collection



- Please collect data on all newborns of all gestational ages receiving any intravenous (IV) antibiotics within the first 72 hours of life.
- Exclude newborns requiring surgical procedures or antibiotics for surgical prophylaxis within the first 72 hours of life.
- Data will be submitted monthly for all newborns born that month who meet the following definition. Data should be submitted by the 15th of the month for the previous month.

Identifying Newborns for Monthly Data (Here's Help!



- Strategies for identifying newborns receiving antibiotics
 - Engage pharmacy to run reports on newborns receiving antibiotics
 - Engage microlab to identify newborns who had a culture to identify antibiotic use
 - Chart review
 - Neonatal logs
 - Key word searches in EMR
 - Billing codes

Billing Codes



Newborns on antibiotics notated in problem list if cultures are **negative**:

- Z05.01 'Observation and evaluation of newborn for suspected infectious condition'
- P00.89 'Newborn (suspected to be) affected by other maternal conditions'

Billing Codes



Newborns on antibiotics notated in problem list if cultures are **positive** (CDC):

P36 Bacterial sepsis of newborn Notes : Includes : Use Additional Code :Excludes2 :

P36.0 Sepsis of newborn due to streptococcus, group B Notes : Includes : Use Additional Code :Excludes2 :

P36.1 Sepsis of newborn due to other and unspecified streptococci Notes : Includes : Use Additional Code :Excludes2 :

P36.10 Sepsis of newborn due to unspecified streptococci Notes : Includes : Use Additional Code :Excludes2 :

P36.19 Sepsis of newborn due to other streptococci Notes : Includes : Use Additional Code :Excludes2 :

P36.2 Sepsis of newborn due to Staphylococcus aureus Notes : Includes : Use Additional Code :Excludes2 :

P36.3 Sepsis of newborn due to other and unspecified staphylococci Notes : Includes : Use Additional Code :Excludes2 :

P36.30 Sepsis of newborn due to unspecified staphylococci Notes : Includes : Use Additional Code :Excludes2 :

P36.39 Sepsis of newborn due to other staphylococci Notes : Includes : Use Additional Code :Excludes2 :

P36.4 Sepsis of newborn due to Escherichia coli Notes : Includes : Use Additional Code :Excludes2 :

P36.5 Sepsis of newborn due to anaerobes Notes : Includes : Use Additional Code :Excludes2 :

P36.8 Other bacterial sepsis of newborn Notes : Includes : Use Additional Code :Excludes2 :

P36.9 Bacterial sepsis of newborn, unspecified

How to submit data into Redcap



Please see screen for REDCap tutorial for:

BASIC Monthly Newborn Data Form

*This session is being recorded and will be posted on www.ilpqc.org

When and how often to submit the data



	Monthly Data Patient-Level
Data Collection Form(s) Name	BASIC Monthly Newborn Data Form
Baseline Time Period	October – December 2020 (Quarter 4)
Baseline Due Date	January 31, 2021
Prospective Data Collection Start	January 1, 2021
Prospective Data Due Date	January 2021 due February 28 th 2021 15 th of the month for future months
Who/what are we collecting data on?	Newborns of all gestational ages receiving antibiotics within 72 hrs of life

BASIC Monthly Patient-level Data Collection



- Please collect data on all newborns of all gestational ages receiving any intravenous (IV) antibiotics within the first 72 hours of life.
- Exclude newborns requiring surgical procedures or antibiotics for surgical prophylaxis within the first 72 hours of life.
- **If a newborn that receives any intravenous (IV) antibiotics within the first 72 hours of life is transferred, the receiving hospital will submit data on the newborn and should request from the transferring hospital any information pertinent to completion of the data form.**
- Data will be submitted monthly for all newborns born that month who meet the following definition. Data should be submitted by the 15th of the month for the previous month.

2. BASIC Monthly Hospital-Level Data Form



BASIC Monthly Hospital-level Data Collection



- Hospital-Level Measures: Hospital policies, protocols, and educational curriculum for providers, staff, and patients
- It is important to build a foundation with hospital-level (structure) measures to standardize systems & drive optimal care
- This is how you start planning for sustainability at the onset



How to find the data



- Use baseline readiness survey to identify where your team is at to start
- Track monthly hospital measures at your hospitals monthly BASIC QI team meetings to monitor progress

How to submit data into REDCap



Please see screen for REDCap tutorial for:

BASIC Monthly Hospital Data Form

*This session is being recorded and will be posted on www.ilpqc.org

When and how often to submit the data



	Monthly Hospital Measures
Data Collection Form(s) Name	BASIC Monthly Hospital Data Form
Baseline Time Period	October – December 2020 (Quarter 4)
Baseline Due Date	January 31, 2021
Prospective Data Collection Start	January 1, 2021
Prospective Data Due Date	January 2021 due February 28 th 2021 15 th of the month for future months
Who/what are we collecting data on?	Track your QI work: patient and provider education, protocol implementation, mapping resources, process flow etc.

Data Collection Strategies: Learning from Wave 1 Hospitals

Wave 1 Data Collection Strategies



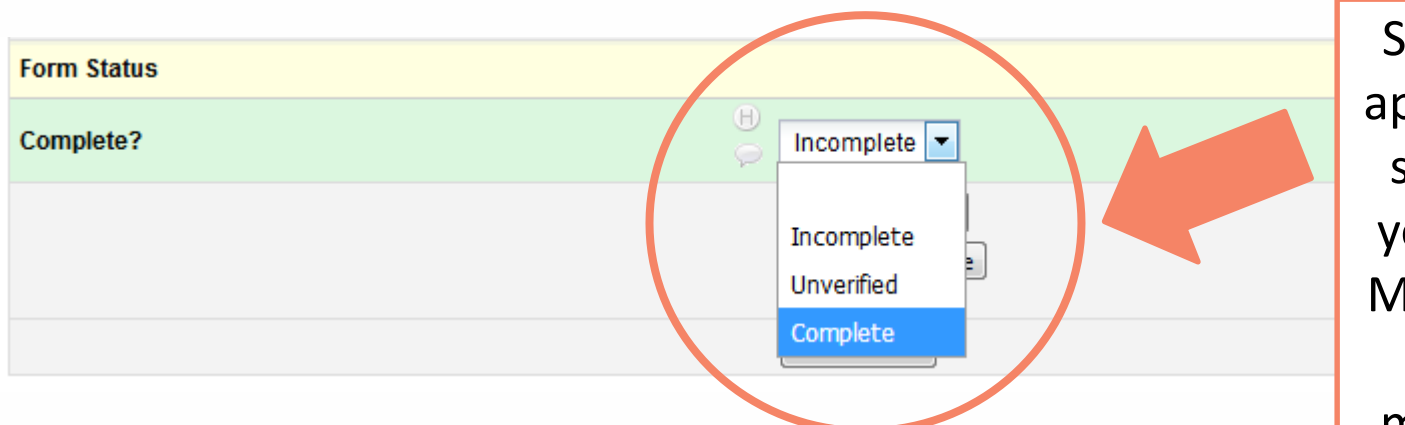
- Matt Derrick, MD, NorthShore University HealthSystem Evanston Hospital
- Alex Lahart, MD, St. Louis Children's Hospital

Additional Information

Avoid Common Data Entry Mistakes

- Make sure you enter the correct hospital ID
- Do not enter a patient's medical record number
- Make sure to select the appropriate dates
- Questions asking about time are on a 2400 clock
- If you do not know your hospital ID, please email dweiss@northshore.org

Close Out and Save the Form



Form Status

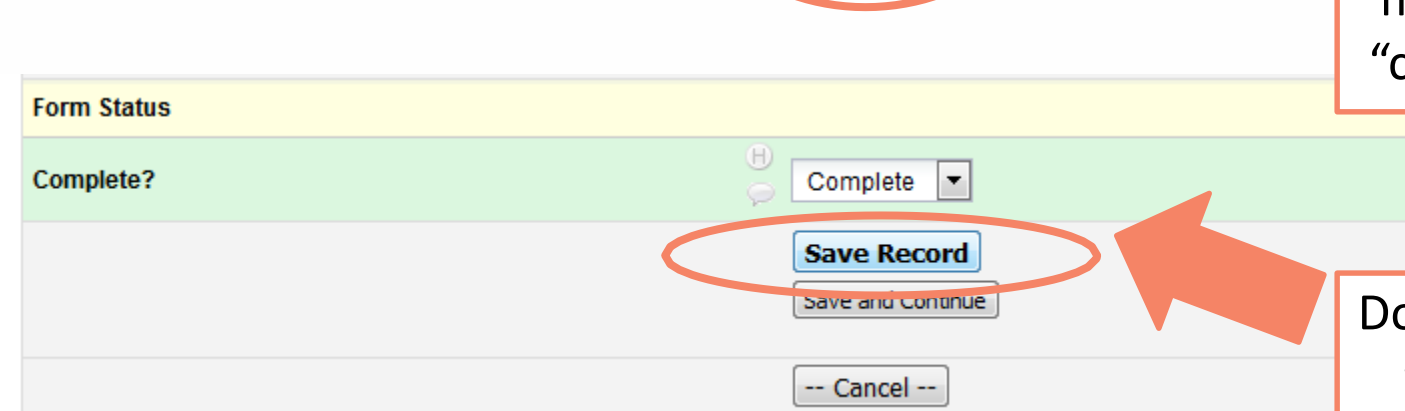
Complete?

Incomplete

Incomplete

Unverified

Complete



Form Status

Complete?

Complete

Save Record

Save and Continue

-- Cancel --

Select the appropriate status for your form. Most forms will be marked as “complete”

Don't forget to save!

Helping you use your data for BASIC success

Coming
Soon!!!

Perinatal
Quality Collaborative

We are SO excited to introduce a new data dashboard to optimize your monthly data review

Overall Antibiotics prescribing rate with improved hospital comparison

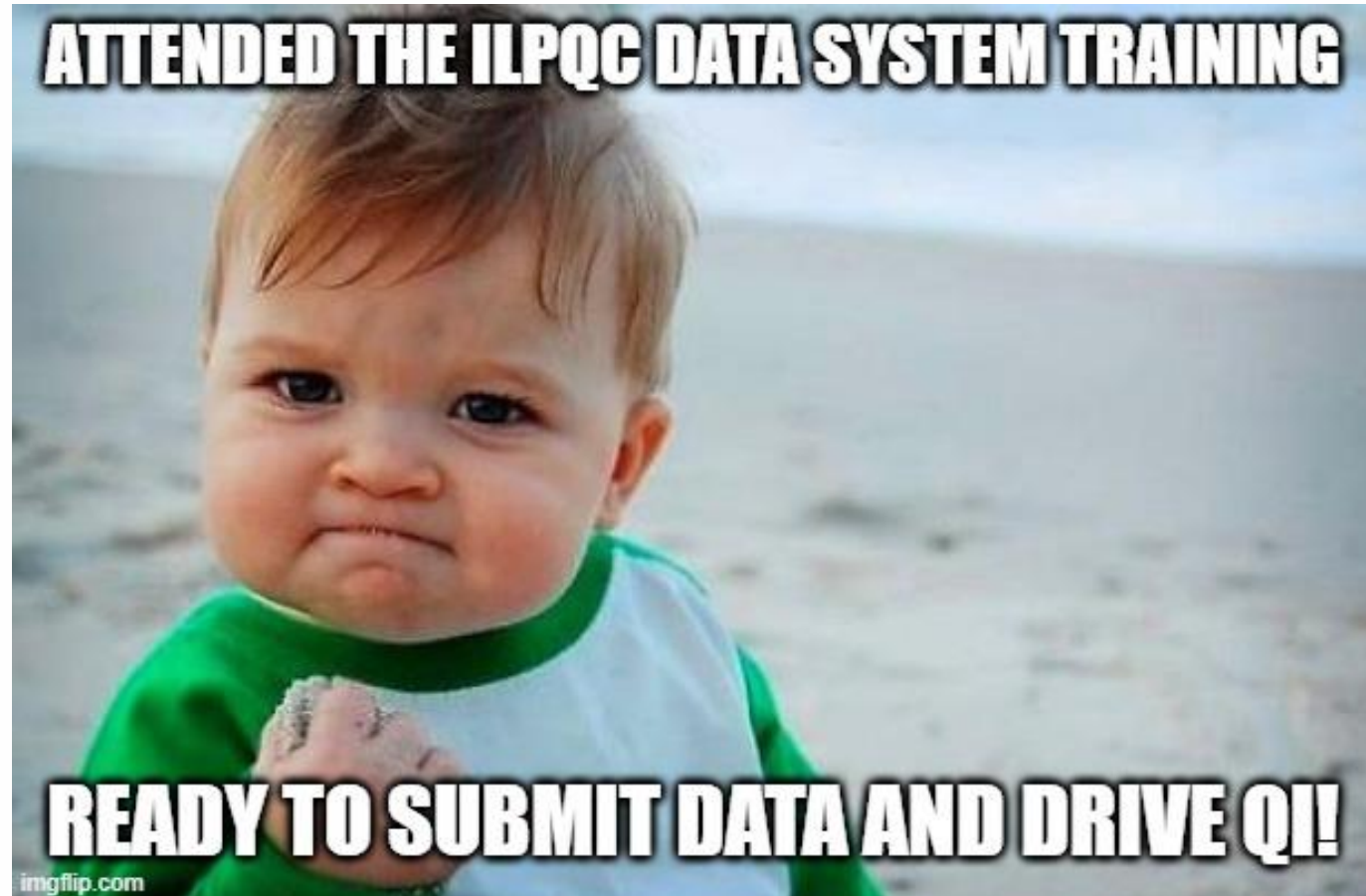
Monthly summary of key performance measures

Race/Ethnicity Comparisons



Access to real time data allows your hospital to see the effects of QI strategies and drive QI efforts.

Questions?



BASIC Webinars



Date	Topic
November 2020	2x Data Training Webinar offerings 11/18 (11am-12pm) & 11/30 (10am-11am)
December 21, 2020 1-2pm	BASIC Initiative Launch Call
2021 Monthly Webinars	Monthly BASIC Teams Calls (3rd Monday of Month from 1-2pm CST) (Starting January 2021)

BASIC Timeline



November

ILPQC BASIC Data Calls
11/18 11:00am OR 11/30 10:00am

QI Leader
Support Call
Watch Recording

December

Official
Kick-off!
December 21st

Team Webinars
start

Baseline Data
Reporting Begins
(Q4 2020)

January

Baseline Data Reporting due (1/31/2021)

Monthly Data
Reporting Begins

Next Steps

- ✓ Review data form with QI team and begin data collection for baseline Quarter 4 2020 (October – December 2020).
- ✓ Data Forms opened December 1st, 2020 for those who had requested REDCap access.
- ✓ Add info@ilpqc.org & dweiss@northshore.org to your “Safe Sender List”
- ✓ Email info@ilpqc.org or dweiss@northshore.org with any questions.