Indiana HRET HIIN Improvement Calculator Demo Webinar
January 4, 2018
3 – 4 p.m. ET
HIIN Improvement Calculator

• A tool to assist with data analysis
  – Individual measure
  – Harm Across the Board: method of looking at the number of Harms/Discharge
  – Utilizes data from HRET’s Comprehensive Data System (CDS)
HIIN Improvement Calculator

• Instructions for the improvement calculator are embedded in the tool and on HRET’s website
• It is recommended to use Excel 2010 and above for best results
• Currently, we are using version 4.2
Go to HRET’s home page at [www.hret-hiin.org](http://www.hret-hiin.org) and select Data
HIIN Improvement Calculator

Instructions and HIIN Improvement Calculator data tutorials are available

Check Out the HIIN Data Tutorials!

HIIN Improvement Calculator Data Tutorials

Data Collection Fact Sheets

Download the EDM

NHSN Group Instructions

Watch a Past Data Webinar

The HRET HIIN Data Team looks forward to working with you!
Step 1

- Download Improvement Calculator from: [http://www.hret-hiin.org/resources/display/hiin-improvement-calculator](http://www.hret-hiin.org/resources/display/hiin-improvement-calculator)

- Click on “Download Now” to download Improvement Calculator tool
Step 2

- Go to [https://www.hretcds.org/](https://www.hretcds.org/) and login
- Click on “Reports” then “Basic Items” – See image for assistance identifying
- Your hospital’s information should appear at this point
- Make sure “Export All Data” is highlighted on the bottom left, then click “Export to Excel” to gather all of your hospital’s data
Step 3

- Click on Cell A2 (Row: 2 Column: A)
- Select all data from this cell (Can do this by holding down Ctrl + Shift + End)
- After all of the information is highlighted, copy this data (can do by Ctrl + C or right click copy) (make sure the headers aren’t included in the copied information)
After copying data from your hospital, open the Improvement Calculator and click on the Data Load tab on the bottom.

Click on the cell where it says “Paste Data Starting in this cell” and paste the copied data.
Step 5

- Your hospital’s data should appear in the table following step 4
- From here, click the “Refresh All” button on the top of the screen
- This process may take up to 5 minutes for completion depending on the amount of data being submitted
- Once the data points appear, click on the “Summary Table” tab on the bottom of the screen
• This tab shows the goal progressions of the quality measures within the HIIN Project

• If data doesn’t appear, refresh the data at the same location as the previous slide
Additional Tabs - Dashboard

- This tab allows the user to visualize the trends of measures and how hospitals are doing.
- It breaks down Measure rate, Harms Prevented, Rate per Discharge, and Lives Saved.
- Filters allow the user to select specific measures, or incorporate multiple measures to visualize.

IHAconnect.org/Quality-Patient-Safety
Summary Table per Discharge

- This table shows information such as “lives saved” and “costs avoided”
- Helps show the immediate impact made by hospitals by their work with reducing harms
- These numbers are defined on the next “References” tab
Describes in more detail the dollar amounts for each harm and mortality rates for each measure

Shows where each number was derived and refers to articles that contributed to each measures’ harm dollar amount and mortality rate
Total Harms per Discharge

- Summarizes the number of Harms prevented per 1000 discharges
- Table on the top shows the costs avoided and % improvement
- Table on the right shows harms and discharges broken down by month
- Graph shows hospital line in blue, baseline of HIIN project for the hospital in orange, and the goal improvement rate in green line
Methods

- Describes methodology of each column in the tabs show in the Improvement Calculator
- Explains definition of graphs in tabs
- Many different nuances in tables but contain useful information for presentations or visualizations
Questions?

• Specific or general, let us know your HIIN Calculator questions so we can help
• View our updated 2018 Data Submission Calendar
  https://www.ihaconnect.org/Resources/Public/Patient Safety/HIIN/2018 Data Submission Calendar.pdf
IHA Quality & Patient Safety Team

Becky Hancock
Quality & Patient Safety Advisor
317-423-7799
rhancock@IHAconnect.org

Annette Handy
Clinical Director, Quality & Patient Safety
317-423-7795
ahandy@IHAconnect.org

Karin Kennedy
Vice President, Quality & Patient Safety
317-423-7737
kkennedy@IHAconnect.org

Patrick Nielsen
Patient Safety Data Analyst
317-423-7740
pnielsen@IHAconnect.org

Matt Relano
Patient Safety Intern
317-974-1420
mrelano@IHAconnect.org

Cynthia Roush
Patient Safety Project Coordinator
317-423-7798
crouch@IHAconnect.org

Madeline Wilson
Quality & Patient Safety Advisor
317-974-1407
mwilson@IHAconnect.org