









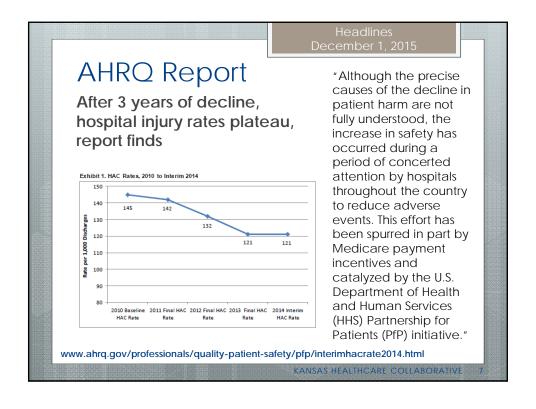
Hospital Engagement Network (HEN 2.0)

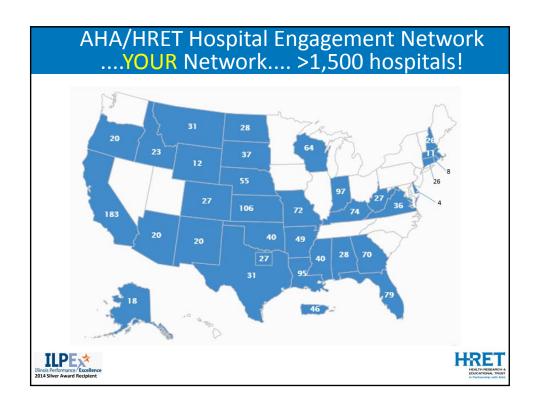
# Core Topics:

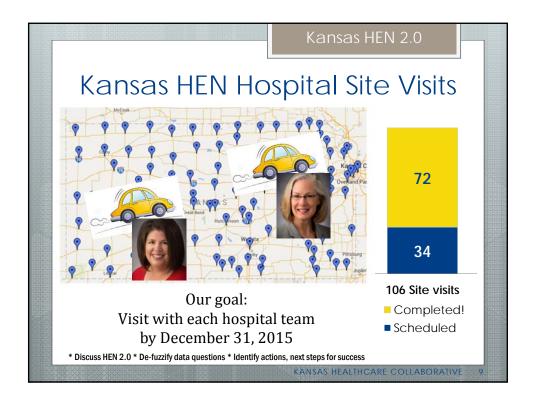
- 1. Adverse Drug Events (ADE)
- 2. Catheter-associated Urinary Tract Infections (CAUTI)
- 3. Central line-associated Blood Stream Infections (CLABSI)
- 4. Early Elective Deliveries and Obstetrical (OB) Harm
- 5. Injuries from Falls and Immobility
- 6. Hospital-Acquired Pressure Ulcers (HAPU)
- 7. Surgical Site Infections (SSI)
- 8. Venous Thromboembolisms (VTE)
- 9. Ventilator Associated Events (VAE)
- 10. Readmissions

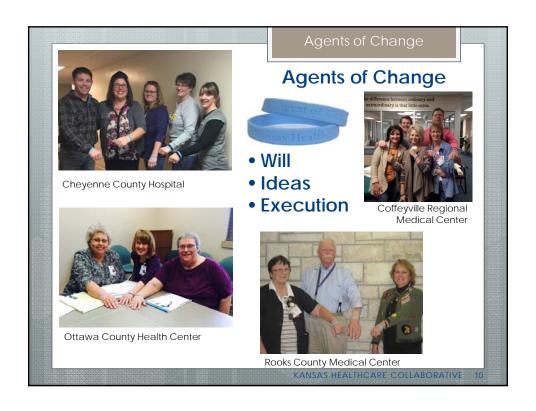
### Other Topics

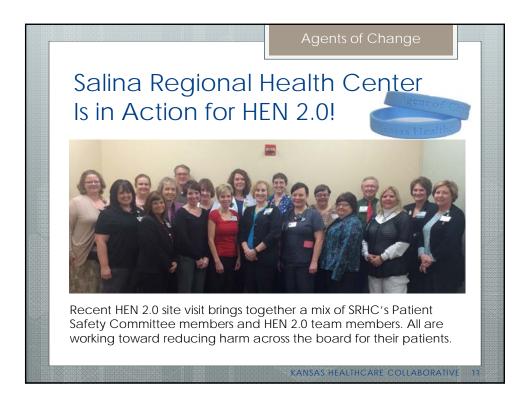
- Sepsis
- C-Difficile
- Culture of Safety
- Failure to Rescue











Hospital Engagement Network (HEN 2.0)

# HRET HEN Action Leader Fellowship

Lead by Institute for Healthcare Improvement

December 16, 2015 January 13, 2016 February 17, 2016

Two tracks:

**Foundational** 

**Experienced** 

11:00 a.m. to 12:00 pm

12:30 to 1:30 p.m.

 $\label{eq:register} \textbf{Register at } \underline{www.hret-hen.org}.$ 

Go to "Upcoming Events" tab.

Patient Safety Immersion Initiative



# **Patient Safety Immersion Initiative**

Six awards to be granted by KHC. \$1,000 value per award

Submit expression of interest to Kansas Healthcare Collaborative by February 1, 2016

Use this form to apply: www.khconline.org/files/NPSF-KansasHEN-fillable-form.pdf

KANSAS HEALTHCARE COLLABORATIVE

Patient Safety Immersion Initiative

# Patient Safety Immersion Initiative Components

- Community
  - One-year membership in American Society of Professionals in Patient Safety
- Education
  - NPSF Online Patient Safety Curriculum
  - NPSF Online CPPS Review Course
- Professional Advancement Certification for Professionals in Patient Safety (CPPS)
  - Practice Test
  - CPPS Credentialing Examination



Patient Safety Immersion Initiative

# NPSF Online Curriculum

- 1. The Science of Patient Safety
- 2. Advancing Patient Safety through Systems Thinking and Design
- 3. Identifying and Mitigating Patient Safety Risk
- 4. Establishing a Patient Safety Culture
- 5. Increasing Safety Awareness and Practice among Clinicians and Staff
- 6. Strategies for Engaging Executive and Clinical Leaders
- 7. Principles and Strategies for Patient and Family Engagement
- 8. Methods for Measuring Performance and Clinical Outcomes
- 9. The Role of Health Information Technology in Patient Safety
- 10. The National Landscape: Policy, Regulation and the Environment



www.npsf.org

KANSAS HEALTHCARE COLLABORATIVE

# Kansas HEN Data and Measures Update Update: Measures HEN 2.0 Baseline Data Submission Schedule Data Reports NHSN & QHi Rob Rutherford Senior Data Analyst Kansas Healthcare Collaborative

Kansas HEN Data Report

# Measure Changes

Stage II+ Pressure Ulcers:

■ Was previously a new measure (all ages). Has since reverted to the HEN 1 version (18+)

**OB Massive Transfusions:** 

Was previously any blood products, has been adjusted to match JCO/ACOG definition of "four or more units packed red blood cells"

ANSAS HEALTHCARE COLLARORATIVE

Kansas HEN Data Report

# **Process Measures**

Release of HEN 2.0 process measures and other measures will be released soon.

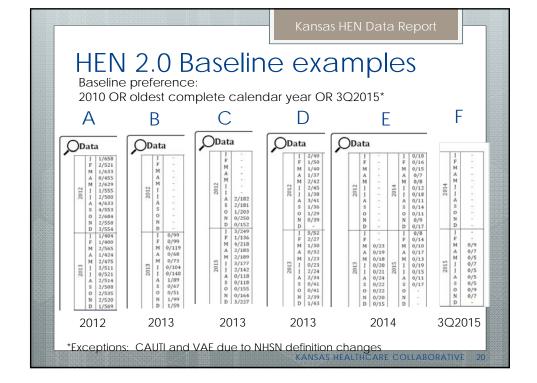
- KHC will notify primary HEN contacts and data contacts as soon as received.
- Kansas HEN Measures Dictionary will be updated and available on our website at www.khconline.org.

Kansas HEN Data Report

# HEN 2.0 Baseline

Your hospital's baseline summary report will be distributed to primary/secondary HEN contacts this week. Please review.

- Reflects the eligible baseline selected for each measure.
  - It is the oldest, most complete calendar year available.
  - Details for preferred baseline periods can be found in the KS HEN 2.0 Measures Dictionary.
- Reflects applicable topics as indicated in the HEN 2.0 needs assessment
- Displays current NHSN group status
- Indicates which measures are missing sufficient data to establish baseline.



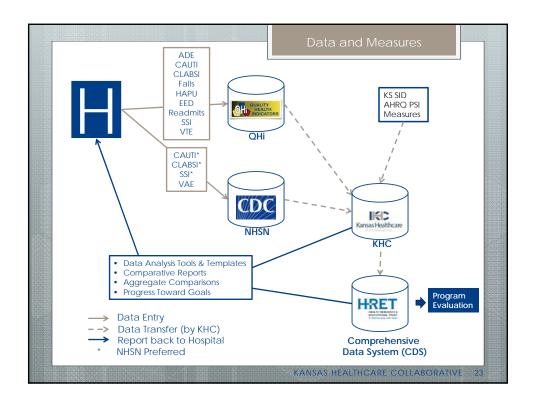
Kansas HEN Data Update

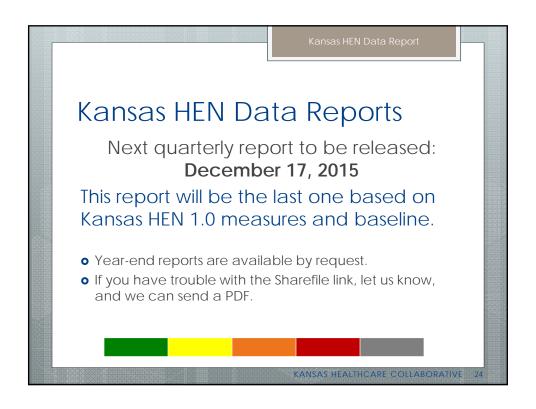
# HEN 2.0 Baseline

- □ The minimum baseline for any measure is 3Q2015 (July September 2015).
- □ Please submit any missing baseline data by December 31, 2015.
- □ If you have concerns about baseline data quality, please contact KHC.

Rob Rutherford <a href="mailto:rrutherford@khconline.org">rrutherford@khconline.org</a> (785) 235-0763 x1326

Kansas hen z	2015-2016	
Data Submis	sion Schedule	
Outcome & Process	Readmissions for index	
Measures for HACs occurring in:	discharges in, and SSI for procedures performed in:	Submission Due
October, 2015	September, 2015	November 30, 2015
November, 2015	October, 2015	December 31, 2015
December, 2015	November, 2015	January 31, 2016
January, 2016	December, 2015	February 28, 2016
February, 2016	January, 2016	March 31, 2016
March, 2016	February, 2016	April 30, 2016
April, 2016	March, 2016	May 31, 2016
May, 2016	April, 2016	June 30, 2016
June, 2016	May, 2016	July 31, 2016
July, 2016	June, 2016	August 31, 2016
August, 2016	July, 2016	September 30, 2016





Kansas HEN Data Report

# NHSN Group(s)

Joining HEN 2.0 KHC NHSN Group: www.khconline.org/files/Instructions\_for\_Joining\_ Hen2\_KHC\_NHSN\_Group.pdf

**Updating** Existing KHC NHSN Group: www.khconline.org/files/Instructions\_for\_Update\_ H2\_KHC\_NHSN\_Group.pdf

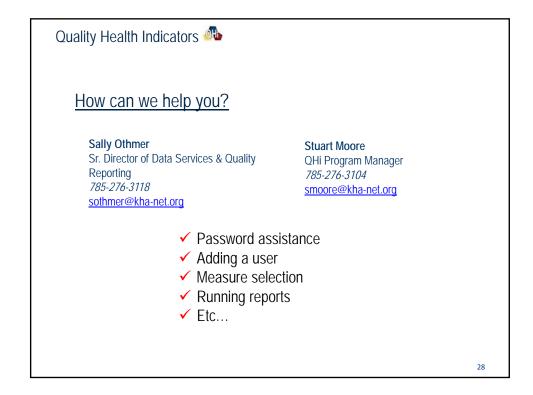
KANSAS HEALTHCARE COLLABORATIVE

Kansas HEN Data Report

# HEN 2.0 measures in QHi

- HEN 2.0 measures are currently in QHi.
- KHC will be selecting appropriate measures based on the needs assessment.
- Please double check!





# Quality Health Indicators 🧆



## What is QHi?

### Entirely User Driven

every measure, definition, calculation, graph, display, and enhancement exists because of user desire and design

### **Voluntary**

a tool to support initiatives relative to Clinical Quality and Financial Viability this project is about improvement, NOT compliance

# Quality Health Indicators 🐠



### Accessing QHi:

- •Provider Contact maintains Provider profile, selects measures, adds users & enters data (1 per
- Provider User enters data and runs reports (no limit)
- View Only views data and runs reports (no limit)
- Report Recipient no access to QHi, only receives reports (no limit)
- ☐ There is no limit to the number of users at each facility.
- ☐ User access is facility specific
- Hospital users that support a clinic can access both with one log in.
- Provider Contacts can reset passwords for users at their facility

# Quality Health Indicators 🧆



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# Quality Health Indicators 4



### Elective Deliveries at >= 37 Weeks and < 39 Weeks - Kansas HEN 1.0(Outcome 1) & HEN 2.0

(Number of elective deliveries / Total number of deliveries with >= 37 and < 39 weeks gestation) x 100 Total number of deliveries with >= 37 and < 39 weeks gestation (denominator). Number of elective deliveries (numerator).

### Massive OB Blood Transfusions - Kansas HEN 1.0 (Outcome 3) & HEN 2.0

[Number of women who received greater than or equal to 4 units of blood products (RBC, FFP, Platelet packs, Cryoprecipitate) used / Number of women giving birth greater than or equal to 20 weeks (birth hospitalization)] x 100

All women giving birth > 20 weeks (birth hospitalizations identified by DRG or diagnosis codes) (denominator). Number of women who received greater than or equal to 4 units of packed red blood cells (numerator).

### Obstetrical (OB) Trauma - Vaginal Delivery with Instrument (AHRQ PSI Measure) - HEN 2.0

(Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any listed diagnosis codes for third and fourth degree obstetric trauma / All vaginal delivery discharges with any procedure code for instrument-assisted delivery)  ${\sf x}$ 

All vaginal delivery discharges with any procedure code for instrument-assisted delivery (denominator)

Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any listed diagnosis codes for third and fourth degree obstetric trauma (numerator)

### OB Trauma - Vaginal Delivery without Instrument (AHRQ PSI Measure) – HEN 2.0

(Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any-listed diagnosis codes for third and fourth degree obstetric trauma / Vaginal deliveries, identified by DRG or MS-DRG code) x 1000

Vaginal deliveries, identified by DRG or MS-DRG code (denominator) Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any-listed diagnosis codes for third and fourth degree obstetric trauma (numerator)

### Pre-Eclampsia - ICU Admissions - HEN 2.0

(Total number of mothers with diagnosis of pre-eclampsia, admitted to the ICU after giving birth / Total number of women giving birth >= 20 weeks with any specified diagnosis code for preeclampsia, severe preeclampsia, or preeclampsia superimposed on

Total number of women giving birth >= 20 weeks with any specified diagnosis code for preeclampsia, severe preeclampsia, or preeclampsia superimposed on preexisting hypertension (denominator)

Total number of mothers with diagnosis of pre-eclampsia, admitted to the ICU after giving birth (numerator)

# Quality Health Indicators 4



### CLABSI

### Central line insertion bundle adherence rate - Kansas HEN 1.0(Process 1) & HEN 2.0

(Number of central line insertions during which all elements of the bundle were followed / Total number of central line insertions) x

Total number of central line insertions (denominator).

Number of central line insertions during which all elements of the bundle were followed (numerator).

Central Line-Associated Bloodstream Infection (CLABSI) Rates - ICUs + Other Inpatient Units (including NICUs) – HEN 2.0 (Total number of observed healthcare-associated CLABSI among patients in bedded inpatient care locations / Total number of central line days for each location under surveillance for CLABSI during the data period) x 1000

Total number of central line days for each location under surveillance for CLABSI during the data period (denominator)

Total number of observed healthcare-associated CLABSI among patients in bedded inpatient care locations (numerator)

### Central Line Utilization Ratio - ICUs + Other Inpatient Units (including NICUs) - HEN 2.0

(Total number of central line days for bedded inpatient care locations under surveillance / Total number of patient days for bedded inpatient care locations under surveillance) x 100

Total number of patient days for bedded inpatient care locations under surveillance (denominator)

Total number of central line days for bedded inpatient care locations under surveillance (numerator)

### Catheter-Associated Urinary Tract Infection (CAUTI) rates, reported separately for ICUs + Other Inpatient Units (excluding NICUs) - HEN 2.0

(Total number of observed healthcare-associated CAUTI amona patients in bedded inpatient care locations / Total number of indwelling urinary catheter days for each location under surveillance for CAUTI during the data period) x 1000

Total number of indwelling urinary catheter days for each location under surveillance for CAUTI during the data period (denominator)

Total number of observed healthcare-associated CAUTI among patients in bedded inpatient care locations (numerator) Urinary Catheter Utilization Ratio - ICUs + Other Inpatient Units (excluding NICUs) - HEN 2.0

(Total number of urinary catheter device days / Total number of patient days) x 100  $\,$ Total number of patient days - ICUs + other inpatient units, excluding NICUs (denominator)

Total number of urinary catheter device days (numerator)

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# Quality Health Indicators 🐠



### Surgical Site Infection (SSI) Rate (within 30 days after procedure) for all surgical procedures - Kansas HEN 1.0 (Outcome 3) (Option 2) & HEN 2.0

(Number of SSIs / Number of surgical procedures) x 100

Number of surgical procedures (denominator)

Number of SSIs (numerator)

### Post-Operative Sepsis (AHRQ PSI Measure) - HEN 2.0

[Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any secondary diagnosis codes for sepsis / Elective surgical discharges, for patients ages 18 years and older, with any listed procedure codes for an operating room procedure (elective surgical discharges are defined by specific DRG or MS-DRG codes with admission type recorded as elective (SID

Elective surgical discharges, for patients ages 18 years and older, with any listed procedure codes for an operating room procedure (elective surgical discharges are defined by specific DRG or MS-DRG codes with admission type recorded as elective (SID ATYPE=3) (denominator)

Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any secondary diagnosis

### Peri-Operative Pulmonary Embolism (PE) or Deep Vein Thrombosis (DVT) Rate (AHRQ PSI Measure) – HEN 2.0

(Number of surgical patients that develop a post-operative PE or DVT / All surgical discharges age 18 and older defined by specific DRGs or MS-DRGs and a procedure code for an operating room procedure) x 1000

All surgical discharges age 18 and older defined by specific DRGs or MS-DRGs and a procedure code for an operating

Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with a secondary ICD-9-CM or ICD-10-CM diagnosis code for deep vein thrombosis or a secondary ICD-9-CM or ICD-10-CM diagnosis code for pulmonary embolism (numerator)

# Quality Health Indicators 🧆



### Readmission within 30 days (All Cause) - Kansas HEN 1.0 (Outcome 2) & HEN 2.0 \*Core Measure\*

(Number of inpatients readmitted for any reason within 30 days / Total number of patients discharged alive) x 100 Total number of patients discharged alive (denominator)

Number of inpatients readmitted for any reason within 30 days (numerator).

### Falls with or without injury - Kansas HEN 1.0(Outcome 1) & HEN 2.0

(Number of patient falls / Total number of patient days) x 1000

Total number of patient days (denominator).

Number of patient falls (numerator).

### All Documented Patient Falls with an Injury Level of Minor or Greater - HEN 2.0

[Number of patient falls with an injury level of minor or greater (whether or not assisted by a staff member) / Number of patient days] x 1000

Number of patient days (denominator)

Number of patient falls with an injury level of minor or greater (whether or not assisted by a staff member) (numerator)

### Naloxone Administration - Kansas HEN 1.0 (Outcome 1) & HEN 2.0

(Number of patients receiving opioids that required treatment with naloxone or another opioid reversal agent / Number of patients receiving opioids) x 100

Number of patients receiving opioids (denominator).

Number of patients receiving opioids that required treatment with naloxone or another opioid reversal agent (numerator).

### Excessive Anticoagulation with Warfarin - Inpatients - Kansas HEN 1.0(Outcome 2) & HEN 2.0

(Inpatients experiencing excessive anticoagulation with warfarin / Number of inpatients receiving warfarin anticoagulation therapy) x 100

Number of inpatients receiving warfarin anticoagulation therapy (denominator).

Inpatients experiencing excessive anticoagulation with warfarin (numerator)

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# Quality Health Indicators 🧆



### Pressure Ulcer Prevalence, Hospital-Acquired-Stage 2+ - Kansas HEN 1.0 (Outcome 1) & HEN 2.0

(Patients that have at least one category/stage II or greater hospital-acquired pressure ulcer on the day of the prevalence measurement episode / All patients, 18 years of age or greater, surveyed for the measurement episode) x 100  $\,$ 

All patients, 18 years of age or greater, surveyed for the measurement episode (denominator)

Patients that have at least one category/stage II or greater hospital-acquired pressure ulcer on the day of the prevalence measurement episode (numerator).

### Pressure Ulcer Rate, Stages 3+ (AHRQ PSI Measure) - HEN 2.0

[Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any secondary diagnosis codes for pressure ulcer and any secondary diagnosis codes for pressure ulcer stage III or IV (or unstageable) / Surgical or medical discharges, for patients ages 18 years and older (surgical and medical discharges are defined by specific DRG or MSDRG codes)] x

Surgical or medical discharges, for patients ages 18 years and older (surgical and medical discharges are defined by specific DRG or MSDRG codes) (denominator)

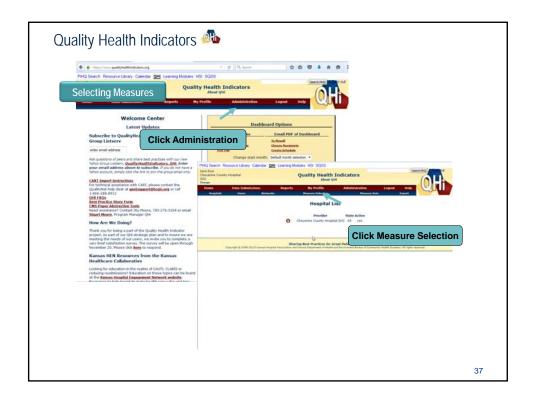
Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any secondary diagnosis codes for pressure ulcer and any secondary diagnosis codes for pressure ulcer stage III or IV (or unstageable) (numerator)

### Hypoglycemia in Inpatients Receiving Insulin - Kansas HEN 1.0 (Outcome 3) & HEN 2.0

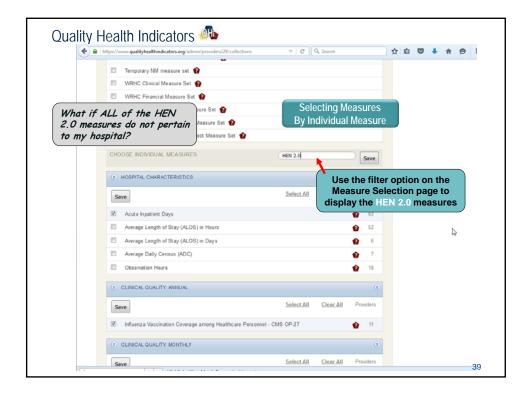
(Number of inpatients receiving insulin or other hypoglycemic agents with an occurrence of hypoglycemia / Number of inpatients receiving insulin or other hypoglycemic agents) x 100

Number of inpatients receiving insulin or other hypoglycemic agents (denominator).

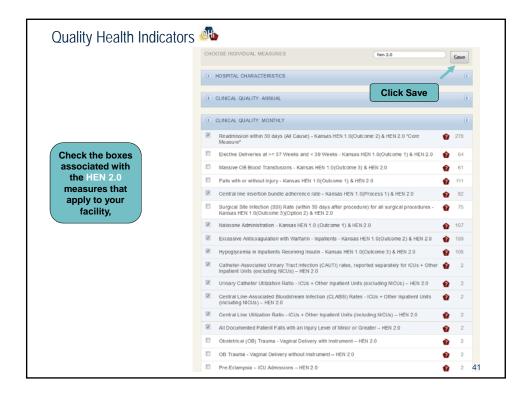
Number of inpatients receiving insulin or other hypoglycemic agents with an occurrence of hypoglycemia (numerator).

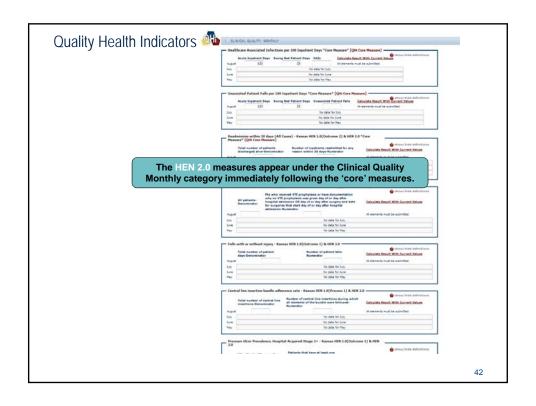












Quality Health Indicators <a>Ф</a>



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Quality Health Indicators <a>Ф</a>



# **Upcoming Training**

- QHi Back to Basics Session:
  - ☐ Wednesday, December 16, 2:00 3:00 CT

# Thank you,

Sally Othmer Sr. Director of Data Services & Quality Reporting 785-276-3118 sothmer@kha-net.org

Stuart Moore QHi Program Manager 785-276-3104 smoore@kha-net.org

# HEN 2.0 Resources Patient and Family Engagement Upcoming events List-Servs Next Steps Contacts Michele Clark Program Director Kansas Healthcare Collaborative mclark@khconline.org

# Establishing or Improving Patient and Family Advisory Councils (PFACs)

KHC is now beginning Cohort 2 of the Kansas PFAC Collaborative.

★ If interested in joining, contact KHC to request more information and the sign-up form:

Kansas Healthcare Collaborative
Alyssa Miller, KHC office coordinator
<a href="mailto:amiller@khconline.org">amiller@khconline.org</a>

# Kansas PFAC Faculty

## Duke University Health System/ North Carolina Quality Center

**Tiffany Christensen**Patient Advocate/
Patient and Family Engagement Specialist





Allison Crestensen Program Coordinator Patient Advisory Councils Expansion Program

KANSAS HEALTHCARE COLLABORATIVE

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# Schedule: 2015-16 Kansas PFAC Collaborative

### November 19

Kick-off and Training Session

### December

- Sign and return commitment to participate
- Return team roster for Kansas PFAC list-serve
- Complete self-assessment survey
- Sign up for scheduled coaching calls

### January

- Initial release of video modules
- Learning Session #1 (virtual)
- Coaching calls begin

### April

Final release of video modules

# **Virtual Learning Sessions**

- #1 January 25 (2-3 pm)
- #2 May 23 (2-3 pm)
- #3 August 15 (2-3 pm)

# **In-person Learning Sessions**

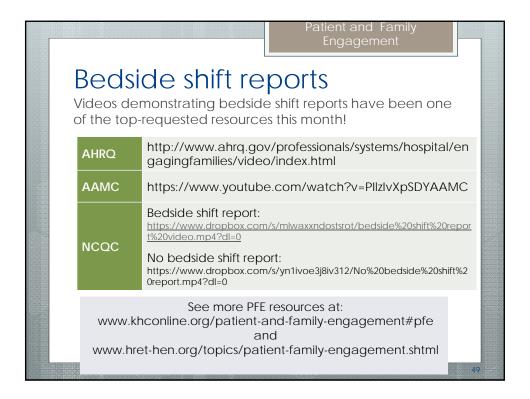
# April 2016:

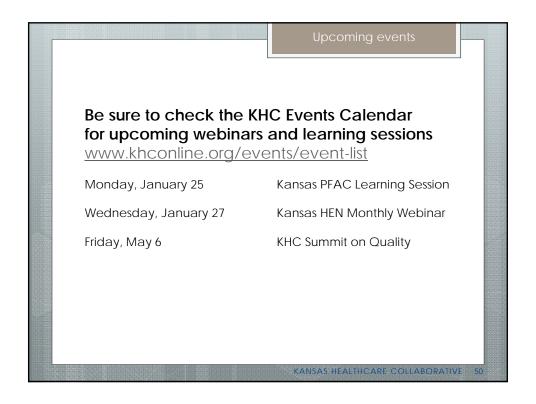
- Train-the-Trainer Workshop (April 28)
- Possible PFA Training Workshop (tentative)

# September 2016: Report out,

workshop, private coaching and celebration of achievements







Resources and Educational Opportunities

# **AHA/HRET HEN webinars**

- Falls January 7 11:00 to 12:30 p.m. CT
- Action Leader Fellowship (#3)
   January 13
   11:00 to 12:00 pm –
   Foundational
   12:30 to 1:30 pm Experienced
- Venous Thromboembolism January 19 11:00 to 12:30 p.m.
- Culture of Safety January 25 11:00 to 12:30 p.m.

- Quality Improvement Office Hours
   January 27
- Surgical Site Infections February 4 11:00 to 12:30 p.m.

11:00 to 12:00 p.m.

• Action Leader Fellowship (#4)
February 17
11:00 to 12:00 pm – Foundational
12:30 to 1:30 pm - Experienced

Pre-register today at www.hret-hen.org

National webinars will be recorded and available online at www.hret-hen.org.

KANSAS HEALTHCARE COLLABORATIVE 5

**Educational Opportunities** LISTSERV® Update HEN 2.0 List-servs are now open! (after HEN 2.0 enrollment period closes) Subscription type\* Topics: Regular – real-time, immediate delivery of posting O Digest - daily delivery of a collection of messages Adverse Drug Event (ADE) Clinical Informatics Infections – includes CAUTI, CDI, CLABSI, SSI and VAE Early Elective Delivery and Obstetrical Adverse Event Patient & Family Engagement/Health Care Disparities Pressure Ulcers & Falls Readmissions Rural/Critical Access Hospitals Sepsis Subscribe at www.hret-hen.org. KANSAS HEALTHCARE COLLABORATIVE

Resources and Educational Opportunities

# Educational Resources and Technical Assistance

- Updated change packages, checklists and implementation guide.
- Updated AHA/HRET HEN website:

www.hret-hen.org

New: *Role-based* navigation and content for physicians, senior leaders, unit-based teams, and patients and families.

State and national contacts for quality improvement support.

KANSAS HEALTHCARE COLLABORATIVE &

### Next Steps

# **Next Steps**

- Review updated Kansas HEN 2.0 Measures Dictionary.
- ☐ Review hospital baseline summary to be received from KHC. Submit missing baseline by Dec. 31, if possible. (Final deadline for baseline is the end of January.)
- ☐ Join 2016 Kansas PFAC Collaborative by Dec. 18, if you wish to participate.
- Register for events.

Watch the KHC Monthly Update and Upcoming Events on our HEN websites for meetings and webinars that are relevant to you.

- Access resources on <u>www.hret-hen.org</u> and www.khconline.org.
- ☐ Use HEN 2.0 news release template in your internal and external communications
- ☐ Take the #123for Equity Pledge to Act



