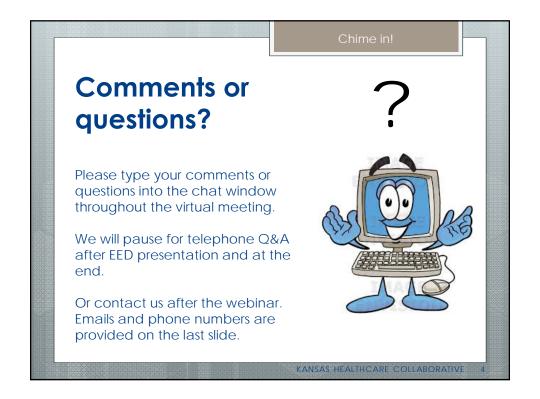


March 25, 2015

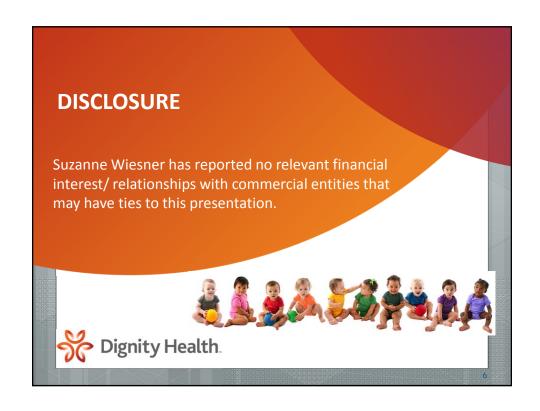
Agenda

- Introductions
- ❖ Early Elective Delivery Prevention
 - Taking It To the Next Level
 - Dignity Health story
 - > Statewide EED survey summary
 - > 2015 Kansas EED/Obstetric Harm Collaborative
 - Resources
- Kansas HEN Data Update
 - > 2014 Year-End Summary
 - > Introduction to new hospital data reports
- Announcements & Upcoming Events
- Questions and Answers









Session Objectives

- To review Dignity Health Perinatal Safety initiative to reduce the incidence of Early Elective Delivery
- To understand the commonalities and differences in the methods used for data collection and reporting
- To identify strategies for success in the reduction of Early Elective Delivery



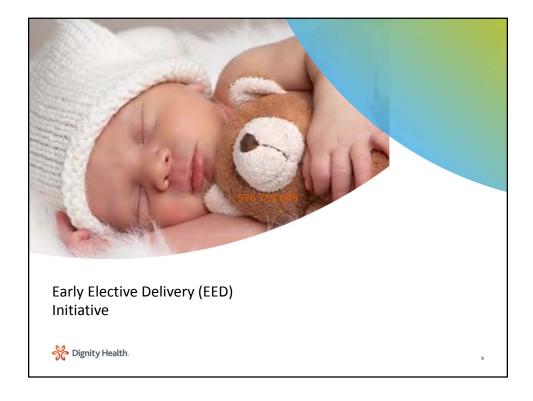


Perinatal Services at Dignity Health

- 60,000+ deliveries per year
- 29 facilities with Birthing Units in California, Arizona and Nevada
- 21 NICU's
- Perinatal Safety Team includes:
 - System-level Director, Manager and Medical Director
 - Facility-level Perinatal Directors/Managers, Perinatal Safety Specialists and Physician Champions







Dignity Health Commits to the Reduction of EED

- Despite guidelines from organizations like ACOG, March of Dimes, and California Maternal Quality Care Collaborative (CMQCC), elective early term delivery was quite common.
- Early term delivery associated with increased Length-of-Stay in Labor and Delivery and increased admissions to the NICU, both associated with increasing health care costs and decreasing patient satisfaction.
- As part of a larger patient safety initiative, a system goal was established to reduce Early Elective Delivery across the organization.



Dignity Health Commits to the Reduction of EED

- Perinatal Safety initiative to reduce EED system level initiative introduced September 2011
 - Standardized list of approved medical indications for delivery >37 weeks and < 39 weeks gestation
 - "Hard Stop" process for scheduling of Inductions and Cesarean Sections
 - Monthly chart audit / data collection by facility-based Perinatal Safety Specialist
 - System-level goal to reduce rate of EED to < 5%

System-level baseline = 6.82%



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Dignity Health Commits to the Reduction of EED (cont.)

Common Attempts of "Indicated Deliveries" Not Meeting Criteria

- 1. Impending Preeclampsia
- 2. Impending Macrosomia
- 3. Previous C-Section (at 38 weeks)
- 4. Prolonged prodromal labor
- 5. Amniotic Fluid Index (AFI) < 7cm
- 6. Persistent uterine contractions without cervical change
- 7. Previous preterm birth

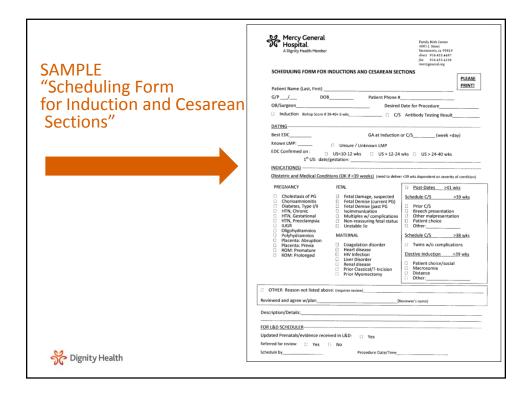


Medical I (Revised: January 2013)	ndications for Delivery before 39 weeks Gestation	
(Revised: January 2013) Describtion	Clarification	TJC Criteri
1. HIV Disease	Delivery recommended at 38 weeks if viral load is unknown or >1000	Yes
2. Placenta previa		Yes
3. Placental abruption		Yes
4. Vaginal bleeding		Yes
5a. Gestational hypertension	Persistent blood pressure >140/90	Yes
5b. Chronic Hypertension	Persistent blood pressure >140/90	Yes
6. Pre-eclampsia/Eclampsia	· ·	Yes
7. Renal disease	Documentation of worsening or compromising maternal health	Yes
8. Liver disease	Documentation of worsening or compromising maternal health (i.e. cholecystitis, gallstone pancreatitis)	Yes
9. Heart disease	Documentation of worsening or compromising maternal health	Yes
10. Diabetes	Poorly controlled (on medication)	Yes
11. Coagulation defects		Yes
12. Unstable lie	Transverse or footling breech	Yes
13. Congenital abnormality of fetus or fetal abnormalities due to infection or other causes	Where the neonatal consultant request early delivery	Yes
14. Feto-maternal hemorrhage		Yes
15. Isoimmunization		Yes
16. Fetal distress	Redundant with abnormal fetal heart rate	Yes
17. Fetal demise		Yes
18. Intrauterine growth restriction	<5th percentile	Yes
19. Polyhydramnios	· ·	Yes
20. Oligohydramnios	AFI<5 cm or LVP<3 cm	Yes
21. Chorioamnionitis		Yes
22. Abnormal fetal heart rate		Yes
23. Vas previa		Yes
24. Poor obstetric history/prior stillbirth or neonatal death		Yes
25. Spontaneous rupture of membranes		Exclusion
26. Spontaneous active labor		Exclusion
27. Previous vertical uterine scar	Prior classical cesarean section	Exclusion
28. Previous uterine rupture	Requiring surgical repair OR history of a uterine window noted during prior uterine surgery	Exclusion
29. Previous myomectomy		Exclusion
31. ≥ 3 prior cesarean sections		No
32. Specialist Consultation/Recommendation	Documentation that supports why continuation of pregnancy until 39 weeks will have a detrimental effect on maternal and/or fetal/neonatal outcome.	No

"Hard Stop" Process for Scheduling – Critical Elements

- Determination of Estimated Date of Confinement (EDC) and gestational age – per ACOG guidelines
- Documentation to support Medical Indication for Delivery
- Facility Leadership oversight of the scheduling process
- Physician Champion and escalation using the Chain of Command when conflicts occur
- Peer review process for non-medically indicated early delivery



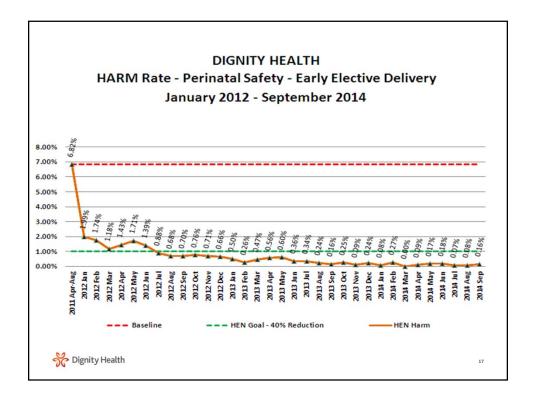


Early Elective Deliveries - Monthly Chart Audits

- Perinatal Safety Specialists audit charts and submit in Midas
- Denominator = ALL deliveries 37 0/7 weeks to 38 6/7 weeks
- Numerator = Deliveries without an approved medical indication
- See Medical Indications for Elective Delivery Before 39 Weeks Gestation
 - Updated January 2013
 - Indications 1 through 32 includes clarifying information and TJC criteria

NOTE: Dignity Health EED rate varies slightly from The Joint Commission (PC-01) Perinatal Core Measure.





Exclusions-Medically Indicated Delivery Dignity Health vs. The Joint Commission

Criteria	Dignity Health	TJC	Comments
31. ≥ Three previous C/S	YES	NO	Dignity Health Policy based on increase rate of adverse neonatal outcomes may be higher at ≥ previous C/S. J Matern Fetal Neonatal Med. 2013 June. J Matern Fetal Neonatal Med. 2013 Jan;26(1):10-2
32. Consultative Recommendation	YES	NO	Instances where guidelines could not be met but delivery is still indicated (i.e. initiation of chemotherapy, maternal surgery of another condition)



Dignity Health vs. The Joint Commission

• Dignity Health:

All Elective Deliveries
All Deliveries 37-38w6d

The Joint Commission:

All Elective Deliveries

(All Deliveries 37-38w6d)-Exclusions



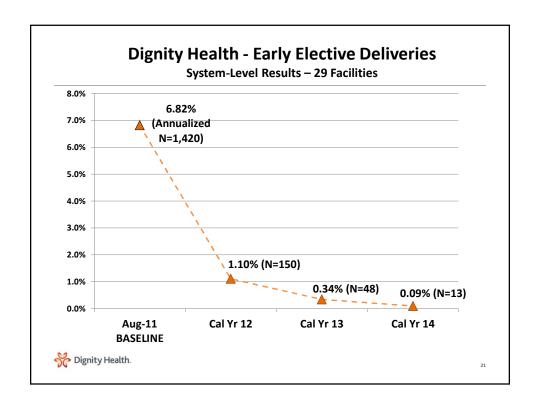
Dignity Health vs. The Joint Commission

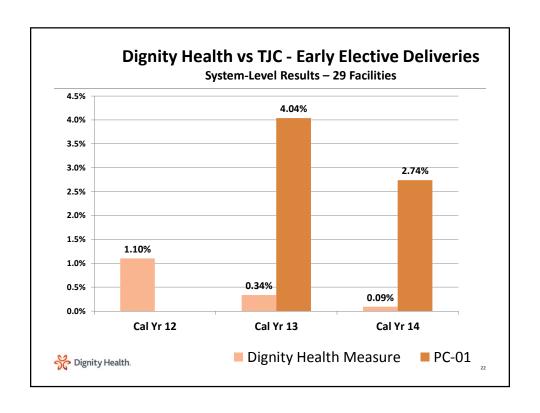
• Dignity Health:

$$\frac{3 \text{ EED}}{1000 \text{ (total 37-38w6d)}} = 0.3\%$$

• The Joint Commission:







Facilities with No Early Elective Deliveries for CY13 - CY14 Dignity Health Methodology



California Hospital
Community Hospital San Bernardino
French Hospital
Marian Regional Medical Center
Mercy Hospital of Folsom
Mercy Hospital Bakersfield
Mercy Medical Center, Mt. Shasta
Mercy San Juan Medical Center
Sierra Nevada Memorial Hospital
St Bernardine Medical Center
St Joseph's Medical Center, Stockton
St Mary Medical Center, Long Beach
St Rose Dominican – Siena Campus



23

Facilities with No Early Elective Deliveries for CY13 - CY14 TJC Perinatal Core Measure (PC-01)



Mercy Gilbert Medical Center Mercy Hospital Bakersfield Mercy Medical Center, Mt. Shasta Mercy San Juan Medical Center St Joseph's Medical Center, Stockton

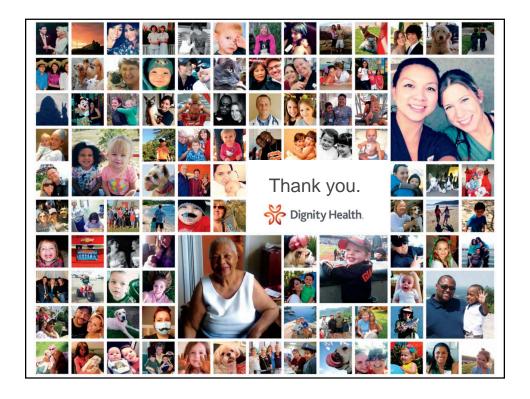


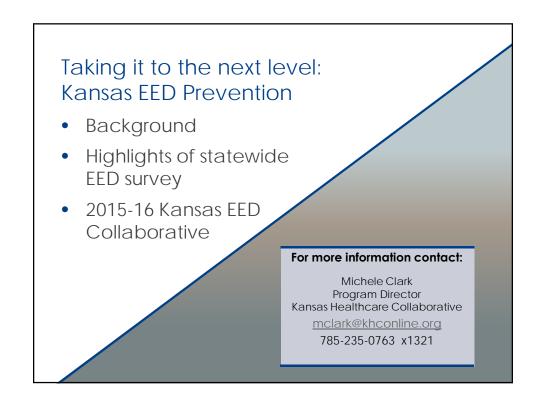
Tips for Success

- Medical Staff Engagement is key to success
- Hospital Leadership Engagement is key to success
- Data! Data! Department and Provider-level data can be very valuable in monitoring progress
- Don't be afraid to Celebrate Your Success!









EED Prevention in Kansas

Background

Kansas Healthcare Collaborative:

Designee by Kansas Hospital Association to administer the Kansas Hospital Engagement Network.

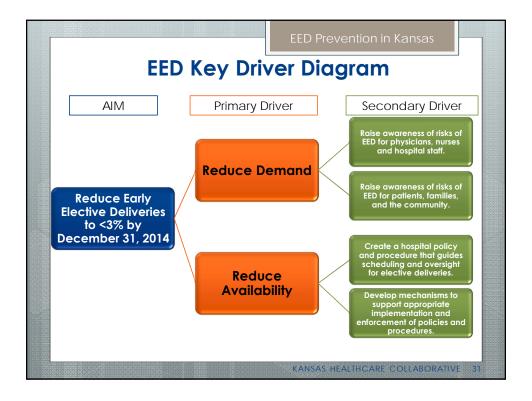
Comprehensive, multi-faceted approach
Leadership and collaboration
Learn and share with others

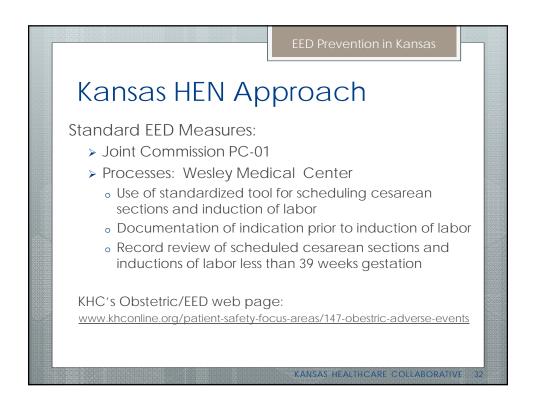
102 hospitals are in the Kansas HEN. (74 are CAH.)52 are birthing hospitals. (27 are CAH.)Kansas has 15 more birthing hospitals. (10 were in other HENs).

KANSAS HEALTHCARE COLLARORATIVE

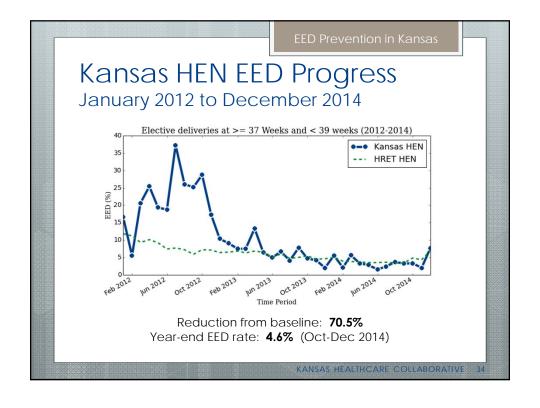
Kansas HEN Approach

- > State-level education and hospital-sharing
- > Wesley Medical Center hospital improvement advisor
- > State and national partnerships
- Distribution of March of Dimes EED Resource Kits to hospitals
- Resources by AHA/HRET HEN (2012-14) See www.hret-hen.org
 - Change package, literature, resources
 - National experts, education, hospital-sharing
 - National collaboration, list-serve





Key influencers to hospital adoption of EED hard-stop policy ACOG guidelines Hospital Engagement Network Blue Cross and Blue Shield of Kansas policy alignment Resolution by KHA Board of Directors encouraging Kansas hospitals to adopt policies against EEDs (June 2013) RESOLUTION Wherea, Kansas hospitals improve the health of their patients using evidence-based practices and national standards. Be 11 Resolved that the Board of Directors of the Kansas Hospital Association recommends that its member hospitals follow a policy stating that unless a medical condition exists that necessitates an earlier delivery, the induction of labor will not be scheduled for women unless they have reached 39 completed weeks of gestation.



EED Prevention in Kansas

Digging deeper into recent data

In 2014, 53 facilities submitted at least one month of EED data; the number of numerator events reported was:

123

38 facilities submitted EED data for entire 12 months.

> 15 had no EED events the whole year

51 facilities submitted >3 months of data in 2014

> 32 had a current EED rate of 0.0% (last 3 mo. of data)

KANSAS HEALTHCARE COLLABORATIVE

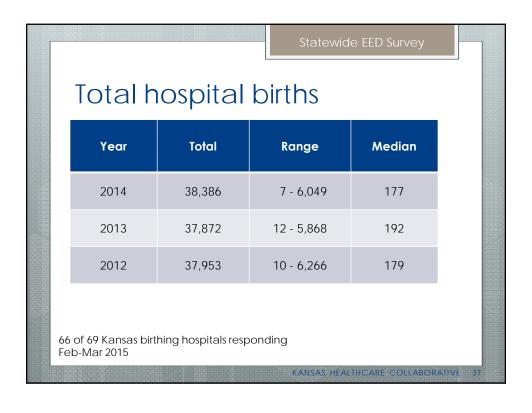
Statewide EED Survey

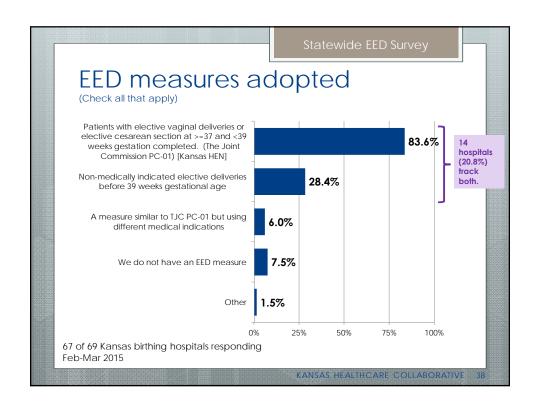
Kansas EED Survey Highlights

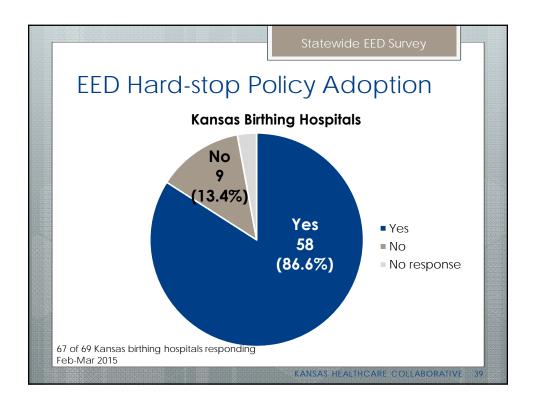
KHC conducted online survey of all Kansas birthing hospitals in mid-February to mid-March 2015 to:

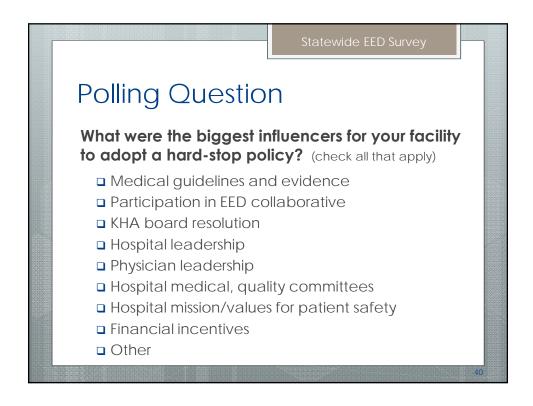
- Gain statewide snapshot of EED progress and perceived impact to date,
- Gather feedback on adoption of EED prevention processes and measures,
- Conduct environmental scan of HEN and NQF OB quality initiatives within the state.

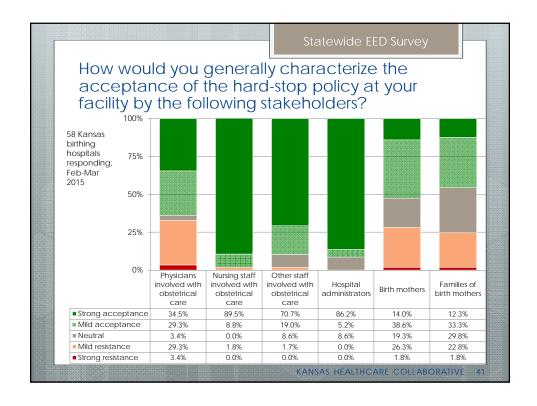
68 of 69 birthing hospitals responded. 98.5% response rate

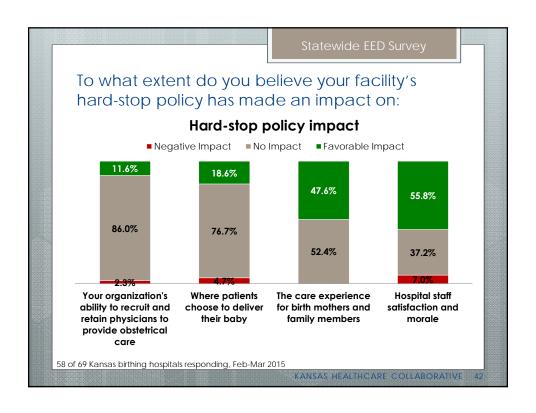


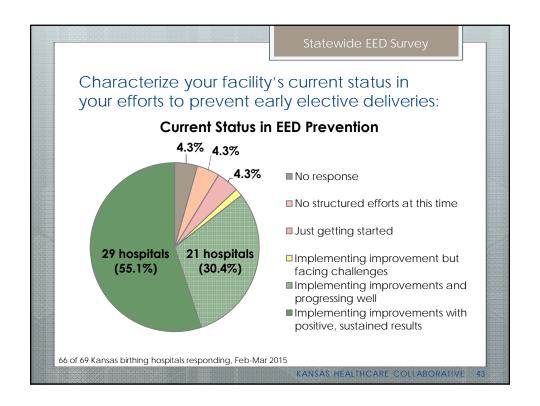


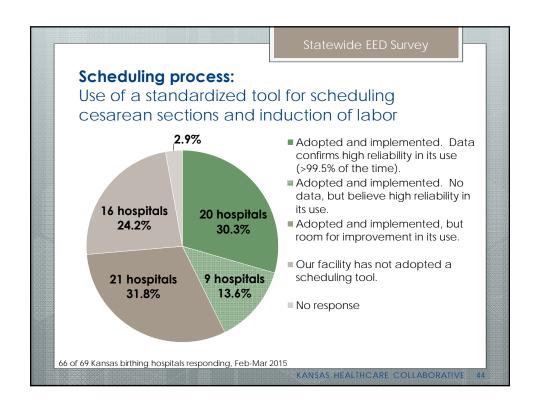


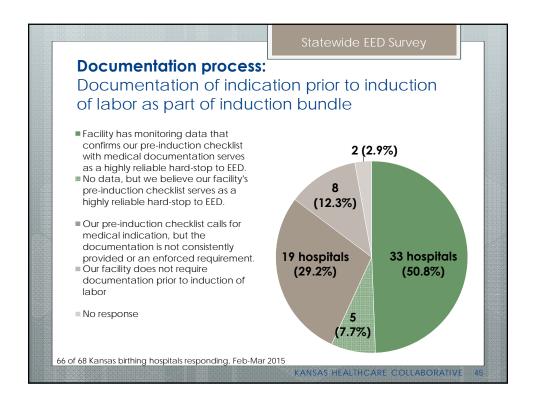


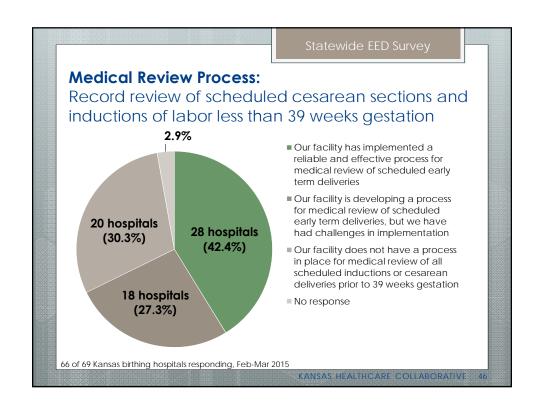


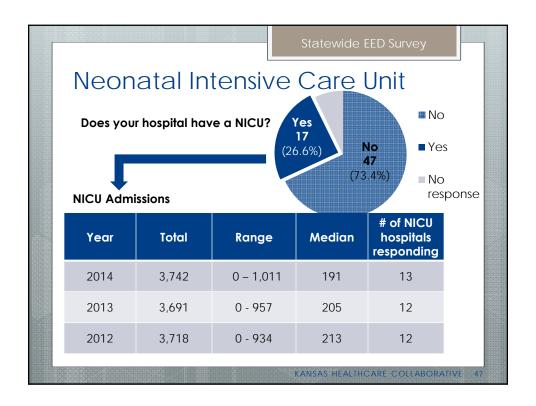


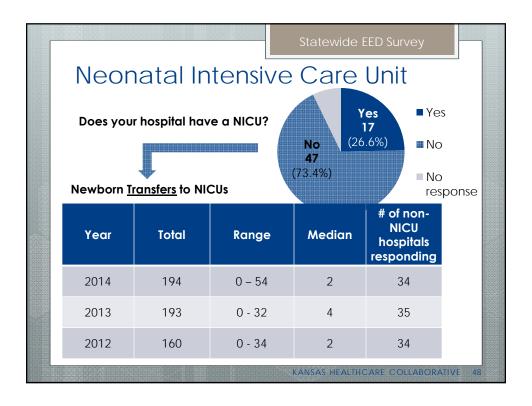


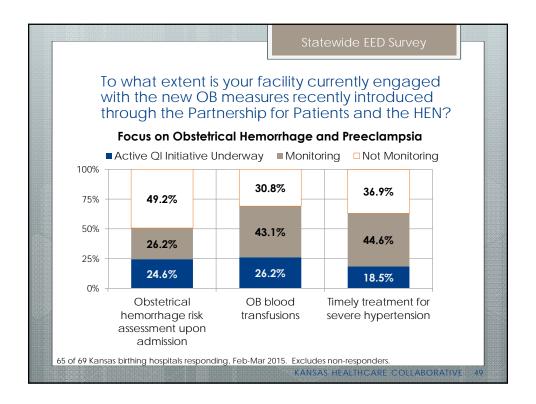


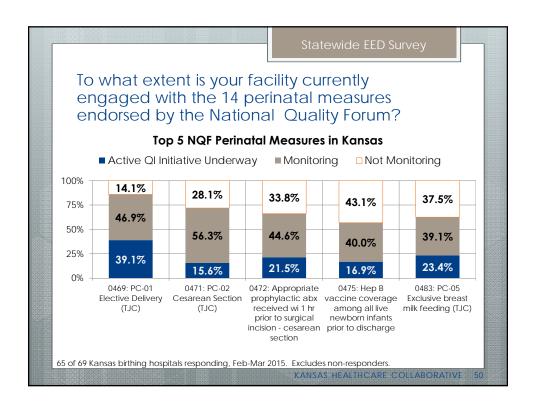












2015 Kansas EED Collaborative • Goals • Methods • Let's work together! For more information contact: Michele Clark Program Director Kansas Healthcare Collaborative mclark@khconline.org 785-235-0763 x1321

Kansas OB/EED Collaborative

Kansas OB/EED Collaborative

The Collaborative is open to all Kansas hospitals that will:

- 1) Commit to taking it to the next level
- 2) Establish teams that will be highly engaged within the collaborative, and
- 3) Share experiences and successes in the spirit of all-teach, all-learn.

Kansas OB/EED Collaborative

Goals and Methods

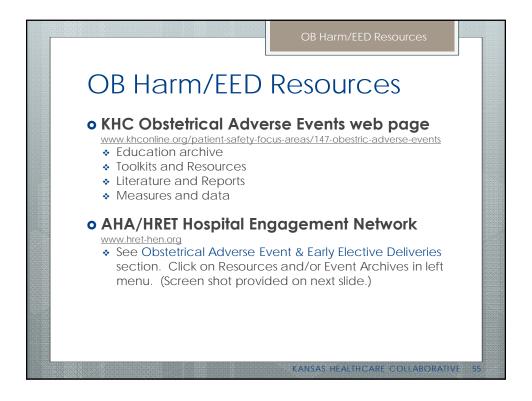
State goal:

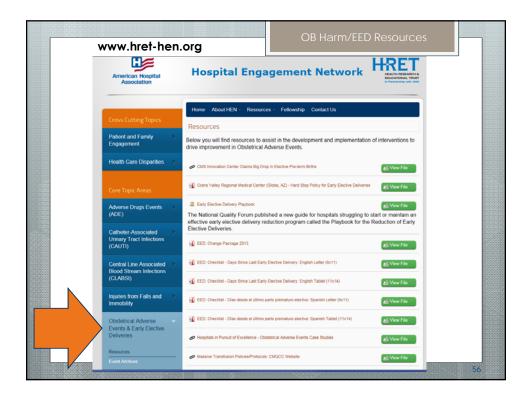
Kansas birthing hospitals will collectively achieve benchmark performance (≤2% EED rate) for TJC PC-01 measure by April 2016.

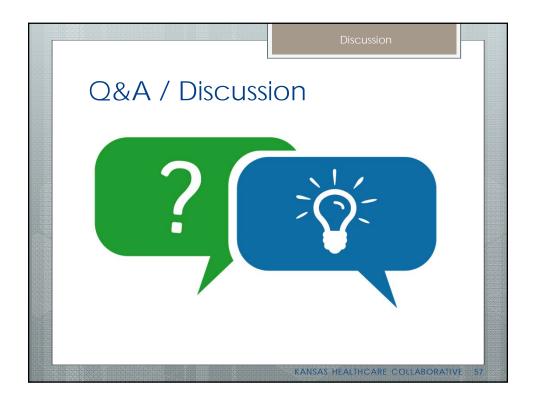
Methods:

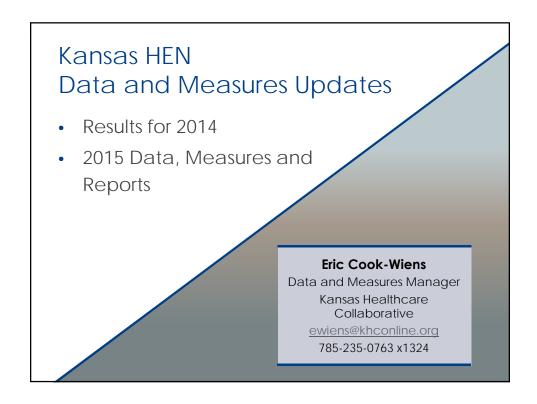
- ★ Facility-level goals and work plan
- ★ Bi-monthly learning sessions (at least one in-person)
- ★ Technical assistance, resources, support
- ★ Virtual community, list-serv
- ★ Partnerships
- ★ Monthly data collected through QHi

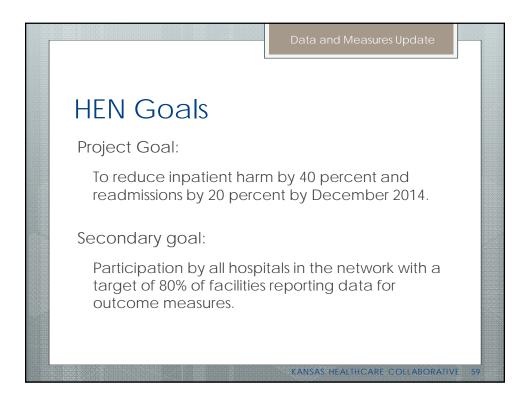


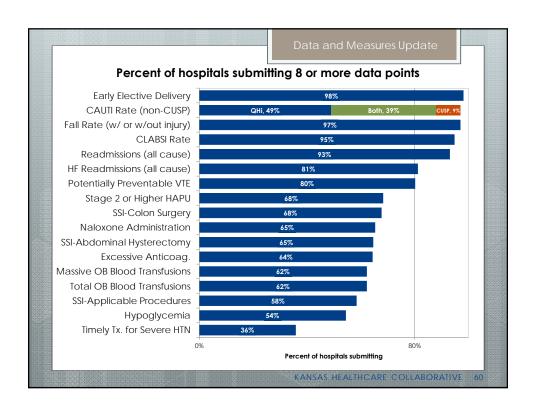


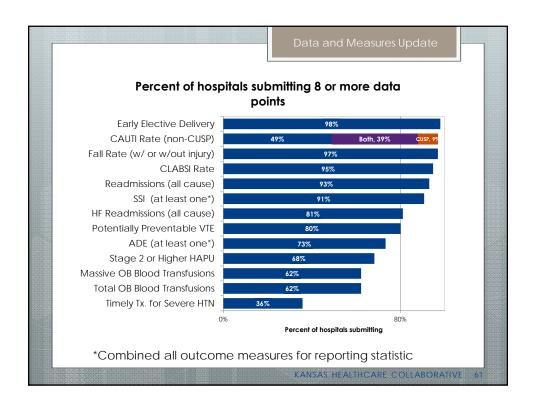


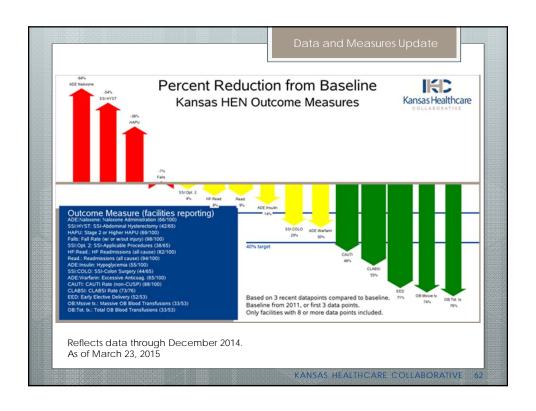












Data and Measures Update

Great work!

Significant Improvements

- ✓ Meeting improvement targets for 5 measures
- Marked success in preventing CLABSI, CAUTI & EED
- Early success with OB measures
- Readmission going in the right direction
- Lots of individual hospital success stories

Participation

- Tremendous improvement in data collection
- 58 facilities joined our NHSN groups
- Learned some challenging new measures
- Quality improvement data is reaching senior leaders

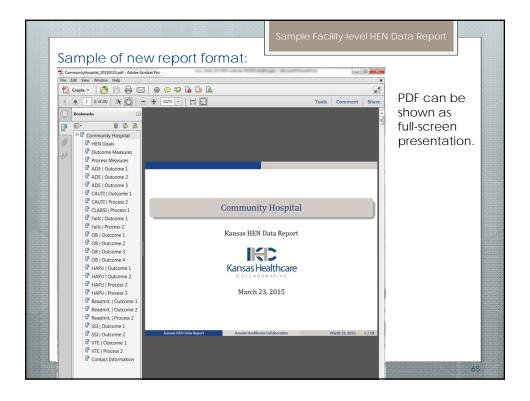
KANSAS HEALTHCARE COLLABORATIVE

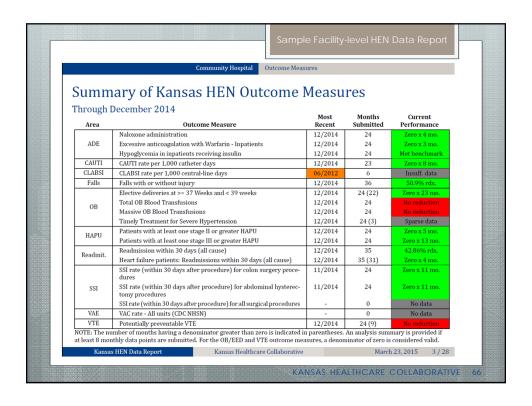
Data and Measures Update

Where to from here?

- Measure changes pending HEN 2.0
- Re-focus our reports on improvement (not just data submission)
 - Side-by-side reports will start again with HEN 2.0
 - Redesign to focus on performance
 - New format for detailed Kansas HEN data reports ("Beamer reports")
 - First version ready next week to include data through December 2014)
 - ➤ New distribution method:

Email from KHC to Primary HEN Contact next week with link to download facility-level PDF report and share with quality improvement teams and hospital leadership.





Sample Facility-level HEN Data Report

How are cell colors determined?

GREEN

- Streak of at least 3 months with zero numerator events
- Reduction from baseline of 40% (20% for readmit.) (Either 2011 annual baseline or first 3 months of monitoring data)
- Meeting national benchmarks (current benchmarks set by CMS or HRET)

Yellow

Reduction from baseline < 40% (20% for readmit.)

Red

No reduction (note baseline rates of zero)

KANSAS HEALTHCARE COLLABORATIVE 6

National Benchmarks **Benchmark** Elective deliveries at >= 37 Weeks and < 39 CMS HEN 2% Program Patients with at least one stage II or greater CMS HEN 1.487% **HAPU** Program Patients with at least one stage III or greater 0.21% **HRET HAPU CMS HEN** 2.15 falls per 1,000 Falls with or without injury patient days Program 0.48 infections per CMS HEN CAUTI rate per 1,000 catheter days 1,000 device days Program 0.18 infections per **CMS HEN** CLABSI rate per 1,000 central-line days 1,000 central-line days Program Potentially preventable VTE 0.156% HRET Excessive anticoagulation with Warfarin -CMS HEN 0% Inpatients Program CMS HEN Hypoglycemia in inpatients receiving insulin 7% Program Source: HRET Improvement Calculator v3.03, July 2014 KANSAS HEALTHCARE COLLABORATIVE

Sample Facility-level HEN Data Report

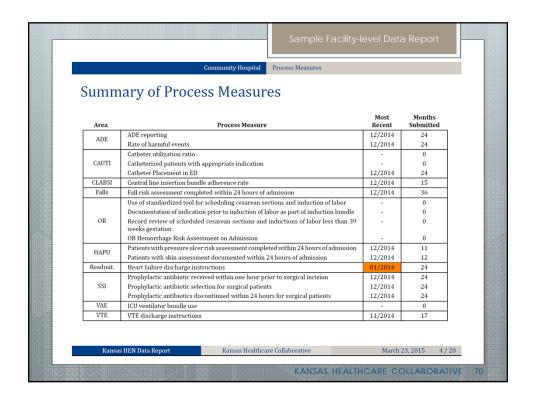
How are cell colors determined?

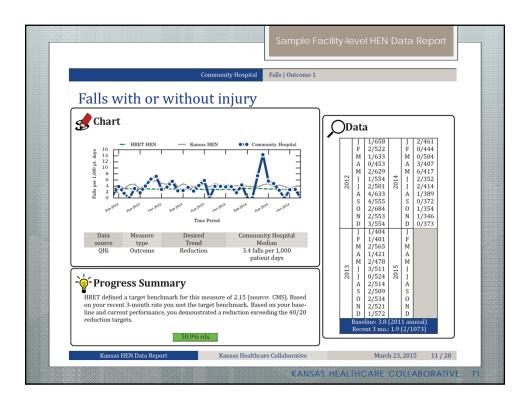
Grey

- · No Data submitted
- Insufficient data fewer than 8 monthly data points submitted
- Sparse data data is sufficient, but not enough events to compare recent performance with baseline

o N/A

 Inapplicable focus areas for certain facilities (eg, CLABSI, SSI, OB and VAE)





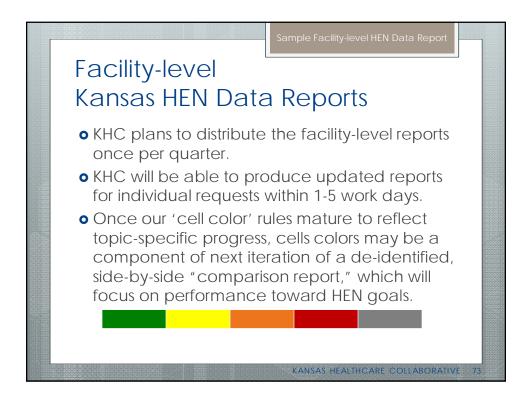
New Kansas HEN reports

• When reviewing your report, if you see data that needs to be updated or corrected, fix it in the appropriate data system (NHSN or QHi).

• Reports will not include historical data submitted through CareCounts.

• May need some iterations to find and fix issues with the new report format.

• If there is a problem or question(s) about the report, notify Eric at KHC.





Announcements

HEN 2.0 Update

- AHA/HRET will submit multi-state hospital association proposal to CMS by March 28.
 - Kansas HEN will be included.
- AHA/HRET anticipates CMS awards will start Summer 2015.
- KHC will keep you informed.

KANSAS HEALTHCARE COLLABORATIVE 7

Kansas PFAC

Kansas PFAC Collaborative

A statewide collaborative hosted by KHC with national faculty to help hospitals establish an effective Patient and Family Advisory Council or to improve upon an existing PFAC program.

March/April	Sign-up Period
April 16, 2015	Kick-off Event, PFAC Training in Topeka
May 18	Coaching Call
June 18	Learning Session (webinar)
July 16	Coaching Call
August 19	Learning Session (webinar)
September 11	Learning/Sharing Session (in-person at KHA Convention in Wichita)*
October 22	Coaching Call
November 12	Learning/Sharing Session (webinar?)

For recording of our February webinar and more information, visit: www.khconline.org/patient-and-family-engagement



