


Creating Learning Circles in Public Health:
practice-based, online, quality improvement training
for local health departments in rural settings

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Presenter Disclosure


Ruth E. Wetta

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Today's Learning Objectives

- Discuss long-term online, "just-in-time" quality improvement training for local health department staff in rural communities using adult experiential education methods.
- Differentiate the pros, cons, benefits and barriers to long-term, online just-in-time training for local health departments.




Training Program Goals

Each local health department (LHD) will develop the capacity to:

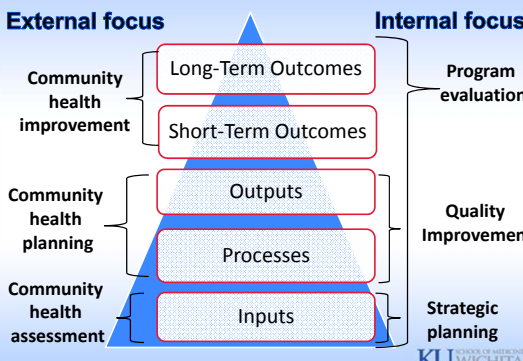
- collect, manage, and analyze their own data
- understand program outcomes
- use their data to improve delivery of their program

Collateral benefits include:


- enhanced collaboration among participating LHDs
- strengthening LHD quality improvement efforts
- progress toward meeting accreditation standards.





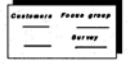
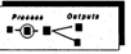
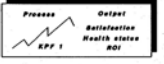
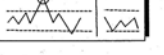
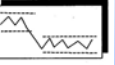
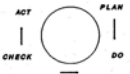
Model for Data-Driven Decision-Making



R. Wetta 2011



CQI PROCESS

1. Mission Statement
 
2. Document the Process
 
3. Identify customers & expectations
 
4. Identify KPF & KQF to measure
 
5. Stabilize the process
 - Measure KQF & KPF
 
 - Identify variation
 
 - Eliminate inappropriate variation
 
6. Improve the Process
 

Learning Plan and Methods

Content	Weeks	
	Planned	Actual
1. QI concepts	1-6	1-7
2. Data collection and management	7-14	8-15
3. Data entry and management	15 - 20	16-22
4. Interpretation and synthesis	21 - 28	23-35
5. Reporting and presentations	28 - 36	36-44
6. Technical assistance		45-60

- Align QI efforts with Core Public Health Functions
- Experiential adult learning methods
- “Just-in-time” training
- Long-term technical assistance

Training Sessions and Average Participation by Month

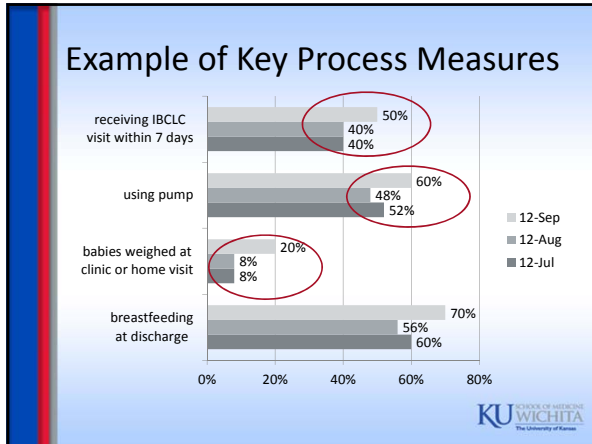
	2012					2013									
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept
■ avg participant	4	8	6	6	4	4	4	3	3	3	4	3	2	2	3
■ sessions	4	9	16	8	9	3	9	5	9	9	3	2	4	4	3

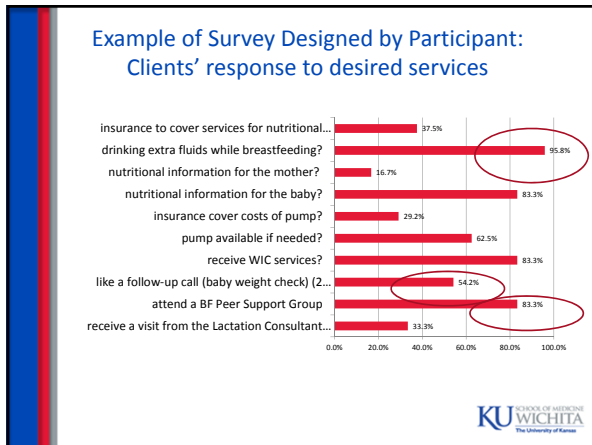
Examples of Best Practice

Labette County *BEST* Program
(Breastfeeding Education by Supportive Trainers)
 Lisa Goins, RN and Debbi Baugher, RN

Neosho County’s Project TIME
(Teach, Implement, Mentor, Evaluate)
 Stephanie Henry, MT(ASCP), CBE, IBCLC

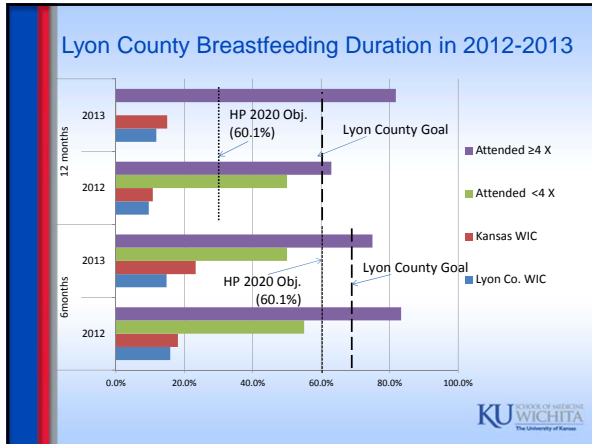
Lyon County Treasure Chest
 Janine Messersmith, RD, LD, IBCLC
 Bevin Neeley, IBCLC, CBE

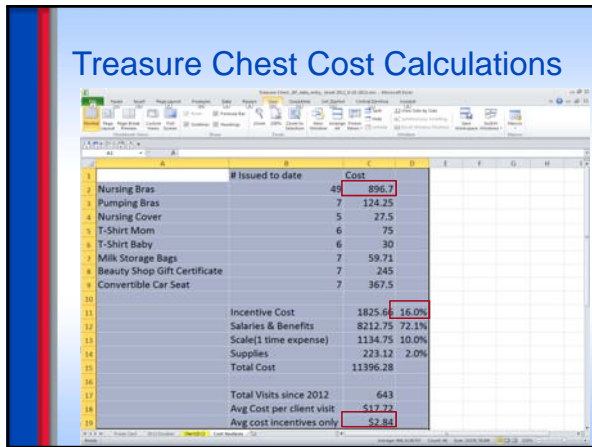




Neosho County Timeliness of WIC Client Appointment QI Study

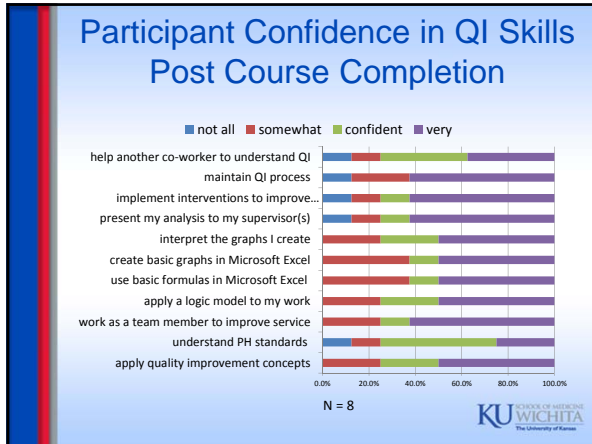
Inputs	Activities	Outputs	ST Outcome (3 months)	Mid-term Outcome (6 months)	Long-term Outcome (9-12 months)
*Neosho Co. Health Department	*Staff education *WIC clerk verifies client information	# of clients for new, Certification (Recert & Midcert), NE+, and BF	Increase awareness of appointment turn around time (TAT)	Decrease appointment TAT	Increase satisfaction with WIC ME appointment TAT
*WIC Staff	*Screening (Ht., Wt., Hgb, Lead	# of referrals to community resources	Increase communication among staff	Increase efficiency of our WIC time with client	Attain positive feedback on the impact our QI study
*Healthy Start Home Visitor NCHD	*Nursing staff nutrition screening, education & worksheets	# of Healthy Start Home Visitor Appointments	Increase client satisfaction on time spent in our clinic for WIC appointment		
*SEK Dental	*Community Resource list *Healthy Start Home Visitor *Check pickup	# of BFPC appointments			





Course Evaluation: Participant Characteristics

Characteristic	N	Percent	
Gender	female	8	100
Age	31-40	2	25.0%
	41-50	4	50.0%
	51-60	2	25.0%
Region	West Central	1	12.5%
	Southwest Kansas	1	12.5%
	Wildcat	1	12.5%
	East Central	2	25.0%
	Lower 8	2	25.0%
	KC Metro	1	12.5%



- ### Conclusions and Implications
- Just-in-time education: focus teaching to what participants are ready to apply
 - One size does not fit all: Be sensitive (and flexible) to individual learning needs
 - Release time to attend sessions and apply concepts to their work
 - Agreement from administration to support employee learning
 - Great potential for this model to be sustained
 - Online software improving and distance collaboration possible
 - Program appears to be an effective and efficient method to increase the capacities of LHD staff
 - Potential to serve as a national model for workforce development, particularly in rural states
- KU SCHOOLS OF MEDICINE WICHITA The University of Kansas

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