
 **LQAS Online Series**


Lecture #6
LQAS vs. Cluster sampling

Trainer: J.C. Alegre, Chair M&E Working Group
Bill Weiss, Johns Hopkins University

Monitoring & Evaluation Working Group
The CORE Group
March 29, 2006

March 29, 2006 M&E Working Group - LQAS Lecture #6 Slide #1 of 8

 **LQAS Online Series – Lecture #6**

 **Objectives for Lecture #6:**

- Recognize and understand the pros and cons of LQAS vs. 30-cluster as a sampling for monitoring and evaluation

March 29, 2006 M&E Working Group - LQAS Lecture #6 Slide #2 of 8

CORE Comparing LQAS and cluster sampling


	LQAS	Cluster sampling
Used to	<ul style="list-style-type: none"> To assess coverage at the program area level Identify high and low performance at the local level in coverage and quality 	Assess coverage at the program area level

March 29, 2006 M&E Working Group - LQAS Lecture #6 Slide #3 of 8


CORE Comparing LQAS and cluster sampling

	LQAS	Cluster sampling
Sampling	<ul style="list-style-type: none"> Optimal size for CS projects = 19 per supervision area Total sample by aggregation = 19 x 'm' supervision areas (typically 95) 	<ul style="list-style-type: none"> $N = 30 \times 10 = 300$ for KPC surveys

March 29, 2006 M&E Working Group - LQAS Lecture #6 Slide #4 of 8

 Comparing LQAS and cluster sampling		
	LQAS	Cluster sampling
Advantages	<ul style="list-style-type: none"> • Can assess CI for coverage at the entire program level • Provides information at the local level for local managers to make informed decisions • Data collection can be integrated with supervision system 	<ul style="list-style-type: none"> • Can assess CI for coverage at the entire program level • Most widely used and known

March 29, 2006 M&E Working Group - LQAS Lecture #6 Slide #5 of 8

 Comparing LQAS and cluster sampling		
	LQAS	Cluster sampling
Limitations and constraints	<ul style="list-style-type: none"> • Less well-known • It's more expensive if you are interested in only program-area level data 	<ul style="list-style-type: none"> • Does not identify areas or units of low coverage for performance within program area

March 29, 2006 M&E Working Group - LQAS Lecture #6 Slide #6 of 8

CORE **Comparing LQAS and cluster sampling**

	LQAS	Cluster sampling
Cost	<ul style="list-style-type: none"> • Less expensive than cluster sampling when measuring coverage at the program area level and performance within the program areas • Cost can be reduced by integrating with regular supervision • You get two for the price of one! 	<ul style="list-style-type: none"> • Less expensive than LQAS when measuring coverage at the program level only • You get one for the price of one!

March 29, 2006 M&E Working Group - LQAS Lecture #6 Slide #7 of 8

CORE **The end of lecture #6**

- Thank you for your attention



Meet with us live for an interactive session



When: April 5, 2006 – 10:00 am (U.S. Eastern Time)
 Where: Internet, through Elluminate
 How: Register at → http://www.coregroup.org/conf_reg/registration.cfm

... after April 5, the Q&A live session can be play backed any time at:
http://www.coregroup.org/conf_reg/lqas_series.cfm

March 29, 2006 M&E Working Group - LQAS Lecture #6 Slide #8 of 8