

## HIBBs Detailed Specifications

1. **Title:** *Data Quality: Data Cleaning*
  2. **Creators/Contributors:** *Beverly Musick, M.S. Regional East African Center for Health Informatics (REACH-Informatics)*
  3. **Content Creation Date (year only):** 2010
  4. **HIBB Repository Publication Date :** April, 2011
  5. **Financial Support for Development of HIBB Provided by:** Fogarty Center; USAID; Rockefeller Foundation; Regenstrief Institute; Indiana University; REACH
  6. **Language of HIBB:** English.
  7. **Subject:**
    1. data quality
    2. data control
    3. statistical analysis
  8. **Description of HIBB (limit to 150 words):**

*Quality control is the process of monitoring and maintaining the reliability, accuracy, and completeness of the data during the conduct of a project.*
  9. **Learning Objectives:**
    1. Understand what data quality is.
    2. Be able to ensure data quality in data collection
    3. Be able to clean up and account for missing or inaccurate data
  10. **Keywords Describing HIBB:**
    1. data quality
    2. data control
    3. statistical analysis
    4. data completeness
  11. **Intended Audience:** Health care data managers; collectors and users
  12. **Competencies/Skills that HIBB Addresses:** Understand how to assess data quality
  13. **Related HIBB(s). Indicate whether this HIBB is:**

Adaptation of an existing HIBB: indicate title and ID#:  
Translation of an existing HIBB: indicate title and ID#:  
**Part of a series: Data Quality**  
Not applicable:
-

**14. Level of Computer/Health Informatics Knowledge Needed to Understand Content of HIBB:**

Novice: "I have never done this"

**Advanced beginner: "I have done this a little"**

Competent: "I am good at this"

Proficient: "I could teach this"

**15. Format of HIBB Components. List all Components and Files included in the HIBB Module in Table 1**

Table 1: HIBB Components and Files

Component Type	File Name	Type of File	Size of File	Duration/length of component
Slides augmented with voiceover	Data Cleaning MP4.mp4	MPEG 4	34,825 KB	25:53 m
Audio only	Data Cleaning.mp3	MP 3	18,200 KB	25:53m
Video	Data Cleaning.mov	Quicktime movie	38,676 KB	25:53 m
Slides augmented with voiceover	Data Cleaning_iPod.mp4	MPEG 4	29,776 KB	25:53 m
Slides only	DQDataCleaning.ppt	PowerPoint	1,453 KB	13 slides

**16. Use of HIBB Content in Prior Training. Provide the following information about the HIBB:**

- a. Training venue(s): *REACH, Eldoret, Kenya*
- b. Type of training: *In-service*
- c. Year most recently offered in training: *2010*
- d. Number of times offered in training: *unknown*
- e. Approximate number of individuals trained: List number of people that have taken this training.  
*Unknown*
- f. Type of individuals trained: Include types of students who have taken the training: *community workers*
- g. Content not used before: *N/A*