



## Problem Solving for Immunization Programs

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## Exercise 3: Analysis of Facility Performance Using CASA

### Instructions

In this exercise, your group will analyze the vaccination data collected using the Local Immunization Coverage Assessment Form in Exercise 1b.

- The data (Indicators K3–K7 on the Local Coverage Assessment Form) were collected in lots of eight children each.
- The lots have been combined as if they had been extracted from the records of each facility.
- The data have been entered into an Excel spreadsheet, which will be emailed to you.

You will read these data into CASA and use CASA to analyze immunization performance in your immunization facilities. Again, imagine that you are writing recommendations to the regional immunization program manager, based this time on your CASA results.

Within each group decide among yourselves how you will divide up the tasks on the right-hand side of this page.

### Tasks

(Maximum 10 pages, including tables)

1. Export the data for each facility from the Excel worksheet into ASCII format. Make a separate file for each facility. In CASA, make a CASA Assessment Site import screen for each facility. Use it to read in the data.
2. Prepare summary reports for each facility. Then, print out a lost immunization history for each facility. (To get there, follow the Reports/Coverage Reports/Multiple Sites menus.)
3. Generate a risk factor analysis for each facility.
4. Compare the results across facilities. Do you find any common problems? Rank the facilities from best to worst. Write brief recommendations to the regional immunization manager based on your CASA results.