

## **USAID PAT Implementation Training Epi Info Assignment #1**

In the following assignment, you will practice the steps you have learned to: (1) use the Compare Data Function to find data entry errors, (2) perform data entry, (3) merge two databases, (3) identify and correct outlier values, (4) calculate the poverty level, and (5) use WinZip to compress your database.

1. Use the Compare Data function in Epi to compare the values entered for “USAID\_PAT\_ALB\_Brian.mdb” and “USAID\_PAT\_ALB\_Anthony.mdb”. Correct any errors you find, and then change the name of the corrected database to “USAID\_PAT\_ALB\_1to10.mdb”.
2. The database “USAID\_PAT\_ALB\_11to14.mdb” has 4 records. Enter the values from the provided survey questionnaire to create a fifth record. Rename the database as “USAID\_PAT\_ALB\_11to15.mdb.”
3. The database file “USAID\_PAT\_ALB\_1to10.mdb” has 10 records, and the file “USAID\_PAT\_ALB\_11to15.mdb” has 5 records. Merge the two files into one database, and then rename the merged file to “USAID\_PAT\_ALB\_1to15.mdb”. The new file should have a total of 15 records.
4. Open the Analysis function of Epi Info, and then open the “USAID\_PAT\_ALB\_1to15.mdb” file. Use the Means command to find out the average age of the household heads (hhage) in the database. Use the Frequency command for the hhage variable and look for obvious errors (outliers). Identify the record with a likely error in the age of the client.
5. Close the Analysis program, and open the same database using the Enter Data program. Use the Find command button to locate the record with the incorrect age, and then correct the age to “25.” Save and close the Enter Data program.
6. Open the Analysis function. Calculate the poverty level for the 15 clients in this database, using the Program Editor to Open and Run the program. Write down the results—the percentage of ‘very poor’ in the sample.
7. Exit the Analysis function. Use WinZip to compress the “USAID\_PAT\_ALB\_1to15.mdb” file.
8. Show your files to a facilitator so he or she can review your assignment results.

Thanks!