

DISTRICT LEVEL HOUSEHOLD AND FACILITY SURVEY-3  
UNDER  
REPRODUCTIVE AND CHILD HEALTH PROJECT

2007-2008

DISTRICT FACT SHEET  
GENERATION GUIDE

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## Introduction

The district fact sheet generation processing activities of the DLHS-3 survey involve manual and automatic processes that have a direct impact on the quality of the data. For this reason, all of the staff dealing with these processes should have a clear understanding of their duties as well as the procedures and methods to be used in order to run the district fact sheet generation processing smoothly.

The entire DLHS-3 district fact sheet generation processing system was developed using the CPro 3.3 (Census and Survey Processing) software package. For this reason, CPro 3.3 has to be installed in a separate machine for district fact sheet generation processing operation.

**Supervisor:** Supervisor is a coordinator of district fact sheet generation processing work. His main duties are as follows:

1. Complete district (50) PSU's getting approval from IIPS and kept in separate folder as district wise.
2. Calculate PSU weight in a excel.
3. Enter PSU weight in a weight entry software.
4. Merging (Concate) 50 PSU's as district data
5. Compute the district data save as different file.
6. Run the tabulation.
7. Export the tables from CPro tabulation to word format.
8. Enter indicators in a district fact sheet.

**D**istrict fact sheet generation processing software prepared by the IIPS works on tabulation processing engine prepared by CSPro. Programs given by CSPro 3.3 are generalized in nature and are customized according to need of DLHS-3 by code written at IIPS.

Do following for smooth processing of DLHS-3 system

1. Separate machine should be fully devoted to DLHS-3 project till the completion of district fact sheet generation.
2. Machine should have at least P4 processor with 256 RAM and windows XP operating system
3. Better to format Hard disk before start of project
4. Install latest virus protection on the machine
5. If any Pen drive is used for transferring files from one machine to another machine, it should not be used for any machine outside the project. Format the Pen drive before using it for the project.

The following are the steps for the installation of these programs:

## Installation

**Installation of CSPro (version 3.3):** CSPro will be installed in a separate machine on which any type of DLHS-3 district fact sheet generation related work will be performed. For install the CSPro 3.3 follow the steps.

- Close all running programs.
- Place the CD in your CD-ROM/DVD drive.
- Wait for few seconds, the installation program will automatically launch. If program does not automatically launch, open CD drive through My Computer or Windows Explorer and double click on **cspro3.3.exe**.

- Proceed through the setup process. This will take you through a series of dialog boxes, which will prompt you for setup information. You should proceed by default selection made by installation wizard. **Ensure that CSPro is being installed at “c:\program files” (default location).**

**Installation of DLHS-3 program:** For customization of CSPro program, it is necessary to install DLHS-3 program. Basic steps for installing the software. After putting the CD in the CD-ROM drive, the autoplay menu will invoke. Click on “Supervisor Installation Menu” to install software.

During the installation of customization software, you may be prompted for the “install directory” i.e., the drive & the directory wherein this application will get installed. If the folder/directory displayed as “install directory” doesn’t exist, the setup procedure will create the same – however, the user can choose to change the Drive where the application will be installed. But, it is suggested not to change the default directory i.e. “C:\DLHS3T”.

## Overview of Software

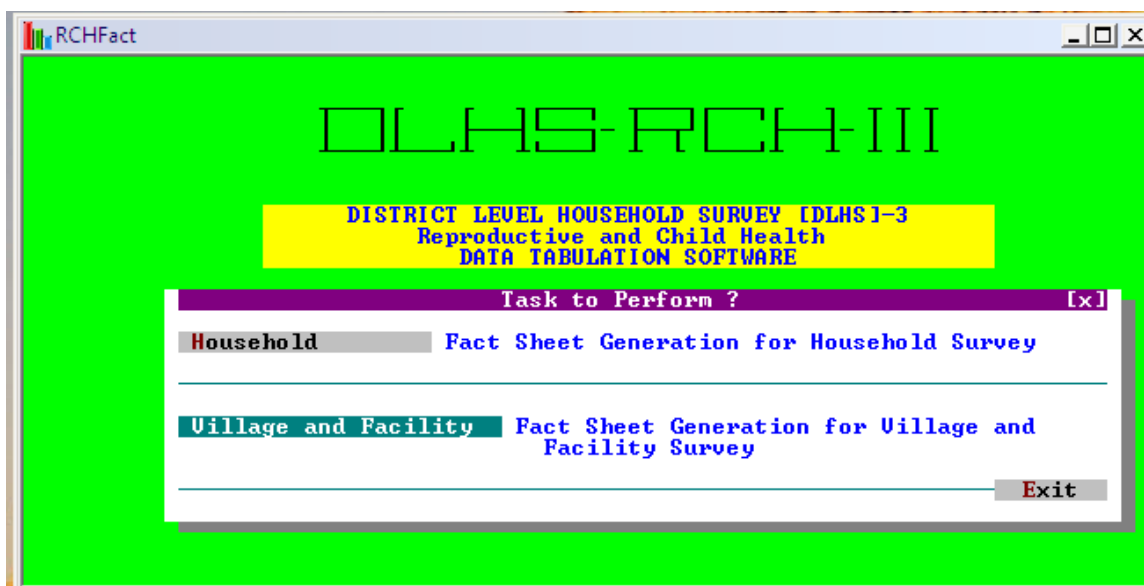
After successful installation of DLHS-3 program you will see a new icon with name **DLHS3T** on your desktop. A new folder **DLHS3T** will be created in root directory of **C** drive. There are sub folders in this folder. Following is the folder organization with nature of file they will contain.

### Folder Organization

\APPS	All type applications
\Facility	All type facility applications
\Village	All type village applications
\District Data	Storage of PSU data file approve by the IIPS will be kept in this folder as district wise.
\ PSU Weight	District wise PSU weight data will kept in the folder
\Merged data	Storage of merged district data file will be kept in this folder.
\ FACT BOOKS	Storage of compute district data file will be kept in this folder.
\ District tables	Imported district tables will be kept in this folder.

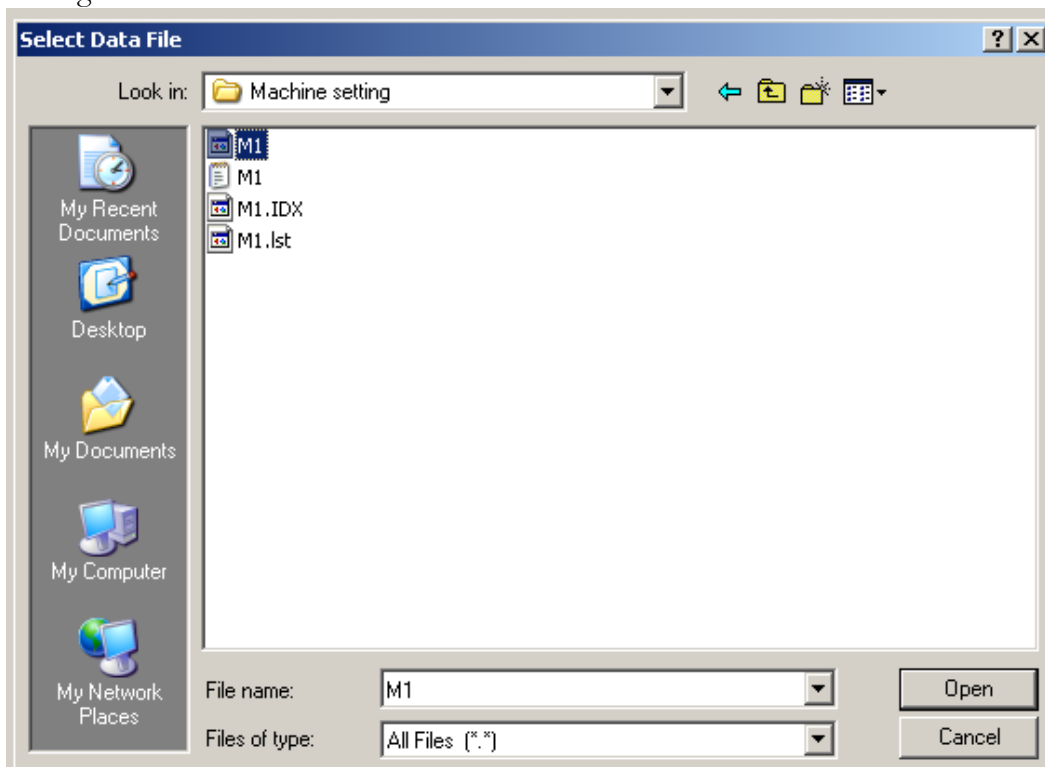
## Setting the Machine for Fact Sheet

The first step for fact sheet generation processing is double click the DLHS3T icon in desktop then the following menu will display.



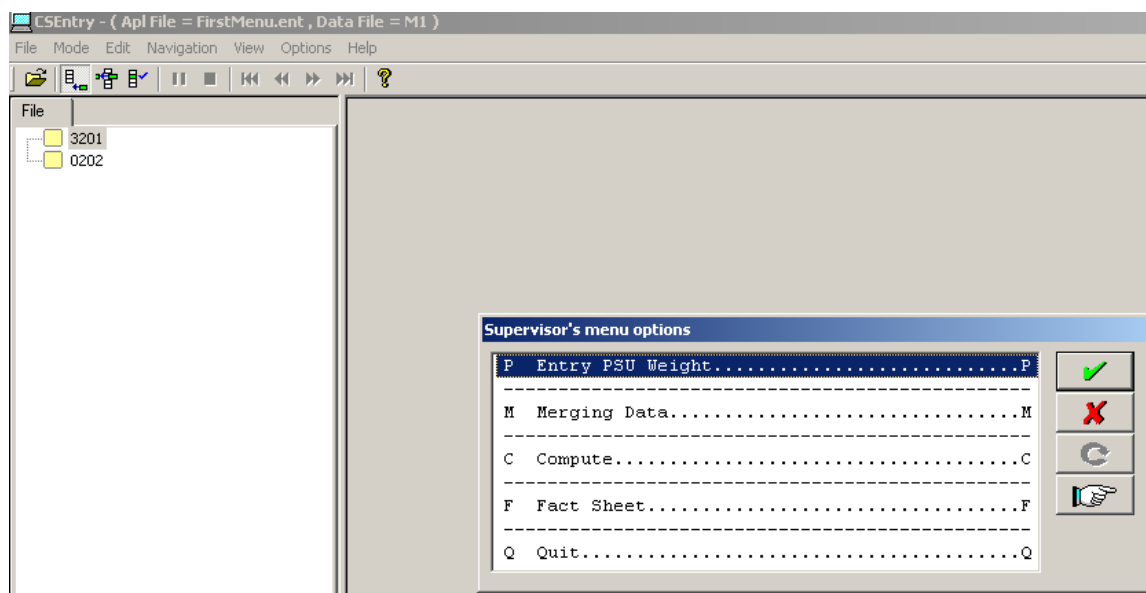
After click the supervisor icon to setting machine for fact sheet:

Supervisor is setting the machine (assigning particular ID to machine). DLHS-3 system for fact sheet generation.



## Execution of Processes

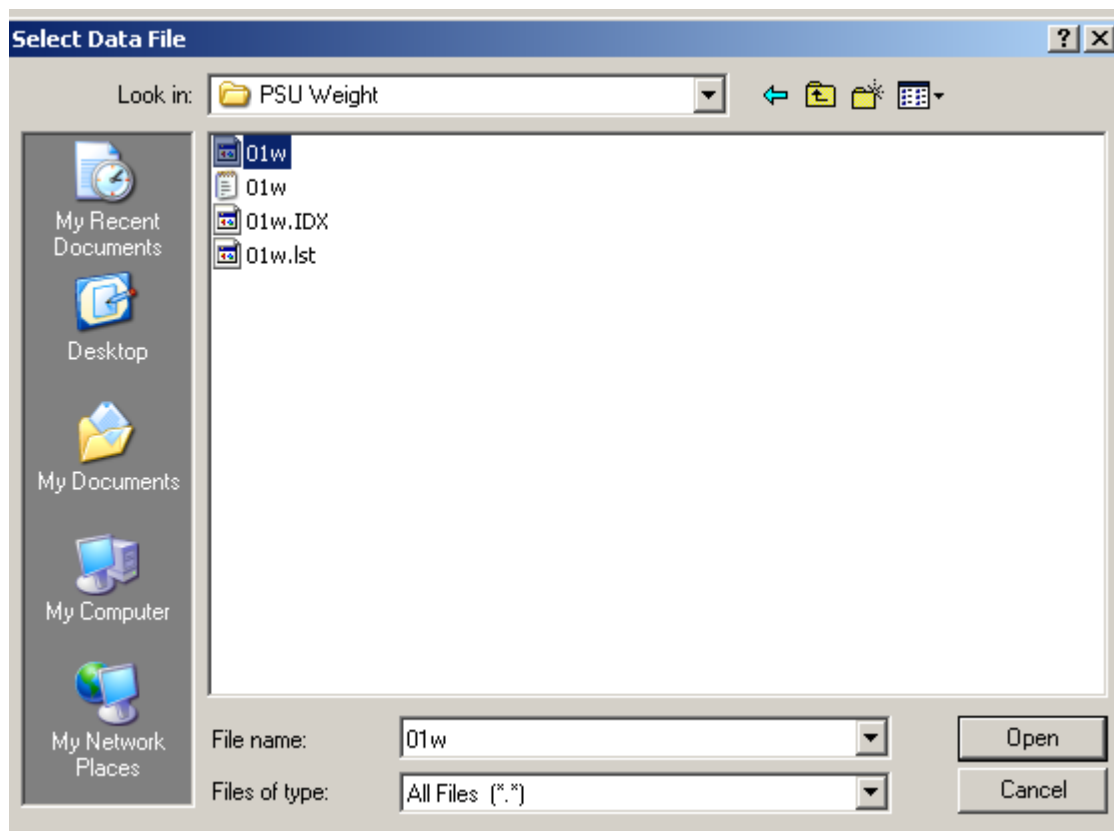
For executing different processes (like Entry PSU Weight, Merging Data, Compute, Fact Sheet) for which supervisor (or supervisor assistant) is authorized, one should click on **DLHS3T** icon then Following menu will be appearing.



Four types of processes – (1) Entry of PSU Weight (2) Merging data (3) Compute (4) Fact Sheet can be executed **from** this menu. For executing any process one should click on menu. Clicking on Quit will close the processes.

### ***Entry PSU Weight Data***

This program may be executed from machine. Use option P from menu to execute this program. It will use for PSU weight entry after completion of district weight calculation in excel sheet the 50 PSU will enter in this entry package. After clicking the P menu it will ask which file name to save you have save in the path as C:\DLHS3T\PSU Weight\01w as district wise.



Tools Window Help

X [Icons] ?

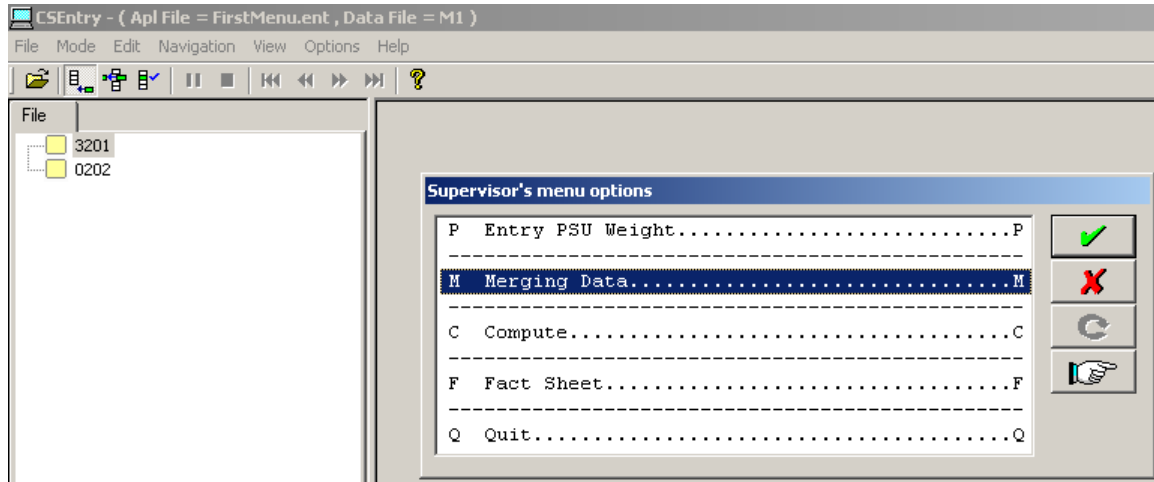
**District Level Household Survey (DLHS III)**  
UNDER  
**REPRODUCTIVE AND CHILD HEALTH (RCH)**  
(2007-08)  
**WEIGHT CALCULATION**

State	<input type="text"/>
District	<input type="text"/>
PSU NO	<input type="text"/>

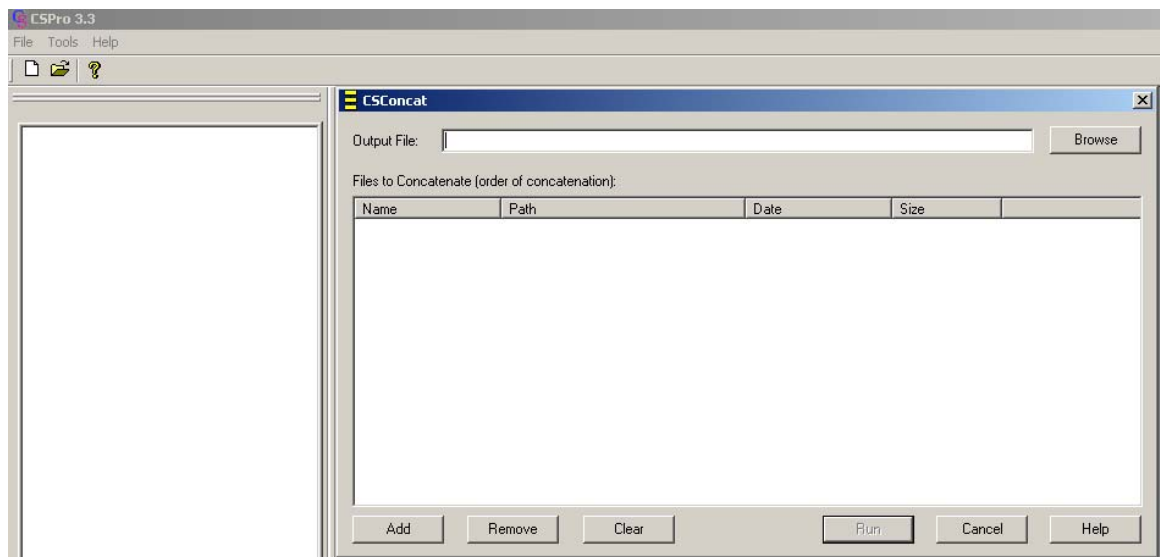


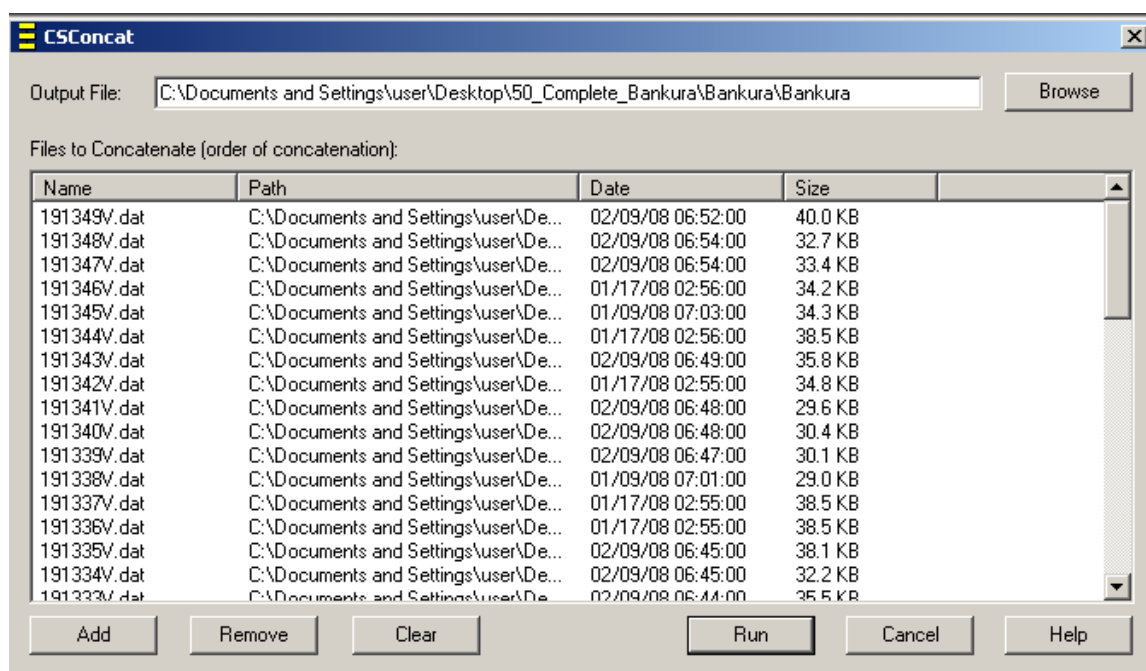
## Merging Data

These reports may be generated by using “M” option from menu is used for concat (Merging data) the data 50 PSU as a complete district data.



Once click on “M”, menu the following contact tools will display.

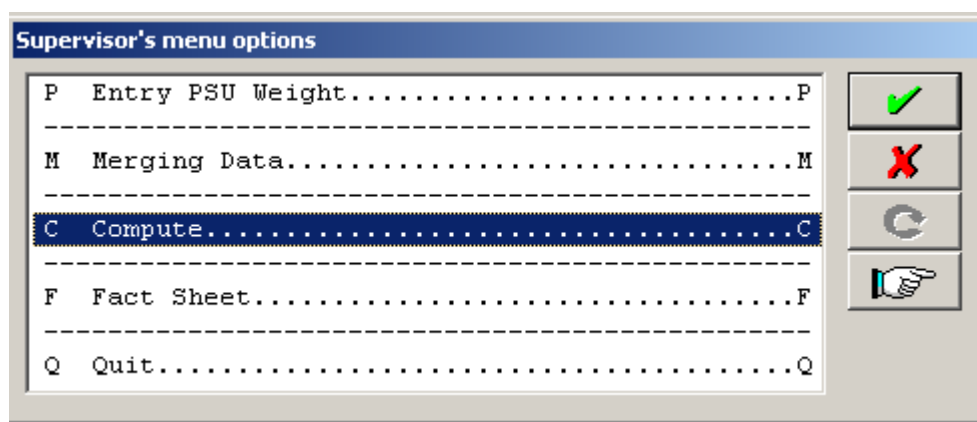




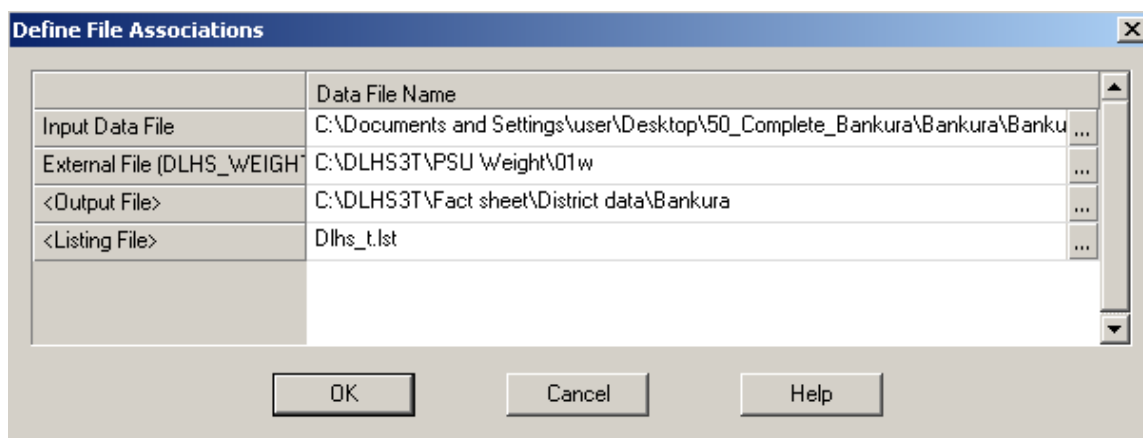
1. The next step you have to click add icon then it will ask data then you have to give 50 PSU of district data you have to give.
2. After putting the 50 PSU of district data file you have to save the file as in the following path C:\DLHS3T\Merged data\Bankura
3. Then the next step is you have to click the run menu then data as merged as district data.

## Compute

For Compute report one should choose “C” option for district respectively. The purpose of computation is for fact generation process some of the calculation will be calculate.



After click the menu for Compute then the following box will display



1. The first step you have to give input data file in the path of **C:\DLHS3T\Merged Data\Bankura**
2. The second step you have to give external file i.e particular district weight entered data you have to give. In the following path **C:\DLHS3T\PSU Weight\01W**
3. The third step you have to save output file in the path **C:\DLHS3T\Fact Sheet\Bankura.out**
4. Next you have to click ok then computation will be complete. After computation the following report will be display.

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CSPRO 3.3 Text Viewer - [DLHS_Compute.lst]
File Edit View Options Window Help
Application C:\DLHS3T\Apps\DLHS_Compute.bch
Type BATCH
Input Data C:\Documents and Settings\user\Desktop\trial data\Patna50
External (WEIGHT_DICT): C:\Documents and Settings\user\Desktop\trial data\patna-weight.dat
<Output> C:\Documents and Settings\user\Desktop\trial data\patna.out

Date May 02,2008
Start Time 11:17:52
End Time 11:17:53

CSPRO Process Summary
+-----+
| 20376 Records Read ( 100% of input file) |
| 0 Ignored ( 0 unknown, 0 erased) |
| 0 Messages ( 0 U, 0 W, 0 E) |
+-----+
| Level | Input Case | Bad Struct | Level Post |
+-----+
| 1 | 981 | 0 | 981 |
| 2 | 1182 | 0 | 1182 |
+-----+

Process Messages

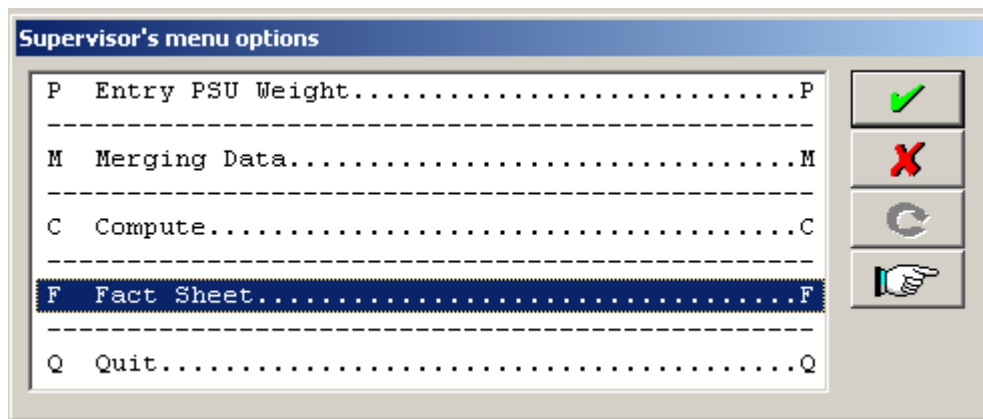
User unnumbered messages:

Line Freq Pct. Message text Denom
----
19 981 - Weight added to Household... -
137 934 - Weight added to Household... -
151 246 - Weight added to Household... -

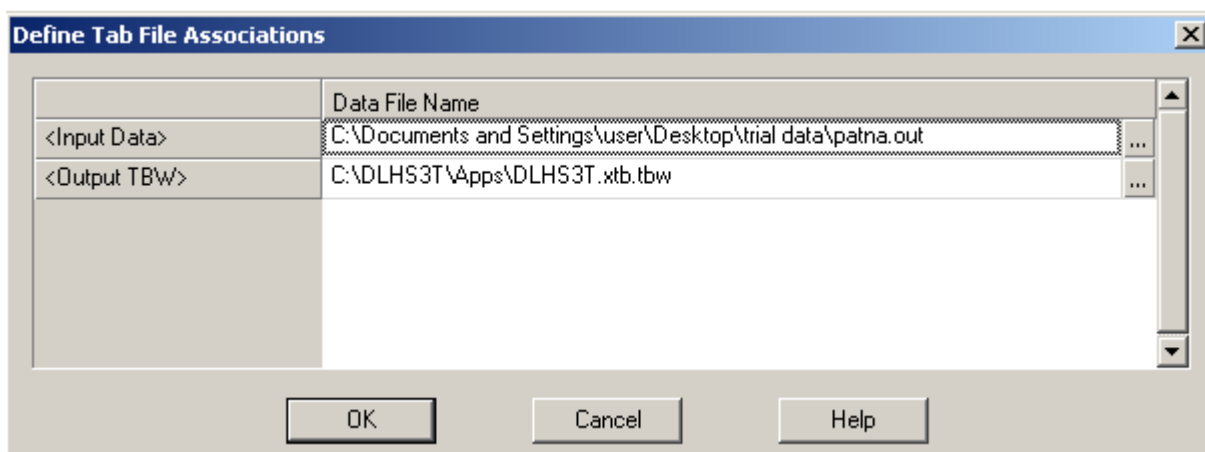
CSPRO Executor Normal End
-----

```

## Fact Book Generation



This program will be executed click the Option “F” gives the tabulation for fact sheet generation process. After click the option “F” then following box will be display.



For tabulation generation you have to follow the process.

1. The first step you have to give input data file in the path of **C:\DLHS3T\Fact Sheet Data\Bankura..out**
2. Next you have to click ok then tabulation will be displayed as given below.

CSPro 3.3 - [DLHS3T.xts]

File Edit View Tools Window Help

Table 1.1 Population and Household Characteristics, -----, 2007-08

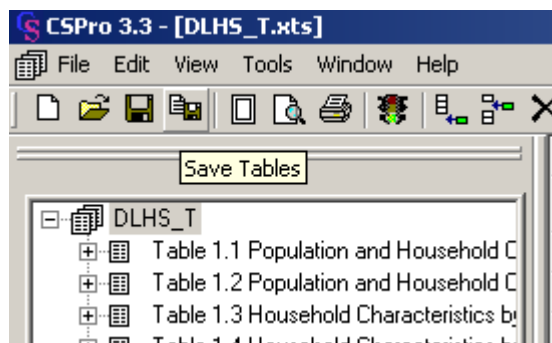
	Type of Locality					
	No	Total	No	Rural	No	Urban
<b>Total Pop Age 7+</b>						
Total	5,197	100.0	2,993	100.0	2,204	100.0
Literate	3,658	70.4	1,938	64.7	1,720	78.0
Non-Literate	1,536	29.6	1,052	35.1	484	22.0
	3	0.1	3	0.1	-	-
<b>Male pop Age 7+</b>						
Total	2,664	100.0	1,515	100.0	1,149	100.0
Literate	2,186	82.0	1,190	78.5	996	86.7
Non-Literate	475	17.8	323	21.3	153	13.3
	3	0.1	3	0.2	-	-
<b>Female pop Age 7+</b>						
Total	2,533	100.0	1,478	100.0	1,056	100.0
Literate	1,473	58.1	748	50.6	724	68.6
Non-Literate	1,061	41.9	729	49.4	332	31.4
	-	-	-	-	-	-
<b>Girls age 6-11</b>						
Total	359	100.0	208	100.0	151	100.0
Attending School	354	98.7	205	98.4	149	99.0
Not attending school	5	1.3	3	1.6	1	1.0
	-	-	-	-	-	-
<b>Boys age 6-11</b>						
Total	438	100.0	256	100.0	183	100.0
Attending School	433	98.9	252	98.4	182	99.4
Not attending school	5	1.1	4	1.6	1	0.6
	-	-	-	-	-	-

The above displayed table like sixteen tables for household will be there you have to see with the help of next option

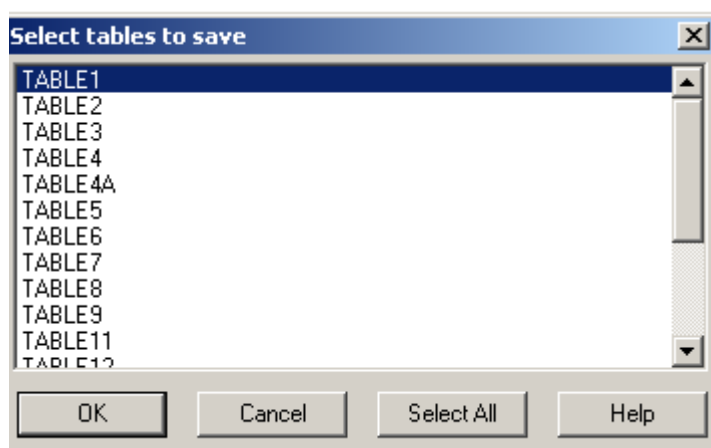


After the table generation the next step you have export the tables in to word format. For export tables to word format you have to follow the process.

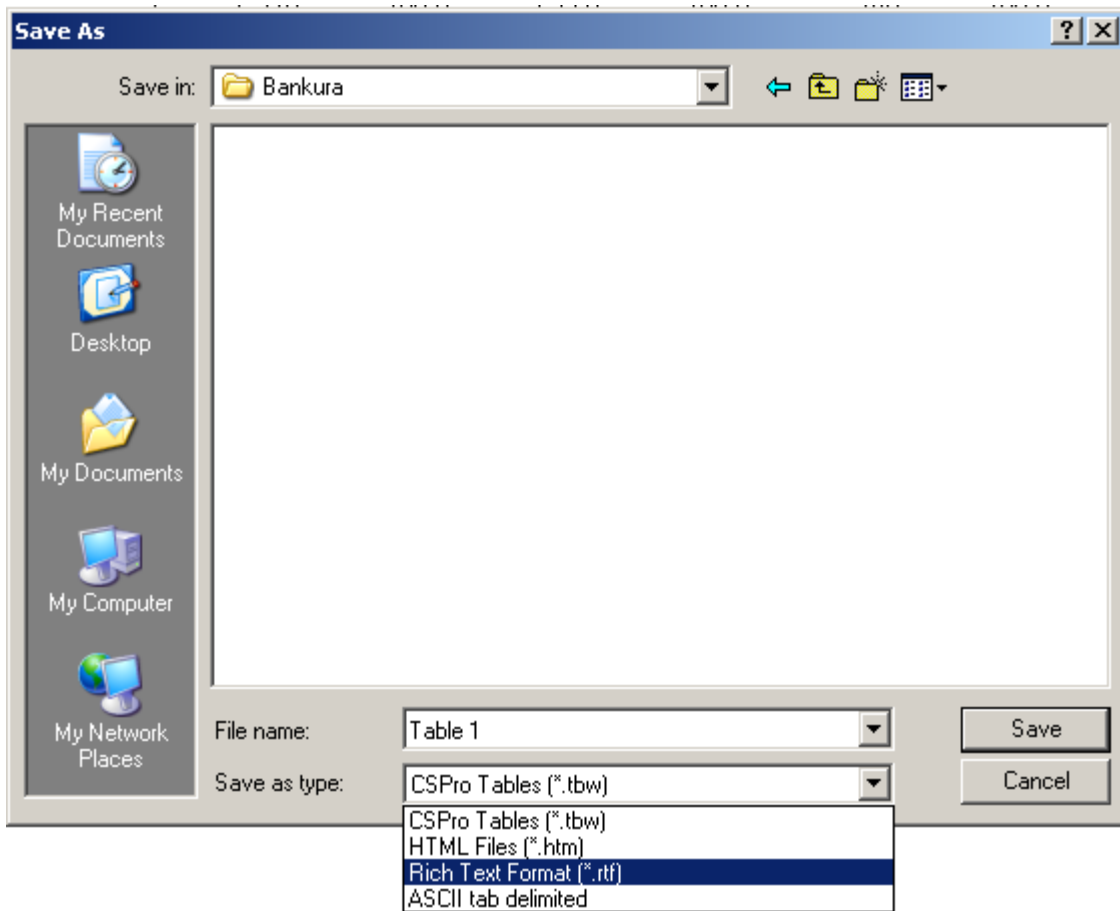
First step you have to click the option save tables



The second step click save table the following box will display, in it you have select one give ok.



After click ok then the following box will display, which format and were to save the tables. Then you have to save as type in Rich Text Format (\*.rtf) and tables save in the following path as district wise C:\DLHS3T\District tables\Bankura.



## KEEP IN MIND

- After approval of district PSU only you have run Fact sheet generation process.
- When you merging data the report will successfully 50 files concatenate will display.
- In compute process the output data should be given **.out extension** for example  
bankura.out
- For tabulation input data **#####.out** only you have to take.
- After completion of a single district please remove the files from the Compute folder.
- In the tabulation highlighted rows and columns should be considered
- In the fact sheet process if data base have any problem then tabulation will not generate.
- The tables you have save one by one only.