2022 ANNUAL POVERTY INDICATORS SURVEY
PUBLIC USE FILE/ MICRODATA
USER'S GUIDE

I. About the 2022 APIS

The 2022 Annual Poverty Indicators Survey (2022 APIS) is the fifteenth in a series of poverty indicators survey conducted nationwide since 1998. The survey gathers data that can be used to generate non-income indicators related to poverty that will be used to assess and monitor the non-income-based poverty situation in the country. It also includes questions about access to drinking water, sanitation, and hygiene as a commitment to the Sustainable Development Goal (SDG) 6 to monitor people's access to drinking water, sanitation, and hygiene. Moreover, data from this survey will serve as input in the development of the Multi-dimensional Poverty Index (MPI).

Specifically, it provides indicators on the socio-economic profile of families and other information that are related to their living conditions in relation to the following indicators:

a. owner-like possession of house and lot and the types of the materials of the roofs, walls of their housing units, and floor materials;
b. type of toilet and handwashing facility they use in their homes, the main source of water supply, and source of drinking water;
c. presence of electricity and ownership of household conveniences;
d. use of internet and online transactions;
e. schooling status of 5 to 24 years old;
f. children 6-11 years old enrolled in Grade 1 to Grade 6;
g. children 12-17 years old enrolled in junior high school (Grade 7 to Grade 10);
h. educational assistance;
i. health status of family members;
j. who avail of loan/s and its sources;
k. who received and availed of selected social protection programs; and
l. perception of feeling safe in the community and other institutions.

This survey covered a national sample of around 44,000 households deemed sufficient to provide estimates about the population at the regional level. Hence, tabulations and cross-tabulations of variables at lower geographic levels are not advisable since the results may not be statistically reliable.

II. APIS Public Use File (PUF)/Microdata

The APIS PUF which is in Census and Survey Processing System (CSPro) format comprised of data dictionary (.dcf) and the text file (.dat).

There are seven record types in this PUF:

1. Household Record (derived variables) - contains variables relating to the socio-demographic characteristics of the household/family head (i.e., age, sex, marital status, highest grade completed, current grade, why not attending school), urban–rural indicator, and household/family weight.

2. Person Record - contains variables relating to the socio-demographic characteristics of family member/s (i.e., age, sex, marital status, highest grade completed, current grade, why not attending school, health, educational assistance, and migration experience).

3. Social Protection Record - contains variables relating to the social protection programs received by the family members (i.e., social insurance, social assistance, labor market intervention, government feeding programs, PhilHealth, children protection, and disaster preparedness).

4. Access to Government Services Record - contains variables relating if the any member of the family went to a government facility, asked or received money from government employee.

5. Housing Record - contains variables relating to housing characteristics of the household (i.e., type of building, type of construction materials, tenure status, household assets, and floor area)

6. Water and Sanitation - contains variables relating to water and sanitation of the household (i.e., source of drinking water, main source of water, kind of toilet facility, and hand washing facility)

7. Other Relevant Information - contains variables relating to availment of loan, total monthly income, weekly food consumption, and internet use.

III. Installation of the Statistical Software (CSPro)

CSPro is a software package for entry, editing, tabulation, and dissemination of census and survey data. CSPro combines the features of the Integrated Microcomputer Processing System (IMPS) and the Integrated System for Survey Analysis (ISSA).

CSPro lets you create, modify, and run data entry, batch editing, and tabulation applications in a single, integrated development environment. It processes data on a case basis (one or more questionnaires), where a case can consist of one or many data records. The data are stored in files described by data dictionaries. CSPro contains a powerful common procedure language to implement data entry control and edit rules.

CSPro also provides tools to view data and other text files, to view tables created by CSPro, and to convert IMPS and ISSA data dictionaries to and from CSPro.

CSPro was developed jointly by the U.S. Census Bureau, ICF International, and Serpro, S.A., with major funding from the U.S. Agency for International Development. CSPro is in the public domain. It is freely available for download and may be freely distributed. It is available for download at https://www.csprousers.org/downloads/.

CSPro runs under Windows Vista, 7, 8, and 10. It does not run under other operating systems such as Linux or Mac OS. It is a public domain product, so it can be used and distributed at no cost.

The CSPro installer has the file name **cspro7.7.0.exe.** For this survey, CsPro version 7.7.0 will be utilized.

The following are the steps in installing the software:

1. Double-click on the installer (cspro7.7.0.exe).
2. Read and accept the U.S. Census Bureau's license agreement
3. Select the components that you want to install. Generally, it is suggested to install all of the components.
4. Select the folder where you want to install CSPro.

After CSPro has been installed on your computer, you will have the option to run the program and/or view the release notes.
You will find a CSPro 7.7 icon on your desktop that you can double-click on when you want to run CSPro in the future.

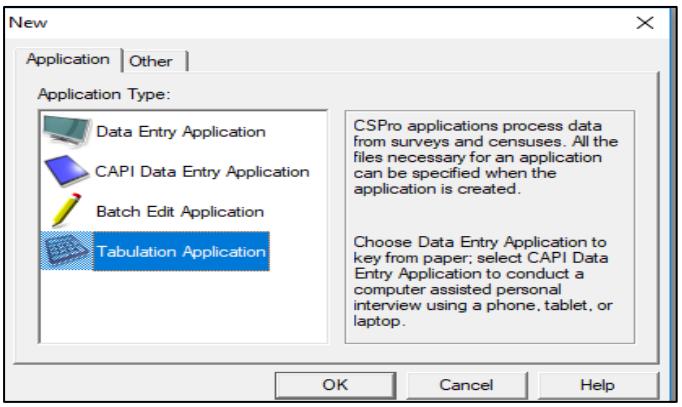
IV. Generation of Tables Using CSPro

To generate statistical tables using CsPro:

1. Open the CSPro software (either through the shortcut created in your desktop or through the file directory)

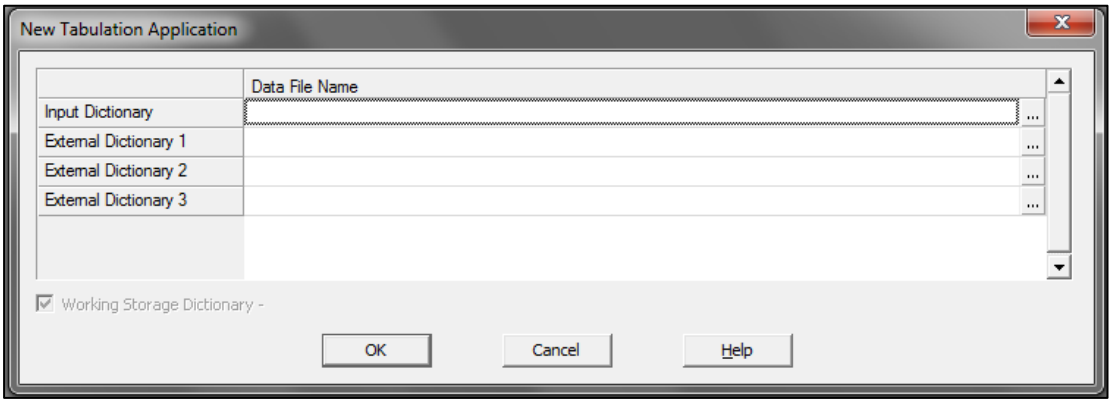
2. Once opened, select *Create a New Application*

3. Select *Tabulation Application* then click **OK**



4. Once prompted, specify the folder name, supply the file name then click **Save**

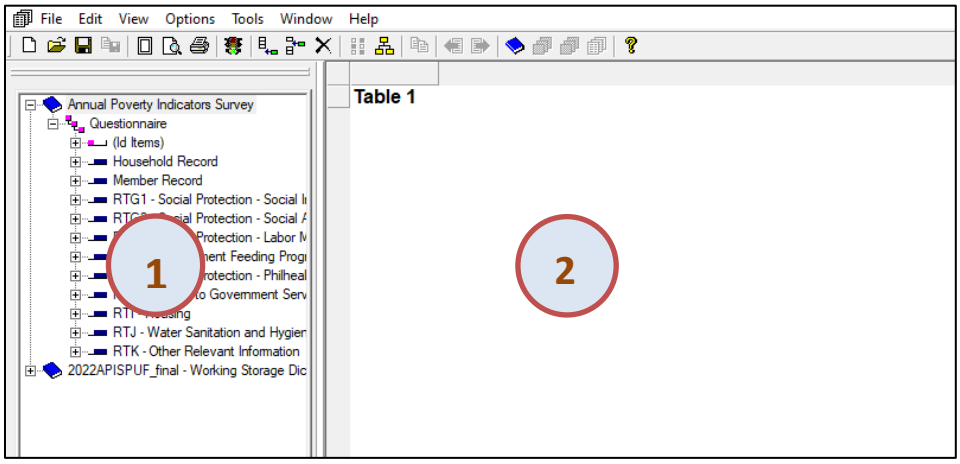
5. After saving, a window will appear:



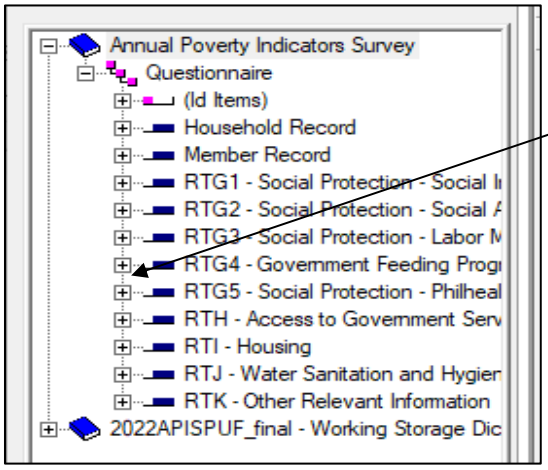
Click **"…"** adjacent to the Input Dictionary to look for the input dictionary, which is in **.dcf format**.

- After clicking "**…**", select the appropriate file (**2022APISPUF.dcf**).

- After creating a tabulation application, a new window will appear

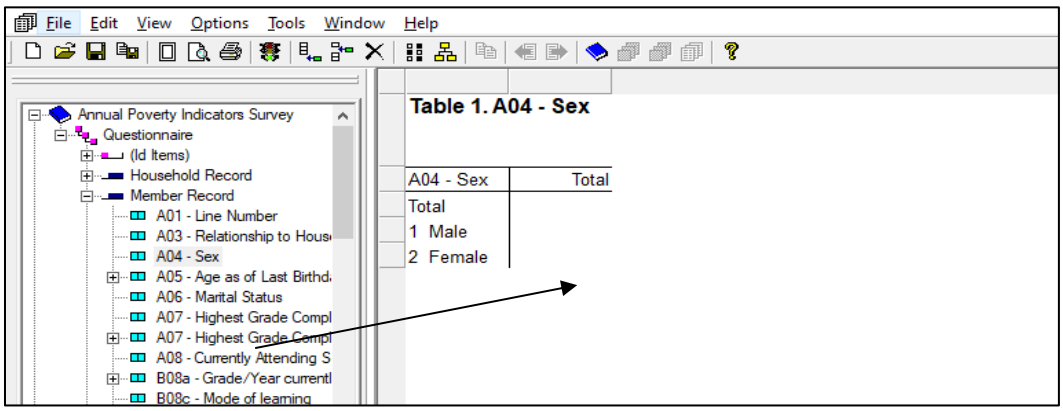


(1) – shows the different record types that may be found within the data dictionary



The **[+]** sign found on the leftmost side of each record type presents the different variables within the record

(2) – space where you can drag and drop variables from **(1)** to formulate table specifications

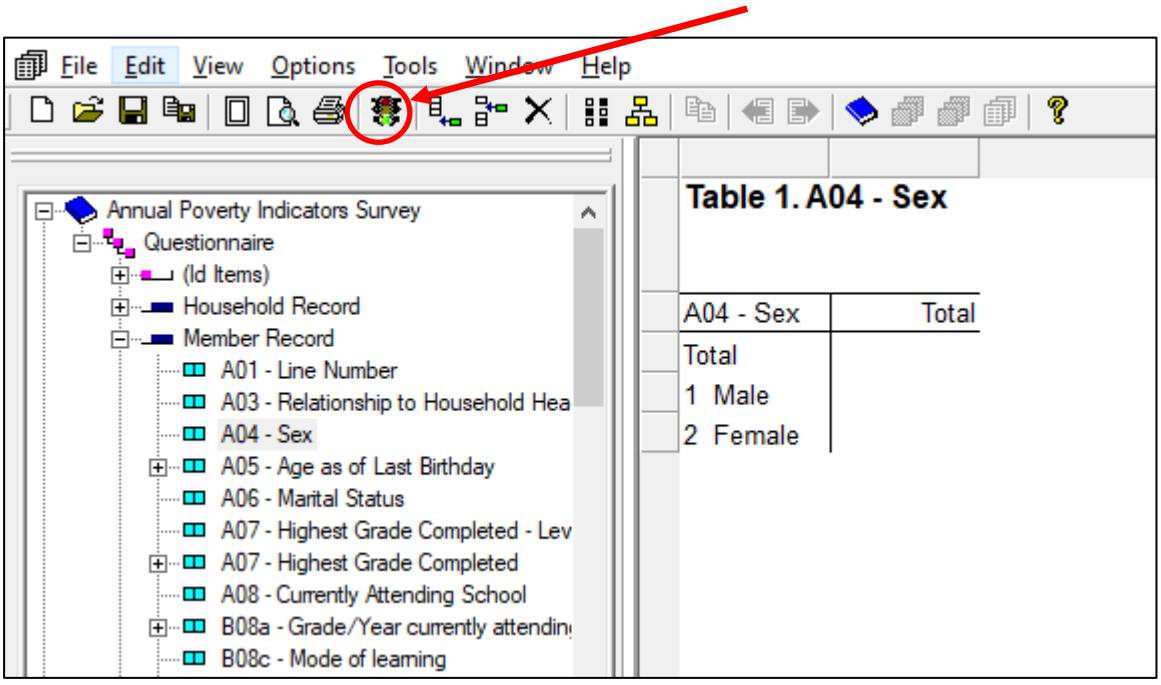


A vertical bar  indicates that it will be column variable while a horizontal bar  indicates that it is a row variable.

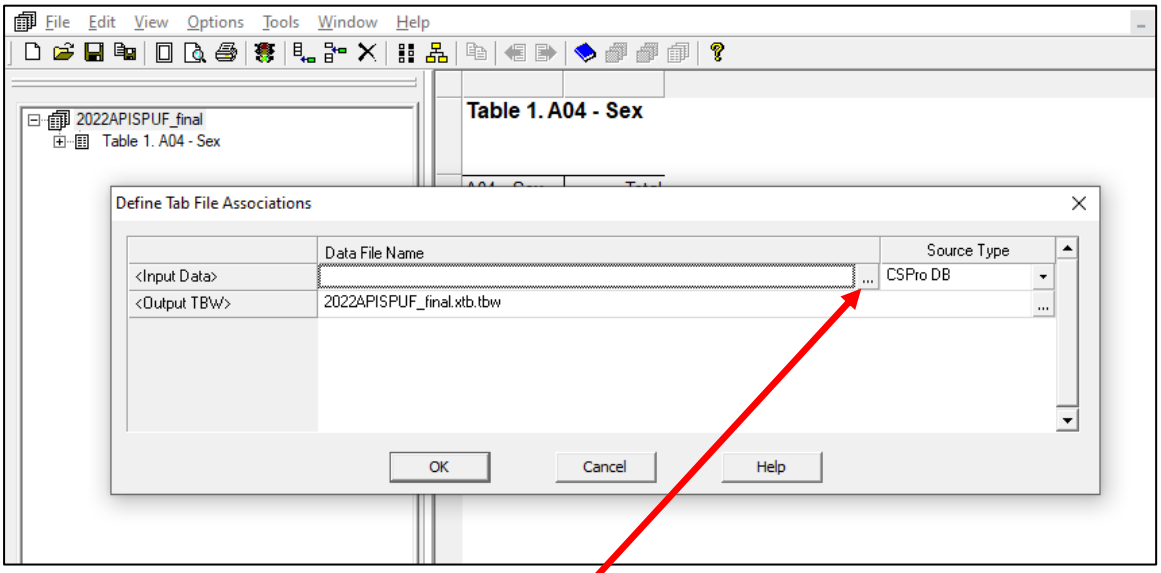
Tally Attributes

- **Table (Subtables)**: Allows you to choose to modify the tally attributes of either the entire table or one of the subtables.
- **Unit Tallied**: Allows you to change the unit of computation for the selected subtable. The unit of computation is the level, record or item in the dictionary that is counted for the tally.
- **Value Tallied**: Optional name of a numeric item in the dictionary whose value would be tallied into the data cells instead of the unit (one) tally.
- **Weight**: Optional name of a numeric item in the dictionary that contains the inflation factor (weight) for a survey case.
- **Universe**: An expression that restricts the data used for tabulation. When a universe is defined, CSPro will tabulate only those data records in the questionnaires that meet the conditions specified.
- **Tab Logic**: Used to modify the values of variables in the case during tabulation. This is used mainly for recodes of existing main dictionary variables into new variables used in the table.
- **PostCalc:** Used to modify values in the table after the tabulation is complete. This logic can be used to add values to the table calculated from the tabulated data such as ratios.

6. After selecting the variables to be tabulated, click the run icon



7. Once the Run button has been clicked, a new window will appear.



Input the PUF datafile by clicking the (…) button, then click **OK** once located.

After clicking OK, the table will now be generated.

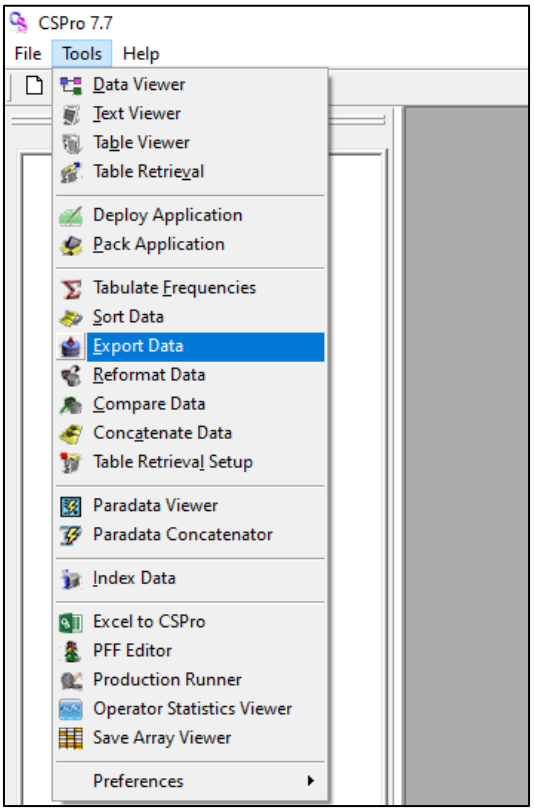
V. Exporting Data to Other Statistical Packages

Export Data is a CSPro tool that allows you to export data from a CSPro file to statistical analysis packages such as SPSS, SAS, Stata, or R, by creating a data file and corresponding data description files for these packages. It also allows you to export data to tab, comma, or semicolon delimited text files. This is useful for sending data to a variety of software packages such as spreadsheets, text processors, or databases.

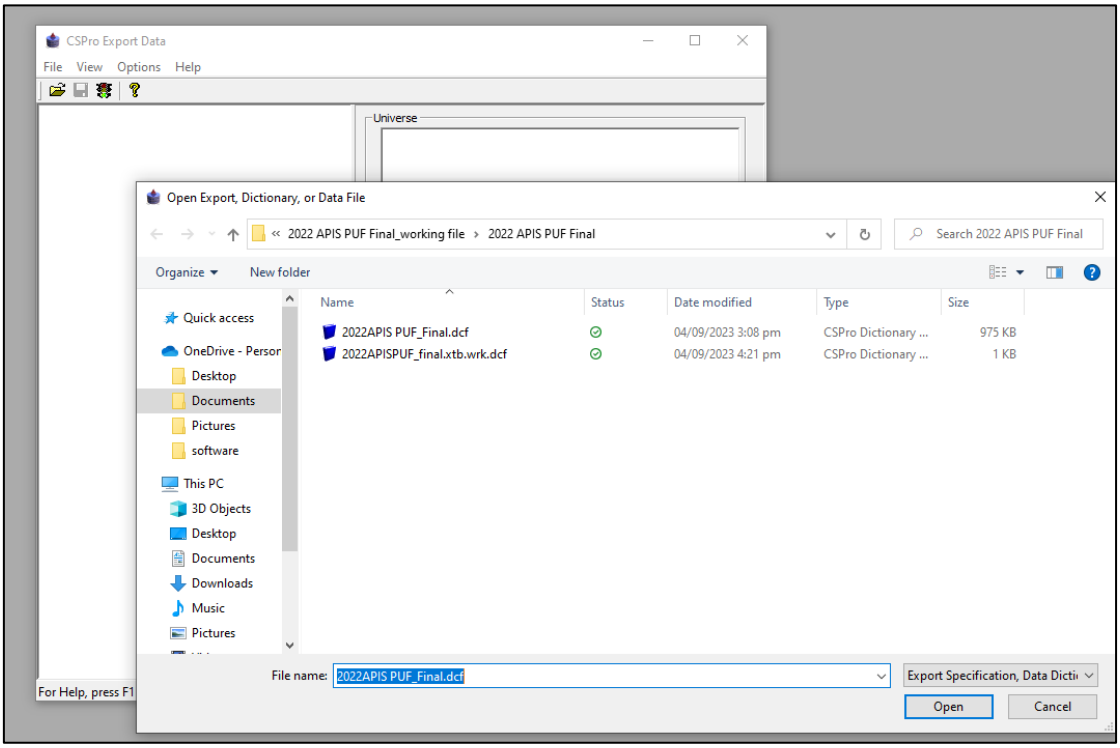
Data description file can also be exported as DDI XML or CSPro XML metadata files. DDI XML is a standard format for documenting microdata and these files can be used with tools such as the International Household Survey Network's Microdata Management Toolkit and National Data Archive (NADA). CSPro XML files can be used by advanced users who wish to write their own scripts to import data files into packages not otherwise supported by the Export Data tool.

Finally, Export Data allows you to export data in CSPro data format creating a CSPro dictionary for the new file.

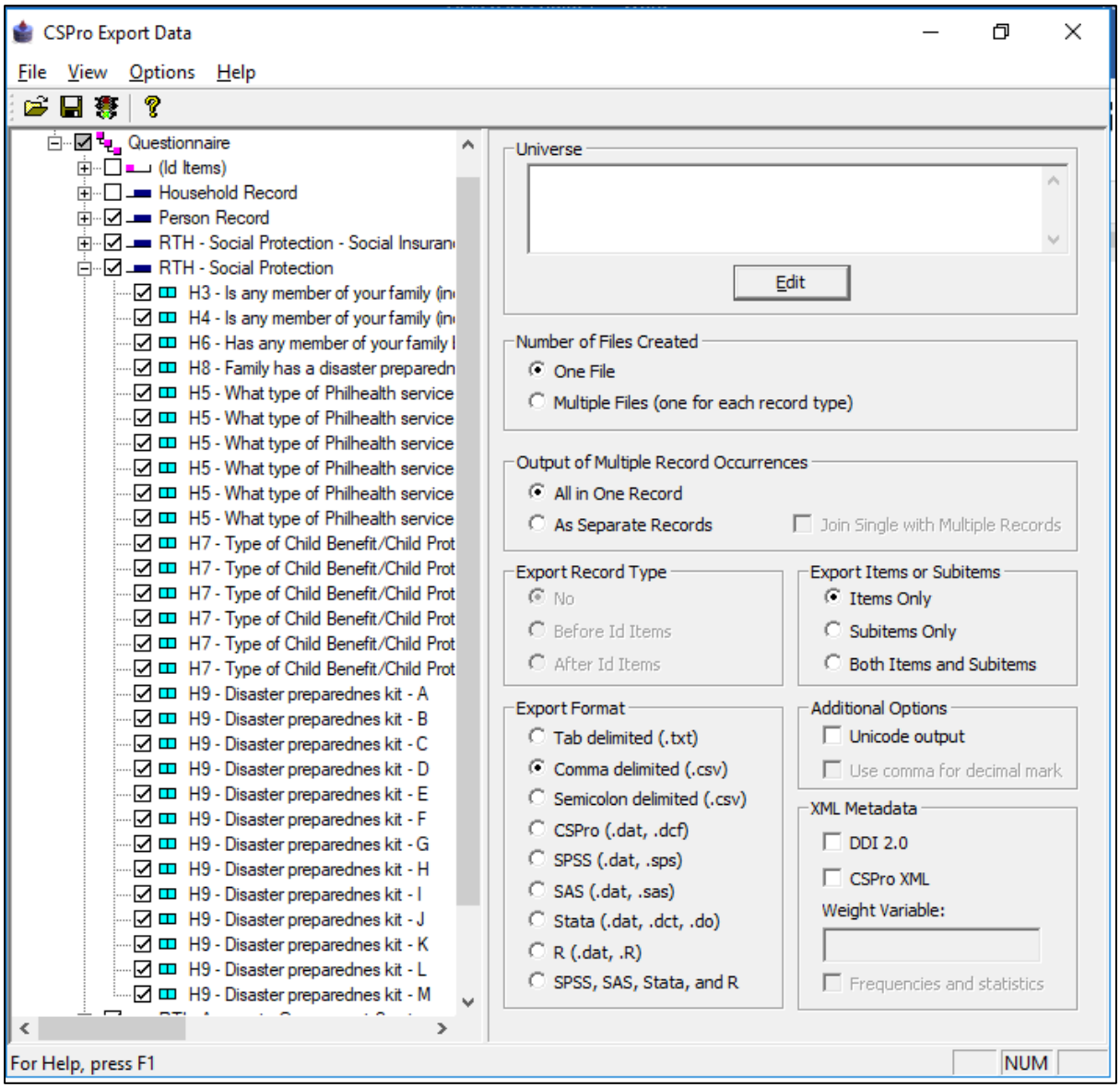
1. To use **Export Data** go to the **Tools** menu and select **Export Data**.



2. Select the CSPro dictionary for the data file you want to export.



3. To select an item for export, click in the box for the item to be selected. A tick mark will appear for selected items. Clicking on a selected item again will deselect that item. Clicking in the box before the record type, will select all items contained in the record.



4. Run export, Click on the toolbar; or from the **File** menu, select **Run**; or press **Ctrl+R**.

5. Choose the data file you want to export data from.

6. Give the name(s) of the file(s) where the exported data will be written.

   The exported files and any description files may be displayed in the Text Viewer when the export is completed.

Source: https://www.csprousers.org/help/CSExport/introduction_to_export_data.html