

Using TextWare with the 1993 Statistical Abstract of the United States on Compact Disc



Using the 1993 Statistical Abstract with TextWare

TextWare Lite

The 1993 Statistical Abstract on CD-ROM contains a software program known as TextWare Lite. TextWare allows data users to both view statistical tables and images from the Statistical Abstract onscreen.

TextWare is a shareware software program. As a shareware program, it was designed to work directly with ASCII files. As a result, the Census Bureau is only using a subset of the available menu options on the software (for a listing of unusable menu options, refer to page 2). The Census Bureau plans to use some of these additional menu options on future releases of the Statistical Abstract product.

Just Say "GO"

As with most other Census Bureau CD-ROM software applications, using TextWare is as easy as typing "GO." Place the 1993 Statistical Abstract CD-ROM into your reader, change the drive letter designation, and type the word "GO." For example:

The 1993 Statistical Abstract on CD-ROM

The 1993 Statistical Abstract of the United States is the standard summary of statistics on the social, political, and economic organization of the United States. Published since 1878, the 1993 Statistical Abstract is the first to be released on Compact Disc-Read Only Memory (CD-ROM). The Statistical Abstract on CD-ROM contains data from a variety of statistical publications, both government and private. For the most part, data in the Statistical Abstract is presented for the nation, although many tables present data for regions and individual States. A small selection of tables also present data for metropolitan areas and cities. TextWare software allows data users to access this impressive data set from the Census Bureau and other government and private resources on your personal computer.

C:\> D: [ENTER]

D:\> GO [ENTER]

Where D:\ is your designated CD-ROM drive designation. The software then displays a screen describing methods of downloading and printing the technical documentation for the CD-ROM. For now, just press any key so that we can begin our tour of the 1993 Statistical Abstract on CD-ROM and TextWare.

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The initial menu in TextWare contains three options, including **Open**, **Printer Setup**, and **Exit**.

Select **Open**.

Selecting **Open** from the menu will reveal a list of 1993 Statistical Abstract topics.

Select **Sec. 01: Population**

Selecting this topic will open all tables related to population data from the Census Bureau and other sources. The resulting list will display on the screen. Note that each table consists of a card number, table number, and table name. The card number is an important number to remember for future viewing. For this exercise, we will use *Table 27: Center of Population*, which we will reference as Card 29.

Press [ALT]-S

Pressing this key combination brings up the search menu from the menu command bar located at the top of the screen. When using commands on the menu bar, the [ALT] key and highlighted letter will access the pop-up menu on the command bar.

Press C

Pressing "C" accesses the "Go to Card" menu option. With main menu options, pressing a highlighted letter executes the option. A pop-up box appears requesting a "card number."

29 [ENTER]

Enter the number "29" and press return. TextWare will then display Table 27. Notice that the table name and number are highlighted in light blue. Also note that the words "Image Link" appear in the

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lower left-hand corner of the screen. These two cues indicate that there is an associated chart or map image "linked" to the table. To view the image, press [ENTER] with the cursor in the light blue area. If your computer has sufficient memory, the image will be displayed to your computer screen. If you experience screen flicker, then your computer probably does not have enough memory to display the image. To view off-screen portions of the image, use your arrow keys; [Home] and [End] keys, and [PgUp] and [PgDn] keys. When you are done viewing the image, press [ESC] to return to your table.

To view a portion of the table not visible onscreen, use your arrow keys or [PgUp] and [PgDn] keys. If you have a mouse, you may also use the movement icons in the upper right hand corner of the screen to perform the same tasks.

Using the Index

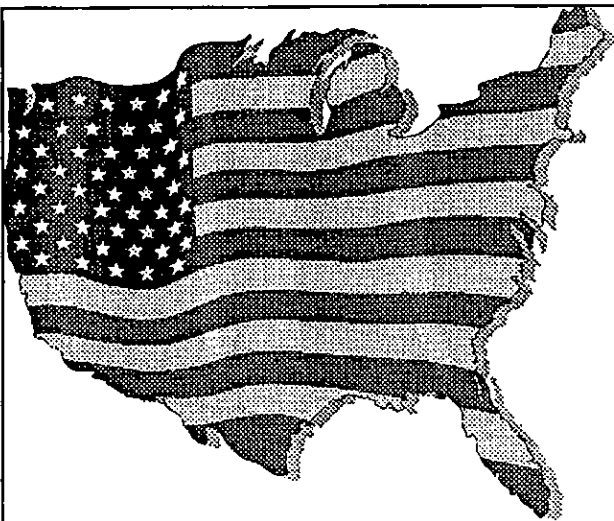
The *1993 Statistical Abstract on CD-ROM*, like its printed counterpart, contains an index to search for information by broad topics. In the following example, we'll try to find data on *Somalia* using both the index and a second search method.

[ALT]-F

Select File from the command bar.

C

Select Close from the available options to return to the initial menu screen.



Menu Options: A Note

A subset of menu options available in TextWare are not being used on the *1993 Statistical Abstract on CD-ROM*. These items are listed below according to their appearance within main menu options.

File

Selecting CardFiles to Open

Path to additional CardFiles

Message: "The directory can't be accessed."

F5 Mark or Unmark

Feature will mark or unmark all files, but only the first file on the list is selected.

Shift+F5 Mark or unmark all

Will mark or unmark all files, but only the first file on the list is selected.

Entering a Search

F9 Dictionary

Message: "Search dictionary does not exist."

Search

The following options are unavailable:

Dictionary	F9
Files	ALT+F5
Groups	ALT+F9
Templates	Shift+F10
Bookmarks	ALT+F10
Go to Group	
Go to File	

Options

The following options are not available although the toggle marks will switch on and off.

Synonyms	F8
Segmenting	
Card Number Display	
Order of Results	
Cursor Size	

The aforementioned menu options are *not* necessary for performing searches, viewing tables, or displaying images from the *1993 Statistical Abstract*.

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O

Select **Open** from the initial menu screen. The listing of topics appears.

Index [ENTER]

Page down to the bottom of the listing, highlight the **Index** option and press [ENTER]. An alphabetic listing of available topic appears on the screen, similar to the printed index available in the *Statistical Abstract*.

[ALT]-S

Press the [ALT]-S key combination to bring up the **Search** menu. Press [Enter] to begin your search. For this exercise, we will search for tables related to *Somalia*.

Somalia [ENTER]

After you press the return key, TextWare will search the index for the word *Somalia* and display the message, **1 hit, Index, Somalia**. This indicates that TextWare found one match in the index to the word, *Somalia*.

[ESC]

[F2]

To view the match, press the escape key and then [F2] for **Next Match**. The resulting message states: **Somalia. See Foreign Countries**. Following the above steps, substitute the words **Foreign Countries** for the word *Somalia*. The resulting search produces one hit and indicates that table 1381 contains data on foreign countries. Table 1381 contains data on *Death Rates, by Selected Causes – Selected Countries*. Unfortunately, Table 1381 does not contain data on *Somalia*. This exercise demonstrates the limitations of the broad, topical index. Let's try a second method for finding our data on *Somalia*.

Searching All Tables

Once more, close the index by selecting **File** and **Close** from the command bar. **Open** the **All Tables – Statistical Abstract** option from the initial menu, located at the bottom of the listing.

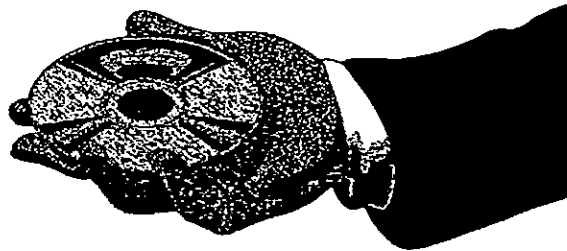
[ALT]-S

[ENTER]

Select the **Search** feature from the command bar and press [ENTER] to begin your search.

Somalia [ENTER]

Once more, type *Somalia* at the prompt. TextWare now searches all tables in the *Statistical Abstract* for the word *Somalia*. The resulting listing reveals that six tables contain data on *Somalia*. Each of the tables listed in this fashion actually contain data on *Somalia*. Searching all tables is usually a more effective method of finding specific data items within the *Statistical Abstract on CD-ROM*.



Printing Tables

TextWare allows data users to print tables to a wide variety of printers. Before we print a table, let's take a closer look at the **Printer Setup** menu.

[ALT]-F	File
C	Close
Printer Setup	Open printer menu.

The printer setup menu allows you to modify a variety of printer settings, including Printer Type, Print Devices, Print Size, Lines Per Inch, Page Orientation, and any special setup codes required to use your printer. Once you've finished modifying the printer attributes, press [ENTER] or click on [OK] to accept the settings. Note that the printer settings can also be modified while viewing a table by selecting **File** followed by **Printer Setup**. Now that your printer settings are correct, return to the **Center of Population** table (Card 29) to begin the printing process.

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[ALT-F]

File

P

Print

Once you've returned to Table 27: *Center of Population*, access the file menu and select **Print**. TextWare prompts you to print either the **Current Card** or **Blocked Text**. Select **Current Card** to print all of Table 27. Select **Blocked Text** to print a portion of the table. For now, select **Current Card** and press return.

Current Card [ENTER]

TextWare displays the onscreen message, "Printing..." The table will print to the printer designated in your printer setup and appear like the table illustrated in Figure 1 (see below).

Figure 1

["Center of population" is that point at which an imaginary flat, weightless, and rigid map of the United States would balance if weights of identical value were placed on it so that each weight represented the location of one person on the date of the census]

YEAR	North latitude			West longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
1790 (August 2)	39	16	30	76	11	12
1850 (June 1)	38	59	0	81	19	0
1900 (June 1)	39	9	36	85	48	54
1950 (April 1)	38	50	21	88	9	33
1960 (April 1)	38	35	58	89	12	35
1970 (April 1)	38	27	47	89	42	22
1980 (April 1)	38	8	13	90	34	26
1990 (April 1)	37	52	20	91	12	55

YEAR	Approximate location
1790 (August 2)	23 miles east of Baltimore, MD
1850 (June 1)	23 miles southeast of Parkersburg, WV
1900 (June 1)	6 miles southeast of Columbus, IN
1950 (April 1)	8 miles north-northwest of Olney, Richland County, IL
1960 (April 1)	In Clinton County about 6.5 miles northwest of Centralia, IL
1970 (April 1)	5.3 miles east-southeast of the Mascoutah City Hall in St. Clair County, IL
1980 (April 1)	.25 mile west of DeSoto in Jefferson County, MO
1990 (April 1)	9.7 miles southeast of Steelville in Crawford County, MO

Options for Viewing Tables

In the event that your computer cannot display a specific image contained on the 1993 Statistical Abstract CD-ROM, you can probably display the image by using the **TWPCX.exe** executable file contained on the disc. First, exit TextWare. Next, change the subdirectory to **C:\ABSTRACT** by typing:

D:\> CD\ABSTRACT

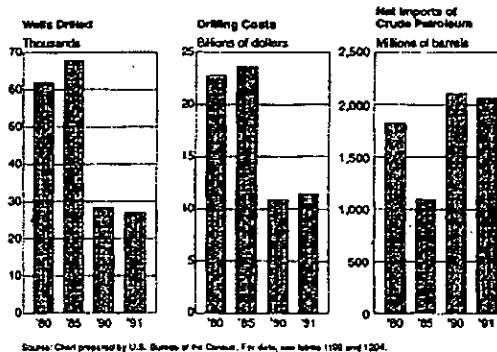
D:\ABSTRACT> TWPCX [PCX file name]

The PCX file name, in this case, is normally named using the following naming convention:

93S####

Where 93S stands for the 1993 Statistical Abstract and #### is a four-digit number that matches the associated table number. For example, Figure 25.1 (illustrated below), is associated with Table 1199. Its PCX file name is 93S1199.pcx. This PCX file was directly imported from the CD-ROM into a desktop publishing package for use in this guide.

Figure 25.1
Wells Drilled and Drilling Costs for Crude Petroleum and Natural Gas: 1980 to 1991



Using the Lotus 1-2-3 Files

The 1993 Statistical Abstract on CD-ROM contains an impressive array of data sets stored on the disc as Lotus 1-2-3 files. These files can be directly accessed by Lotus 1-2-3 and a variety of other private vendor software applications.

The Lotus WK1 files are stored in the Files directory on the CD-ROM in 34 subdirectories labeled SEC01 through SEC31 (the remaining directories are appendixes and the state rankings subdirectories). The naming of individual files follows the naming conventions described above. For example, Table 89 in the Population Sections would be located in the subdirectory **C:\FILES\SEC01** and named **93S0089.WK1**.