

DRAFT

V R S

VITAL REGISTRATION SOFTWARE PACKAGE

INFORMATION AND OPERATING MANUAL

Developed by:
ECLAC/CELADE
Demography Unit

Funded by:
UNFPA

CELADE - SISTEMA DOCPAL
DOCUMENTACION
SOBRE POBLACION EN
AMERICA LATINA

DRAFT

VRS - VITAL REGISTRATION SOFTWARE PACKAGE INFORMATION AND OPERATING MANUAL

BACKGROUND

This package was developed by the CELADE Demographic Unit of UNECLAC in Trinidad and Tobago, for use in the Eastern Caribbean as part of an effort to upgrade Vital Registration Systems in that area.

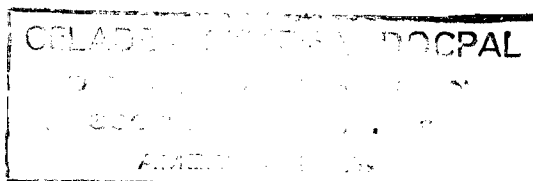
Data on Vital registration in the Eastern Caribbean was either unavailable or available only in a limited form and in most cases several years out of date. This effort was therefore aimed at providing the offices responsible for the collection of such data, with a relatively simple means of compiling and disseminating Vital Registration data.

GETTING STARTED

INTRODUCTION

The Vital Registration Package is a set of utility programs designed to speed up data entry and compilation of Vital Statistics records for Births and Deaths and the dissemination of related statistics. It provides users with a relatively simple and time saving means of entering data and generating tabulations.

The data entry module is a stand alone program written in Clipper and runs on any DOS family microcomputer. It caters for all data generating variables on the current birth and death forms used in St. Vincent and the Grenadines, St. Lucia and other OECS countries. A list of variables for Births and Deaths is shown at Appendix I.



It is a user friendly, menu driven program with options to edit, browse and delete records on the active file. It also caters for the exportation of files for use in statistical packages. Basic instructions for each option are provided at the bottom of the screen. The program also features on-line help facilities for key variables thus obviating the need for data entry operators to learn codes for these variables. These variables are:

For Births and Deaths;

Occupation
Usual Residence
District
Marital Status
Place of Occurrence

For Births

Legitimacy
Sequence

and for Deaths

Cause of Death

Built-in edit checks on Age of Mother, Age of Mother and Parity, and Parity and Parity and Number of Pregnancies have been included in the program. Also included is a duplicate check on the Registration Number.

Tables are generated using the Quicktab option of IMPS or REDATAM 3.1, the data base management program designed by CELADE for the retrieval of small area data from population censuses.

The Vital Registration program caters for the capture of small area data by providing a Usual Residence field as distinct from the Administrative District field.

Next P5

THE MANUAL

The Manual is divided into three Sections:

- (1) Data Entry
- (2) Table Generation
- (3) Appendices

The manual provides instructions in the use of the various options, as well as, general information about the program. *Instructions are typed in italics.*

INSTALLATION

For maximum utility the package is best run from a hard disk with at least 2MB of free space.

- (1) Place the distribution diskette in drive A.
- (2) Log into drive A, by typing "A:" at the Dos prompt.
- (3) From the "A" directory, type "INSTALL" and press [Enter].

A:>INSTALL [Enter]

A "VR" directory will be created and the following files loaded.

VR.EXE	Program
CAUSEDTH	A dBase file containing Cause of Death Codes and descriptions
OCCUP.DBF	A dBase file containing Occupation descriptors
OCCUR.DBF	A dBase file containing Place of Occurrence codes. eg. Hospitals, Health Centres etc.
RESID.DBF	A dBase file containing Usual Place of Residence codes. These codes are also linked to Registration and Census Districts.
DISTRICT.DBF	A dBase file with Registration District codes and Names.
STATB.BAT	A batch file to load QUICKTAB for generating Birth tabulations.
STATD.BAT	A batch file to load QUICKTAB for generating Death tabulations.
REDB.BAT	A batch file to load REDATAM for generating Birth tabulations or database creation.
REDD.BAT	A batch file to load REDATAM for generating Death tabulations or database creation.
BTHS.FRM	A format file for printing the Births (.DBF) file.
DTHS.FRM	A format file for printing the Deaths (.DBF) file.

Sub-directories named "TABLES", "REDB", "REDD" and "WORK" are

created in the VR directory.

The TABLES sub-directory will be used to host the tabulations generated in QUICKTAB. It will also host the Birth and Death Data Dictionary file. REDB and REDD will host the Birth and Death REDATAM databases and WORK, the working files and tabulations from the two REDATAM databases.

The following files will be copied to the VR\REDB sub-directory.

BTHS.GEO
BTHS.DIC
BTHS.NOM
BTHS.CTL

The following files will be copied to the VR\REDD sub-directory.

DTHS.GEO
DTHS.DIC
DTHS.NOM
DTHS.CTL

NOTE: The program may be loaded in any other drive. This will have to be done manually for the time being.

- (1) Create a directory named VR in the designated drive.
?:>md VR
- (2) Log into the VR directory
?:>cd VR
- (3) From that directory, execute the following command with the distribution disk in drive A...
?:\VR> A:PKXARC A:VR

where "?" is the designated drive letter.

- (4) Create a sub-directory called REDB
?:\VR>md REDB [Enter]
- (5) Create a sub-directory called REDD
?:\VR>md REDD [Enter]
- (6) Create a sub-directory called TABLES
?:\VR>md TABLES [Enter]
- (7) Create a sub-directory called WORK
?:\VR>md WORK [Enter]

- (8) Log into the REDB sub-directory.
?:\VR>cd REDB [Enter]
- (9) From the VR\REDB sub-directory type the following.
?:\VR\REDB>COPY A:BTHS.* [Enter]
- (10) Log into the REDD sub-directory.
?:\VR>cd REDD [Enter]
- (11) From the VR\REDD sub-directory type the following.
?:\VR\REDD>COPY A:DTHS.* [Enter]
- (10) Log into the TABLES sub-directory.
?:\VR>cd TABLES [Enter]
- (11) From the VR\TABLES sub-directory type the following.
?:\VR\TABLES>COPY A:VRB.* [Enter] and
?:\VR\TABLES>COPY A:VRD.* [Enter]

In addition, a set of index (.NTX) files are generated on first time execution of the program. These are:

OCCUPC.NTX
OCCUPL.NTX
RESID.NTX

as well as index files for the births or deaths data being entered.
A separate index is created for each year.

SECTION 1 USING THE DATA ENTRY PROGRAM

STARTING THE PROGRAM

Start the program from the VR directory.

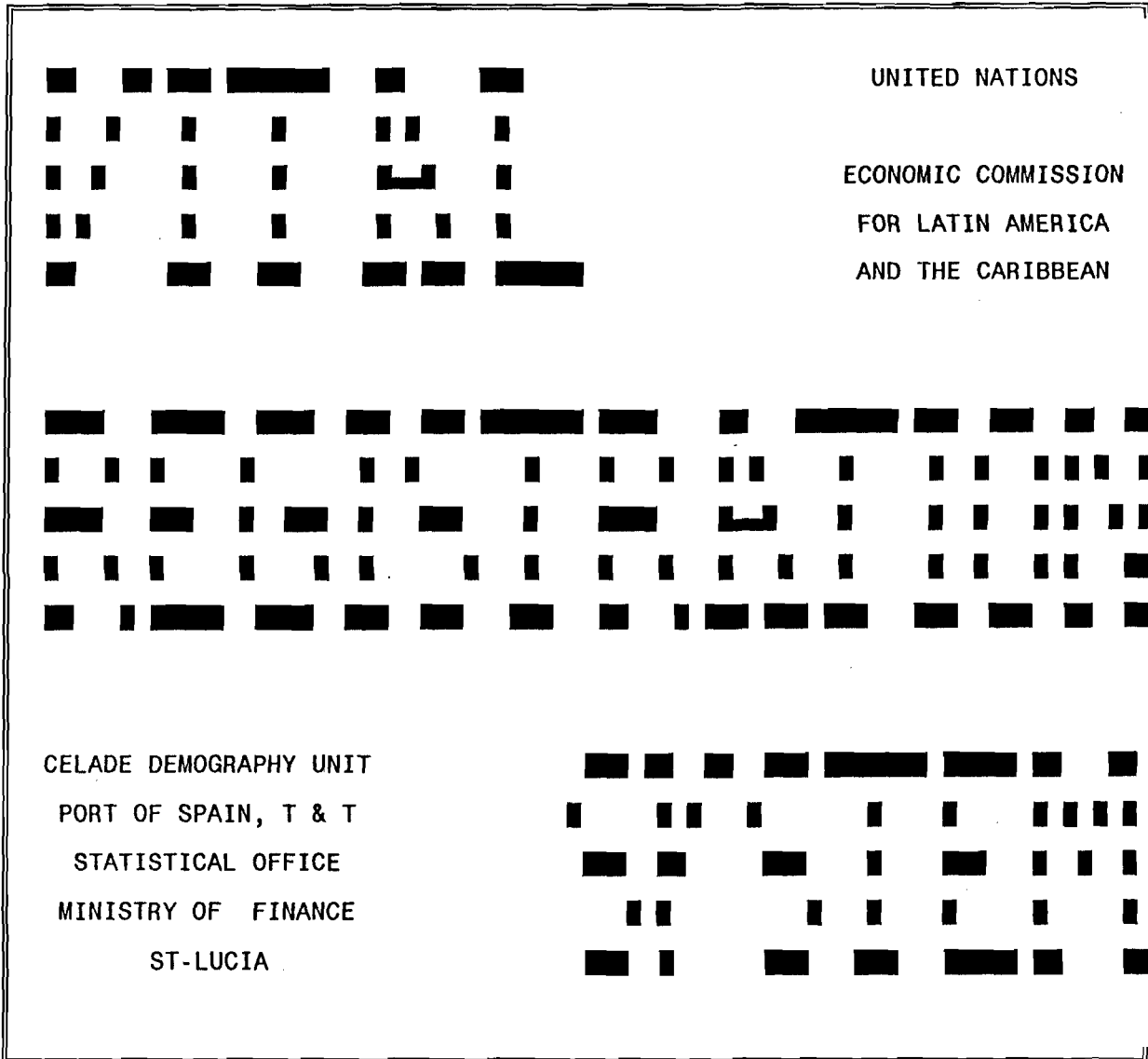
For St. Lucia type VR

C:\VR>VR [Enter]

For St. Vincent and the Grenadines type VR 2 or VG

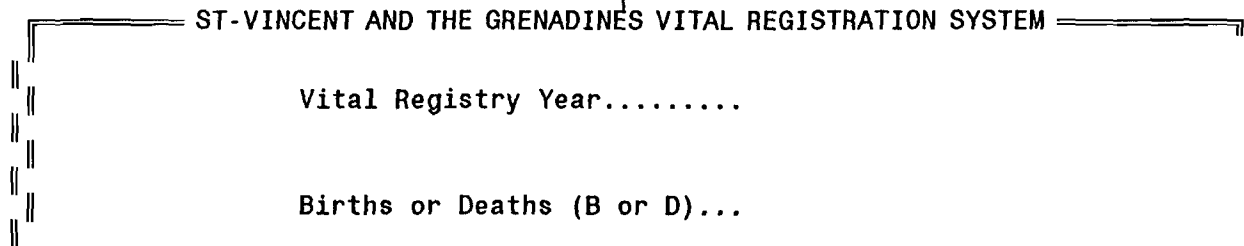
C:\VR>VR 2 [Enter] or C:\VR>VG [Enter]

The program displays the following banner.



Press any key to continue.....

The file access menu is now displayed on the screen.



[Esc] to Exit to DOS

Enter the last two digits of the year for which data is being entered. eg. 90 for 1990 or 91 for 1991. Enter "B" for births or "D" for Deaths.

First Time Execution or Data Entry for New Year

For first time execution, or entry for a new year, the program will display the following on screen message. A similar message appears if "D" is typed instead of "B".

ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM

Vital Registry Year..... 92

Births or Deaths (B or D)... B

[Esc] to Exit to DOS

Registry file does not exist for this year. Do you want to start it ?

Enter Y for yes, N to correct, E for exit Y

Type "Y" to create new file, "N" to correct the entry or "E" to exit the program.

If "Y" is typed the program will create a dBase (.DBF) file with the following convention. The first two digits of the seven digit file name, will identify the country for which the data is being entered. VG for St. Vincent and the Grenadines, SL for St. Lucia etc. The next three will identify whether the file relates to births or deaths. BTH for births and DTH for deaths. The last two digits reflect the year for which the data is being entered. For example the files VGBTH91.DBF and SLBTH91.DBF will represent the 1991 St. Vincent and the Grenadines and St. Lucia Births dBase

files respectively.

For first time execution, the working index (.NTX) files are generated at this point. This may take up to three (3) minutes depending on the type of computer used. The main menu is now displayed.

Existing File

For a file that already exists, the program goes straight into the main menu.

If no working index (.NTX) files are present, the program will generate them before loading the main menu.

THE MAIN MENU

The main menu consists of six (6) options.

```
ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File
1.Add  2.Modify/View  3.Delete  4.Display/Browse  5.Output  6.Exit
```

Add a Registration to the file

- | | |
|--------------------|--|
| (1) Add | Adds records to the current file |
| (2) Modify/View | Allows the user to correct entries |
| (3) Delete | Deletes record from file |
| (4) Display/Browse | Allows the user to scroll through records |
| (5) Output | Creates files for use in IMPS, SPSS or REDATAM |

(6) Exit Returns user to main menu

The following on-screen messages are shown when these options are highlighted.

(1) Add	Add a Registration to the file
(2) Modify/View	Modify/View an entry
(3) Delete	Eliminate an entry from the file
(4) Display/Browse	Display/browse the file
(5) Output	Statistical module/Exportation of Data
(6) Exit	Exit from program

These options may be accessed in one of two ways.

Using the Cursor keys

Highlight the option using the cursor (across) keys and press [Enter].

Typing the related number.

Type the number alongside the option required.

The Escape [Esc] key will exit to the Main Menu from within any of the program options.

It will also exit the main program, taking the user to the Closing Menu, which provides options to go to DOS or return to the main menu.

BIRTH REGISTRATION

(1) Add

This is the default setting for the main menu when it is first loaded. This option allows the user to add records to a file. *Choose this option by typing "1", or by using the cursor keys to highlight the option and then pressing [Enter].*

The following screen is displayed.

```

ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File
1.Add  2.Modify/View  3.Delete  4.Display/Browse  5.Output  6.Exit
    
```

```

Registration:  Number: 00-0001  Month: XX  Year: XX
    
```

	Name and Surname	Age	Occp	Mar. Stat	Usual Resid.	District
MOTHER	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX	XX	XXXX	XXX
FATHER	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX	XX	XXXX	XXX

```

BIRTH  Month of Birth.....: XX    Person Attending.....: XX
        Live Birth .....: X        Gestational Age.....: XX
        Place of occurrence: XX     Ass"d Conditions.....: XXXX
        Parity Order .....: XX     Number of Pregnancies: XX
        Type of delivery ..: X      Interval since last birth : XXX
    
```

```

CHILD  Sex: X    Legitimacy: X  Weight: XXXX    Sequence: X
    
```

First time execution or new year

For first time execution or for a new year the registration number is blank in the case of St. Lucia and shows 00-0001 for St. Vincent and the Grenadines. The registration number is divided into two parts separated by a hyphen. The first part represents the vital registration district code, while the second is the identification number from the births register.

Existing file

For an existing file, the registration number of the last record entered is displayed on the screen in the case of St. Lucia. For St. Vincent and the Grenadines, a registration number which is one greater than the last entered is displayed on the screen.

ST. LUCIA

To access the Data Entry screen, key in the correct registration number. Key all six digits. The cursor moves to the next field after the sixth digit has been typed.

ST. VINCENT & THE GRENADINES

Check whether the registration number displayed on the screen is correct.

If the registration number is correct, press [Enter]

If the number is incorrect, make the necessary changes.

Key all six digits. The cursor moves to the next field after the sixth digit has been typed.

After the registration number has been accepted, the program will display a screen which will allow data entry only in those fields without Xs.

```
ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File
1.Add  2.Modify/View  3.Delete  4.Display/Browse  5.Output  6.Exit
```

Registration:	Number: 01-1132	Month:	Year:
Name and Surname			
Age			
Occp			
Mar.			
Usual Stat			
District Resid.			
MOTHER			
FATHER	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX XX XXXX XXX
BIRTH	Month of Birth.....:	Person Attending.....:	XX
	Live Birth	Gestational Age.....:	XX
	Place of occurrence:	Ass"d Conditions.....:	XXXX
	Parity Order	Number of Pregnancies:	XX
	Type of delivery ..: X	Interval since last birth :	XXX

CHILD	Sex:	Legitimacy:	Weight:	Sequence:
-------	------	-------------	---------	-----------

Current Record Number : 281

NOTE: The program will only accept valid codes in the fields. The program will indicate that a code is not valid by beeping, displaying a message at the bottom of the screen or by remaining in the current field. Data entry can only continue after a valid code is entered.

Blank is valid in all fields except Registration Number, Sex and Legitimacy. More detail on the valid codes for each field is provided in the Section on "Edit Checks" on page 13.

Continue entering data. After data has been entered in the last field, (Sequence) the program prompts the user whether or not to accept the data.

Type "Y" to accept. The program returns to the main menu. Press [Enter] and repeat the above procedure to continue data entry.

Type "N" or press [Esc] to go back to the main menu without accepting the data.

```

┌ ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File ─┐
│ 1.Add  2.Modify/View  3.Delete  4.Display/Browse  5.Output  6.Exit      │
└──────────────────────────────────────────────────────────────────────────┘

```

```

┌──────────────────────────────────────────────────────────────────────────┐
│ Registration:  Number: 01-1132  Month:      Year:                        │
└──────────────────────────────────────────────────────────────────────────┘

```

	Name and Surname	Age	Occp	Mar.	Usual Stat	District Resid.
MOTHER		24	6211	05	0307	003
FATHER	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX	XX	XXXX	XXX

```

┌ BIRTH  Month of Birth.....: 05      Person Attending.....: XX
│
│      Live Birth .....: 1           Gestational Age.....: XX
│
│      Place of occurrence: 01       Ass"d Conditions.....: XXXX
└──────────────────────────────────────────────────────────────────────────┘

```

Parity Order	02	Number of Pregnancies:	XX
Type of delivery ...	X	Interval since last birth :	XXX
CHILD	Sex: F	Legitimacy: 2	Weight: Sequence: 1

Current Record Number : 281

Confirm (Y/N) the addition to the file:

Before accepting the data, corrections may be made on the screen while in the "Add" option.

Move the cursor to the desired field by using the "cursor up" key and make the necessary change(s).

Return to the last field (Sequence), by using the "cursor down" or [Enter] keys. Press [Enter] to receive the acceptance message at the bottom of the screen.

Order of Entry (Births)

The Data entry screen for births separates the event into four components.

- (a) Administrative data on Registration
- (b) Parental Information
- (c) Data relating to the occurrence
- (d) Information relating to the infant

This separation does not mirror the manner in which the data is recorded at the various institutions. The program makes allowance for this by, in most cases, allowing access to the different data fields, in the way in which they are presently being recorded.

The order of entry for St. Vincent and the Grenadines is as follows;

- Registration Number**
- Month of Birth**
- Sex**
- Place of Occurrence**
- Mother's Name**
- Mar. Stat (Mother's Marital Status)**
- Legitimacy**
- Age**
- Parity Order**
- Live Birth**
- Occup (Occupation of Mother)**
- Usual Resid. (Usual Residence of Mother)**
- Month (Registration)**
- Year (Registration)**
- Weight**
- Sequence**

The order of entry for St. Lucia is as follows;

Registration Number
Month of Birth
Place of Occurrence
Sex
Legitimacy
Mother's Name
Age
Parity Order
Mar. Stat (Mother's Marital Status)
Live Birth
Usual Resid. (Usual Residence of Mother)
Occup (Occupation of Mother)
Month (Registration)
Year (Registration)
Weight
Sequence

On-Line Help

On-line help is available by pressing the F1 key when the cursor is in the following fields.

Occupation
Usual Residence
District
Marital Status
Place of Occurrence
Legitimacy
Sequence

There are two types of help screens. Those for Marital Status, Legitimacy, Live Birth and Sequence are simple pop-up reminder screens. Pressing [Esc] will return the user to the "Add" screen.

A more sophisticated help is available for Place of Occurrence, Occupation, Usual Residence and District. Pressing F1 when the cursor is in any of these fields will provide a pop-up screen through which the user can browse by using the cursor keys or the PgUp-PgDn keys. The user may also key any letter in the alphabet

to move to the first entry in the file corresponding to that letter.

Using the On-Line Help

Marital Status, Legitimacy, Live Birth, Sequence Fields

Press F1 in any of these fields. The pop-up screen will provide the valid codes for these fields. Press [Esc] to return to "Add" screen.

Place of Occurrence, Occupation, Usual Residence, District Fields

Press F1 to activate help screen. Locate desired entry using a combination of cursor keys, PgUp-PgDn or the first letter in the desired entry. Press [Enter] when the entry has been located. The program will insert the code into the appropriate field and position the cursor in the next field.

Press [Esc] if you do not want to insert the code. The program will return the user to the "Add" screen without entering the code.

When using the above feature in the Usual Residence Field, the program automatically inserts the District code when the [Enter] key is pressed. In cases where the details on Usual Residence are scant but The District of residence is known, the help facility in the District field can be used to assign a code.

Edit Checks

The program performs some routine edit checks while data is being entered. There are several built in edit checks in the program. The data fields will only accept valid codes. In addition cross checks are provided on age and parity.

Registration Number

The program checks for duplicate numbers and provides a message at the bottom of the screen which reads;

Registry number already in use....

The program will only accept unique numbers.

Month of Birth

Valid codes are 01 to 12 and "Blank".

Sex

The program will only accept "M", "F", "1" or "2" in this field.

Place of Occurrence

"Blank" and codes provided in the OCCUR.DBF file are the valid codes for this field.

Marital Status

Valid codes are 01 to 10 and "Blank".

Legitimacy

The program will only accept "I", "L", "1" or "2" in this field.

Age

The program will not accept Mothers' ages less than 11 or greater than 50. Key "50" for persons older than fifty.

Age and Parity

The program will not accept parities of 5 and over for Mothers aged 15 and under.

Parity Order

"Blank" and 01 to 20 are the valid codes for this field. Key "20" for parities over twenty.

Live Birth

Valid codes are 1 and 2.

Occupation

The codes provided in the OCCUP.DBF file and "Blank" are valid.

Usual Residence

Valid codes are "Blank" and the ones available in the RESID.DBF file.

Month

Valid codes are 01 to 12 and "Blank".

Sequence

Valid codes are 1 to 9 and "Blank"

The program also has a built-in edit check between Parity Order and No. of Pregnancies. This feature is not operational since data on No. of Pregnancies is not currently being keyed. When this feature is activated, the program will not accept an entry where the number of pregnancies is less than the parity order.

(2) Modify/View

This option allows the user to view or make corrections to data already entered.

Choose this option by typing "2", or by using the cursor keys to highlight the option and then pressing [Enter].

If options (1) Add, (3) Delete or (4) Display/ Browse have not been previously used, the following screen appears. If any of these options have been used the program will load the last record that was processed.

```
ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File
1.Add  2.Modify/View  3.Delete  4.Display/Browse  5.Output  6.Exit
```

```
Registration:  Number: 00-0000  Month: XX  Year: XX
```

	Name and Surname	Age	Occp	Mar.	Usual	District
				Stat	Resid.	
MOTHER	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX	XX	XXXX	XXX
FATHER	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX	XX	XXXX	XXX

```
BIRTH  Month of Birth.....: XX  Person Attending.....: XX
Live Birth .....: X  Gestational Age.....: XX
Place of occurrence.: XX  Ass"d Conditions.....: XXXX
Parity Order .....: XX  Number of Pregnancies: XX
Type of delivery ...: X  Interval since last birth : XXX
```

```
CHILD  Sex: X  Legitimacy: X  Weight: XXXX  Sequence: X
```

Making Corrections

Keying the Registration number

Key in the registration number of the record to be viewed and/or corrected. eg. 01-1291.

If the Registration Number does not exist, the program displays the following message:

Registry number not found....

Key the correct number to continue the program

The information for the particular record will be displayed on the screen.

```
ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File
1.Add 2.Modify/View 3.Delete 4.Display/Browse 5.Output 6.Exit

Registration: Number: 01-1291 Month: Year:

Name and Surname Age Occp Mar. Usual District
Stat Resid.
MOTHER 21 05 0913 009
FATHER XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXX XX XXXX XXX

BIRTH Month of Birth.....: 09 Person Attending.....: XX
Live Birth .....: 1 Gestational Age.....: XX
Place of occurence.: 01 Ass"d Conditions.....: XXXX
Parity Order .....: 01 Number of Pregnancies: XX
Type of delivery ..: X Interval since last birth : XXX

CHILD Sex: M Legitimacy: 2 Weight: Sequence: 1
```

Make the necessary changes, using the [Cursor-down] or [Enter] keys to move through the fields.

After corrections have been made, press the [PgDn] key to receive a confirmation message on screen.

In response to the prompt at the bottom of the screen, type "Y" to confirm the corrections, "N" or [Esc] to return to the main menu without altering the record.

Retrieving the desired record using the Display/Browse option.

Retrieve the desired record using option (4) Display/Browse. For further detail, see relevant section on page 24.

Go to Menu Option (2) Modify/View. Press [Enter] to display the information on screen. Correct as previously instructed.

On-line help is also available in the Modify/View option. See "On-Line Help" on page 13 for further details.

```

-- ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File --
/ 1.Add  2.Modify/View  3.Delete  4.Display/Browse  5.Output  6.Exit
/
/-----/
/Registration:  Number: 01-1291  Month:      Year:      /
/-----/
/
/      Name and Surname      Age  Occp  Mar.  Usual  District /
/                               Stat  Resid.      /
/MOTHER                        24      05      0913   009   /
/FATHER  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XX  XXXX  XX   XXXX   XXX   /
/-----/

```


/BIRTH Month of Birth.....: 07 Person Attending.....: XX /
/ Live Birth: 1 Gestational Age.....: XX /
/ Place of occurrence.: 01 Ass"d Conditions.....: XXXX /
/ Parity Order: 02 Number of Pregnancies: XX /
/ Type of delivery ...: X Interval since last birth : XXX /

/CHILD Sex: M Legitimacy: 2 Weight: Sequence: 1 /
/ /
/

Current Record Number : 51

Confirm (Y/N) the correction to the file:

(3) Delete

This option deletes a record from the file. Once a record has been deleted, it is not possible to access it again within the program. DO NOT USE THIS OPTION UNLESS IT IS ABSOLUTELY NECESSARY.

Select this option by typing "3", or by using the cursor keys to highlight the option and then pressing [Enter].

If options (1) Add, (2) Modify/View or (4) Display/ Browse have not been previously used, a screen showing Registration Number 00-0000 appears. If any of the above-mentioned options have been used the program will load the Registration Number for the last record that was processed.

Deleting a record

Keying the Registration number

Key in the registration number of the record to be deleted. eg. 01-1132.

If the Registration Number does not exist, the program displays the following message:

Registry number not found....

Key the correct number to continue the program

The information for the particular record will be displayed on the screen.

```
ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File
1.Add  2.Modify/View  3.Delete  4.Display/Browse  5.Output  6.Exit
```

```
|Registration:  Number: 01-1132  Month:      Year:      |
|-----|
|          Name and Surname          Age  Occp  Mar.  Usual  District |
|                                     |      |      |      |      |
|                                     |      |      |      |      |
|          MOTHER          15          01          |
|FATHER  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XX  XXXX  XX  XXXX  XXX  |
```

BIRTH	Month of Birth.....:12	Person Attending.....: XX	
	Live Birth: 1	Gestational Age.....: XX	
	Place of occurrence.:01	Ass"d Conditions.....: XXXX	
	Parity Order:03	Number of Pregnancies: XX	
	Type of delivery ...: X	Interval since last birth : XXX	
<hr/>			
CHILD	Sex: M	Legitimacy: L	Weight: Sequence:
<hr/>			

Current Record Number : 281

Confirm (Y/N) the suppression from the file:

In response to the prompt at the bottom of the screen, type "Y" to confirm the deletion, "N" or [Esc] to return to the main menu without altering the record.

Retrieving the desired record using the Display/Browse option.

Retrieve the desired record using option (4) Display/Browse. For further detail, see relevant Section on page 24.

Go to Menu Option (3) Delete. Press [Enter] to display the information on screen. Delete as previously instructed.

NOTE: This option does not physically erase the record from the file. The deleted record can still be viewed in dBase. Deleted records are not included in the files generated by the "Output" option.

(4) Display/Browse

This option allows the user to browse through the records in the active data file. It can also be used to locate records to be edited or deleted.

Select this option by typing "4", or by using the cursor keys to highlight the option and then pressing [Enter].

The following screen is loaded.

```
ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File
1.Add 2.Modify/View 3.Delete 4.Display/Browse 5.Output 6.Exit
```

Birth Registry							
Reg#	Mth	Occ.	Sx	Resid.	Dist	Mother's Name	Age
01-1129	08	01	M	010	001		20
01-1130	08	01	M	012	001		41
01-1131	08	01	M	070	001		30
01-1275	09	01	M	010	001		28
01-1276	09	01	F	010	001		16
01-1277	09	01	M	091	001		13
01-1278	09	01	F	130	001		18
01-1279	09	01	F	020	001		22
01-1280	09	01	F	012	001		19
01-1281	09	01	M	110	001		19
01-1282	09	01	F	090	001		27
01-1283	09	01	M	021	001		20
01-1284	09	01	M	061	001		27
01-1285	09	01	M	070	001		25
01-1286	09	01	F	010	001		32

[Enter] to View Record, [Esc] to Exit

Because the program indexes the active file on Registration Number, the screen displayed, shows fifteen (15) records starting with the

record with the lowest registration number.

NOTE: This may not be the order of entry.

If Menu Options, (1) Add or (2) Modify/View were used previously, the first record on the screen will coincide with the Registration Number for the last record that was processed.

If Menu Option (3) was previously used, the first record on the screen will coincide with the Registration Number of the record immediately preceding the last record to be processed.

This option only allows the user to view eight (8) fields.

Reg#	Registration Number
Mth	Month of Birth
Occ.	Place of Occurence
Sx	Sex
Resid.	Mother"s Usual Residence
Dist	Mother"s District of Usual Residence
Mother"s Name	
Age	

Browsing records

Use the [PgUp], [PgDn] or the Cursor Up or Down keys to browse through the records in the file.

Use the Cursor Across keys to move through the fields.

Displaying a record

Press [Enter] to display the record highlighted by the cursor. The following screen is loaded. Press any key to exit the Display mode.

```
┌ ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File ─┐
│ 1.Add  2.Modify/View  3.Delete  4.Display/Browse  5.Output  6.Exit  │
└──────────────────────────────────────────────────────────────────────────┘
```

Registration: Number: 01-1529 Month: Year:						
	Name and Surname	Age	Occp	Mar.	Usual Stat	District Resid.
MOTHER		18		05	0602	006
FATHER	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX	XX	XXXX	XXX
BIRTH	Month of Birth.....: 10	Person Attending.....: XX				
	Live Birth: 1	Gestational Age.....: XX				
	Place of occurrence.: 01	Ass"d Conditions.....: XXXX				
	Parity Order: 02	Number of Pregnancies: XX				
	Type of delivery ...: X	Interval since last birth : XXX				
CHILD	Sex: F	Legitimacy: 2	Weight:	Sequence: 1		

Current Record Number : 20

Press any key to continue...

Locating records for use in Menu Options (2) and (3)

Find the desired record using instructions outlined above. Press [Esc] twice to exit to the Main Menu.

Go to the relevant menu option by keying the Menu Option Number or using the cursor and [Enter] keys. Follow the instructions for the particular Menu Option.

Exiting the Browse/Display Option

Press [Esc] twice.

After pressing [Esc] the first time, the program loads the following screen which gives the user the option to key a record number or press [Esc] again to exit.

To continue working in the Display/Browse option, key a valid

Registration number. Press [Esc] to exit to the Main Menu.

ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File
1.Add 2.Modify/View 3.Delete 4.Display/Browse 5.Output 6.Exit

Birth Registry							
Reg#	Mth	Occ.	Sx	Resid.	Dist	Mother"s Name	Age
01-1129	08	01	M	010	001		20
01-1130	08	01	M	012	001		41
01-1131	08	01	M	070	001		30
01-1275	09	01	M	010	001		28
01-1276	09	01	F	010	001		16
01-1277	09	01	M	091	001		13
01-1278	09	01	F	130	001		18
01-1279	09	01	F	020	001		22
01-1280	09	01	F	012	001		19
01-1281	09	01	M	110	001		19
01-1282	09	01	F	090	001		27
01-1283	09	01	M	021	001		20
01-1284	09	01	M	061	001		27
01-1285	09	01	M	070	001		25
01-1286	09	01	F	010	001		32

[ESC] to end browsing or go to ...: -

(5) Output

Option (5) provides the user with the facility to export data for use by other programs such as IMPS, SPSS, REDATAM, DBase and any other package, (statistical or otherwise) which will accept an ASCII file. This option contains a sub-menu which list a further five (5) options.

```
ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Births File
1. ExplBirths  2. ExpSBirths  3. ExportAll  4. Histogram  5. Exit
```

(1) ExplBirths

This option exports a file with data on Live Births to the current working directory. The file contains a (.BCH) extension and follows a similar name convention as the (.DBF) file.

The exported Live Births carries a name with the first two digits representing the country to which the data belongs, followed by BTH for Births, two digits to represent the year to which the data corresponds and "L" to signify Live Births.

Example

VGBTH91L.BCH would be the name given to the 1991 exported Live Birth file for St. Vincent and the Grenadines.

The corresponding St. Lucia Live Birth file would be named, SLBTH91L.BCH.

(2) ExpSBirths

Choosing this menu option will export all Still Birth data to an ASCII file with a (.BCH) extension. "S" would replace "L" in the examples given above.

(3) ExportAll

The entire births file, including Live and Still Births is exported when this option is chosen. The file name in this case is

identical to the file created at startup except for the extension.

Example

VGBTH91.BCH would represent the 1991 exported Births file for St. Vincent and the Grenadines.

SLBTH91.BCH would be the corresponding St. Lucia file.

Options "1", "2", and "3" are used to generate files for use in IMPS and REDATAM, which are the programs being used for tabulation. More detail is provided under the Section entitled "Generation of Tables".

(4) Histogram

The program generates a bar-chart showing number of children born by age of mother. NOTE: Still-Births are included in the analysis.

(5) Exit

This option takes you back to the main menu.

Using the Output Option

Select this option by typing "5", or by using the cursor keys to highlight the option and then pressing [Enter].

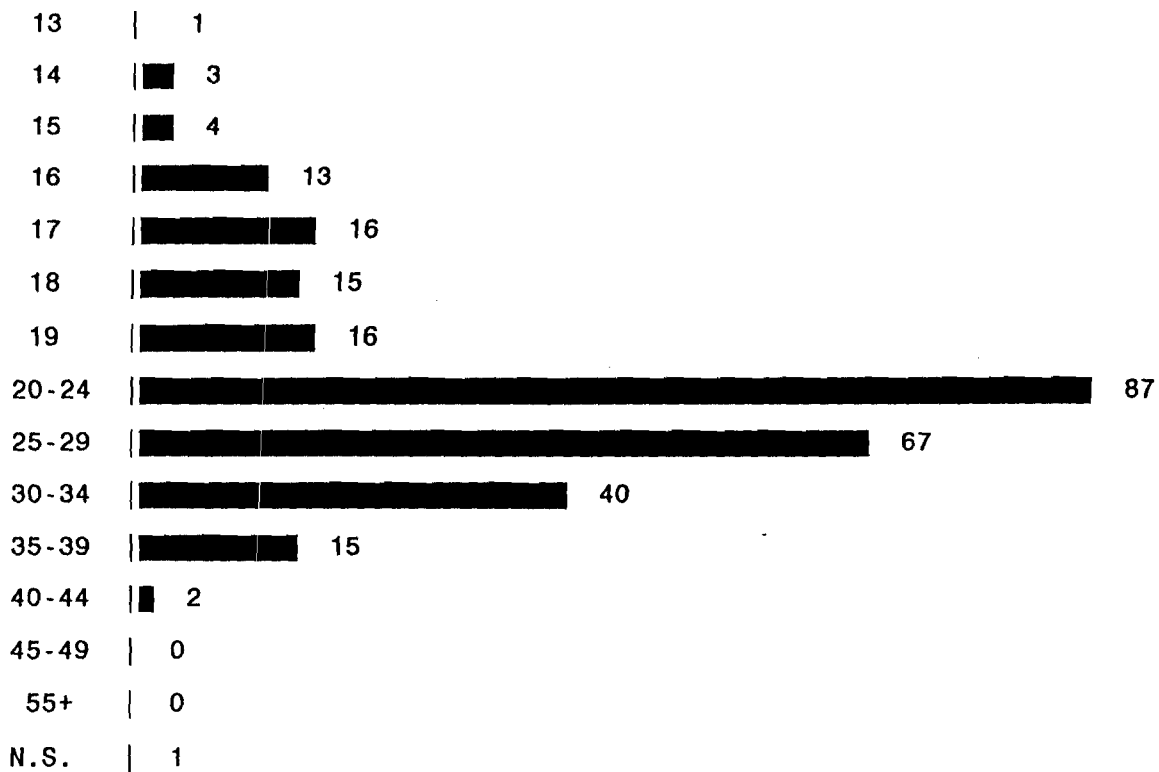
Select options "1", "2", or "3", by typing the desired number or by highlighting the option using the cursor keys and pressing [Enter], to generate the respective export files.

The program displays a "Please wait" message while the files are being generated and returns the user to the Output Menu on completion.

Select option (4) to generate a bar chart of Number of Births by Age Group of Mother.

Births by Age Group of Mother

< 13 | 0



Press any key to return to the Output Menu.

(6) Exit

To exit the program, type "6", or use the cursor keys to highlight the option, then press [Enter].

The program will load the following "closing" screen:

W A R N I N G

Do not forget to backup your data files onto diskettes.

To backup this session, put a formatted diskette with enough space in drive A and execute the DOS command:

COPY VGBTH91.DBF A:

Press [Esc] to return to DOS, any other key to continue, ...

Any other key will return the user to the file access menu.

DEATH REGISTRATION

Except for the difference in file structure, the procedures are identical to those for births.

The data entry screen for Deaths is shown below.

```
ST-VINCENT AND THE GRENADINES VITAL REGISTRATION SYSTEM - Deaths File
1.Add  2.Modify/View  3.Delete  4.Display/Browse  5.Output  6.Exit

Registration:  Number: 01-0001  Month:      Year:

Name and Surname      Sex  Age  Occp  Stat  Mar  Residence  Distr.
                    M  3/40  4121  05   0306  003

Month of Death ...: 08                               Cause 1:
                                                    2:
Place of Occurence: 02                               3:
```

Current Record Number : 1

Order of Entry

Data is entered in the following order.

Registration Number
Month (Registration)
Year (Registration)
Name and Surname

Sex
Age
Occp. (Occupation)
Mar. Stat (Marital Status)
Residence Code
Residence Distr. (Administrative District)
Month of Death
Place of Occurrence
Cause1
Cause2
Cause3

The "Age" field is a three digit field with the first digit being used as an identifier.

This identifier is a code for the length of time the for which the individual lived. "1" for days, "2" for months and "3" for years.

Example

An individual who lived for three (3) days would be keyed as 1/03

An individual who lived for three (3) months would be keyed as 2/03

An individual who lived for three (3) years would be keyed as 3/03

Ages greater than 98 should be keyed as 3/98. Infants who survived less than one day should be keyed as 1/00.

Provision has been made for the capture of the main Cause of Death as well as for two underlying causes.

On-Line Help

On-Line help is available in each of the Cause of Death fields, in addition to those encountered for Marital Status, Occupation, Usual Residence, District and Place of Occurrence.

NOTE: The help for Cause of Death is not fully activated at this time.

Display/Browse

The fields shown in the Browse mode are identical to that for Births except that Mother" Name is replaced by Name.

Output

The Output Option for Deaths generates a (.BCH) file for use in IMPS or REDATAM. The file name includes the Country and Current Year identifiers as well as DTH to represent Deaths.

Example

VGDTH91.BCH is the exported 1991 Death file for St. Vincent and the Grenadines.

The corresponding exported 1991 Death file for St. Lucia reads as follows. SLDTH91.BCH.

MAINTENANCE OF FILES

In addition to the dBase (.DBF), and index (.NTX) which the program generates, there are five .DBF which are used to provide on-line help.

CAUSEDTH.DBF	Cause of Death codes and descriptions
DISTRICT.DBF	Administrative District codes and Names
OCCUP.DBF	Occupation codes and descriptions
OCCUR.DBF	Place of Occurrence codes and Names
RESID.DBF	Usual Residence codes and Names

The fields present in these data bases are as follows;

CAUSEDTH.DBF

FIELD NAME	FIELD WIDTH
CODE	6
LABEL	30

DISTRICT.DBF

DSTIDENT	3
DSTCODE	3
DSTLABEL	30

OCCUP.DBF

OCPCODE	4
OCPLABEL	70

OCCUR.DBF

OCRCODE	2
OCRLABEL	30

RESID.DBF

RESIDENT	3
RESCODE	4
RESLABEL	20
CENDIST	3
RESDIST	3
AREAS	15

These may be modified by the user using dBase III plus or dBase IV.

Modifying the dBase files

Make sure that your dBase program is in the path. Type path in the root directory to see if it is in the path.

```
C:>path [Enter]
```

If it is not in the path, include it, using EDLIN, Norton Editor, Sidekick or any edit program.

Load dBase from the VR directory.

```
C:\VR>dbase [Enter]
```

Go to the on-screen prompt, usually a dot, if the program loads the Assist Menu by pressing [Esc].

From the prompt, type "use resid"

```
.use resid [Enter]
```

Adding new Residence Codes using "append".

The user should have the required information for all the fields in the data base when using this option.

Type "append" and press [Enter] at the prompt.

Add new codes and their descriptions in the respective fields. On completion press [Ctrl][End].

Adding new Residence Codes using "browse".

This option is useful when the user is not sure of the last code used. In the case of the resid file, it allows the user to access residence codes by district.

From the prompt, type

- (1) index on rescode to temp [Enter]
- Type "Y" to overwrite if on-screen message appears
- (2) set filter to district = "xxx" [Enter] (where xxx is the District code)
- (3) go bottom [Enter]
- (4) browse [Enter]

The last code used for the particular District will be displayed on the screen.

Press the Cursor Down key and type Y in response to the prompt at the bottom of the screen requesting whether the user wants to "Add new records".

Key the relevant information into the respective fields. Press [Ctrl][End] on completion.

To enter codes for another District, use the set filter command with the appropriate District code and continue from instruction (3) above.

When all additions have been completed, type the following at the prompt, and follow the instructions for preparing the file for use in the Vital Registry program.

set filter to [Enter]

Preparing the file for use in the Vital Registry Program.

From the prompt type the following commands followed by the [Enter] key, to prepare the file for use in the Vital Registry program. Type "Y" to overwrite if the program displays the message File exists Overwrite it (Y/N) after any command.

index on relabel to temp
copy to temp
zap (Type "Y" in response to the message on the screen)
append from temp

Type "quit" to end dBase session.

To correct or delete records, type "browse" at the prompt.

Locate the record using the cursor keys.

To correct, go to the desired field using the [Enter] key. Make the necessary corrections. Press [Ctrl][End] to return to the prompt.

To delete, hold down the [Ctrl] key and type "U" when the desired record is highlighted. Press [Ctrl][End] to return to the prompt.

Type "pack" and press the [Enter] key at the prompt, to remove the record from the file.

Repeat the procedures outlined in preparing a file for use in the Vital Registry program.

To make corrections to other files, replace all references to "resid" with the desired file name and follow the above instructions.

Replace references to "reslabel" with "label", "ocrlabel" etc. as the case may be.

Delete all (.NTX) files in the VR directory before using the Vital Registration program again. They will be recreated when the program is loaded.

```
C:\VR>DEL *.NTX [Enter]
```

Corrupted Files

The Vital Registry program may display a message referring to a corrupted index file. If this message is received, delete the appropriate index file, using the DOS delete command. The program will recreate it.

```
C:\VR>del ?????.NTX [Enter]
```

where ????? represents the file name.

PRINTING DATABASE FILES

Two format file for use in dBase have been provided so that the Birth and Death database files can be printed for edit purposes.

Load the Dbase program from the VR directory.

Activate the desired database with the use command from the screen prompt.

"Use VGBTH91" to load the St. Vincent and the Grenadines 1991 Births file. In the case of St. Lucia "Use SLDTH90" will activate

the 1990 St. Lucia Death file.

Make sure your printer is on.

Type "set dele on". This will ensure that records deleted in the Vital Registry program are not printed.

Type "report form BTHS to print" to generate a Birth report with a Births database activated.

"Report form DTMS to print" will generate the Death report with an activated Death file.

SECTION 2 GENERATION OF TABLES

With the exception of the bar chart of Number of Births by Age Group of Mother, the Vital Registration program performs no statistical functions. In order to generate tables from the data that was keyed, the user will have to utilise either QUICKTAB option of IMPS and/or REDATAM.

The QUICKTAB option provides frequencies and two-way cross-tabulations of the available data. While REDATAM can be used for similar purposes, it can also generate more sophisticated three-way tabulations and other statistics. SPSS may also be used.

The Vital Registration package includes data dictionaries for use in QUICKTAB and REDATAM. These data dictionaries, will generate the ECLAC'S minimum requirements from the available data. The user may modify the data dictionary provided for QUICKTAB or make use of the Recode command in REDATAM, to generate other tabulations.

Full documentation on each of these programs is available from their accompanying manuals. Some basic instructions in using the two programs will, however be provided in this manual.

IMPS

Generation of Tables

Always generate a (.BCH) file before using this option.

Load the Vital Registry Program.

Use the Output option from the Vital Registry program to create a (.BCH) file for births or deaths.

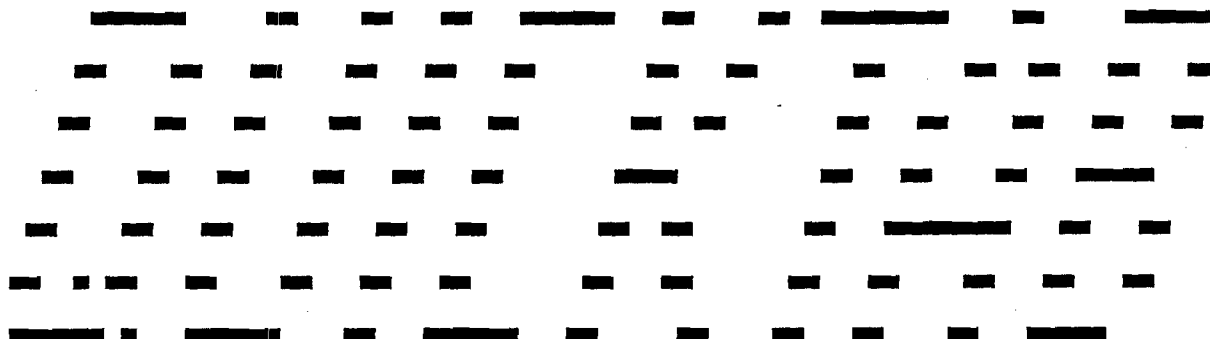
Exit the Vital Registration program.

Type "statb" or "statd" in the VR directory to generate birth or death tables respectively.

```
C:\VR>statb [Enter] or C:\VR>statd [Enter]
```

The following screen is loaded.

International Statistical Programs Center
U.S. Bureau of the Census
Washington, DC 20233



QuickTab

Version 1.2

-- Press any key to continue --

The Main Menu is loaded on the screen.

Integrated Microcomputer Processing System (2.2)
U.S. Bureau of the Census

|
| Q U I C K T A B |
|

F - Frequencies

C - Cross Tabulations

V - VIEW

P - PRINT

B - Convert BOX characters

D - DOS command

Q - Quit QUICKTAB

F1 = Help

Type "F" for Frequencies or "C" for Crosstabs. The file access menu is loaded.

Frequencies

Type in the name of the Data Dictionary and press [Enter], or press [F2] to browse through a list of Data Dictionary files. Select the desired file by pressing [Enter]. The VRB and VRD Data Dictionary files are listed at Appendix II.

Type in the name of the Data file. Include the extension. The Data file may also be selected using the [F2] feature.

Integrated Microcomputer Processing System (2.2)

U.S. Bureau of the Census

|
| Frequencies |
|

Data Dictionary file: VRB

[.DDF]

Data file: VGBTHL91.BCH

F1 = Help | F2 = Directory | F3 = Do Procedure

Press [F3] to process if the Data file name has been typed. If the F2 option is used the program will load the next screen..

Press [Enter] in the next screen loaded, in order to choose from a list of variables on the file.

Use the Cursor keys to browse through the list.

Press [Enter] to select a variable. Several variables may be selected.

Press [Esc] to exit from the option.

Press [Esc] once more. The following screen is loaded.

FREQUENCY

Dictionary: VRB

Items available: 30

Items chosen: 6

Select "Execute" by typing "E" or by highlighting the command using the Cursor keys and pressing [Enter].

Press [Enter] in response to the message "Enter Data File Name".

At the next prompt type in a table header such as "Frequencies for Live Births 1991" and press [Enter], or press [Enter] to accept title shown. A maximum of fifty (50) characters are allowed.

At the following prompt, type in a Report file name such as "Table 1" and press [Enter], or press [Enter] to accept name shown. The tables are now generated and are loaded to the screen.

Use the Cursor keys to browse through the tables.

Use the Print option, in the Main Menu to generate a copy on the printer.

Crosstabs

Select "C" from the QUICKTAB main menu to generate two-way crosstabulations.

Select the Data Dictionary and Data files as described for Frequencies.

Press [F3] to process if the Data file name has been typed. If the F2 option is used the program will load the next screen..

Press [Enter] to load the Crosstab Definition Menu.

Define Crosstabs

ESC=Done F1=Help F4=Delete ENTER=Change entry

BIRTH			
		Count/	Invalid
		Percent	Row/Col
Item	Item	(C/P)	(Y/N)
		C	N

Press [Enter], in order to choose from a list of variables on the file.

Use the Cursor keys to browse through the list.

Press [Enter] to select the first variable. The program will return to the Crosstab Definition screen.

Press [Enter], to select the second variable for the Crosstabulation.

Select the second variable as described above.

Several sets of variables can be selected by repeating the above procedure.

For minor changes the existing (.WKF) may be copied to another file. A new (.DDF) file can be generated using the IMPS DATADICT "Edit" option. This new Data Dictionary will be used to modify values for existing variables.

Go to the VR\TABLES sub-directory.

```
C:\VR>cd TABLES
```

Copy the existing (.WKF) to a file with a new name.

Example

```
C:\VR\TABLES>COPY VRB.WKF VRB1.WKF [Enter]
```

Type IMPS in the VR\TABLES sub-directory and choose the DATADictionary option (A).

Press any key in the Opening menu to load the following screen.

| D A T A D I C T |

E - EDIT Dictionary

L - LIST Dictionary

V - VIEW

P - PRINT

U - Utilities

D - DOS command

Q - Quit DATADICT

Type "E" to Edit Dictionary. The following screen is loaded.

Integrated Microcomputer Processing System (2.2)

U.S. Bureau of the Census

| Edit Dictionary |

Data Dictionary work file:VRB1

[.WKF]

F1 = Help

| F2 = Directory

| F3 = Do Procedure

Type in the name of the Data Dictionary and press [Enter], or press [F2] to browse through a list of Data Dictionary files. Select the desired file by pressing [Enter].

Press [F3] to process if the Data file name has been typed. If the F2 option is used the program will load the next screen..

Type in the correct name of the Data Dictionary. Press the [End] key three (3) times to get into the variables list.

Press the [Enter] key until the cursor is in the Define Values field.

Type "Y" to make changes to the values.

Press the [End] key on completion to go back to the variables list.

Use the cursor keys to select variables.

When all changes have been made, Press the [End] till the Closing Menu is displayed.

Type "N" to generate the new Data Dictionary (.DDF) file.

Exit from DATADICT into the IMPS main menu.

Choose the QUICKTAB option (E) to run tables using the new data dictionary.

More detailed instructions are available from the DATADICT Manual.

REDATAM

To use the REDATAM option, a database must first be generated. It is assumed that users are familiar with generating tables using REDATAM, this manual will therefore only provide instructions on how to generate a database.

Create a Live Birth (.BCH) file using the Output option of the Vital Registration program.

Exit the Vital Registration program.

From the VR directory copy the Live Birth (.BCH) file to the VR\REDB sub-directory as a file named BTHS

C:\VR>COPY VGBTH??L.BCH C:\VR\REDB\BTHS [Enter] where ?? represents the year.

For St. Lucia, type SL in place of VG.

Type "REDB" from the VR directory to load the following REDATAM screen for Births.

REDATAM 3.1 Environment Parameters

Date: 25/12/1991

Database Name:	bths
Database Directory:	c:\vr\redb
Working Directory:	c:\vr\work
Language:	ENG
Screen Type:	COLOR

| Type a 4 character database name. |

F1 help F3 process F10 exit

Press [F3] to process.

Select the Management Functions option, by highlighting it using the Cursor keys and pressing [Enter].

Choose the Auto Load option.

Press enter to select "Load"

Press [F3] to process.

For Deaths, type "REDD" from the VR directory.

Follow instructions as for Births.

To Append databases, follow the above instructions except for selecting "Append" instead of "Load".

SECTION 3 APPENDICES

APPENDIX I

Structure for database: D:SLBTH91.dbf

Field	Field Name	Type	Width	Description	Remarks
1	REGISNB	Character	6	REGISTRATION NUMBER	
2	DISTRICT	Character	3	REGISTRATION DISTRICT	
3	NAMMOTHR	Character	30	MOTHER'S NAME	
4	AGEMOTHR	Character	2	MOTHER'S AGE	
5	OCCMOTHR	Character	4	MOTHER' OCCUPATION	
6	MSTMOTHR	Character	2	MOTHER'S MARITAL STATUS	
7	RESMOTHR	Character	4	MOTHER'S USUAL RESIDENCE	
8	DSTMOTHR	Character	3	MOTHER'S DISTRICT OF USUAL RESIDENCE	
9	NAMFATHR	Character	30	FATHER'S NAME	
10	AGEFATHR	Character	2	FATHER'S AGE	
11	OCCFATHR	Character	4	FATHER'S OCCUPATION	
12	MSTFATHR	Character	2	FATHER'S MARITAL STATUS	
13	RESFATHR	Character	4	FATHER'S USUAL RESIDENCE	
14	DSTFATHR	Character	3	FATHER'S DISTRICT OF USUAL DISTRICT	
15	MONTH	Character	2	MONTH OF BIRTH	
16	ATTEND	Character	2	ATTENDANT AT BIRTH	DOCTOR, MIDWIFE..
17	PARITY	Character	2	PARITY ORDER	
18	LIVEBTH	Character	1	BIRTH INDICATOR	LIVE OR STILL
19	GESTAGE	Character	2	GESTATIONAL AGE OF FOETUS	
20	PLACEOCC	Character	2	PLACE OF OCCURENCE	
21	ASSCOND	Character	4	ASSOCIATED CONDITIONS (STILLBORN)	
22	SEX	Character	1	SEX OF CHILD	
23	LEGIT	Character	1	LEGITIMACY OF CHILD	
24	SEQUENCE	Character	2	BIRTH SEQUENCE	TWINS, ETC
25	WEIGHT	Character	4	WEIGHT OF CHILD	
26	REGMONTH	Character	2	MONTH OF REGISTRATION	
27	REGYEAR	Character	2	YEAR OF REGISTRATION	
28	NOPREG	Character	2	NO. OF PREGNANCIES	
Field	Field Name	Type	Width	Description	Remarks
29	INTERV	Character	3	INTERVAL BETWEEN PREGNANCIES	
30	DELIVER	Character	1	TYPE OF DELIVERY	NORMAL, ETC

Structure for database: D:SLBTH91.dbf

Field	Field Name	Type	Width	Description	Remarks
1	REGISNB	Character	6	REGISTRATION NUMBER	
2	REGMONTH	Character	2	MONTH OF REGISTRATION	
3	REGYEAR	Character	2	YEAR OF REGISTRATION	
4	DISTRICT	Character	3	REGISTRATION DISTRICT	
5	PLACEOCC	Character	2	PLACE OF OCCURENCE	
6	MONTH	Character	2	MONTH OF DEATH	
7	SEX	Character	1	SEX OF DECEASED	
8	AGE	Character	5	AGE OF DECEASED	
9	RES	Character	4	USUAL RESIDENCE AT DEATH	
10	DST	Character	3	DISTRICT OF USUAL RESIDENCE	
11	NAME	Character	30	NAME OF DECEASED	
12	OCCUP	Character	4	LAST OCCUPATION OF DECEASED	
13	MARSTAT	Character	2	MARITAL STATUS AT DEATH	
14	CAUSE1	Character	6	MAJOR CAUSE OF DEATH	
15	CAUSE2	Character	6	UNDERLYING CAUSE OF DEATH 1	
16	CAUSE3	Character	6	UNDERLYING CAUSE OF DEATH 2	

APPENDIX II

IMPS DATA DICTIONARIES

Data Dictionary: VRB
 Created: 06/12/91 07:25:21

DATADICT Version 1.2

Record Length: 80
 Not Reported: Blank
 Not Applicable: Blank

The following records have been defined:

Record Name	Short Name	Record Type Value (RECTYPE)
BIRTH	BIRTH	

The following COMMON items have been defined. They occur on all records.

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
CURYEAR	N	1-2	2		
REGDIST				N	3-4

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
REGMONTH	N	12-13	2	JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER	01 02 03 04 05 06 07 08 09 10 11 12

Record Name: BIRTH

Record Type:

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
REGYEAR	N	14-15	2	YEAR-85	85
				YEAR-86	86
				YEAR-87	87
				YEAR-88	88
				YEAR-89	89
				YEAR-90	90
				YEAR-91	91
				YEAR-92	92
				YEAR-93	93
				YEAR-94	94
				YEAR-95	95
				YEAR-96	96
				AGEMOTHR	N
AGE-13	13				
AGE-14	14				
AGE-15	15				
AGE-16	16				
AGE-17	17				
AGE-18	18				
AGE-19	19				
AGE-20-24	20:24				
AGE-25-29	25:29				
AGE-30-34	30:34				
AGE-35-39	35:39				
AGE-40-44	40:44				
AGE-45-49	45:49				
AGE-50-AND-OVER	50:99				
NOT-STATED	//				
OCCMOTHR	N	18-21	4	LEGISLATORS-ETC	1110:1511
				PROFESSIONALS	2111:2470
				TECHNICIANS-ETC	3111:3490
				CLERKS	4111:4300
				SERVICE-WORKERS	5111:5320
				AGRICULTURAL-ETC	6111:6414
				CRAFT-ETC-WRKERS	7110:7499
				PLANT-MACH-OPERS	8110:8340
				ELEMENTARY-OCCS	9111:9409
				DEFENCE-FORCE	0110:0111
				NOT-WELL-DEFINED	9997:9999
				NO-OCCUPATION	////

Record Name: BIRTH

Record Type:

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
MRSTMOTHR	N	22-23	2	MARRIED	01
				WIDOWED	02
				DIVORCED	03
				LEGALLY-SEPARATE	04
				NEVER-MARRIED	05
				NOT-STATED	06
RESMOTHR	N	24-27	4		
DISTMOTHR	N	28-30	3	KINGSTOWN	001
				CALLIAQUA	002
				MESOPOTAMIA	003
				GEORGETOWN	004
				BIABOU	005
				LAYOU	006
				BARROULLIE	007
				CHATEAUBELAIR	008
				COLONARIE	009
				SANDY-BAY	010
				QUESTELLES	011
				SPRING-VILLAGE	012
				STUBBS	013
				LOMAN-S-WD	014
				BEQUIA	015
				UNION-ISLAND	016
				CANOUAN	017
				MAYREAU	018
				EXPATRIATE	019
NOT-STATED	///				
CDMOTHR	N	31-33	3	KINGSTOWN	001
				QUESTELLES	002
				CALLIAQUA-STUBBS	003
				MESOPOTAMIA	004
				BIABOU-LOMAN-S	005
				COLONARIE	006
				GEORGETOWN	007
				SANDY-BAY	008
				LAYOU	009
				BARROULLIE	010
				CH-BELAIR-SPRING	011
				BEQUIA	012
				UNION-CAN-MAYREA	013
NOT-STATED	///				

Record Name: BIRTH

Record Type:

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
AGEFATHR	N	34-35	2	UNDER-15	10:14
				AGE-15	15
				AGE-16	16
				AGE-17	17
				AGE-18	18
				AGE-19	19
				AGE-20-24	20:24
				AGE-25-29	25:29
				AGE-30-34	30:34
				AGE-35-39	35:39
				AGE-40-44	40:44
				AGE-45-49	45:49
				AGE-50-AND-OVER	50:99
				NOT-STATED	//
OCCFATHR	N	36-39	4	LEGISLATORS-ETC	1110:1511
				PROFESSIONALS	2111:2470
				TECHNICIANS-ETC	3111:3490
				CLERKS	4111:4300
				SERVICE-WORKERS	5111:5320
				AGRICULTURAL-ETC	6111:6414
				CRAFT-ETC-WRKERS	7110:7499
				PLANT-MACH-OPERS	8110:8340
				DEFENCE-FORCE	0110:0111
				NOT-WELL-DEFINED	9997:9999
MRSTFATHR	N	40-41	2	MARRIED	01
				WIDOWED	02
				DIVORCED	03
				LEGALLY-SEPARATE	04
				NEVER-MARRIED	05
				NOT-STATED	06
RESFATHR	N	42-45	4		
DISTFATHR	N	46-48	3	KINGSTOWN	001
				CALLIAQUA	002
				MESOPOTAMIA	003
				GEORGETOWN	004
				BIABOU	005
				LAYOU	006
				BARROALLIE	007
				CHATEAUBELAIR	008
				COLONARIE	009
				SANDY-BAY	010
				QUESTELLES	011

Record Name: BIRTH

Record Type:

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
DISTFATHR (CONT"D)				SPRING-VILLAGE	012
				STUBBS	013
				LOMAN-S-WD	014
				BEQUIA	015
				UNION-ISLAND	016

				CANOUAN	017
				MAYREAU	018
				EXPATRIATE	019
				NOT-STATED	///
CDFATHR	N	49-51	3	KINGSTOWN	001
				QUESTELLES	002
				CALLIAQUA-STUBBS	003
				MESOPOTAMIA	004
				BIABOU-LOWMANS	005
				COLONARIE	006
				GEORGETOWN	007
				SANDY-BAY	008
				LAYOU	009
				BARROULLIE	010
				CH-BELAIR-SPRING	011
				BEQUIA	012
				UNION-CAN-MAYREA	013
				NOT-STATED	///
MONTH	N	52-53	2	JANUARY	01
				FEBRUARY	02
				MARCH	03
				APRIL	04
				MAY	05
				JUNE	06
				JULY	07
				AUGUST	08
				SEPTEMBER	09
				OCTOBER	10
				NOVEMBER	11
				DECEMBER	12
				NOT-STATED	//
ATTEND	N	54-55	2		

Record Name: BIRTH

Record Type:

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
PARITY	N	56-57	2	FIRST SECOND THIRD FOURTH FIFTH SIXTH SEVENTH EIGHTH NINTH TENTH ELEVENTH-AND-UP NOT-STATED	01 02 03 04 05 06 07 08 09 10 11:99 //
LIVEBTH	N	58	1		
GESTAGE	N	59-60	2		
PLACEOCC	N	61-62	2	HOSPITAL HEALTH-CENTER ELSEWHERE NOT-STATED	01:04 05:06 07:08 //
ASSCND	N	63-66	4		
NOPREG	N	67-68	2		
INTERV	N	69-71	3		
DELIVER	N	72	1		
SEX	N	73	1	MALE FEMALE	1 2
LEGIT	N	74	1	LEGITIMATE ILLEGITIMATE NOT-STATED	1 2 /
SEQUENCE	N	75-76	2		
WEIGHT	N	77-80	4	W-UNDER-2501 W-2501-3000 W-3001-3500 W-3501-4000 W-4001-4500 W-4501-AND-OVER NOT-STATED	0000:2500 2501:3000 3001:3500 3501:4000 4001:4500 4501:9999 ////

Page 1

Data Dictionary; VRD
Created: 05/12/91 10:50:27

DATADICT Version 1.2

Record Length: 54
Not Reported: Blank
Not Applicable: Blank

The following records have been defined:

Record Name	Short Name	Record Type Value (RECTYPE)
DEATH	DEATH	

The following COMMON items have been defined. They occur on all records.

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
CURYEAR	N	1-2	2		
REGDIST Dictionary: VRD	N	3-4	2	Page 2	Data

DATADICT Version 1.2
Created: 05/12/91 10:50:27

Record Name: DEATH Record Type:

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
REGMONTH	N	9-10	2	JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER	01 02 03 04 05 06 07 08 09 10 11 12

REGYEAR	N	11-12	2	YEAR-85 YEAR-86 YEAR-87 YEAR-88 YEAR-89	85 86 87 88 89
---------	---	-------	---	---	----------------------------

Record Name: DEATH Record Type:

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
REGYEAR (CONT"D)				YEAR-90 YEAR-91 YEAR-92 YEAR-93 YEAR-94 YEAR-95 YEAR-96	90 91 92 93 94 95 96

AGE	N	13-15	3	UNDER-1-YEAR AGE-1-YEAR AGE-2-YEARS AGE-3-YEARS AGE-4-YEARS AGE-5-9-YEARS AGE-10-14-YEARS AGE-15-19-YEARS AGE-20-24-YEARS	100:211 301 302 303 304 305:309 310:314 315:319 320:324
-----	---	-------	---	---	---

AGE-25-29-YEARS	325:329
AGE-30-34-YEARS	330:334
AGE-35-39-YEARS	335:339
AGE-40-44-YEARS	340:344
AGE-45-49-YEARS	345:349
AGE-50-54-YEARS	350:354
AGE-55-59	355:359
AGE-60-64	360:364
AGE-65-69	365:369
AGE-70-74	370:374
AGE-75-79	375:379
AGE-80-84	380:384
AGE-85-AND-OVER	385:398
NOT-STATED	///

MARSTAT	N	16-17	2	MARRIED	01
				WIDOWED	02
				DIVORCED	03
				LEGALLY-SEPARATE	04
				NEVER-MARRIED	05
				NOT-STATED	06

OCCUP	N	18-21	4	LEGISLATORS-ETC	1110:1511
				PROFESSIONALS	2111:2470
				TECHNICIANS-ETC	3111:3490
				CLERKS	4111:4300
				SERVICE-WORKERS	5111:5320
				AGRICULTURAL-ETC	6111:6414
				CRAFT-ETC-WRKERS	7110:7499
				PLANT-MACH-OPERS	8110:8340
				Record Type:	

Record Name: DEATH

Item (occurs)	Data	Position	Item	Value Name	Values
Subitem (occurs)	Type		Len.		
OCCUP (CONT"D)				DEFENCE-FORCE	0110:0111
				NOT-WELL-DEFINED	9997:9999
SEX	N	22	1	MALE	1
				FEMALE	2
RESID	N	23-26	4		
DIST	N	27-29	3	KINGSTOWN	001
				CALLIAQUA	002
				MESOPOTAMIA	003
				GEORGETOWN	004
				BIABOU	005
				LAYOU	006
				BARROALLIE	007
				CHATEAUBELAIR	008
				COLONARIE	009
				SANDY-BAY	010
				QUESTELLES	011
				SPRING-VILLAGE	012
				STUBBS	013
				LOMAN-S-WD	014
				BEQUIA	015
				UNION-ISLAND	016
				CANOUAN	017
				MAYREAU	018
				EXPATRIATE	019
				NOT-STATED	///

CD

N 30-32

3

KINGSTOWN	001
QUESTELLES	002
CALLIAQUA-STUBBS	003
MESOPOTAMIA	004
BIABOU-LOWMANS	005
COLONARIE	006
GEORGETOWN	007
SANDY-BAY	008
LAYOU	009
BARROUALLIE	010
CH-BELAIR-SPRING	011
BEQUIA	012
UNION-CAN-MAYREA	013
NOT-STATED	///

Record Name: DEATH

Record Type:

Item (occurs) Subitem (occurs)	Data Type	Position	Item Len.	Value Name	Values
MONTH	N	33-34	2	JANUARY	01
				FEBRUARY	02
				MARCH	03
				APRIL	04
				MAY	05
				JUNE	06
				JULY	07
				AUGUST	08
				SEPTEMBER	09
				OCTOBER	10
				NOVEMBER	11
				DECEMBER	12
				NOT-STATED	//
PLACEOCC	N	35-36	2	KINGSTOWN-HSPL	01
				PT-ELIZ-HSPL	02
				GEORGETOWN-HSPL	03
				CHATEAUBLR-HSPL	04
				UNION-IS-HC	05
				MARRIQUA	06
				AT-HOME	07
				MENTAL-HLTH-CEN	08
				LEWIS-PUN-HOME	09
				THOMPSON-S-HOME	10
				ELSEWHERE	15
				NOT-STATED	//
				CAUS1	N
CAUS2	N	43-48	6		
CAUS3	N	49-54	6		