IICA-CIDIA

IICA

INTER-AMERICAN INSTITUTE FOR COOPERATION ON AGRICULTURE
OAS

CARIBBEAN DATA BASE

PROGRAMMER'S MANUAL

R:BASE DATABASE

BARBADOS
NOVEMBER 1988

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CONTENTS

FOREWORD

This and its companion manual, the User's Manual, are the documentation of the Caribbean Database developed by the Regional Projects Unit.

This database is part of the support given by the Projects Unit to the Caribbean offices since it will allow to keep up-dated information on the economy and on the agricultural sector. The database should also allow IICA to provide this service to the Ministries of Agriculture of its member countries.

The Caribbean Database is a system based on R:Base 5000 DBMS consisting of macro-economic data and agricultural information.

It's design was guided by three main considerations:

a. Usefulness of information for IICA's use
b. Flexibility in data entry and data retrieval, and
c. User friendliness.

At the Barbados office, a central Data Bank for the Caribbean will be developed with the information provided by our country offices.

The algorithm was developed by the Consultant Cesar Rodriguez and these manuals were prepared by Olwen Frost, from IICA Barbados office.

Gonzalo Estefanell
Head
Regional Projects Unit

1. DIRECTORIES NEEDED

Rbfiles
PFS (displays reports - type of word processor)
Barbados (database)
Tools

2. MEMORY SPACE

600 kb main memory
1.3 mb hard disk for installing rbase
1.3 mb hard disk for Caribbean Database system
300 kb hard disk for pfs

3. INSTALLATION OF FILES

Rbase

a:
Insert diskette 1
A>install

Caribbean Database System

md\barbados
cd\barbados
Insert backup diskette 1 in A drive
\dos\restore a:

4. CREATING A DATABASE STEP BY STEP

```
C> cd\work
C> path c:\rbfiles
C> rbase
Escape to R>
R> open [database]
R> rbd(efine)
Menu appears - select define a new database
Select Tables   Add Tables
Enter name for database
Enter table name
Define columns and assign data types
Specify conditions for rows -   select column
                                choose operators
                                escape when finished
Escape to Database Definition Menu
Choose option 4
Define data entry rules - add new rule
                          enter error message
(see selection under      select your table and column to which message
 forms)                         applies
                          choose operators
                          enter and escape
Escape to R>
R> forms
Create a form - edit/create a form
              customise forms (usually 2: enter data and edit)
(see section       customise table characteristics
 on forms)    locate data on screen - work area, help screen
                                      [F6] for denoting Start and
                                           End of each column
              define a new table [F8]
              locate other fields
              define region - customise table characteristics
                              duplicate region
                              mark row to be duplicated
              escape
              save changes
Escape to R>
R> ent [formname] (to enter data)
R> edi(t) usi(ng) [formname] (to edit data)
Reports
```

5. DEFINING TABLES

1. Enter name of database
2. Enter name of table
3. Enter names of columns with their character lengths and type (INT, TEXT, REAL, etc.). Also if it is a key table.
4. When finished [Esc] to save.

6. RULES

It is not necessary to define rules. However, it is always a good idea to do so. Select option (4) Rules from the menu. Enter your error message, e.g. Invalid Name, and [Enter]. Choose a table, should there be more than one, and the column you wish to identify conditions for. Conditions can be that the column exists/fails, that it is equal to another column or to a value or is less than or greater than a value. Any one column can have multiple conditions. When the rules are identified, [Esc] to save and return to the menu.

7. PREPARATION OF A FORM

Assuming that our database contains more than one table, we prepare the form for the first and key table. This is region number one.

1. Define rules for each field: Indicate a message to appear on screen, should an error be made, and define expressions, i.e. if particular field should exist, what conditions it must meet, etc.

2. Edit/Create a form: Having selected this option from the menu, select Customise a Form, enter appropriate data, and then Customise a Table, selecting Characteristics.

3. Edit: Choose this option from the top menu and locate your data on the screen, making it look attractive with the Draw option from the menu, to enclose form in a box. Then, using the [F6] function key, state where your columns start (S) and end (E). Remember to save your changes before exiting. Note that a dummy variable should be defined at the end of the row of data, so that you can pause and edit that line if necessary before continuing to the next row.

Now we move on to the next region. Using [F8] to define a new table, we give it a name. Then we transfer common columns from the first region to this one by creating an expression: we assign the value of the column to an external variable, and then assign the value of the variable to the second column. From there we locate other fields as in (3) above. It is adviseable to protect the column transferred to region two so that data cannot be changed. This is done by using the [F7] and [F6] keys to change tables and customise respectively.

To define the region, escape to the top menu and select Customise. Select the table characteristics and 'yes' to create the region. Define the space where you want the fields duplicated, and then identify the row you want to duplicate. It is normal to select 'no' when the programme asks if you want a border. Use Shift [F4] to define the area to be duplicated, and enter. Again define your help screen, top menu, and prepare your titles. Remember the convenience of a dummy variable at the end of a row.

When this is completed, remember to save your changes. You should now be ready to start entering data into your database.

8. QUERY SCREENS

A query screen should be as similar as possible in appearance to the relevant entry and edit form. The main difference is that you do not enter all the data on the form, only that which is asked for for searching.

Prepare in the following manner using the Tools Directory:-

```
R>ent TABLENAME
[Esc]
R>zip \rbfiles\tools\scrnfile FILENAME
```

9. PREPARATION OF A MENU

```
Draw menu:      rbe FILENAME
                draw ([F4] repeats use of function keys)
                  note where the input is to be placed, i.e.
                  "Enter # of your selection: __"
                Save
                ren FILENAME FILENAME.men
                  (gives the file a menu extension)

To program:     rbe PROGRAM NAME
                cls (clears screen)
                cle all var (clears all variables)
                set v voption text (defines variable)
                set v voption = 0 (assigns value to variable)
                disp FILENAME.men (displays menu)

           (    while voption LT 1 or voption GT 2 then
Loop       (      write " " at (input space)
           (      fill voption = 1 using " " at _________
           (    endwhile
```

10. PREPARATION OF A REPORT

Type rep at the R> prompt or select the appropriate option from the menu and [Enter]. Enter database and table name to be used- remember if there are multiple tables in the database the report must be identified by the lowest table (last region in form).

Select Configure from the top menu and [Enter]. Identify page length, footers and headers, etc. Breaks 1 - 10 can be identified. A break is what you want to sort the report by. For example, if you wish a print out by year, Break 1 could be year.

The Edit your report in the same way as with a form. The difference here is the different levels the report has: Report Header (RH), Page Header (PH), Levels 1 - 10 (H), Details (D), Footer for levels (F), Page Footer (PF) and Report Footer (RF). To insert these levels, use [F9] for expand (create space to define levels) and [F8] to move to the next section. When all the levels are defined, turn off the expand mode with [F8]. Shift tab puts you into the margin to change lines; tab takes you back to the screen.

The title of the report is typed at the RH level and information that is to be displayed at the top of each page, at the PH level. Details of the report, i.e. the rows of data, should be entered at the D level.

Once all information is entered, save the report and exit to the R> prompt. From there you can print out the report if a menu is not done for it. The command would be out print ; pri REPNAME sort by ..... ; out screen (where out print and screen send the output to the printer and screen respectively).

Following are 5 easy steps to use for preparing a report:

1. Design output on paper
2. Locate table (see Annex 3)
3. Locate columns
   Define break
   Define variables/columns; expressions
4. Configure
5. Edit/Draw/Locate

11. PROGRAMMING

Steps

Define variable	set v(ar) NAME TYPE (INT/TEXT)
Assign values	set v NAME = _____
Conditions	While CONDITION then _____ Endwhile
	If ..... Endif
Subroutine	Quit to FILE NAME

Definitions and Commands

Fill = Input

Set Null " "
Set Zero on (for mathematical work)
Set Null on
Set Mess on (computer messages)
Set Err Mess on (error messages)

Out Print/Screen/FILE NAME

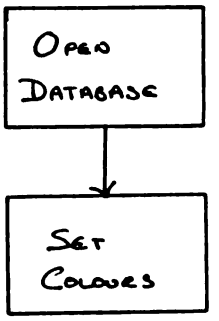
Delete rows from TABLENAME where CONDITION

Set v xx = tit_info in typeinfo where num-into = .vopt

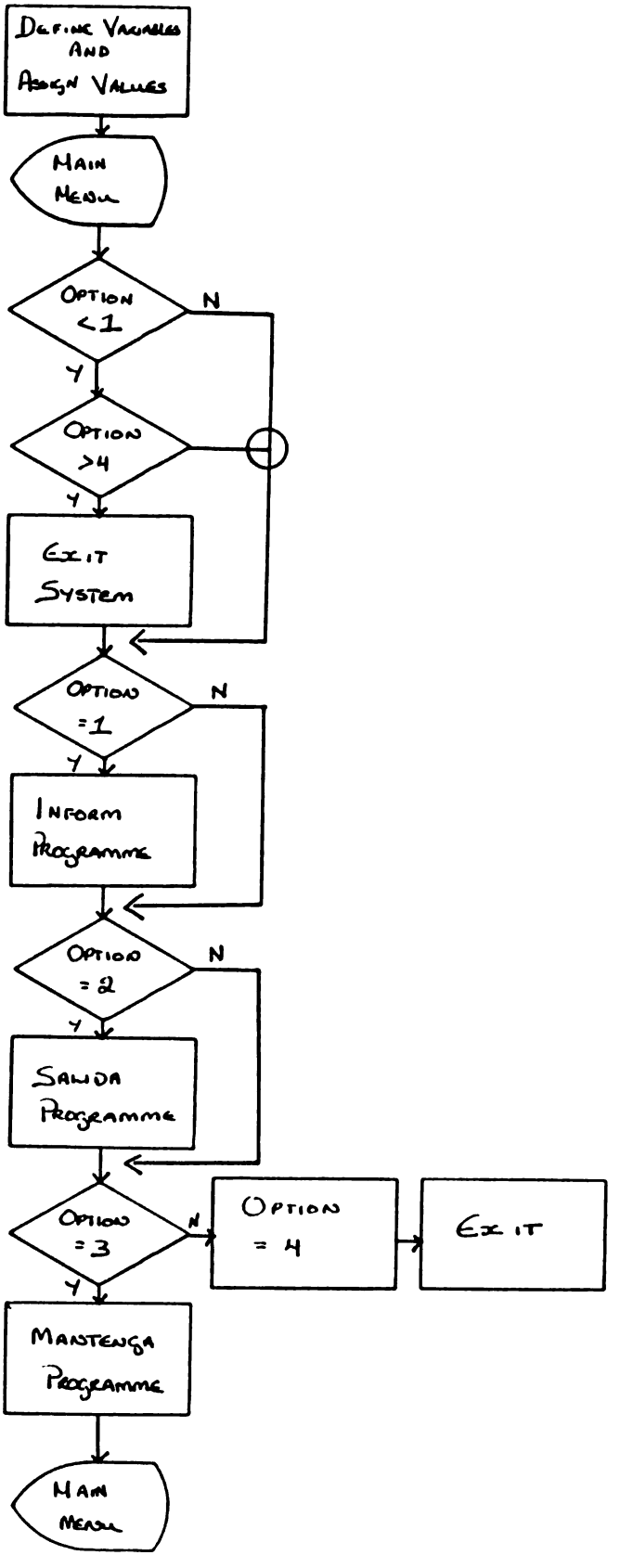
```
set v all text
set v all = "enter FLTAB^"
&all
```

Following are programs from the Caribbean Database System and their relevant flow charts.

```
pen barba
et col back black
set col fore gray
return
```

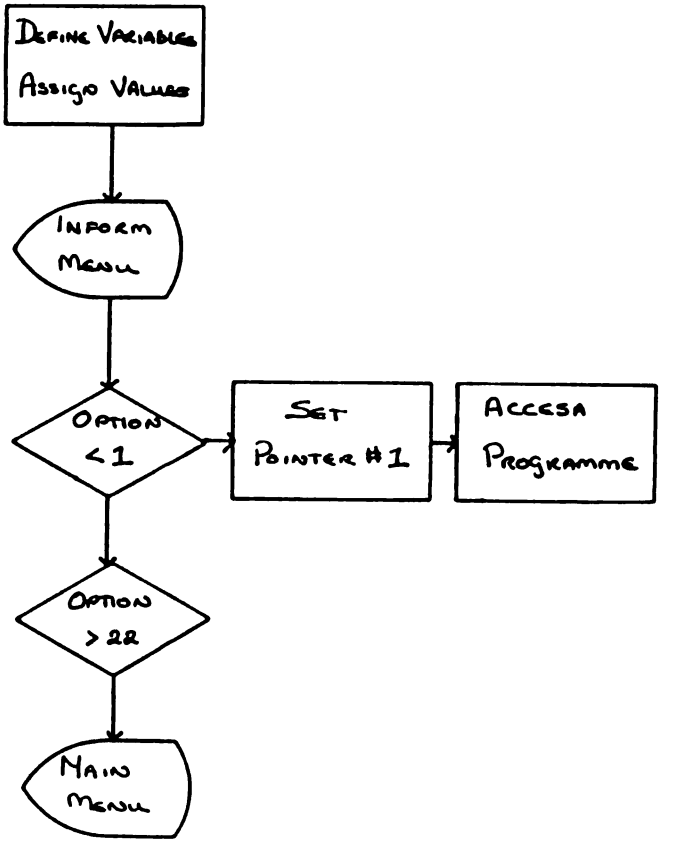

Open
Database
Set
Colours

```
label main
   set v voption INT  vborra TEX
   set v voption = 0  vborra = " "

   cls
   disp main.men at 8

   while voption LT 1 or voption GT 4 then
      write .vborra at 15 61
      fill voption = 1  usi " " at 15 61
   endw

   if voption fails then
      cls
      set mess on
      set err mess on
      set esc on
      set bell on
      quit
   endif

   if voption EQ 1 then
      quit to inform
   endif

   if voption EQ 2 then
      quit to salida
   endif

   if voption EQ 3 then
      run mantenga
      goto main
   endif

   if voption EQ 4 then
      exit
   endif
```


DEFINE VARIABLES AND ASSIGN VALUES
MAIN MENU
OPTION <1
N
Y
OPTION >4
Y
EXIT SYSTEM
OPTION =1
N
Y
INFORM PROGRAMME
OPTION =2
N
Y
SAIDA PROGRAMME
OPTION =3
N
OPTION = 4
EXIT
Y
MANTENÇA PROGRAMME
MAIN MENU

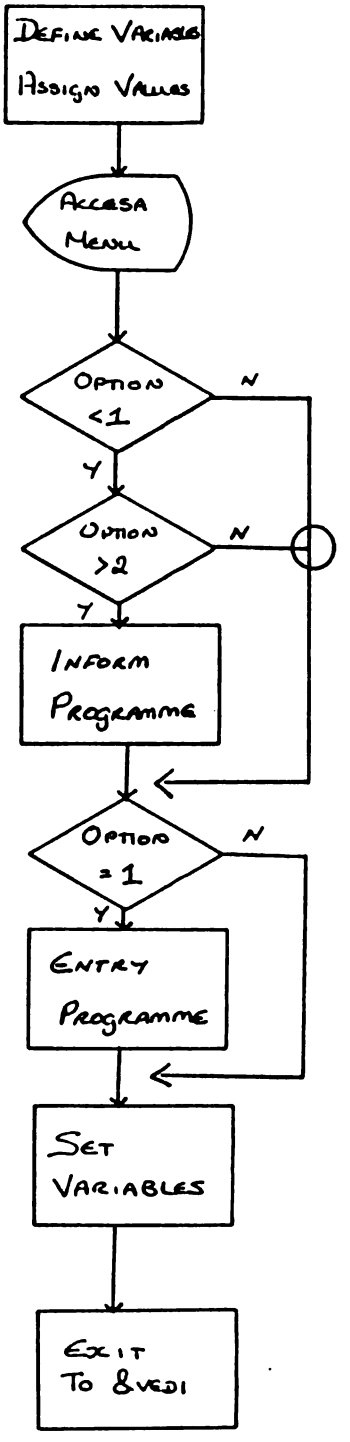
Inform

```
( INFORM: choose type of information for Entry or Edit )

ls
et v voption int vborra tex
set v voption = 0  vborra = "  "
et lines 24
isp inform.men

while voption LT 1 or voption GT 22 then
   write .vborra at 23 46
   fill voption = 2  usi " " at 23 46
endw

f voption fail then
   quit to main1
lse
   set poi #1 e1 for TYPEINFO whe num_info = .voption
   quit to accesa
endif
```

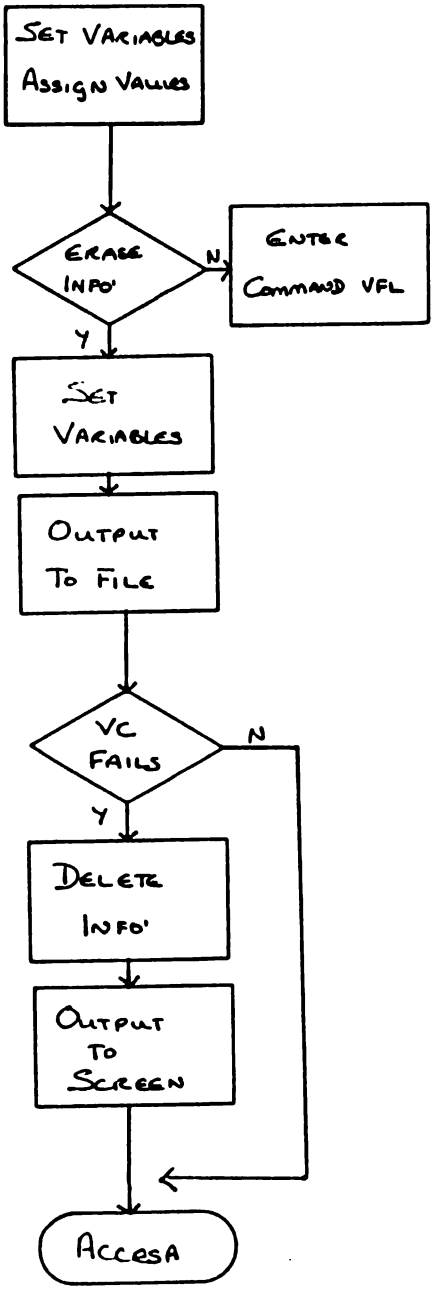

DEFINE VARIABLES
ASSIGN VALUES
INFORM MENU
OPTION < 1
SET POINTER #1
ACCESS PROGRAMME
OPTION > 22
MAIN MENU

Accesa

```
( ACCESA: choose Entry or Edit )

set v voption INT  vborra TEX  vtit TEX
set v vtit = tit_info IN #1
set v voption = 0  vborra = " "

cls
write "Type of Information:"
write .vtit
disp accesa.men at 8

while voption LT 1 or voption GT 2 then
   write .vborra at 13 61
   fill voption = 1  usi " " at 13 61
endw

if voption fails then
   clear all var
   quit to inform
endif

if voption = 1 then
   quit to entry
endif

if voption = 2 then
   set v vedi tex
   set v vedi = edicion IN #1
   quit to &vedi
endif
```


DEFINE VARIABLES
ASSIGN VALUES
ACCESS MENU
OPTION <1
N
Y
OPTION >2
N
Y
INFORM PROGRAMME
OPTION =1
N
Y
ENTRY PROGRAMME
SET VARIABLES
EXIT TO &VEDI

```
( Entry data )

    cle all var
    set v vfl TEX  vd TEX
    set v vfl = ent_info IN #1
    set v vd = bor_Info IN #1
    if vd = "N" then
       enter &vfl
    else
       set v vt TEX  vc TEX
       set v vt = tab_info in #1
       set v vc = col_info in #1
       enter &vfl
       out basura
       del fro &vt whe &vc fails
       out scr
    endif
    quit to accesa
```

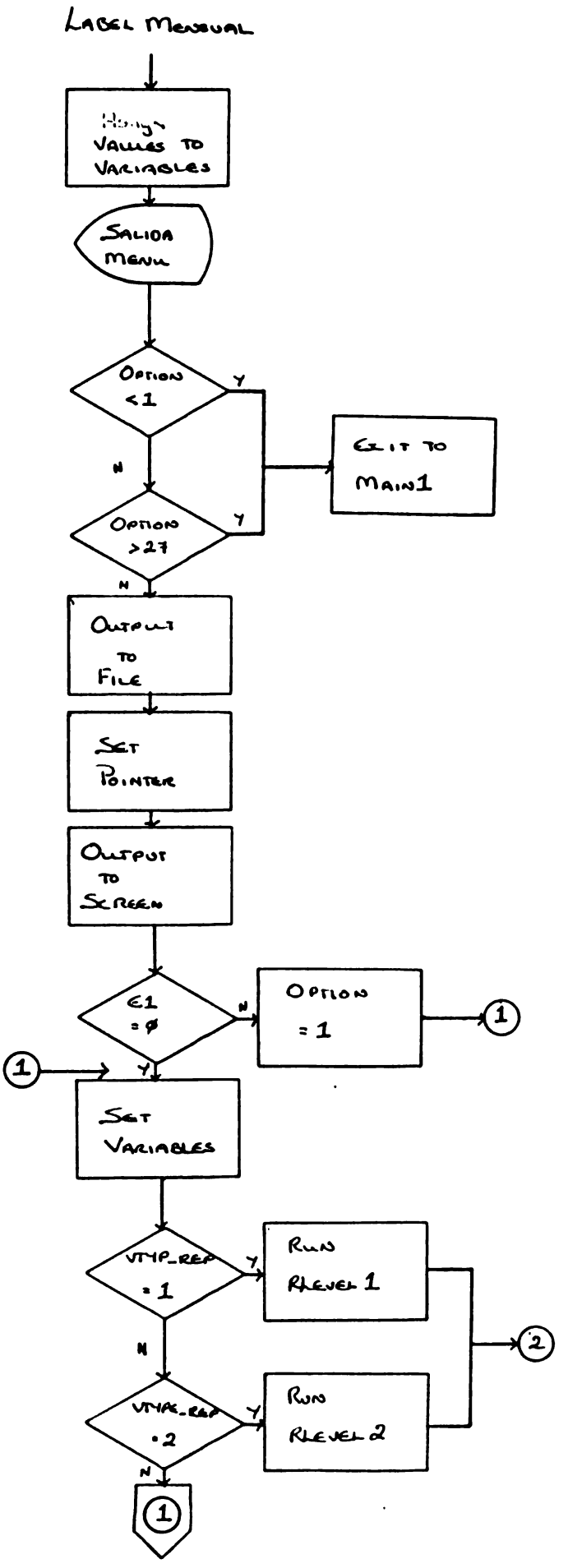

SET VARIABLES
ASSIGN VALUES
ERASE INFO'
N
ENTER COMMAND VFL
Y
SET VARIABLES
OUTPUT TO FILE
VC FAILS
N
Y
DELETE INFO'
OUTPUT TO SCREEN
ACCESA

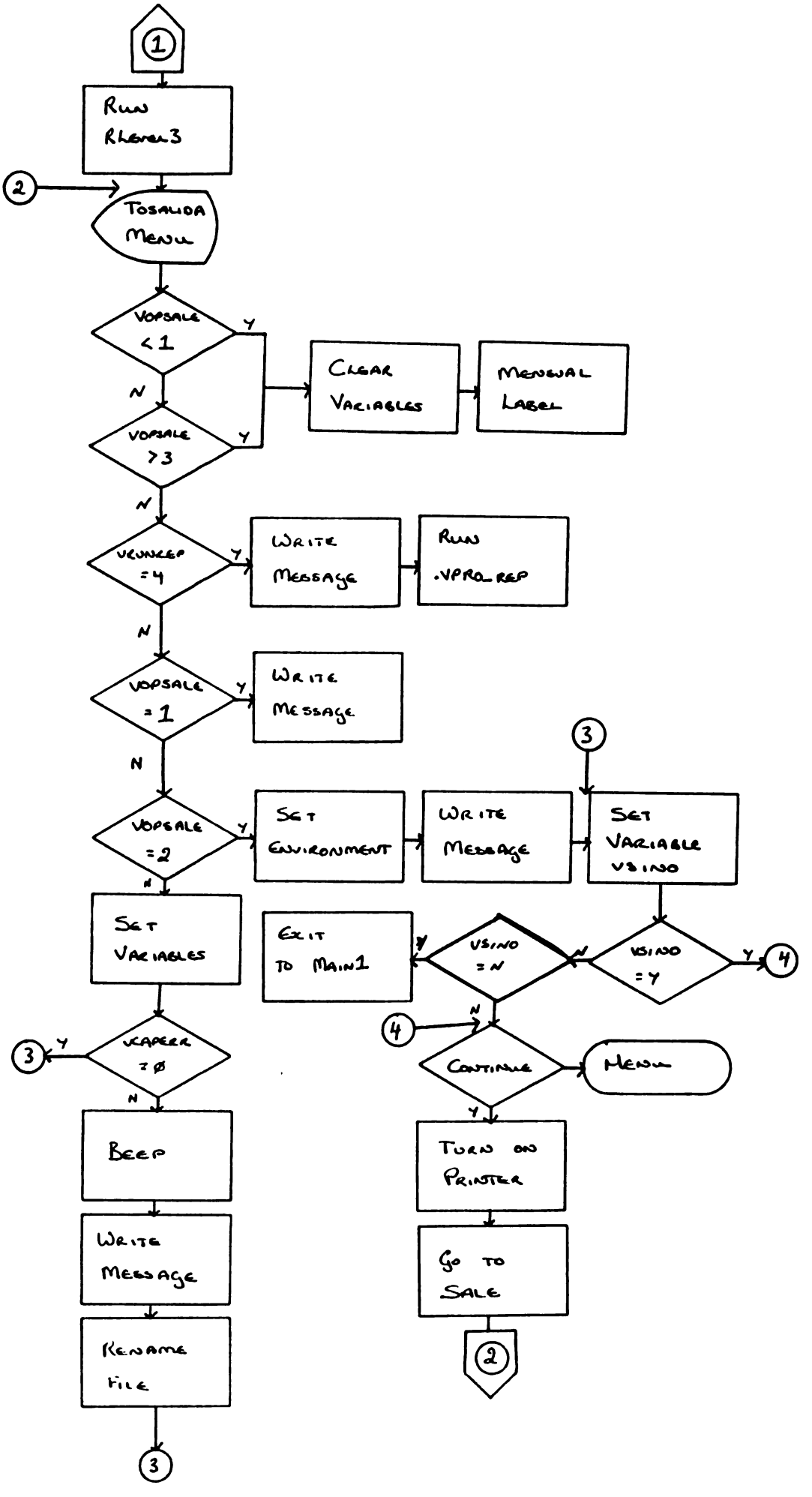
SALIDA

```
LABEL MENUSAL
cls
clear all var
set v voption = 0
set v vborra = "  "
set lines 24
disp salida.men
set lines 20

while voption LT 1 or voption GT 27 then
   write .vborra at 23 46
   fill voption = 2  usi " " at 23 46
   if voption fai then
      quit to main1
   endif
   out basura
   set poi #1 e1 for TYPEOUT whe num_rep = .voption
   out scr
   if e1 NE 0 then
      set v voption = -1
   endif
endw

LABEL SALIDA
   set err var verror
   set v vopsale INT vborra TEX vtit_rep TEX vwid_rep TEX vpro_rep TEX  +
         vcap_err INT vout TEX vtyp_rep text vrun_rep tex  +
         vcol_rep tex

   set v vtit_rep = tit_rep  vwid_rep = wid_rep  vtyp_rep = typ_rep +
         vcol_rep = col_rep  vrun_rep = run_rep +
         vnom_rep = nom_rep  vpro_rep = pro_rep  IN #1
   set v vopsale = 0   vborra = " "

   If vtyp_rep = 1 then
      run rlevel1
   else
     If vtyp_rep = 2 then
        run rlevel2
     else
       If vtyp_rep = 3 then
          run rlevel3
       endif
     endif
   endif

   set lines 24
   cls from 3
   disp tosalida.men at 9
   set lines 20

   while vopsale LT 1 or vopsale GT 3 then
      write .vborra at 15 61
      fill vopsale = 1  usi " " at 15 61
   endw

   if vopsale fails then
```

```
   endif

   If vrun_rep = Y then
      cls
      write " Preparing files ......Wait  " at 12 30 white
      run .vpro_rep
   endif

   if vopsale = 1 then
      set err mess off
      cls ; wri " Wait .......... " at 12 35 white
      goto sale
   endif

   if vopsale = 2 then
      if vwid_rep = "L" then
         cls
         beep
         wri " This report needs 15 inches width paper and Condensed Letter." +
               at 12 10
         set v vsino text ;  set v vsino = m
         while vsino NE y and vsino NE n then
            fill vsino = 0 usi "Continue (y/n)? " at 24 60
         endw
         if vsino EQ n then
            quit to main1
         endif
      endif
      cls ; wri " Wait .......... " at 12 35 white
      out pri
      goto sale
   endif

   if vopsale = 3 then
      set v vborra = "          "
      set v vcap_err = 1
      whi vcap_err NE 0 then
         wri .vborra at 14 53
         beep
         fill vnom_fil = 7 usi "Type and [enter] DOS-File Name: " at 14 22
         set err mess off
         ren basura .vnom_fil
         set v vcap_err = .verror
         set err mess on
      endw
      set v vsino text ;  set v vsino = m
      while vsino NE y and vsino NE n then
         fill vsino = 0 usi "Continue (y/n)? " at 24 60
      endw
      if vsino EQ n then
         quit to main1
      endif
      ren .vnom_fil basura
      cls ; wri " Wait .......... " at 12 35 white
      out .vnom_fil
      pri &repint
      out scr
      goto menusal
   endif

LABEL SALE

f vopsale EQ 1 then
   out previ rep
```

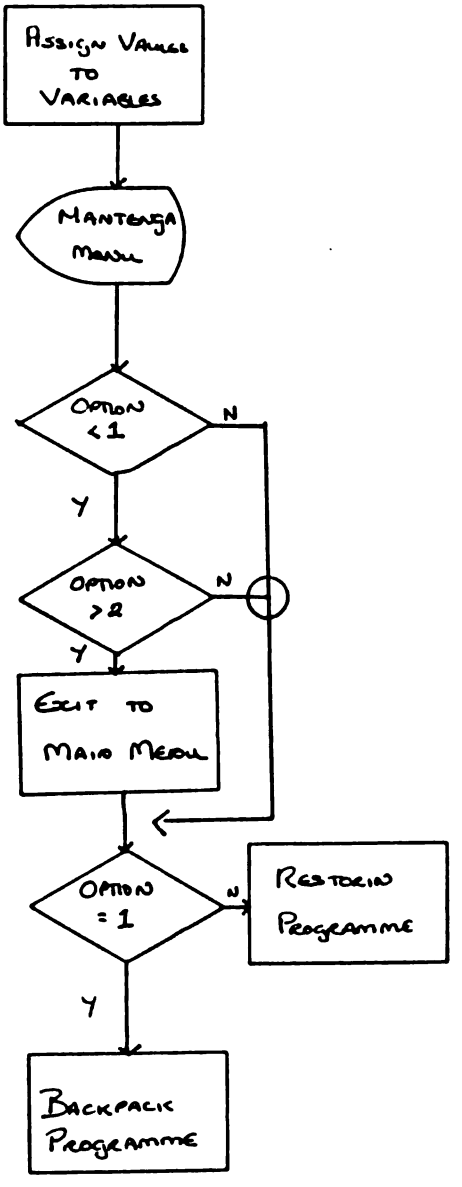
```
zip to1106 command /c \p15\p4 \barbados\prov1.rep
return
ndif

prin &repint
ut scr
uit to main1
```


LABEL MENSUAL
VALUES TO VARIABLES
SALIDA MENU
OPTION <1
Y
N
EXIT TO MAIN1
OPTION >27
Y
N
OUTPUT TO FILE
SET POINTER
OUTPUT TO SCREEN
<1 = 0
N
OPTION = 1
1
1
Y
SET VARIABLES
VTYP_REP = 1
Y
RUN RLEVEL 1
N
VTYP_REP = 2
Y
RUN RLEVEL 2
2
N
1


1
RUN RHEVEN3
2
TOSALIDA MENU
VOPSALE < 1
Y
N
CLEAR VARIABLES
MENUVAL LABEL
VOPSALE > 3
Y
N
VCUNKEP = 4
Y
WRITE MESSAGE
RUN .VPRO_REP
N
VOPSALE = 1
Y
WRITE MESSAGE
N
VOPSALE = 2
Y
SET ENVIRONMENT
WRITE MESSAGE
3
SET VARIABLE VSINO
N
SET VARIABLES
EXIT TO MAIN1
Y
VSINO = N
N
VSINO = Y
Y
4
4
N
CONTINUE
MENU
Y
VCAPERR = 0
3
Y
N
BEEP
WRITE MESSAGE
RENAME FILE
3
TURN ON PRINTER
GO TO SALE
2

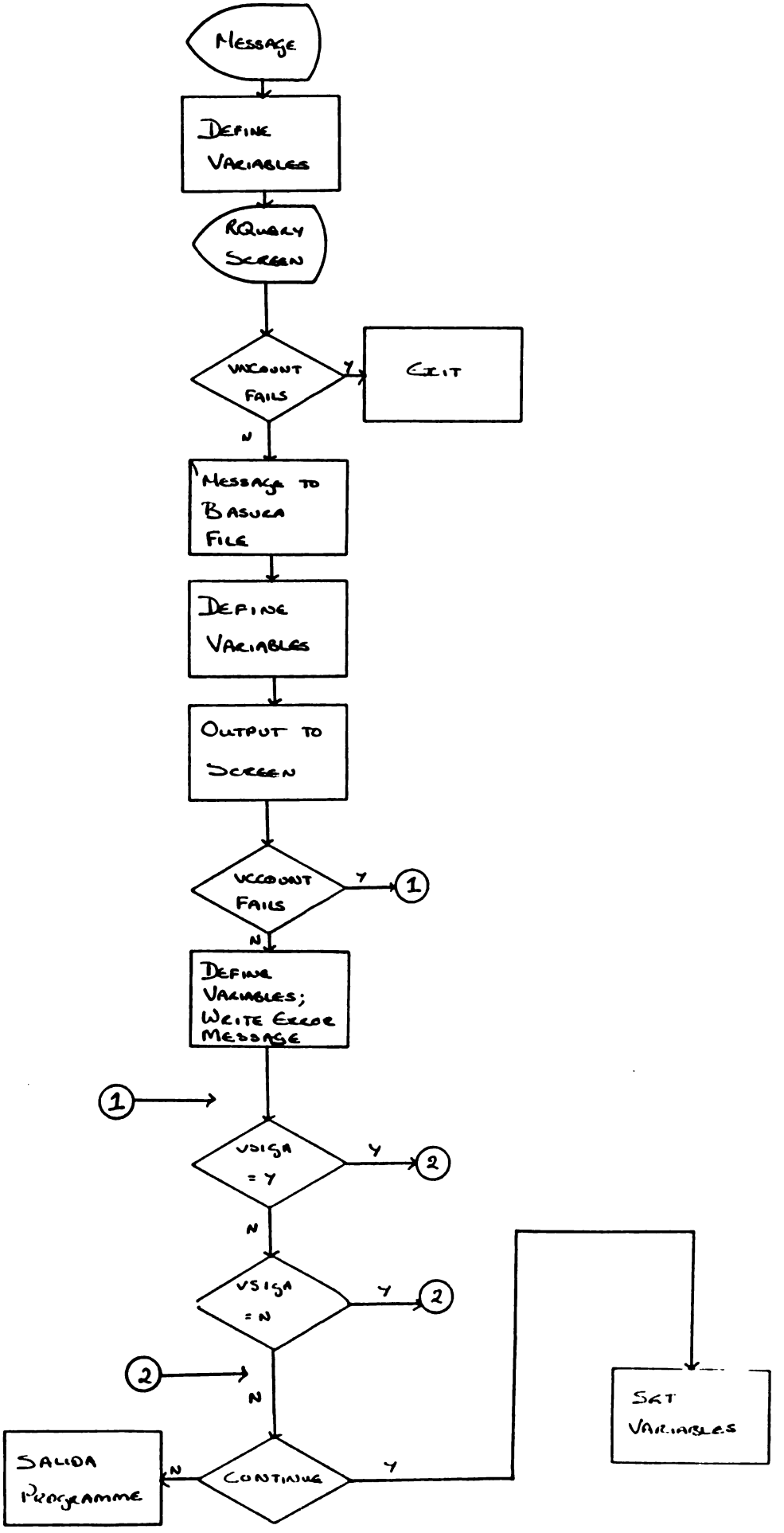
MANTENGA

```
cls
set v voption = 0
set lines 24
disp mantenga.men at 8
set lines 20

while voption LT 1 or voption GT 2 then
   write .vborra at 13 61
   fill voption = 1  usi " " at 13 61
endw

if voption fails then
   quit to main1
endif

if voption EQ 1 then
   quit to backpack
else

  if voption EQ 2 then
     quit to restorin
  endif
endif
```


ASSIGN VALUES TO VARIABLES
MANTENGA MENU
OPTION < 1
N
Y
OPTION > 2
N
Y
EXIT TO MAIN MENU
OPTION = 1
N
RESTORING PROGRAMME
Y
BACKPACK PROGRAMME

Rlevel1

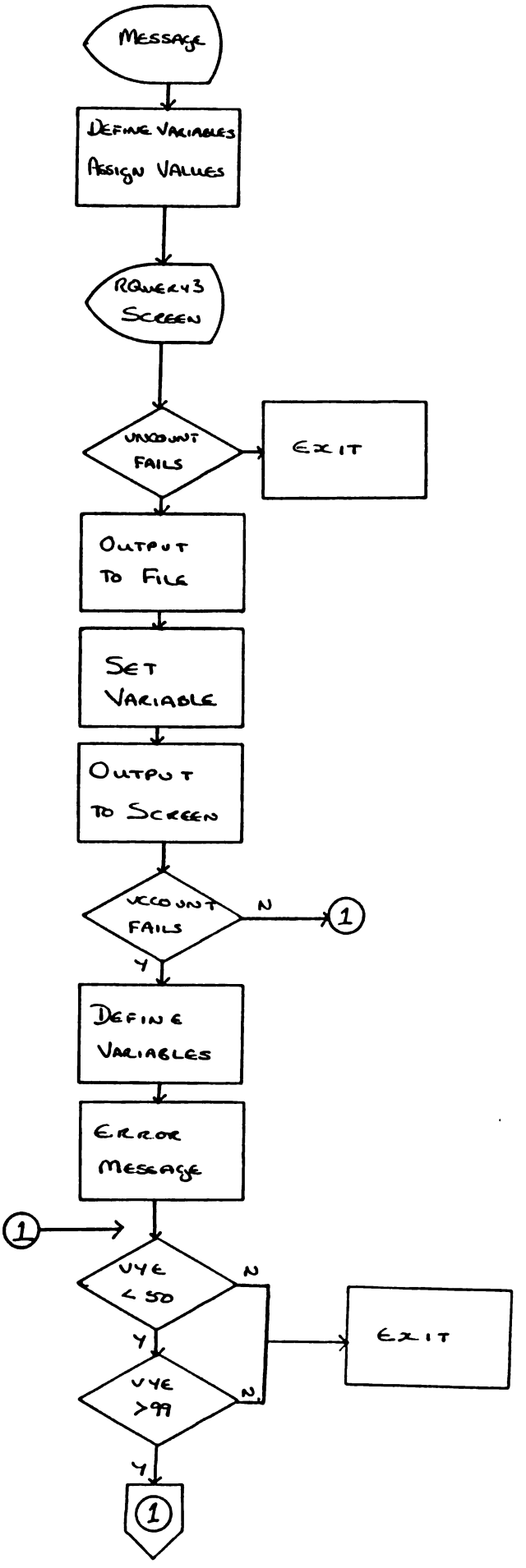
```
*( Rlevel1: Reports by Country )

LABEL INICIA
cls
wri "Query for Output:" at 1 1
wri .vtit_rep at 2 1
set v vccount tex vncount text vsiga tex repint text repint1 tex
set v vncount = " "
disp rquery1.scr at 9

whi vncount = " " then
    fill vncount = 15 usi "" at 11 34
    if vncount fail then
       set v vccount = "?"
       break
    else
       out basura
       set v vccount = ccountry in Tcountry whe ncountry = .vncount
       out scr
    endif
    if vccount fail then
       set v vncount = " "
       wri "              - ERROR - Country not registered. Press any key " +
           at 1 1 white
       fill vsiga usi "" at 1 62
       wri "Query for Output:                                              " +
            at 1 1
       wri "               " at 11 34
    endif
endw

set v vsiga = " "
while vsiga NE y and vsiga NE n then
   cls fro 24 to 24
   fill vsiga = 0 usi "Continue (y/n)? " at 24 55
endw

if vsiga EQ n then
   quit to salida
endif

set v repint1 = .vccount
set v repint =  .vnom_rep &  "whe" & .vcol_rep & "=" & .repint1
return
```

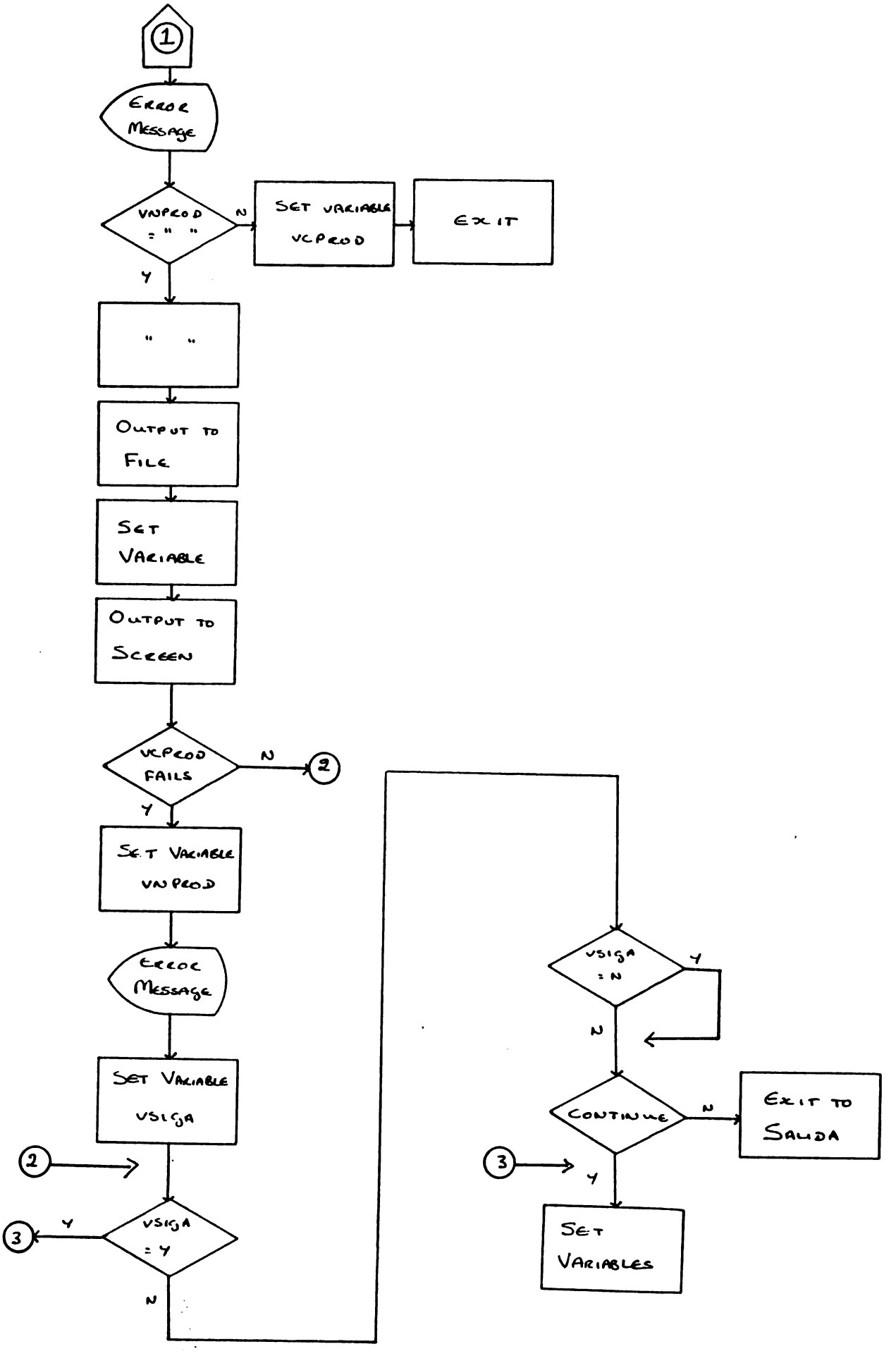

Message
Define Variables
RQuery Screen
VACount Fails
Y
Exit
N
Message to Basica File
Define Variables
Output to Screen
VCCount Fails
Y
1
N
Define Variables; Write Error Message
1
VSIGA = Y
Y
2
N
VSIGA = N
Y
2
2
N
Set Variables
Salida Programme
N
Continue
Y

Rlevel2

```
( Rlevel2: Reports by Country and Year )

LABEL INICIA
cls
wri "Query for Output:" at 1 1
wri .vtit_rep at 2 1
set v vccount tex vncount text  vye tex vsiga tex repint tex repint1 tex
set v vncount = " "   vye = 49
disp rquery2.scr at 9

whi vncount = " " then
    fill vncount = 15 usi "" at 11 30
    if vncount fail then
       set v vccount = "?"
       break
    else
       out basura
       set v vccount = ccountry in Tcountry whe ncountry = .vncount
       out scr
    endif
    if vccount fail then
       set v vncount = " "
       wri "              - ERROR - Country not registered. Press any key " +
           at 1 1 white
       fill vsiga usi "" at 1 62
       wri "Query for Output:                                              " +
            at 1 1
       wri "               " at 11 30
    endif
endw

whi vye LT 50 or vye GT 99 then
    fill vye = 2 usi "" at 11 60
    if vye fail then
       set v vye = "??"
       break
    endif
    if vye LT 50 or vye GT 99 then
       wri "              - ERROR - Year out of range. Press any key " +
           at 1 1 white
       fill vsiga = 0 usi "" at 1 59
       wri "Query for Output:                                              " +
            at 1 1
       wri "  " at 11 60
    endif
endw

set v vsiga = " "
while vsiga NE y and vsiga NE n then
   cls fro 24 to 24
   fill vsiga = 0 usi "Continue (y/n)? " at 24 55
endw

if vsiga = n then
   quit to salida
endif

set v repint1 = vccount + vye
```

```
      wri                                                    Key " +
          at 1 1 white
          fill vsiga = 0 usi "" at 1 62
      wri "Query for Output:                                      " +
           at 1 1
      wri "                " at 12 34
    endif
endw

:et v vsiga = " "
while vsiga NE y and vsiga NE n then
   cls fro 24 to 24
   fill vsiga = 0 usi "Continue (y/n)? " at 24 55
endw

.f vsiga = n then
   quit to salida
endif

:et v repint1 = .vccount + .vye + .vcprod
set v repint = .vnom_rep & "whe" & .vcol_rep & "=" & .repint1
return
```

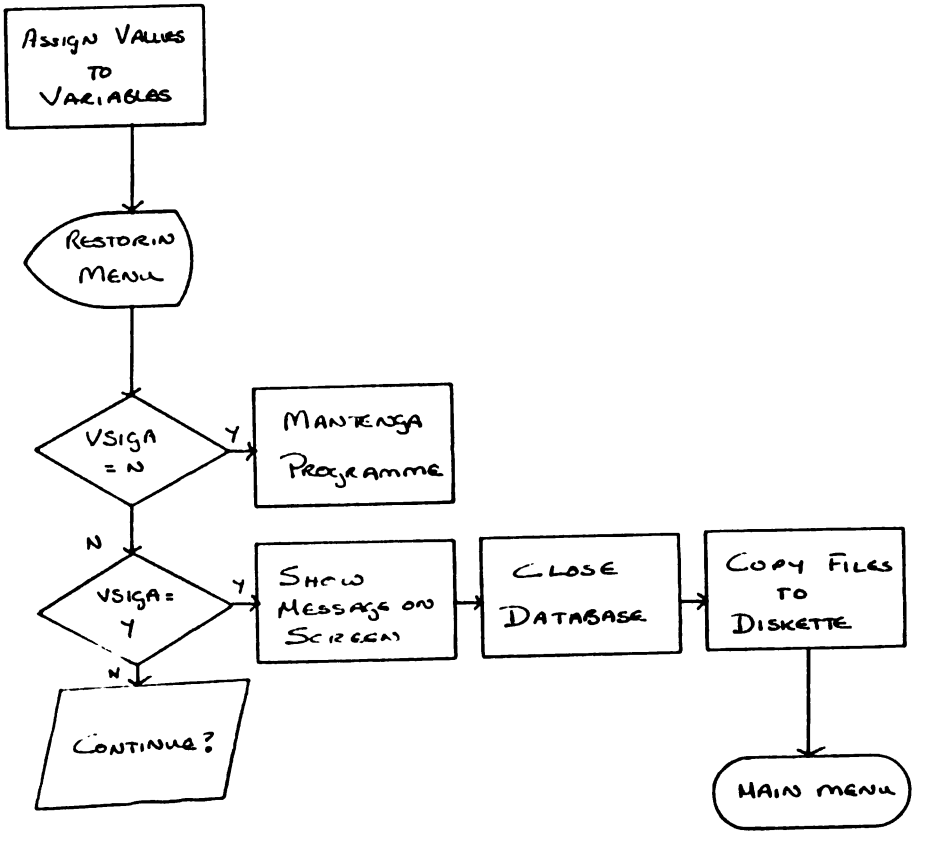

MESSAGE
DEFINE VARIABLES
ASSIGN VALUES
RQUERY3
SCREEN
UNCOUNT
FAILS
EXIT
OUTPUT
TO FILE
SET
VARIABLE
OUTPUT
TO SCREEN
VCOUNT
FAILS
N
1
Y
DEFINE
VARIABLES
ERROR
MESSAGE
1
VYE
< 50
N
Y
EXIT
VYE
>99
N
Y
1


1
ERROR MESSAGE
VNPROD = " "
N
SET VARIABLE VCPROD
EXIT
Y
" "
OUTPUT TO FILE
SET VARIABLE
OUTPUT TO SCREEN
VCPROD FAILS
N
2
Y
SET VARIABLE VNPROD
ERROR MESSAGE
SET VARIABLE VSIGA
2
3
Y
VSIGA = Y
N
VSIGA = N
Y
N
CONTINUE
N
EXIT TO SALIDA
3
Y
SET VARIABLES

RESTORE.IN

```
:ls
set v vsiga = "f"
display restorin.men
set v vsiga = "f"
whi vsiga NE "n" and vsiga NE "y" then
    fill vsiga = 0 usi "Continue (y/n)?" at 23 50
endw
if vsiga EQ "n" then
    quit to mantenga
endif

:ls
wri "DO NOT INTERRUPT THIS PROCESS .... wait " at 1 1 white
:lose
:ip \dos\restore a:
quit to main
```

RESTORIN


ASSIGN VALUES TO VARIABLES
RESTORIN MENU
VSIGA = N
Y
MANTENGA PROGRAMME
N
VSIGA = Y
Y
SHOW MESSAGE ON SCREEN
CLOSE DATABASE
COPY FILES TO DISKETTE
N
CONTINUE?
MAIN MENU

Menu and Batch Files

When the computer is turned on or booted (re-started without switching it off and on again), an options menu will appear on the screen, with the instruction "Type # of option and [Enter]". Choose the programme you wish to operate and type its number (no. 4 for rbase). This automatically executes that programme and takes you to the first screen.

A menu like this is created using batch files. A batch file (extension .BAT) is a file where a string of commands is stored. On typing the name of the file and [Enter], these commands are executed. Hence for each option on the menu, there is a .BAT file and there is also one for bringing the menu on to the screen.

How Does the Menu's System Operate?

1. Directory Select contains:

```
MENU.DOC
MENU.BAT
X.BAT
X.BAT
X.BAT
X.BAT
```

2. MENU.DOC contains the menu screen; you can change it with Word Processor in the form of DOS file.

3. MENU.BAT contains:

```
Echo off
Cls
cd\Select
Type Menu.doc
```

4. Each X.Bat contains:

```
Echo off
Cls
... )
... )  instructions for running the application.
... )
\menu
```

5. To create a batch file, use the command \dos\edlin (batch file name.bat), where \dos is the directory and \edlin is the programme used. "l" lists the file, "i" enables you to insert, "q" to quit editing, "e" to exit. By typing a number that is already entered, you can edit that particular command. You can also use the Word Processor in File Dos mode.

6. It is convenient to copy Menu.bat to all directories, including the main directory.

Debugging the Caribbean Database

1. When editing forms and sorting by column, sometimes forms won't let you see next/previous record. Create a dummy variable in form (just define - do not locate).

2. Countries must be registered before they can be worked with. The same goes for products.

3. "Record Already Registered" will show on screen when not true. Change country name, enter information, change country name back to what it was.

12. MAINTENANCE

Checking Database Files for Structural Errors

Use DOS commands.

```
create dir reload (dbase to be copied there)
cd\barbados
\rbfiles\tools\rbcheck DATABASE NAME
```

If errors are found, instal previous version of the database and re-enter information. Checks should be done to the database when one deletes frequently.

Deleting

```
pro del
del rows where name exists or name fails (deletes all rows)
exit rbase
\rbase\tools\rbcheck DATABASE NAME - once o.k. return to rbase
erase \reload
rel \reload\DATABASE NAME
dir *.rbf - gives the 3 dbase files (RBF file 1 = structure
                                    RBF file 2 = data
                                    RBF file 3 = index)
dir \reload\
cd\reload
\rbfiles\tools\rbcheck DATABASE NAME (checks that new version is
                                      without errors)
```

Delete Old Version

Go to database
R>close
R>set mess on
R>erase *.rbf - NOTE NEVER erase *.*

Reload

Copy \reload
zip \dos\comp *.rbf \reload*.*

Backup

(copying files to diskette)
cd\barbados
\dos\backup c:\barbados*.* a:

Renaming Computed Columns

Change type, i.e. eliminate expression
redefine columname to text __ (length of characters in expression)
  in tablename
list tablename
remove column columname from tablename

Note

The rows in the following tables MUST remain:

forms, reports, rules, typeout, typein

Commerce must have one empty row. If it has been deleted, set rules off, enter the row, set rules on.

ANNEXES

Annex 1

ENTRY AND EDIT OPTIONS

Forms

ANNEXES

Annex 1

ENTRY AND EDIT OPTIONS

Forms

Selection of Type of Information

[1] Registration of Countries
[2] Registration of Products
[3] Registration of Countries involved in External Commerce
[4] Population, Employment, Money Supply, Consumer Price Index
[5] Composition of GDP by Sector
[6] Loans and Advances by Sector, External public Debts and Public Sector Operations
[7] Imports and Exports by Sector
[8] Exports by Sector and Country of Destination
[9] Imports by Sector and Country of Origin
[10] Distribution of Farmers by Gender and Age
[11] Land Aptitudes, Slope of Land and Environmental Factors
[12] Land Use, and number, Size and Average of Parcels per Holdings
[13] Distribution of Farms by Type of Tenure
[14] Seasonality of Selected Crops
[15] Agricultural Credits
[16] Food Imports, Volume and Value of Agricultural Produce Exports
[17] Type of Production: # of Farms, Area, Total Production, Prices
[18] Agric. Exports by Type of Prod. and Country of Destination
[19] Agric. Imports by Type of Prod. and Country of Origin
[20] Animal Population, Distribution of Livestock Farms by Number of Heads
[21] Animal Products and Slaughter House Capacity
[22] Agro-Processor Firms

Type and [Enter] the # of your selection [ ]

LIST OF FORMS

Option Number, Title, and Tables of Entry and Edit Forms

[1] Registration of Countries
FCOUNTRY FCOUNTRY (tcountry)

[2] Registration of Products
FLPROD FEPROD (tproduct)

[3] Registration of Countries involved in External Commerce
FLCOM FECOM (comerce)

[4] Population, Employment, Money Supply, Consumer Price Index
FLTAB1 FETAB1 (tabla_1)

[5] Composition of GDP by Sector
FLTAB2 FETAB2 (tabla_2)

[6] Loan and Advances by Sector, External Public Debt, Public Sector Operations
FLTAB21 FETAB21 (tabla2_1)

[7] Imports and Exports by Sector
FLTAB4 FETAB4 (tabla_4)

[8] Exports by Sector and Country of Destination
FLTAB41 FETAB41 (tabla401 ; tabla_41)

[9] Imports by Sector and Country of Origin
FLTAB42 FETAB42 (tabla402 ; tabla42)

[10] Distribution of Farmer by Gender and Age
FLTAB6 FETAB6 (tabla_6)

[11] Land Aptitudes, Slope of Land and Environmental Factors
FLTAB7 FETAB7 (tabla_7)

[12] Land Use, and Number, Size and Averages of Parcels per Holdings
FLTAB8 FETAB8 (tabla_8)

[13] Distribution of Farms by Type of Tenure
FLTAB9 FETAB9 (tabla_9)

[14] Seasonality of Selected Crops
FLTAB10 FETAB10 (tabla100 ; tabla_10)

[15] Agricultural Credit
FLTAB91 FETAB91 (tabla9_1)

LIST OF FORMS
Titles, Entry and Edit Forms, Table
(Cont.)

[16] Food Imports and Volume and Value of Exports of Agricultural Produce
FLTAB5 FETAB5 (tabla_5)

[17] Type of Production.- Number of Farms, Area, Total Production and Prices
FLTAB3 FETAB3 (tabla_3)

[18] Agric. Exports by Type of Production and Country of Destination
FLTAB15 FETAB15 (tabla15 ; tabla151)

[19] Agric. Imports by Type of Production and Country of Origin
FLTAB16 FETAB16 (tabla16 ; tabla161)

[20] Animal Population, Distribution of Livestock by Number of Heads
FLTAB11 FETAB11 (tabla_11)

[21] Animal Production and Slaughter House Capacity
FLTAB14 FETAB14 (tabla_14)

[22] Agro-processor Firms Information
FLTAB13 FETAB13 (tabla_13 ; tabla131 ; tabla132)

Registration of Countries

Add Edit again

REGISTRATION OF COUNTRIES

Name of the country:

Code for this country:

Currency (Symbol):

[Enter] next field, [Esc] TOP MENU

Registration of Product

Add Edit again

REGISTRATION OF PRODUCTS

Name of the Product:

Code for this Product:

[Enter] next field, [Esc] TOP MENU

Registration of Countries involved in External Commerce

Add Edit again

REGISTRATION OF COUNTRIES INVOLVED IN EXTERNAL COMMERCE

Name of the country:

Code for this country:

[Enter] next field, [Esc] TOP MENU

Population, Employment, Money Supply, Consumer Price Index

Add Edit again

Country: Year: 19

POPULATION

Population Total:		
Percent Urban:		%
Percent in Capital:		%
Percent Male:		%
Percent Female:	100.	%
Percent Literate:		%

Distribution by Age

Group of age	Number of people
0 - 15	
16 - 20	
26 - 30	
36 - 40	
46 - 50	
56 - 60	
Over 60	
(T1) TOTAL	0.

[Enter] next field, [PgDn] next page, [Esc] TOP MENU

Country: Year: 19

EMPLOYMENT

Total people employed:

Total Salaries paid
- Current prices:

Unemployment Rates (%)

Age Group	Male	Female	Total
15 - 24			
25 - 34			
35 - 44			
45 - 55			
55 - 65			
Over 65			
TOTAL			

[Enter] next field, [PgDn] next page, [PgUp] previous page, [Esc] TOP MENU

Country: Year: 19

MONEY SUPPLY & INFLATION RATES

Money supply :	Consumer Price Index:
% Change over prev. year:	% Annual Inflation:

[Enter] next field, [PgUp] previous page, [Esc] TOP MENU

Composition of GDP by sector

Add Edit again

Country: Year: 19

COMPOSITION OF GDP BY SECTOR Continue

SECTORS	CURRENT PRICES	CONSTANT PRICES	%
TOTAL	0.		100.00
Crops			
Livestock			
Fishing			
Forestry			
Minig & Quarrying			
Electricity & Water			
Manufacturing			
Construction			
			Price Index:

[Enter] next field, [PgDn] next page, [ESC] TOP MENU

Country: Year: 19

COMPOSITION OF GDP BY SECTOR

SECTORS	CURRENT PRICES	CONSTANT PRICES	%
TOTAL	0.		100.00
Wholesale & Retail Trade			
Hotel & Restaurants			
Transport & Communication			
Banking & Insurance			
Real Estate & Housing			
Government Services			
Other Services			
			Price Index:

[Enter] next field, [PgUp] previous page, [ESC] TOP MENU

Loans and advances by Sector, External Public Debt, Public Sect. Oper.

Add Edit again

Country: Year: 19

DISTRIBUTION OF LOANS AND ADVANCES BY SECTOR (US$'M)

SECTOR	LOAN/ADVANCE	PERCENTAGE
Agriculture		
Fisheries		
Manufacturing		
Distribution		
Tourism		
Entertainment & Catering		
Transport		
Construction		
Government & Statutory Bodies		
Personal		
Other		
TOTAL	0.	100.00

[Enter] next field, [PgDn] next page, [Esc] TOP MENU

Country: Year: 19

SUMMARY OF EXTERNAL PUBLIC DEBT OPERATIONS (US$'M)

EXCHANGE CURRENCY RATE US$ 1 =	
TOTAL OUTSTANDING DEPT AT END OF PERIOD	
DEBT SERVICE PAYMENTS	0.
Amortization	
Interest	
Overdue obligations	
Total debt outstanding / GDP	
Debt service / GDP	
Debt service / Exports	

[Enter] next field, [PgDn] next page, [PgUp] previous page, [Esc] TOP MENU

Country:

Year: 19

SUMMARY OPERATIONS OF THE PUBLIC SECTOR — Continue

CONSOLIDATED PUBLIC SECTOR	
Current revenue	
o.w. budgetary grants	
Current expenditure	
Current account balance	0.
Capital expenditure	
Overall surplus/deficit (-)	0.
Financing	0.
External grants	
External (net)	
Domestic (net)	
Others (net)	

[Enter] next field, [PgDn] next page, [PgUp] previous page, [Esc] TOP MENU

Country:

Year: 19

SUMMARY OPERATIONS OF THE PUBLIC SECTOR — Continue

CENTRAL GOVERNMENT	
Current revenue	
o.w. budgetary grants	
Current expenditure	
Current account balance	0.
Cap. expenditure & net lending	0.
o.w.: Fixed capital formation	
Tranfers rest public sector	
Overall surplus/deficit (-)	0.

[Enter] next field, [PgDn] next page, [PgUp] previous page, [Esc] TOP MENU

Country:

Year: 19

SUMMARY OPERATIONS OF THE PUBLIC SECTOR

Financing	0.
External grants	
External (net)	
Domestic (net)	
Others (net)	

[Enter] next field, [PgUp] previous page, [ESC] TOP MENU

Imports and Exports by sector

Add Edit again

Country: Year: 19

IMPORTS AND EXPORTS BY SECTOR (US$'M)

SECTOR	IMPORTS	EXPORTS	BALANCE
Food & live Animals			0.
Beverages & Tobacco			0.
Crude Materials inedible except fuels			0.
Mineral Fuels, lubicants & related materials			0.
Animal & vegetable oils & fats			0.
Chemicals			0.
Manufactured Goods Classified chiefly by material			0.
Machinery & Transport Equipment			0.
Miscellaneous Manufactured Articles			0.
Commodities & transaction not classified according to kind			0.
TOTAL	0.	0.	0.

[Enter] next field, [Esc] TOP MENU

Imports by Sector and Country of Origin

Add Edit again

Country: Year: 19

IMPORTS BY SECTOR AND COUNTRY OF ORIGIN (US$'M)

CODE	SECTOR	CODE	SECTOR
0	Food & live Animals	6	Manufactured goods classified by material
1	Beverages & Tobacco	7	Machinery and transport equipment
2	Crude Materials inedible except fuels	8	Miscellaneous manufactured articles
3	Mineral foods, lubricants & related materials	9	Commodities & transactions not classified accordind to kind
4	Animal & vegetable oils & fats		
5	Chemicals		

SECTOR CODE	COUNTRY OF ORIGIN	VALUE (US$'M)

[Enter] next field, [Esc] TOP MENU

Distribution of Farmers by Gender and Age

Add Edit again

Country: Year: 19

DISTRIBUTION OF FARMERS BY GENDER AND AGE

TOTAL NUMBER OF FARMERS

TOTAL RURAL POPULATION 0.

SEX	No. OF FARMERS	%
Male		
Female		

AGE GROUP	No. OF FARMERS	%
< 20		
20 - 30		
31 - 45		
46 - 60		
> 60		

[Enter] next field, [Esc] TOP MENU

Land Aptitudes, Slope of Land and Environmental Factors

Add Edit again

Country:

LAND APTITUDE (Acres ; %)			SLOPE OF LAND
TOTAL LAND AREA	0.	100.00%	
Total Cultivable lands	0.		% of Slope : % of Land
w/o limitations			
moderate limitations			0 - 5
strong limitations			6 - 10
			11 - 20
Pasture/tree crops			21 - 30
			> 30
Permanent tree crops			
Natural forest			
Non-agricultural			

[Enter] next field, [PgDn] next page, [Esc] TOP MENU

Country:

ENVIRONMENTAL FACTORS					
ALTITUDE (feet)	Highest Point	Lowest Point			
TEMPERATURE (°F)	Average High	Average Low	Mean Annual		
RELATIVE HUMIDITY (%)	Average High	Average Low	Mean Annual		
RAINFALL (inch/year)	Average High	Average Low	Mean Annual	Driest Month	Wettest Month

[Enter] next field, [PgUp] previous page, [Esc] TOP MENU

Land Use, and Number, Size and Averages of Parcels per Holdings

Add Edit again

Country: Year: 19

LAND USE (Acres ; %)

CATEGORY	ACREAGE	%
TOTAL LAND AREA		100.00
TOTAL LAND IN AGRIC. USE	0.	
Land under temporary crops		
Land under tree crops		
Grassland-Cultivated		
Grassland-Uncultivated		
Forest/Woodland		
NON-AGRICULTURAL USE		

[Enter] next field, [PgDn] next page, [Esc] TOP MENU

Country: Year: 19

NUMBER, SIZE AND AVERAGE NUMBERS OF PARCELS PER HOLDINGS

SIZE GROUP Acres	HOLDINGS No.	HOLDINGS %	AREA OCCUPIED Acres	AREA OCCUPIED %	AVERAGE No. OF PARCELS No.	AVERAGE SIZE OF PARCELS Acres
< 0.5						
.5 - 1.0						
1.0 - 2.0						
2.0 - 5.0						
5.0 - 10.0						
10.0 - 20.0						
20.0 - 30.0						
> 30.0						
TOTAL	0.	100.0	0.	100.0		

AVERAGE HOLDING SIZE

[Enter] next field, [PgUp] previous page, [Esc] TOP MENU

Distributions of Farms by Type of Tenure

Add Edit again

Country: Year: 19

DISTRIBUTION OF FARMS BY TYPE OF TENURE

	No.	%	ACREAGE	%
Owned by individuals				
Owned by families				
Part owned and part rented				
Managed for others				
Rented/Leased				
Share Cropped				
'Landless' Farmers				
Other				
TOTAL	0.	100.0	0.	100.0

TOTAL LAND AREA

[Enter] next field, [Esc] TOP MENU

Seasonality of Selected Crops

Add Edit again

Country:

SEASONALITY OF SELECTED CROPS

PRODUCT	SEASON NUMBER	RANGE OF SEASON		
		FIRST MONTH	LAST MONTH	PEAK MONTH

[Enter] next field, [Esc] TOP MENU

Agricultural Credit

Add Edit again

Country: Year: 19

DISTRIBUTION OF AGRICULTURAL CREDIT

PRODUCTION	NUMBER OF CREDIT		VALUE	
	APPROVED	DISBURSED	APPROVED	DISBURSED
Food Crops				
Export Crops				
Vegetables				
Livestock	0.	0.	0.	0.
Sheep				
Goats				
Cattle				
Chicken				
Pigs				
TOTAL	0.	0.	0.	0.

[Enter] next field, [Esc] TOP MENU

Food Imports and Volume and Value of Agricultural Produce Exports

Add Edit again

Country: Year: 19

FOOD IMPORTS (US$'M)

	TOTAL IMPORTS
TOTAL FOOD IMPORTS	0.
Meat and meat products	
Eggs and dairy	
Fish and crust.	
Cereals & preparations	
Vegetables	
Fruits	
Sugar	
Coffee, cocoa, species	
Feed stuff for animals	
Edible oils	
Other foods	

[Enter] next field, [PgDn] next page, [Esc] TOP MENU

Country: Year: 19

VOLUME AND VALUE OF EXPORTS OF AGRICULTURAL PRODUCE

DESTINATION	COMMODITY	(Tons.)	%	(US$'M)	%
EXTRA-REGIONAL	Fruits				
	Vegetables				
	Root-crops				
	Ornamentals				
	Others				
	SUBTOTAL	0.		0.	
REGIONAL	Fruits				
	Vegetables				
	Root-crops				
	Ornamentals				
	Others				
	SUBTOTAL	0.		0.	
	TOTAL	0.	100.00	0.	100.00

[Enter] next field, [PgUp] previous page, [Esc] TOP MENU

Type of Production.-Number of farms, Area, Total Production and Prices

Add Edit again

Country: Year: 19

Type of Production:

NUMBER OF FARMS, TOTAL PRODUCTION, AREA AND PRICES

No. of Farms:
Total Production (Tons.):
Annual Consumption (Tons.):
Daily Intake (Kg/Person/Day):

AREA (Acres)
Total Area:
Stand Alone Area:

PRICE PAID FOR THIS PRODUCT (/Ton)
Farmgate:
Retail:
Wholesale:

[Enter] next field, [ESC] TOP MENU

Agric. Exports by Type of Production and Country of Destination

Add Edit again

Country: Year: 19

Type of Production:

EXPORTS BY COUNTRY OF DESTINATION

COUNTRY OF DESTINATION	VOLUME (Tons.)	VALUE (US$'000)

[Enter] next field, [Esc] TOP MENU

Animal Population, Distribution of Livestock Farms by Number of Heads

Add Edit again

Country: Year: 19

ANIMAL POPULATION Continue

CATEGORIES	NUMBER	CATEGORIES	NUMBER
SWINE	0.	BEEF CATTLE	0.
Sows		Breeding Cows	
Boars		Heifers 2-3 years old	
Piglets		Heifers 1-2 years old	
		Calves < 1 year old	
POULTRY	0.		
Layers		Bulls > 3 years old	
Broilers		Bulls > 2 years old	
		Bulls > 1 year old	
		Steers	

[Enter] next field, [PgDn] next page, [Esc] TOP MENU

Country: Year: 19

ANIMAL POPULATION

CATEGORIES	NUMBER	CATEGORIES	NUMBER
DAIRY HERD	0.	SHEEP & GOAT	0.
Breeding Cows		Sheep	
Heifers 2-3 years old		Goat	
Heifers 1-2 years old			
Calves < 1 year old			
Bulls > 3 years old			
Bulls > 2 years old			
Bulls > 1 year old			
Steers			

[Enter] next field, [PgUp] previous page, [PgDn] next page, [Esc] TOP MENU

Country: year: 19

DISTRIBUTION OF LIVESTOCK FARMS BY NUMBER OF HEAD

HEADS	Number of Farms				
	Cattle	Sh./Goats	Swine	Poultry	Others
1 - 4					
5 - 9					
10 - 14					
15 - 19					
20 - 24					
> 25					
TOTAL	0.	0.	0.	0.	0.

[Enter] next field, [PgUp] previous page, [Esc] TOP MENU

Animal Products and Slaughter House Capacity

Add Edit again

Country: Year: 19

MILK PROCESSING CAPACITY

PRODUCT	TOTAL ('000 lbs)	IN USE (%)
MILK	0.	
Fresh		
Evaporated		
Condensed		
Skimmed		
CHEESE		
YOGURT		
ICE CREAM		
OTHER		

SLAUGHTER HOUSE CAPACITY

SPECIES	TOTAL (Heads/day)	IN USE (%)
Cattle		
Pigs		
Sheep/Goats		
Poultry		
Other		
TOTAL	0.	0.

[Enter] next field, [PgDn] next page, [Esc] TOP MENU

Country: Year: 19

MEAT PRODUCTION

SPECIES	TOTAL (Tons.)
Cattle	
Sheep	
Goats	
Poultry	
Pigs	
Others	
TOTAL	0.

MILK PRODUCTION

SOURCE	TOTAL (Tons.)
Cattle	
Goats	
Others	
TOTAL	0.

PRODUCTION OF MILK BY-PRODUCTS

ITEMS	TOTAL (Tons.)
MILK	0.
Fresh	
Evaporated	
Condensed	
Skimmed	
Full Cream Dried	
CHEESE	
ICE CREAM	
OTHERS	

[Enter] next field, [PgUp] previous page, [Esc] TOP MENU

Agro-processor Firms Information

Add Edit again Quit

Country:

AGRO-PROCESSORS FIRMS INFORMATION

Name of Firm:

Year Activities Initiated:
Number Full-Time Employees:
Number Part-Time Workers:

RAW MATERIAL USED			OUTPUTS OBTAINED		
TYPE	QUANTITY	UNIT	TYPE	QUANTITY	UNIT

[Enter] next field, [F9] next region, [Esc] TOP MENU

Annex 2

OUTPUT OPTIONS

Reports

Selection of Type of Report

[1] Composition of GDP Sector
[2] Unemployment by Age Group and Gender
[3] Balance of Visible Trade
[4] Estimated Openness of Economy
[5] Distribution of Loans and Advances by Sectors
[6] External Public Debt Operation
[7] Operation of the Public Sector
[8] Land Use
[9] Distribution of Farms by Type of Tenure
[10] Distribution of Farms by Type of Production
[11] Distribution of Farmers by Age
[12] Distribution of Farmers by Sex
[13] Production, Area, Yields, Exports, Imports, Prices and Apparent Consumption and Daily Intake of Food Crops
[14] Exports of Traditional Comodities by Country of Dest.
[15] Imports of Traditional Comodities by Country of Origin
[16] Seasonality of Commodities
[17] Production of Milk and Related
[18] Distribution of Animal Population
[19] Number of Animals Slaughtered
[20] Annual Livestock Numbers

Type and [Enter] the # of your selection [ ]

LIST OF REPORTS
Option Number, Title, Name and Table of Outputs

[1] Composition of GDP Sector
R:TAB2 (tabla_2)

[2] Unemployment by Age Group and Gender
R:TAB1 (tabla_1)

[3] Balance of Visible Trade
R:TAB4 (tabla_4)

[4] Estimated Openness of Economy
R:TAB4B (tabla_4)

[5] Distribution of Loans and Advances by Sectors
R:TAB2_1 (tabla2_1)

[6] Sumary of External Public Debt Operations
R:TAB21B (tabla2_1)

[7] Sumary of Operation of the Public Sector
R:TAB21C (tabla2_1)

[8] Land Use
R:TAB8 (tabla_8)

[9] Distribution of Farms by Type of Tenure
R:TAB9 (tabla_9)

[10] Distribution of Farms by Type of Production
R:TAB3 (tabla_3)

[11] Distribution of Farmers by Age
R:TAB6 (tabla_6)

[12] Distribution of Farmers by Sex
R:TAB6B (tabla_6)

[13] Production, Area, Yields, Exports, Imports, Prices and Apparent Consumption and Daily Intake of Food Crops
R:CUADRO (provi3 from tabla3 + tabla 151 + tabla161)

[14] Exports of Traditional Comodities by Country of Destination
R:TAB151 (tabla151)

[15] Imports of Traditional Comodities by Country of Origin
R:TAB161 (tabla161)

[16] Seasonality of Commodities
R:TAB10 (tabla_10)

LIST OF REPORTS
Option Number, Title, Name and Table of Outputs
(Cont.)

[17] Production of Milk and Related
R:TAB14C (tabla_14)

[18] Distribution of Animal Population
R:TAB11 (tabla_11)

[19] Number of Animals Slaughtered
R:TAB14B (tabla_14)

[20] Annual Livestock Numbers
R:TAB14 (tabla_14)

COMPOSITION OF GDP BY SECTOR
Current and Constant prices
(BDS$'M)

Country: Barbados Year: 1980

SECTORS	CURRENT PRICES	CONSTANT PRICES	%
Crops	123.60	5.37	48.93
Livestock	37.00	0.04	14.65
Fishing	1.00	0.04	0.40
Forestry	1.00	0.04	0.40
Mining & Quarrying	1.00	0.04	0.40
Electricity & Water	1.00	0.04	0.40
Manufacturing	1.00	0.04	0.40
Construction	1.00	0.04	0.40
Wholesale & Retail Trade	45.00	1.96	17.81
Hotel & Restaurants	1.00	0.04	0.40
Transport & Communication	36.00	1.57	14.25
Banking & Insurance	1.00	0.04	0.40
Real Estate & Housing	1.00	0.04	0.40
Government Services	1.00	0.04	0.40
Other Services	1.00	0.04	0.40
TOTAL	252.60	10.98	100.00

UNEMPLOYMENT BY AGE GROUP AND GENDER

Country: grenada Year: 1985

AGE GROUP (Years)	UNEMPLOYMENT RATE %		
	MALE	FEMALE	TOTAL
15 - 24	1.00	2.00	3.00
25 - 34	5.00	6.00	6.00
35 - 44	7.00	9.00	8.00
45 - 54	7.00	9.00	12.00
55 - 64	14.00	23.00	20.00
Over 65			
TOTAL	12.00	16.00	15.00

BALANCE OF VISIBLE TRADE
(US$ M)

Country: Barbados

YEAR	EXPORTS	IMPORTS	BALANCE
1980	33.00	33.00	0.00
1981	666.00	666.00	0.00
1982	14.00	127.00	-113.00
1990	0.00	0.00	0.00
1995	78.40	0.00	78.40
1998	0.00	0.00	0.00
TOTAL	791.40	826.00	-34.60

ESTIMATED OPENNESS OF THE ECONOMY

Country: Barbados

YEAR	[a] IMPORTS (US$ M)	[b] EXPORTS (US$ M)	[c] [a]+[b] (US$ M)	EXCHANGE US$ RATE (BDS$) ‡	[d] GDP (US$ M)	ESTIMATED OPENNESS OF ECONOMY [c]/[d]
1980	33.00	33.00	66.00	2.00	126.30	0.523
1981	666.00	666.00	1332.00			
1982	127.00	14.00	141.00			
1990	0.00	0.00	0.00			
1995	0.00	78.40	78.40			
1998	0.00	0.00	0.00			
TOTAL	826.00	791.40	1617.40		126.30	12.806

(‡) Exchange rate used to convert GDP to US$

DISTRIBUTION OF LOANS AND ADVANCES BY SECTORS
(US$'M)

Country: Barbados

YEAR	AGRICULTURE	FISHERIES	MANUFACTURING	DISTRIBUTION	TOURISM	ENTERTAINMENT & CATERING	TRANSPORT	CONSTRUCTION	GOVERNMENT & STAT. BODIES	PERSONAL	OTHER	TOTAL
1980	12.00	2.00	1.00	0.50	34.00		1.00				20.00	70.50
(%)	17.02	2.84	1.42	0.71	48.23	0.00	1.42	0.00	0.00	0.00	28.37	100.00
TOTAL	12.00	2.00	1.00	0.50	34.00	0.00	1.00	0.00	0.00	0.00	20.00	70.50

SUMMARY OF EXTERNAL PUBLIC DEBT OPERTATIONS

Country: grenada Year: 1985

TOTAL OUTSTANDING DEBT AT END OF PERIOD (US$'M)	49.62
DEBT SERVICE PAYMENTS (US$'M)	10.47
Amortization (US$'M)	6.49
Interest (US$'M)	1.07
Overdue Obligations (US$'M)	2.90
Total debt outstanding % GDP	51.80
Debt service % GDP	10.93
Debt service % Exports	17.35

SUMMAY OPERATIONS OF THE PUBLIC SECTOR
(EC$'M)

Country: grenada Year: 1985

I. CONSOLIDATED PUBLIC SECTOR	
Current revenue	128.50
o.w. budgetary grants	19.50
Current expenditure	99.40
Current account balance	29.10
Capital expenditure	83.10
Overall surplus/deficit (-)	-54.00
Financing	54.00
External grants	61.60
External (net)	-5.90
Domestic (net)	-5.40
Others (net)	3.70
II. CENTRAL GOVERNMENT	
Current revenue	119.90
o.w. budgetary grants	19.50
Current expenditure	98.60
Current account balance	21.30
Cap. expenditure & net lending	80.00
o.w.: Fixed capital formation	72.60
Transfer rest public sector	7.40
Overall surplus/deficit (-)	-58.70
Financing	
External grants	61.60
External (net)	-5.90
Domestic (net)	3.00
Others (net)	0.00

LAND USE

Country: Barbados Year: 1998

CATEGORY	AREA (Acres)	% OF AREA
TOTAL LAND AREA	25000.0	100.00
TOTAL LAND IN AGRIC. USE	22826.0	91.30
Land under temporary crops	23.0	0.09
Land under tree crops	45.0	0.18
Grassland-Cultivated	67.0	89.38
Grassland-Uncultivated	22346.0	89.38
Forest/Woodland	345.0	1.38
NON-AGRICULTURAL USE	1267.0	5.07

DISTRIBUTION OF FARMS BY TYPE OF TENURE

Country: grenada Year: 1988

TYPE OF TENURE	NUMBER OF FARMS	% OF FARMS	AREA (Acres)	% OF AREA
Owned by individuals	11.0	0.82	20000.0	74.65
Owned by families	34.0	2.52	456.0	1.70
Part owned and part rented	45.0	3.34	1245.0	4.65
Managed for others	12.0	0.89	124.0	0.46
Rented/Leased	34.0	2.52	578.0	2.16
Share Cropped		0.00		0.00
'Landless' Farmers	1200.0	89.02	3500.0	13.06
Other	12.0	0.89	890.0	3.32
TOTAL	1348.0	100.00	26793.0	100.00

DISTRIBUTION OF FARMS BY TYPES OF PRODUCTION

Country: grenada Year: 1980

TYPE OF PRODUCTION	NUMBER OF FARMS	% OF FARMS
Banana	13.0	26.00
Tomato	12.0	24.00
Orange	11.0	22.00
Lettuce	14.0	28.00
TOTAL	50.0	100.00

DISTRIBUTION OF FARMERS BY AGE

Country: grenada Year: 1985

AGE GROUP	NUMBER OF FARMERS	%
< 20	100.0	7.97
21 - 30	200.0	15.95
31 - 45	500.0	39.87
46 - 60	300.0	23.92
> 60	154.0	12.28
TOTAL	1254.0	100.00

DISTRIBUTION OF FARMERS BY SEX

Country: Barbados

YEAR	MALE NUMBER	MALE %	FEMALE NUMBER	FEMALE %	TOTAL
1980	23.0	33.82	45.0	66.18	68.0
1990	12.0	21.05	45.0	78.95	57.0

PRODUCTION, EXPORTS, IMPORTS, PRICES AD ESTIMATED CONSUMPTION OF FOOD CROPS

Country: grenada

YEARS AND CROPS	PRODUCTION (Tons.)	TOTAL AREA (Acres)	YIELD (Tons/Acre)	EXPORTS Volume (Tons.)	EXPORTS Value (US$000)	IMPORTS Volume (Tons.)	IMPORTS Value (US$000)	PRICES (EC$/Ton) Wholesale	PRICES (EC$/Ton) Consumer	PRICES (EC$/Ton) Farmgate	ANNUAL APPARENT CONSUMPTION (Tons.)	APPARENT DAILY INTAKE (Kg.Person/Day)
1980												
Banana	140.00			0.00	0.00	0.00	0.00	33.00	23.00	13.00	140.0	
Tomato	12.00			0.00	0.00	0.00	0.00	12.00	12.00	12.00	12.0	
Orange	11.00	11.00	1.00	0.00	0.00	0.00	0.00	11.00	11.00	11.00	11.0	
Lettuce	14.00	14.00	1.00	0.00	0.00	0.00	0.00	14.00	14.00	14.00	14.0	
SUBTOTAL 1980		25.00			0.00		0.00					
1981												
Lemon	12.00	12.00	1.00	4.00	0.40	0.00	0.00	12.00	12.00	12.00	8.0	
Lettuce	11.00	11.00	1.00	0.00	0.00	0.00	0.00	11.00	11.00	11.00	11.0	
SUBTOTAL 1981		23.00			0.40		0.00					
1984												
Lemon				27.00	3.30	0.00	0.00				-27.0	
SUBTOTAL 1984		0.00			3.30		0.00					

EXPORTS OF TRADITIONAL COMMODITIES BY COUNTRY OF DESTINATION

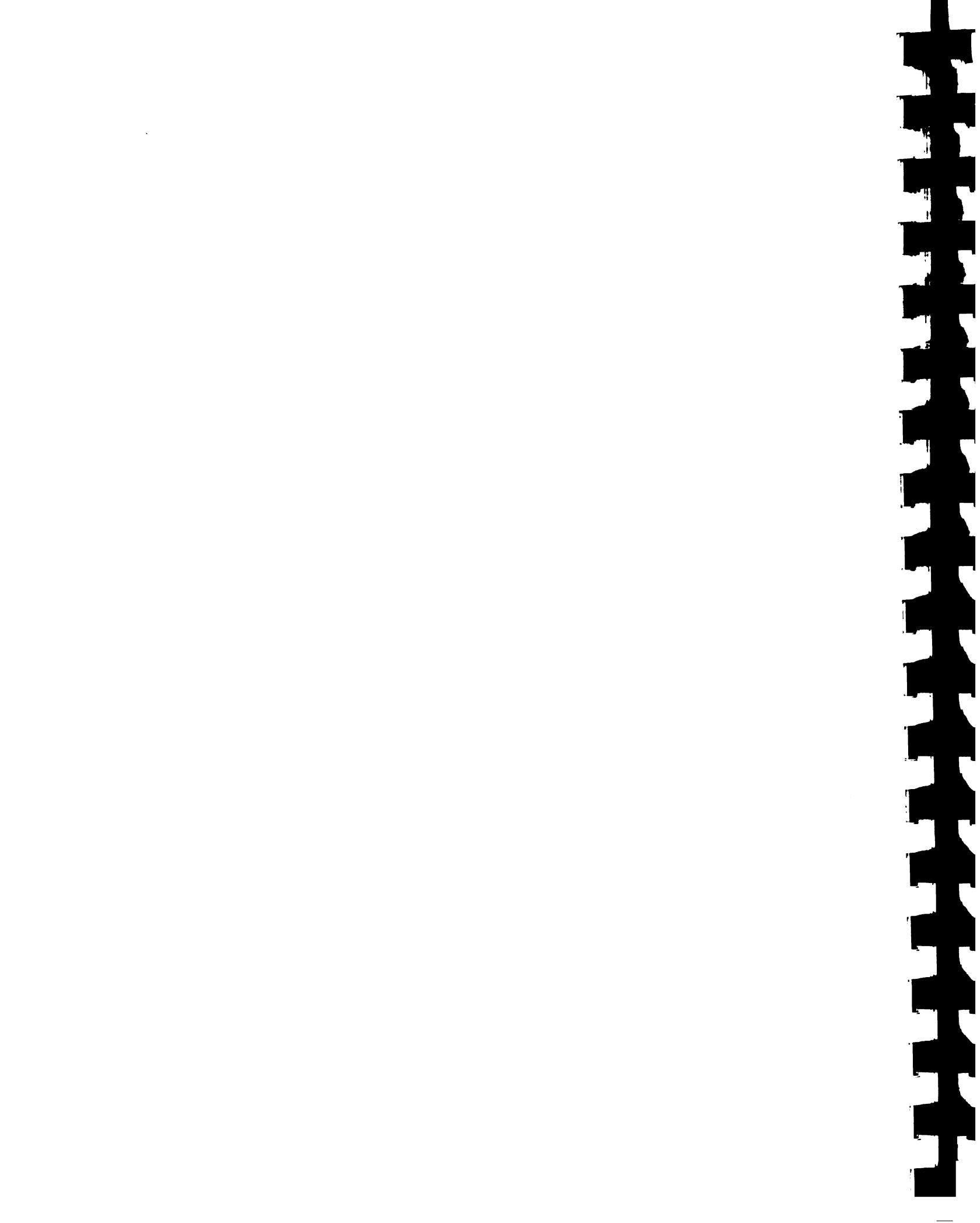
Country: GRENADA

YEAR DESTINATION COUNTRY AND COMMODITIES	VOLUME (Tons.)	VALUE (US$'000)
1981		
UNITED KINGDOM		
Lemon	2.0	0.2
UNITED STATES		
Lemon	2.0	0.2
1984		
UNITED KINGDOM		
Lemon	12.0	1.0
CANADA		
Lemon	2.0	0.1
UNITED STATES		
Lemon	1.0	1.0
OTHERS		
Lemon	12.0	1.2

IMPORTS OF TRADITIONAL COMMODITIES BY COUNTRY OF ORIGIN

Country: BARBADOS

YEAR COUNTRY OF ORIGIN AND COMMODITIES	VOLUME (Tons.)	VALUE (US$'000)
1980		
UNITED KINGDOM		
Lemon	12.0	34.0
Orange	1.5	0.1
CANADA		
Orange	12.0	1.2
UNITED STATES		
Orange	11.0	1.5
OTHERS		
Orange	23.0	2.4
1981		
UNITED KINGDOM		
Lemon	1.0	23.0
OTHERS		
Lemon	0.3	12.0
1983		
OTHERS		
Lemon	12.0	1.0



SEASONALITY OF SOME COMMODITIES

Country: SAINT LUCIA

COMMODITIES	SEASON	PEAK MONTH
Lemon	(1.) May - Jun	Jun
	(2.) May - Jun	Jun
Orange	(1.) May - Jun	Jun

PRODUCTION OF MILK AND RELATED
(Tons)

Country: Barbados

YEAR	MILK				CHEESE	YOGOURT	ICE CREAM	OTHER
	Fresh	Evaporated	Condensed	Skimmed				
1980	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
1981	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1982		1.0	1.0	1.0	1.0	1.0	1.0	1.0
1983		1.0	1.0	1.0	1.0	1.0	1.0	1.0
1984		1.0	1.0	1.0	1.0	1.0	1.0	1.0
1985	12.0		12.0	1.0	1.0	1.0	1.0	1.0
1987	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1989	12.0	3.0	3.0	34.0	23.0	23.0	34.0	3.0
1998		1.0	1.0	1.0	1.0	1.0	1.0	1.0

ANIMAL POPULATION

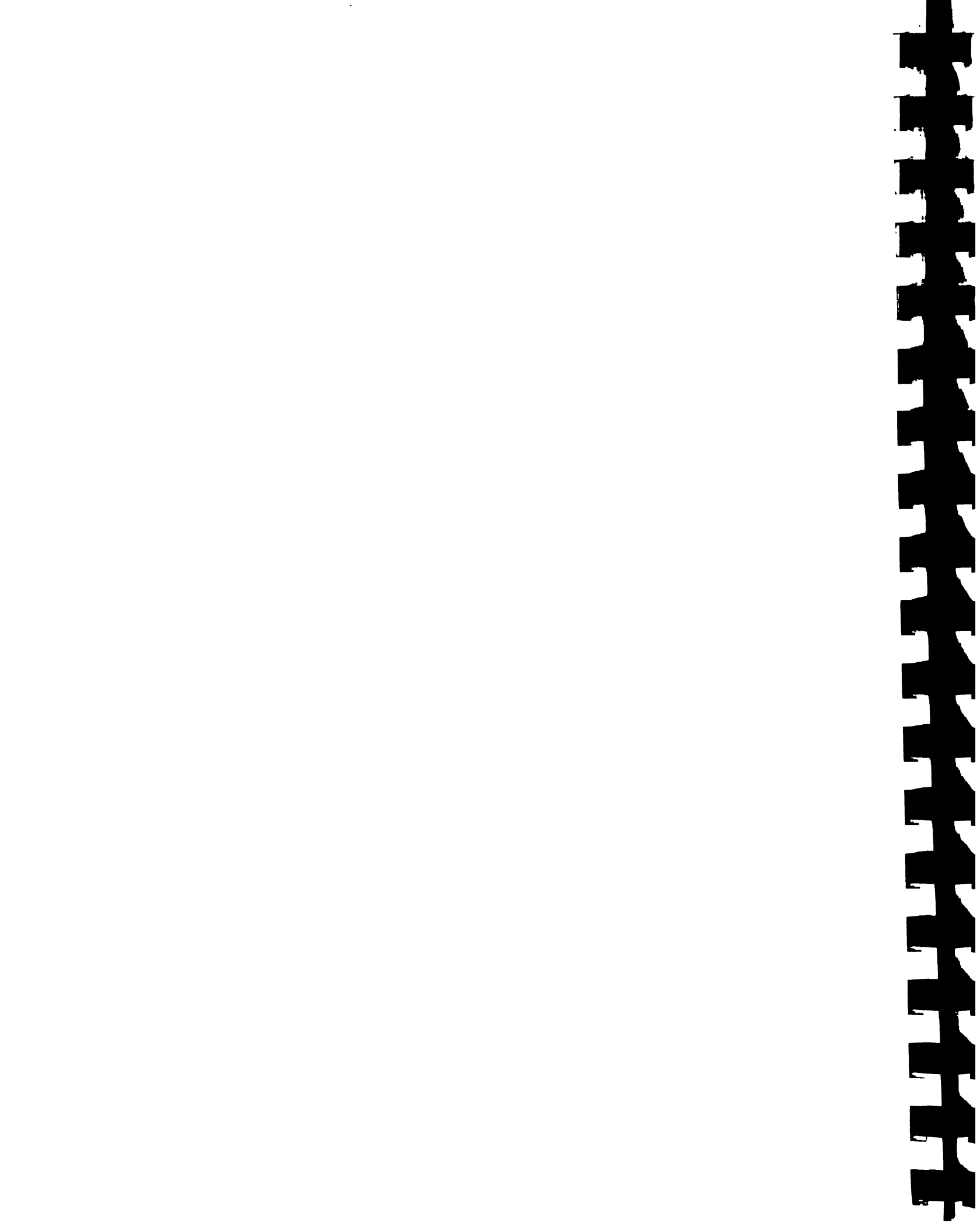
Country: grenada Year: 1985

CATEGORIES	NUMBER OF HEADS
SWINE	4500.0
Sows	1200.0
Boars	300.0
Piglets	3000.0
POULTRY	3800.0
Layers	2800.0
Broilers	1000.0
BEEF CATTLE	2640.0
Breeding Cows	1000.0
Heifers 2-3 years old	100.0
Heifers 1-2 years old	200.0
Calves > 1 year old	300.0
Bulls > 3 years old	120.0
Bulls > 2 years old	300.0
Bulls > 1 year old	500.0
Steers	120.0
DAIRY HERD	123.0
Breeding Cows	123.0
Heifers 2-3 years old	
Heifers 1-2 years old	
Calves > 1 year old	
Bulls > 3 years old	
Bulls > 2 years old	
Bulls > 1 year old	
Steers	
SHEEP AND GOATS	3500.0
Sheep	1200.0
Goat	2300.0

ANIMALS SLAUGHTERED
(Number of Heads)

Country: Barbados

YEAR	CATTLE	SHEEP & GOATS	PIGS	POULTRY	OTHERS
1985					



ANNUAL LIVESTOCK NUMBERS
(Number of Heads)

Country: Barbados

YEAR	CATTLE	SHEEP/GOATS	SWINE	POULTRY	OTHERS
1980					
1982	0.0	0.0	0.0	0.0	0.0
1987	1.0	2.0	3.0	4.0	3.0

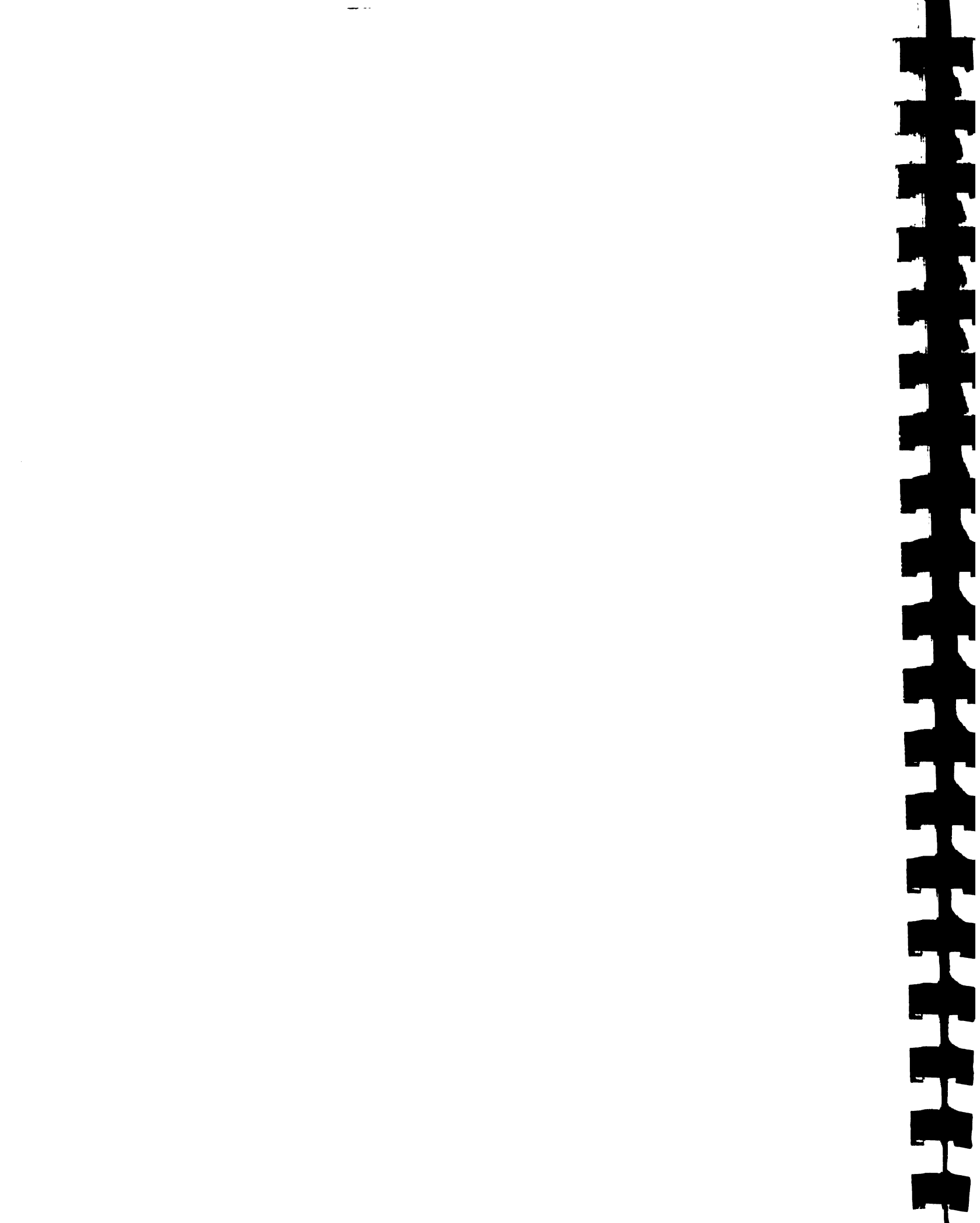
Annex 3

TABLES AND COLUMNS

Names, Characteristics and Content

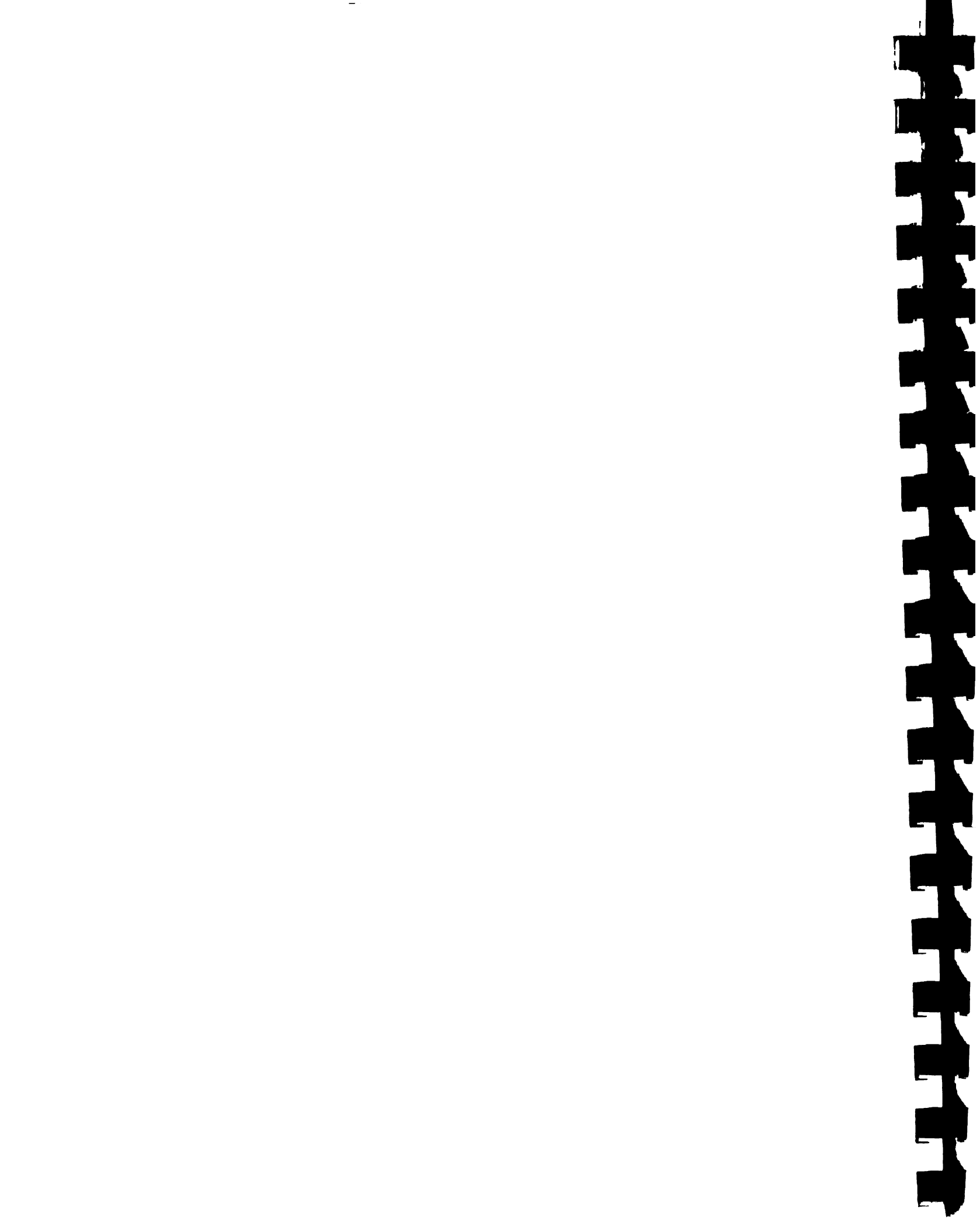
LIST OF TABLES AND COLUMNS

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
TCOUNTRY	NAME AND CODE OF COUNTRIES OF THIS DATABASE					
	1	CCOUNTRY	TEXT	1	yes	Country Code
	2	NCOUNTRY	TEXT	15	yes	Name of Country
	3	money	TEXT	8		Currency of country - short form
	4	money_t	TEXT	12		currency of country (Thousand form)
	5	money_m	TEXT	10		Currency of Country (Million form)
TPRODUCT	NAME AND CODE OF PRODUCTS INVOLVED IN THIS DATABASE					
	1	NPRODUCT	TEXT	15	yes	Name of Product
	2	CPRODUCT	TEXT	2	yes	Product Code
COMERCE	NAME AND CODE OF COUNTRIES INVOLVED IN EXTERNAL TRADE					
	1	ccomerce	TEXT	2	yes	country code
	2	ncountry	TEXT	15	yes	Name of this country involved in external commerce
TABLA_1	POPULATION, EMPLOYMENT, MONEY SUPPLY, CONSUMER PRICE INDEX					
	1	ccountry	TEXT	1	yes	Country code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year Code (= ccountry + year ; exp.form)
	4	popultot	REAL			Total Population
	5	populurb	REAL			Percent Urban Population (exp. form)
	6	populcap	REAL			Percent Population in Capital
	7	populmal	REAL			Percent Population Male
	8	populfem	REAL			Percent Population Female (= 100 - poppulmal ; exp.form)
	9	popullit	REAL			Percent Population Literate
	10	popuage1	REAL			Number of People: 0 - 15 years old
	11	popuage2	REAL			Number of People: 16 - 20 years old
	12	popuage3	REAL			Number of People: 26 - 30 years old
	13	popuage4	REAL			Number of People: 36 - 40 years old
	14	popuage5	REAL			Number of People: 46 - 50 years old
	15	popuage6	REAL			Number of People: 56 - 60 years old
	16	popuage7	REAL			Number of People: Over 60 years old
	17	popuage	REAL			Total number of People by Age (= popuage1 + popuage2 ..... + popuage7 ; exp.fo
	18	unemmal1	REAL			Male unemployment rate, Age group: 15 - 24
	19	unemfem1	REAL			Female unemployment rate, Age group: 15 - 24
	20	unemtot1	REAL			Total unemployment rate, Age group: 15 - 24
	21	unemmal2	REAL			Male unemployment rate, Age group: 25 - 34
	22	unemfem2	REAL			Female unemployment rate, Age group: 25 - 34
	23	unemtot2	REAL			Total unemployment rate, Age group: 25 - 34
	24	unemmal3	REAL			Male unemployment rate, Age group: 35 - 44
	25	unemfem3	REAL			Female unemployment rate, Age group: 35 - 44
	26	unemtot3	REAL			Total unemployment rate, Age group: 35 - 44
	27	unemmal4	REAL			Male unemployment rate, Age group: 45 - 55



TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	28	uneafem4	REAL			Female unemployment rate, Age group: 45 - 55
	29	uneatot4	REAL			Total unemployment rate, Age group: 45 - 55
	30	uneamal5	REAL			Male unemployment rate, Age group: 55 - 65
	31	uneafem5	REAL			Female unemployment rate, Age group: 55 - 65
	32	uneatot5	REAL			Total unemployment rate, Age group: 55 - 65
	33	uneamal6	REAL			Male unemployment rate, Age group: Over 65
	34	uneafem6	REAL			Female unemployment rate, Age group: Over 65
	35	uneatot6	REAL			Total unemployment rate, Age group: Over 65
	36	uneamal	REAL			Total Male unemployment rate (= uneamal1 + uneamal2 + ... uneamal6 ; exp.fo
	37	uneafem	REAL			Total Female unemployment rate (= uneafem1 + uneafem2 + ... uneafem6 ; exp.f
	38	uneatot	REAL			Total unemployment rate (= uneatot1 + uneatot2 + ... uneatot6 ; exp.form)
	39	empltot	REAL			Total People Employed
	40	salartot	REAL			Total Salaries Paid
	41	moneytot	REAL			Total Money Supply
	42	moneycha	REAL			Total Money Supply percent change over previous year
	43	priceind	REAL			Annual Consumer Price Index
	44	pricecha	REAL			Annual Percent of Inflation
TABLA_2	COMPOSITION OF GDP BY SECTOR					
	1	ccountry	TEXT	1	yes	Country Code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year Code (= ccountry + year ; exp.form)
	4	TOTcur	REAL			Total Current Prices (exp.form)
	5	TOTcon	REAL			Total Constant Prices
	6	cropcur	REAL			Crops in GDP current prices
	7	livcur	REAL			Livestock in GDP current prices
	8	Fiscur	REAL			Fishing in GDP current prices
	9	forcur	REAL			Forestry in GDP current prices
	10	m&qcur	REAL			Mining & Quarrying in GDP current prices
	11	e&wcur	REAL			Electricity & Water in GDP current prices
	12	mancur	REAL			Manufacturing in GDP current prices
	13	concur	REAL			Construction in GDP current prices
	14	w&rcur	REAL			Wholesale & Retail Trade in GDP current prices
	15	h&rcur	REAL			Hotel & Restaurants in GDP current prices
	16	t&ccur	REAL			Transport & Communication in GDP current prices
	17	b&icur	REAL			Banking & Insurance in GDP current prices
	18	r&hcur	REAL			Real Estate & Housing in GDP current prices
	19	Govcur	REAL			Government Services in GDP current prices
	20	othcur	REAL			Other Services in GDP current prices
TABLA2_1	LOANS AND ADVANCES BY SECTOR, EXTERNAL PUBLIC DEBT, PUBLIC SECTOR OPERATIONS					
	1	ccountry	TEXT	1	yes	Country code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year code (= ccountry + year ; exp.form)
	4	agrila	REAL			Loans and Advances: Agriculture
	5	fisla	REAL			Loans and Advances: Fisheries

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	6	manla	REAL			Loans and Advances: Manufacturing
	7	disla	REAL			Loans and Advances: Distribution
	8	toula	REAL			Loans and Advances: Tourism
	9	e&cla	REAL			Loans and Advances: Entertainment & Catering
	10	trala	REAL			Loans and Advances: Transport
	11	conla	REAL			Loans and Advances: Construction
	12	g&sla	REAL			Loans and Advances: Government & Statutary Bodies
	13	perla	REAL			Loans and Advances: Personal
	14	othla	REAL			Loans and Advances: Other
	15	TOTla	REAL			Loans and Advances Total (exp.form)
	16	exchrate	REAL			External Public Debt: Exchange national currency rate for US$ 1
	17	TOTdeb	REAL			External Public Debt: Total Outstanding Debt at End of Period
	18	TSPdeb	REAL			External Public Debt: Total Debt Service Payments (exp.form)
	19	amodeb	REAL			External Public Debt: Amortization Debt Payments
	20	intdeb	REAL			External Public Debt: Interest Debt Payments
	21	ovedeb	REAL			External Public Debt: Overdue Obligations Debt Payments
	22	revcon	REAL			Oper.Public Sector-Cons.Pub.Sector-Current Revenue
	23	owcon	REAL			Oper.Public Sector-Cons.Pub.Sector-O.w Budgetary Grants
	24	expcon	REAL			Oper.Public Sector-Cons.Pub.Sector-Current Expenditure
	25	accbcon	REAL			Oper.Public Sector-Cons.Pub.Sector-Current Account Balance (FLtab21: accbcon -
	26	capcon	REAL			Oper.Public Sector-Cons.Pub.Sector-Capital Expenditure
	27	ovecon	REAL			Oper.Public Sector-Cons.Pub.Sector-Overall Surplus Deficit (exp.form)
	28	TOTfin	REAL			Oper.Public Sector-Cons.Pub.Sector-Financing (exp.form)
	29	extgcon	REAL			Oper.Public Sector-Cons.Pub.Sector-External Grants
	30	extncon	REAL			Oper.Public Sector-Cons.Pub.Sector-External (net)
	31	domcon	REAL			Oper.Public Sector-Cons.Pub.Sector-Domestic (net)
	32	othcon	REAL			Oper.Public Sector-Cons.Pub.Sector-Others (net)
	33	revcen	REAL			Oper.Public Sector-Central Gov.-Current Revenue
	34	owcen	REAL			Oper.Public Sector-Central Gov.-O.w Budgetary Grants
	35	expcen	REAL			Oper.Public Sector-Central Gov.-Current Expenditure
	36	accbcen	REAL			Oper.Public Sector-Central Gov.-Current Account Balance (exp.form)
	37	capcen	REAL			Oper.Public Sector-Central Gov.-Capital Expenditure & Net Lending (exp.form)
	38	owfcen	REAL			Oper.Public Sector-Central Gov.-O.w: Fixed Capital Formation
	39	tracen	REAL			Oper.Public Sector-Central Gov.-Transfers Rest Public Sector
	40	ovecen	REAL			Oper.Public Sector-Central Gov.-Overall Surplus/Deficit
	41	TOTfince	REAL			Oper.Public Sector-Central Gov.-Financing (exp.form)
	42	extgcen	REAL			Oper.Public Sector-Central Gov.-External Grants
	43	extncen	REAL			Oper.Public Sector-Central Gov.-External (net)
	44	domcen	REAL			Oper.Public Sector-Central Gov.-Domestic (net)
	45	othcen	REAL			Oper.Public Sector-Central Gov.-Others (net)
TABLA_4	IMPORTS AND EXPORTS BY GDP SECTORS					
	1	ccountry	TEXT	1	yes	Country code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year code (= ccountry + year ; exp.form)
	4	fooin	REAL			Imports: Food & Live Animals
	5	fooex	REAL			Exports: Food & live Animals
	6	bevin	REAL			Imports: Beverages & Tobacco



TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	7	bevex	REAL			Exports: Beverages & Tobacco
	8	cruin	REAL			Imports: Crude Materials inedible, except fuels
	9	cruex	REAL			Exports: rude Materials inedible, except fuels
	10	minin	REAL			Imports: Mineral fuels, lubricants & Related materials
	11	minex	REAL			Exports: mineral fuels, lubricants & Related materials
	12	aniin	REAL			Imports: Animal & Vegetables oils & Fats
	13	aniex	REAL			Exports: Animal & Vegetables oils & Fats
	14	chein	REAL			Imports: Chemicals
	15	cheex	REAL			Exports: Chemicals
	16	manin	REAL			Imports: Manufactured Goods classified by materials
	17	manex	REAL			Exports: Manufactured Goods calssified by materials
	18	macin	REAL			Imports: Machinary & Transport Equipment
	19	macex	REAL			Exports: Machinary & Transport Equipment
	20	misin	REAL			Imports: Miscellaneous manufactured Articles
	21	misex	REAL			Exports: Miscellaneous manufactured Articles
	22	comin	REAL			Imports: Imports: Commodities & Transactions not
	23	comex	REAL			Exports: Commodities & Transaction not classified
	24	TOTin	REAL			Total Imports (exp.form)
	25	TOTex	REAL			Total Exports (exp.form)
TABLA401	EXPORTS BY SECTOR AND COUNTRY OF DESTINATION - (ROOT)					
	1	ccountry	TEXT	1	yes	Exports Country code
	2	year	TEXT	2	yes	Year
	3	cod_401	TEXT	3	yes	Country-Year Code (exp.form)
TABLA_41	EXPORTS BY SECTOR AND COUNTRY OF DESTINATION - (DATA)					
	1	cod_401	TEXT	3	yes	Exports by Sector, Country code (exp.form)
	2	crubro	TEXT	1	yes	Sector code
	3	ncountry	TEXT	15		Name of Country of Destination
	4	ccomerce	TEXT	2		Destination Country code
	5	cod_T41	TEXT	6	yes	Country-Product-Destination Country Code (exp.form)
	6	TradeUS$	REAL			Value of Exports
TABLA402	IMPORTS BY SECTOR AND COUNTRY OF ORIGIN - (ROOT)					
	1	ccountry	TEXT	1	yes	Imports Country Code
	2	year	TEXT	2	yes	Year
	3	cod_402	TEXT	3	yes	Country-Year Code (exp.form)
TABLA_42	IMPORTS BY SECTOR AND COUNTRY OF ORIGIN - (DATA)					
	1	cod_402	TEXT	3	yes	Imports by Sector, Country Code (exp.form)
	2	crubro	TEXT	1	yes	Sector code
	3	ncountry	TEXT	15		Name of Country of Origin

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	4	ccomerce	TEXT	2	yes	Origin Country code
	5	cod_t42	TEXT	6		Country-Product-Origin Country Code (exp.form)
	6	TradeUS$	REAL			Value of Imports
TABLA_6	DISTRIBUTION OF FARMER BY GENDER AND AGE					
	1	ccountry	TEXT	1	yes	Country Code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year Code (exp.form)
	4	male	REAL			Number of Farmers: Male
	5	female	REAL			Number of Farmers: Female
	6	TOTfar	REAL			Total Number of Farmers
	7	F<20	REAL			Number of Farmers: < 20 years old
	8	F20-30	REAL			Number of Farmers: 20 - 30 years old
	9	F31-45	REAL			Number of Farmers: 31 - 45 years old
	10	F46-60	REAL			Number of Farmers: 46 - 60 years old
	11	F>60	REAL			Number of Farmers: Over 60 years old
	12	fallal	INTEGER			Flag for errors: (exp.form)
TABLA_7	LAND APTITUDES, SLOPE OF LAND AND ENVIRONMENTAL FACTORS					
	1	ccountry	TEXT	1	yes	Country code
	2	TLAlan	REAL			Land Aptitude: Total Land Area
	3	cullan	REAL			Land Aptitude: Total Cultivable Land (exp.form)
	4	w/olan	REAL			Land Aptitude: Cultivable w/o limitations
	5	modlan	REAL			Land Aptitude: Cultivable with Moderate limitations
	6	strlan	REAL			Land Aptitude: Cultivable with Strong limitations
	7	paslan	REAL			Land Aptitude: Pasture/tree crops
	8	perlan2	REAL			Land Aptitude: Permanent tree crops
	9	natlan	REAL			Land Aptitude: Natural Forest
	10	nonlan	REAL			Land Aptitude: Non-agricultural
	11	S0-5	REAL			Slope of Land: 0 - 5
	12	S6-10	REAL			Slope of Land: 6 - 10
	13	S11-20	REAL			Slope of Land: 11 - 20
	14	S21-30	REAL			Slope of Land: 21 - 30
	15	S>30	REAL			Slope of Land: Over 30
	16	higalt	REAL			Environment Factor: Altitude highest point
	17	lowalt	REAL			Environment Factor: Altitude lowest point
	18	higtem	REAL			Environment Factor: Temperature high average
	19	lowtem	REAL			Environment Factor: Temperature low average
	20	meatem	REAL			Environment Factor: Temperature mean annual
	21	higrel	REAL			Environment Factor: Relative humidity high average
	22	lowrel	REAL			Environment Factor: Relative humidity low average
	23	mearel	REAL			Environment Factor: Relative humidity mean annual
	24	higrai	REAL			Environment Factor: Rain fall high average
	25	lowrai	REAL			Environment Factor: Rain fall low average
	26	mearai	REAL			Environment Factor: Rain fall mean annual
	27	wetrai	TEXT	3		Environment Factor: Rain fall wettest month

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	28	dryrai	TEXT	3		Environment Factor: Rain fall driest month
	29	falla1	INTEGER			Flag for errors: (exp.form)
	30	falla0	INTEGER			Flag for errors: (exp.form)
TABLA_8	LAND USE, NUMBER, SIZE AND AVERAGES OF PARCELS PER HOLDING					
	1	ccountry	TEXT	1	yes	Country code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year Code (exp.form)
	4	TAGuse	REAL			Land use: Total Land by Agricultural use (exp.form)
	5	Ltemuse	REAL			Land use: Total Land under Temporary Crops
	6	Ltreuse	REAL			Land use: Land under Tree Crops
	7	Lculuse	REAL			Land use: Grassland-Cultivated
	8	Luncuse	REAL			Land use: Grassland-Uncultivated
	9	Lforuse	REAL			Land use: Forest/Woodland
	10	Lnonuse	REAL			Land use: Non-agricultural use
	11	S<.5A	REAL			Number of Parcels per Holding: Holding < 0.5
	12	S<.5B	REAL			Number of Parcels per Holding: Area occupied < 0.5
	13	S<.5C	REAL			Number of Parcels per Holding: Average number of parcels < 0.5
	14	S<.5D	REAL			Number of Parcels per Holding: Average size of Parcels < 0.5
	15	S.5-1A	REAL			Number of Parcels per Holding: Holding 0.5 - 1.0
	16	S.5-1B	REAL			Number of Parcels per Holding: Area occupied 0.5 - 1.0
	17	S.5-1C	REAL			Number of Parcels per Holding: Average number of parcels 0.5 - 1.0
	18	S.5-1D	REAL			Number of Parcels per Holding: Average size of Parcels 0.5 - 1.0
	19	S1-2A	REAL			Number of Parcels per Holding: Holding 1.0 - 2.0
	20	S1-2B	REAL			Number of Parcels per Holding: Area occupied 1.0 - 2.0
	21	S1-2C	REAL			Number of Parcels per Holding: Average number of parcels 1.0 - 2.0
	22	S1-2D	REAL			Number of Parcels per Holding: Average size of Parcels 1.0 - 2.0
	23	S2-5A	REAL			Number of Parcels per Holding: Holding 2.0 - 5.0
	24	S2-5B	REAL			Number of Parcels per Holding: Area occupied 2.0 - 5.0
	25	S2-5C	REAL			Number of Parcels per Holding: Average number of parcels 2.0 - 5.0
	26	S2-5D	REAL			Number of Parcels per Holding: Average size of Parcels 2.0 - 5.0
	27	S5-10A	REAL			Number of Parcels per Holding: Holding 5.0 - 10.0
	28	S5-10B	REAL			Number of Parcels per Holding: Area occupied 5.0 - 10.0
	29	S5-10C	REAL			Number of Parcels per Holding: Average number of parcels 5.0 - 10.0
	30	S5-10D	REAL			Number of Parcels per Holding: Average size of Parcels 5.0 - 10.0
	31	S10-20A	REAL			Number of Parcels per Holding: Holding 10.0 - 20.0
	32	S10-20B	REAL			Number of Parcels per Holding: Area occupied 10.0 - 20.0
	33	S10-20C	REAL			Number of Parcels per Holding: Average number of parcels 10.0 - 20.0
	34	S10-20D	REAL			Number of Parcels per Holding: Average size of Parcels 10.0 - 20.0
	35	S20-30A	REAL			Number of Parcels per Holding: Holding 20.0 - 30.0
	36	S20-30B	REAL			Number of Parcels per Holding: Area occupied 20.0 - 30.0
	37	S20-30C	REAL			Number of Parcels per Holding: Average number of parcels 20.0 - 30.0
	38	S20-30D	REAL			Number of Parcels per Holding: Average size of Parcels 20.0 - 30.0
	39	S>30A	REAL			Number of Parcels per Holding: Holding over 30.0
	40	S>30B	REAL			Number of Parcels per Holding: Area occupied over 30.0
	41	S>30C	REAL			Number of Parcels per Holding: Average number of parcels over 30.0
	42	S>30D	REAL			Number of Parcels per Holding: Average size of Parcels over 30.0
	43	TOTA	REAL			Total Number of Parcels per Holding: Holding

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	44	TOTB	REAL			Total Number of Parcels per Holding: Area occupied
	45	TOTC	REAL			Total Number of Parcels per Holding: Average number of parcels
	46	TOTD	REAL			Total Number of Parcels per Holding: Average size of Parcels
	47	AVEfarm	REAL			Total Number of Parcels per Holding: Size average per holding
	48	falla1	INTEGER			Flag for errors: (exp.form)
TABLA_9	DISTRIBUTION OF FARMS BY TYPE OF TENURE					
	1	ccountry	TEXT	1	yes	Country code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year Code (exp.form)
	4	indten1	REAL			Owned by Individuals: Number
	5	indten2	REAL			Owned by Individuals: Acreage
	6	famten1	REAL			Owned by Families: Number
	7	famten2	REAL			Owned by Families: Acreage
	8	parten1	REAL			Part owned and Part rented: Number
	9	parten2	REAL			Part owned and Part rented: Acreage
	10	manten1	REAL			Managed for Others: Number
	11	manten2	REAL			Managed for Others: Acreage
	12	renten1	REAL			Rented/Leased: Number
	13	renten2	REAL			Rented/Leased: Acreage
	14	shaten1	REAL			Share Cropped: Numbers
	15	shaten2	REAL			Share Cropped: Acreage
	16	lanten1	REAL			'Landless' Farmers: Number
	17	lanten2	REAL			'Landless' Farmers: Acreage
	18	othten1	REAL			Others: Number
	19	othten2	REAL			Others: Acreage
	20	TOTten1	REAL			Total: Number (exp.form)
	21	TOTten2	REAL			Total: Acreage (exp.form)
	22	falla1	INTEGER			Flag for errors: (exp.form)
TABLA100	SEASONALITY OF SELECTED CROPS - (ROOT)					
	1	ccountry	TEXT	1	yes	Country Code
TABLA_10	SEASONALITY OF SELECTED CROPS - (DATA)					
	1	ccountry	TEXT	1	yes	Country Code
	2	cproduct	TEXT	2	yes	Product Code
	3	numcos	TEXT	1	yes	Number of Crop or Season
	4	cod_10	TEXT	4	yes	Country-Product-Season code (exp.form)
	5	nproduct	TEXT	15		Name of Product
	6	desde	TEXT	10		Range of Season: first month
	7	hasta	TEXT	10		Range of Season: last month
	8	peak	TEXT	10		Peak month of Season
	9	falla10	INTEGER			Flag for errors: (exp.form)

LIST OF TABLES AND COLUMNS

TABLES	COLUMNS				
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
TABLA9_1	AGRICULTURAL CREDIT				
	1	ccountry	TEXT	1		Country Code
	2	year	TEXT	2		Year
	3	cod_c_y	TEXT	3		Country-Tear Code (exp.forn)
	4	foonum1	REAL			Number of Credit Approved for Food Crops
	5	foonum2	REAL			Number of Credit Disbursed for Food Crops
	6	foovol1	REAL			Value of Credit Approved for Food Crops
	7	foovol2	REAL			Value of Credit Disbursed for Food Crops
	8	expnum1	REAL			Number of Credit Approved for Export Crops
	9	expnum2	REAL			Number of Credit Disbursed for Export Crops
	10	expvol1	REAL			Value of Credit Approved for Export Crops
	11	expvol2	REAL			Value of Credit Disbursed for Export Crops
	12	vegnum1	REAL			Number of Credit Approved for Vegetables
	13	vegnum2	REAL			Number of Credit Disbursed for Vegetables
	14	vegvol1	REAL			Value of Credit Approved for Vegetables
	15	vegvol2	REAL			Value of Credit Disbursed for Vegetables
	16	Tlivnum1	REAL			Number of Credit Approved for Livestock (exp.forn)
	17	Tlivnum2	REAL			Number of Credit Disbursed for Livestock (exp.forn)
	18	Tlivvol1	REAL			Value of Credit Approved for Livestock (exp.forn)
	19	Tlivvol2	REAL			Value of Credit Disbursed for Livestock (exp.forn)
	20	shenum1	REAL			Number of Credit Approved for Sheeps
	21	shenum2	REAL			Number of Credit Disbursed for Sheeps
	22	shevol1	REAL			Value of Credit Approved for Sheeps
	23	shevol2	REAL			Value of Credit Disbursed for Sheeps
	24	goanum1	REAL			Number of Credit Approved for Goats
	25	goanum2	REAL			Number of Credit Disbursed for Goats
	26	goavol1	REAL			Value of Credit Approved for Goats
	27	goavol2	REAL			Value of Credit Disbursed for Goats
	28	catnum1	REAL			Number of Credit Approved for Cattles
	29	catnum2	REAL			Number of Credit Disbursed for Cattles
	30	catvol1	REAL			Value of Credit Approved for Cattles
	31	catvol2	REAL			Value of Credit Disbursed for Cattles
	32	chinum1	REAL			Number of Credit Approved for Chicken
	33	chinum2	REAL			Number of Credit Disbursed for Chicken
	34	chivol1	REAL			Value of Credit Approved for Chicken
	35	chivol2	REAL			Value of Credit Disbursed for Chicken
	36	pignum1	REAL			Number of Credit Approved for Pigs
	37	pignum2	REAL			Number of Credit Disbursed for Pigs
	38	pigvol1	REAL			Value of Credit Approved for Pigs
	39	pigvol2	REAL			Value of Credit Disbursed for Pigs
	40	TOTnum1	REAL			Total Number of Credit Approved
	41	TOTnum2	REAL			Total Number of Credit Disbursed
	42	TOTvol1	REAL			Total Value of Credit Approved
	43	TOTvol2	REAL			Total Value of Credit Disbursed

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
TABLA_5	FOODS IMPORTS, AND VOLUME AND VALUE OF EXPORTS OF AGRICULTURAL PRODUCE					
	1	ccountry	TEXT	1	yes	Country code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year Code (exp.form)
	4	TFfoo	REAL			Total Food Imports (FLtab5: see expression)
	5	meafoo	REAL			Food imports: Meat and Meat Production
	6	eggfoo	REAL			Food imports: Eggs and Diary
	7	fisfoo	REAL			Food imports: Fish and Crust.
	8	cerfoo	REAL			Food imports: Cereals and Preparations
	9	vegfoo	REAL			Food imports: Vegetables
	10	frufoo	REAL			Food imports: Fruits
	11	sugfoo	REAL			Food imports: Sugar
	12	coffoo	REAL			Food imports: Coffee, Cocoa, Species
	13	feefoo	REAL			Food imports: Feed Stuff for Animals
	14	edifoo	REAL			Food imports: Edible oils
	15	othfoo	REAL			Food imports: Other Foods
	16	fruvol1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Fruits Volume
	17	fruval1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Fruits Value
	18	vegvol1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Vegetables Volume
	19	vegval1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Vegetables Value
	20	roovol1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Root-crops Volume
	21	rooval1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Root-crops Value
	22	ornvol1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Ornamentals Volume
	23	ornval1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Ornamentals Value
	24	othvol1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Others Volume
	25	othval1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Others Value
	26	TOTvol1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Total Volume (exp.form)
	27	TOTval1	REAL			Vol.Val.Exp.Agr.Prod.: ExtraRegional: Total Value (exp.form)
	28	fruvol2	REAL			Regional Agricultural Produce: Fruits Volume
	29	fruval2	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Fruits Value
	30	vegvol2	REAL			Regional Agricultural Produce: Vegetables Volume
	31	vegval2	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Vegetables Value
	32	roovol2	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Root-crops Volume
	33	rooval2	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Root-crops Value
	34	ornvol2	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Ornamentals Volume
	35	ornval2	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Ornamentals Value
	36	othvol2	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Others Volume
	37	othval2	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Others Value
	38	TOTvol2	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Total Volume (exp.form)
	39	TOTval2	REAL			Total Value of Regional Agricultural Produce (FLtab5: see expression)
	40	TOTvol	REAL			Vol.Val.Exp.Agr.Prod.: Regional: Total Volume (exp.form)
	41	TOTval	REAL			Vol.Val.Exp.Agr.Prod.: Total Value of Exports Agricultural Produce (exp.form)
	42	fallal	INTEGER			Flag for errors (exp.form)
TABLA_3	TYPE OF PRODUCTION, NUMBER OF FARMS, AREA, TOTAL PRODUCTION AND PRICES					
	1	ccountry	TEXT	1	yes	Country code
	2	year	TEXT	2	yes	Year

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	3	cod_c_y	TEXT	3	yes	Country-Year Code (exp.form)
	4	cproduct	TEXT	2	yes	Type of Production code
	5	cod_T3	TEXT	5	yes	Country-Year-Cproduct Code (exp.form)
	6	numfar	REAL			Number of farms
	7	TOTprod	REAL			Total Production
	8	TOTarea	REAL			Total Area
	9	ALOarea	REAL			Stand Alone Area
	12	PRIagri	REAL			Price Paid for this Product: Farmer
	13	PRIcon	REAL			Price Paid for this Product: Consumer
	14	PRImay	REAL			Price Paid for this Product: Wholesale
TABLA15	AGRICULTURAL EXPORTS BY TYPE OF PRODUCTION AND COUNTRY OF DESTINATION - (ROOT)					
	1	ccountry	TEXT	1	yes	Exports Country Code
	2	year	TEXT	2	yes	Year
	3	cproduct	TEXT	2	yes	Type of Production code
	4	cod_15	TEXT	5	yes	Country-Year-Product Code (exp.form)
TABLA151	AGRICULTURAL EXPORTS BY TYPE OF PRODUCTION AND COUNTRY OF DESTINATION - (DATA)					
	1	cod_15	TEXT	5	yes	Exports Country-Year-Product Code (exp.form)
	2	ccomerce	TEXT	2	yes	Destination Country Code
	3	cod_151	TEXT	7	yes	Exports Country-Year-Product-Destination Country Code (exp.form)
	3	cod_151	TEXT	7	yes	Exports Country-Year-Destination Country-Product Code (exp.form)
	4	ncountry	TEXT	15		Destination country name
	5	vol_31	REAL			Volume of Exports
	6	val_31	REAL			Value of Exports
	7	falla151	INTEGER			Flag for errors: (exp.form)
TABLA16	AGRICULTURAL IMPORTS BY TYPE OF PRODUCTION AND COUNTRY OF DESTINATION - (ROOT)					
	1	ccountry	TEXT	1	yes	Imports Country Code
	2	year	TEXT	2	yes	Year
	3	cproduct	TEXT	2	yes	Type of Production code
	4	cod_16	TEXT	5	yes	Country-Year-Product Code (exp.form)
TABLA161	AGRICULTURAL IMPORTS BY TYPE OF PRODUCTION AND COUNTRY OF ORIGIN - (DATA)					
	1	cod_16	TEXT	5	yes	Imports Country-Year-Product Code (exp.form)
	2	ccomerce	TEXT	2	yes	Origin Country Code
	3	cod_161	TEXT	7	yes	Country-Year-Product-Origin Country Code (exp.form)
	4	cod_161a	TEXT	7	yes	Imports Country-Year-Origin Country-Product Code (exp.form)
	5	ncountry	TEXT	15		Origin Country name
	6	vol_32	REAL			Volume of Imports
	7	val_32	REAL			Value of Imports
	8	falla161	INTEGER			Flag for errors: (exp.form)

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
TABLA_11	ANIMAL POPULATION, DISTRIBUTION OF LIVESTOCK BY NUMBER OF HEADS					
	1	ccountry	TEXT	1	yes	Country Code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year Code (exp.forms)
	4	swi1	REAL			Animal Population-SWINE: Sows
	5	swi2	REAL			Animal Population-SWINE: Boars
	6	swi3	REAL			Animal Population-SWINE: Piglets
	7	Tswi	REAL			Animal Population-SWINE: Total (exp.form)
	8	pou1	REAL			Animal Population-Poultry: Layers
	9	pou2	REAL			Animal Population-Poultry: Broilers
	10	Tpou	REAL			Animal Population-Poultry: Poultry (exp.form)
	11	bee1	REAL			Animal Population-BEEF CATTLE: Breeding Cows
	12	bee2	REAL			Animal Population-BEEF CATTLE: Heifers 2 - 3 years old
	13	bee3	REAL			Animal Population-BEEF CATTLE: Heifers 1 - 2 years old
	14	bee4	REAL			Animal Population-BEEF CATTLE: Calves < 1 year old
	15	bee5	REAL			Animal Population-BEEF CATTLE: Bulls > 3 years old
	16	bee6	REAL			Animal Population-BEEF CATTLE: Bulls > 2 years old
	17	bee7	REAL			Animal Population-BEEF CATTLE: Bulls > 1 year old
	18	bee8	REAL			Animal Population-BEEF CATTLE: Steers
	19	Tbee	REAL			Animal Population-BEEF CATTLE: Total (exp.form)
	20	dai1	REAL			Animal Population-DAIRY HERD: Breeding Cows
	21	dai2	REAL			Animal Population-DAIRY HERD: Heifers 2 -3 years old
	22	dai3	REAL			Animal Population-DAIRY HERD: Heifers 1 -2 years old
	23	dai4	REAL			Animal Population-DAIRY HERD: Calves < 1 year old
	24	dai5	REAL			Animal Population-DAIRY HERD: Bulls > 3 years old
	25	dai6	REAL			Animal Population-DAIRY HERD: Bulls > 2 years old
	26	dai7	REAL			Animal Population-DAIRY HERD: Bulls > 1 year old
	27	dai8	REAL			Animal Population-DAIRY HERD: Steers
	28	Tdai	REAL			Animal Population-DAIRY HERD: Total (exp.form)
	29	she1	REAL			Animal Population-SHEEP & GOATS : Sheeps
	30	goa1	REAL			Animal Population-SHEEP & GOATS: Goats
	31	Tshegoa	REAL			Animal Population-SHEEP & GOATS: Total (exp.form)
	32	cat1_4	REAL			Distribution of Livestock by # of Heads: Cattle 1 - 4
	33	she1_4	REAL			Distribution of Livestock by # of Heads: Sheep/Goats 1 - 4
	34	swi1_4	REAL			Distribution of Livestock by # of Heads: Swine 1 - 4
	35	pou1_4	REAL			Distribution of Livestock by # of Heads: Poultry 1 - 4
	36	oth1_4	REAL			Distribution of Livestock by # of Heads: Others 1 - 4
	37	cat5_9	REAL			Distribution of Livestock by # of Heads: Cattle 5 - 9
	38	she5_9	REAL			Distribution of Livestock by # of Heads: Sheep/Goats 5 - 9
	39	swi5_9	REAL			Distribution of Livestock by # of Heads: Swine 5 - 9
	40	pou5_9	REAL			Distribution of Livestock by # of Heads: Poultry 5 - 9
	41	oth5_9	REAL			Distribution of Livestock by # of Heads: Others 5 - 9
	42	cat10_14	REAL			Distribution of Livestock by # of Heads: Cattle 10 - 14
	43	she10_14	REAL			Distribution of Livestock by # of Heads: Sheep/Goats 10 - 14
	44	swi10_14	REAL			Distribution of Livestock by # of Heads: Swine 10 - 14
	45	pou10_14	REAL			Distribution of Livestock by # of Heads: Poultry 10 - 14
	46	oth10_14	REAL			Distribution of Livestock by # of Heads: Others 10 - 14

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	47	cat15_19	REAL			Distribution of Livestock by # of Heads: Cattle 15 - 19
	48	she15_19	REAL			Distribution of Livestock by # of Heads: Sheep/Goats 15 - 19
	49	swi15_19	REAL			Distribution of Livestock by # of Heads: Swine 15 - 19
	50	pou15_19	REAL			Distribution of Livestock by # of Heads: Poultry 15 - 19
	51	oth15_19	REAL			Distribution of Livestock by # of Heads: Others 15 - 19
	52	cat20_24	REAL			Distribution of Livestock by # of Heads: Cattle 20 - 24
	53	she20_24	REAL			Distribution of Livestock by # of Heads: Sheep/Goats 20 - 24
	54	swi20_24	REAL			Distribution of Livestock by # of Heads: Swine 20 - 24
	55	pou20_24	REAL			Distribution of Livestock by # of Heads: Poultry 20 - 24
	56	oth20_24	REAL			Distribution of Livestock by # of Heads: Others 20 - 24
	57	cat25	REAL			Distribution of Livestock by # of Heads: Cattle over 25
	58	she25	REAL			Distribution of Livestock by # of Heads: Sheep/Goats over 25
	59	swi25	REAL			Distribution of Livestock by # of Heads: Swine over 25
	60	pou25	REAL			Distribution of Livestock by # of Heads: Poultry over 25
	61	oth25	REAL			Distribution of Livestock by # of Heads: Others over 25
	62	tot_cat	REAL			Total Distribution of Livestock by # of Heads: Cattle
	63	tot_she	REAL			Total Distribution of Livestock by # of Heads: Sheep/Goats
	64	tot_swi	REAL			Total Distribution of Livestock by # of Heads: Swine
	65	tot_pou	REAL			Total Distribution of Livestock by # of Heads: Poultry
	66	tot_oth	REAL			Total Distribution of Livestock by # of Heads: Others
TABLA_14	ANIMAL PRODUCTION AND SLAUGHTER HOUSE CAPACITY					
	1	ccountry	TEXT	1	yes	Country code
	2	year	TEXT	2	yes	Year
	3	cod_c_y	TEXT	3	yes	Country-Year Code (exp.form)
	4	Tmilpla	REAL			Milk Processing Capacity: Total (exp.form)
	5	Tmil_use	REAL			Milk Processing Capacity Total % in use (exp.form)
	6	frepla	REAL			Milk Processing Capacity: Fresh Milk
	7	fre_use	REAL			Milk Processing Capacity: Fresh Milk % in use (exp.form)
	8	evapla	REAL			Milk Processing Capacity: Evaporated Milk
	9	eva_use	REAL			Milk Processing Capacity: Milk % in use (exp.form)
	10	conpla	REAL			Milk Processing Capacity: Condensed Milk
	11	con_use	REAL			Milk Processing Capacity: Condensed % in use (exp.form)
	12	skipla	REAL			Milk Processing Capacity : Skimmed Milk
	13	ski_use	REAL			Milk Processing Capacity: Skimmed % in use (exp.form)
	14	chepla	REAL			Milk Processing Capacity: Cheese
	15	che_use	REAL			Milk Processing Capacity: Cheese % in use (exp.form)
	16	yogpla	REAL			Milk Processing Capacity: Yogurt
	17	yog_use	REAL			Milk Processing Capacity: Yogurt % in use (exp.form)
	18	icepla	REAL			Milk Processing Capacity: Ice Cream
	19	ice_use	REAL			Milk Processing Capacity: Ice Cream % in use (exp.form)
	20	othpla	REAL			Milk Processing Capacity: Other
	21	oth_use	REAL			Milk Processing Capacity: Other % in use (exp.form)
	22	catday	REAL			Slaughter House Capacity: Cattle
	23	catuse	REAL			Slaughter House Capacity: Cattle % in use (exp.form)
	24	pigday	REAL			Slaughter House Capacity: Pigs
	25	piguse	REAL			Slaughter House Capacity: Pigs % in use (exp.form)
	26	sheday	REAL			Slaughter House Capacity: Sheep/Goats

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	27	sheuse	REAL			Slaughter House Capacity: Sheep/Goats % in use (exp.form)
	28	pouday	REAL			Slaughter House Capacity: Poultry
	29	pouuse	REAL			Slaughter House Capacity: Poultry % in use (exp.form)
	30	othday	REAL			Slaughter House Capacity: Other
	31	othuse	REAL			Slaughter House Capacity: Other % in use (exp.form)
	32	TOTday	REAL			Total Slaughter House Capacity: Head/day
	33	TOTuse	REAL			Total Slaughter House Capacity: % in use (exp.form)
	34	catpro	REAL			Meat Production: Cattle
	35	shepro	REAL			Meat Production: Sheep
	36	goapro	REAL			Meat Production: Goats
	37	poupro	REAL			Meat Production: Poultry
	38	pigpro	REAL			Meat Production: Pigs
	39	othpro	REAL			Meat Production: Others
	40	TOTpro	REAL			Total Meat Production (exp.form)
	41	CATmil	REAL			Milk Production: Cattle
	42	GOAmil	REAL			Milk Production: Goats
	43	OTHmil	REAL			Milk Production: Others
	44	TOTmil	REAL			Total Milk Production (exp.form)
	45	TMILpro	REAL			Total Milk Production (exp.form)
	46	FREpro	REAL			Production of Milk by-products: Fresh Milk
	47	EVApro	REAL			Production of Milk by-products: Evaporated Milk
	48	CONpro	REAL			Production of Milk by-products: Condensed Milk
	49	SKIpro	REAL			Production of Milk by-products: Skimmed Milk
	50	FULpro	REAL			Production of Milk by-products: Full Cream Dried
	51	CHEpro	REAL			Production of Milk by-products: Cheese
	52	ICEpro	REAL			Production of Milk by-products: Ice Cream
	53	OTHSpro	REAL			Production of Milk by-products: Others
TABLA_13	AGRO-PROCESSOR FIRM INFORMATION - (DATA)					
	1	ccountry	TEXT	1	yes	Country Code
	2	cod_13	INTEGER		yes	Order Number assigned to Firm (exp.form)
	3	nameagr	TEXT	20		Name of Firm
	4	yeaagr	TEXT	2		Years Activities Initiated
	5	fulagr	REAL			Number of full-time employees
	6	paragr	REAL			Number of part-time employess
	7	fallal	INTEGER			Flag for errors: (exp.form)
TABLA131	AGRO-PROCESSOR FIRMS: INPUTS (DATA)					
	1	ccountry	TEXT	1	yes	Agro-processors Firms Country Code
	2	cod_13	INTEGER		yes	Order Numer Assigned to Firm (exp.form)
	3	nameraw	TEXT	12	yes	Name of raw material
	4	unitraw	TEXT	8		Raw material unit
	5	quantraw	REAL			Raw material quantity
	6	falla131	INTEGER			Flag for errors: (exp.form)

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
TABLA132	AGRO-PROCESSOR FIRMS: OUTPUTS (DATA)					
	1	ccountry	TEXT	1	yes	Agro-porcessors Firms country code
	2	cod_13	INTEGER		yes	Order Number Assigned to Firm (exp.form)
	3	nameout	TEXT	12	yes	Name of output obtained
	4	unitout	TEXT	8		Output obtained unit
	5	quantout	REAL			Output obtained quantity
	6	falla132	INTEGER			Flag for errors: (exp.form)
TYEAR	YEAR VALIDS TO USE IN THIS DATABASE					
	1	YEAR	TEXT	2	yes	Valid year to use in Database
TYPEINFO	PARAMETERS USED IN ENTRY/EDIT PROGRAMS					
	1	num_info	INTEGER		yes	Option Number in Information Menu
	2	tit_info	TEXT	100		Tittle of Option
	3	ent_info	TEXT	8		Form used for entering data
	4	tab_info	TEXT	8		Table to delete from
	5	col_info	TEXT	8		Column to delete
	6	bor_info	TEXT	1		Delete column's data from this Table? (Y/N)
	7	edicion	TEXT	8		Program used to edit/look data
TYPEOUT	PARAMETERS USED IN OUTPUT PROGRAMS					
	1	num_rep	TEXT	2	yes	Option Number in Type of Report menu
	2	tit_rep	TEXT	75		Tittle of Report
	3	nom_rep	TEXT	8		name of Report
	5	wid_rep	TEXT	1		Width of Report
	6	typ_rep	TEXT	1		Type of Report: Menu option to group
	8	col_rep	TEXT	8		Column for searching WHERE
	9	Run_rep	TEXT	1		Run a Report Program? (Y/N)
	10	pro_rep	TEXT	8		Name of the Program to run
PROVI1	TEMPORAL TABLE TO PREPARE REPORT R:TAB3					
	1	cod_161	TEXT	7		Import Country-Year-Product-Origin Country (to prepare report CUADRO -option [
	2	vol_31	REAL			Volume of Imports
	3	val_31	REAL			Value of Imports
PROVI2	TEMPORAL TABLE TO PREPARE REPORT R:TAB3					
	1	cod_161	TEXT	7		Import-Export Country-Year-Product-Origin or Destination Country Code (program
	2	vol_31	REAL			Volume of Exports
	3	val_31	REAL			Value of Exports

TABLES	COLUMNS					
	#	NAME	TYPE	LENGTH	KEY	DESCRIPTION
	4	vol_32	REAL			Volume of Imports
	5	val_32	REAL			Value of Imports
	6	cod_t3	TEXT	5	yes	Export-Import Country-Year-Product (program MCUADRO)
PROVI3	TEMPORAL TABLE TO PREPARE REPORT R:TAB3					
	1	cod_T3	TEXT	5		Export-Import Country-Year-Product Code (to prepare Report CUADRO; program MCUA
	2	TOTprod	REAL			Total Production Area (Taken from Tabla_3)
	3	vol_31	REAL			Volume of Exports taken from TABLA151
	4	val_31	REAL			Value of Exports taken fro TABLA161
	5	vol_32	REAL			Volume of Imports taken from TABLA161
	6	val_32	REAL			Value of Imports taken fro TABLA161
	7	cod_161	TEXT	7		Export-Import Country-Year-Product-Destination or Origin Country taken from TAB
TEMP_R10	TEMPORAL TABLE TO PREPARE REPORT R:TAB3					
	1	cod_c_y	TEXT	3	y	Country-Year Code in temporal table used to prepare report R:tab3 (option [10]
	1	numfar	TEXT	3	y	Number of Farmers in temporal table used to prepare report R:tab3 (option [10]

Annex 4

RBASE FUNCTION KEYS

Key	Unshifted	Shifted
[F1]	Insert a line Insert a column (Definition Express) Insert an option (Application Express)	Define, redefine, or delete a user-defined key map
[F2]	Delete a line Delete a row (Browse) Delete a column (Definition Express) Delete an option (Application Express Erase a field (Edit/Enter)	Delete a field (Forms & Reports Express) Delete a text block (RBEdit) Erase from cursor to end of field (Edit/Enter)
[F3]	Display columns, variables Display menu tree (Application Express) Display tables, columns (Definition Express)	Display the user-defined key map
[F4]	Repeat character toggle Pen up/Pen down toggle (Forms and Reports Express)	Repeat delete tier definition (Forms Express) Copy text block (RBEdit)
[F5]	Reset row (Edit without form) Reset field value (Edit/Enter) Reset column definition (Definition Express) Reset option definition (Application Express) Reset characteristics (Forms Express)	Reset table value (Application Express)
[F6]	Locate field (Forms & Reports Express)	Options Menu (FileGateway) Mark a text block (RBEdit)
[F7]	Previous Table (Forms Express) Previous Section (Reports Express) Previous Row (Edit/Enter)	Record an exec file
[F8]	Next Table (Forms Express) Next Section (Reports Express) Next Row (Edit/Enter)	Play back an exec file
[F9]	Expand sections (Reports Express) Expand regions (Forms Express) Next table or region (Edit/Enter)	

[F10]	Help (All modules)	Help for defininig key maps Toggle line 24 function key list

Annex 5

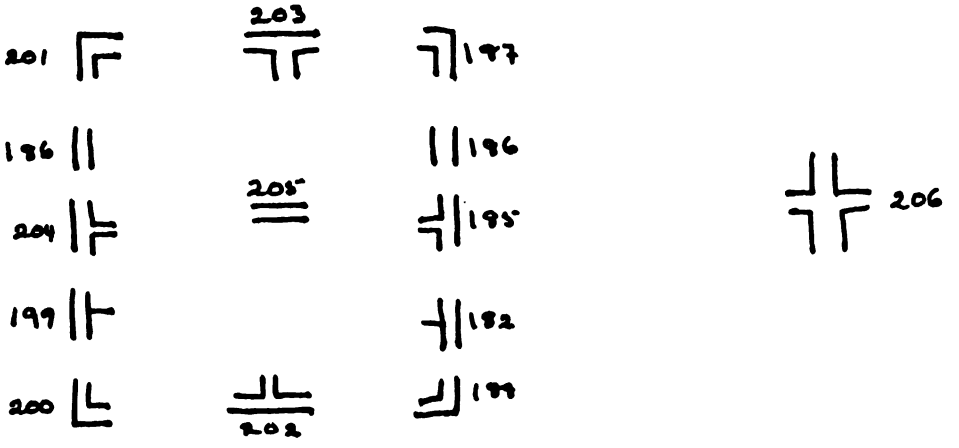
RBASE FUNCTIONS

Function	Returned Values and Description
Arithmetic and Mathematical Functions	
(ABS(arg))	Absolute value of arg
(DIM(arg1,arg2))	Positive difference between arg1 and arg2
(EXPIarg))	Exponential e(exp) of arg (where e=2.7182818)
(LOG(arg))	Log base e of arg (where e=2.7182818)
(LOG10(arg))	Log base 10 of arg
(SQRT(arg))	Square root of arg
(AVE(list))	Average of the values in list
(MAX(list))	Maximum of the values in list
(MIN(list))	Minimum of the values in list
(MOD(arg1,arg2))	Modulus (remainder of arg1 divided by arg2)
SIGN(arg1,arg2))	Transfer sign of arg2 to arg1
Trigonometric Functions	
(ACOS(arg))	Trigonometric arccosine where arg is in the rage -1 to 1, returning an angle in the range 0 to
(ASIN(arg))	Trigonometric arcsine where arg is in the range -1 to 1, returning an angle in the range - /2 to /2
(ATAN(arg))	Trigonometric arctangent where arg is any amount, returning an angle in the range - /2 to /2
(ATAN2(x,y))	Trigonometric arctangent of a coordinage angle
(COS(angle))	Trigonometric cosine
(SIN(angle))	Trigonometric sine
(TAN(angle))	Trigonometric tangent
(COSH(angle))	Hyperbolic cosine
(SINH(angle))	Hyperbolic sine
(TANH(angle))	Hyperbolic tangent

Function	Returned Values and Description
Conversion Functions	
(AINT(real))	Truncate real to real
(ANINT(real))	Round real to real
(INT(real))	Truncate real to integer
(NINT(real))	Round real to integer
(FLOAT(integer))	Convert integer to real
(CTXT(arg))	Convert an internal value to a character string
(ICHAR(chr))	Convert a single character to its ASCII integer value
(CHAR(integer))	Convert an ASCII integer value to its corresponding character
String Manipulation Functions	
(SFIL(chr,nchar))	Fill a text string with a specified character chr for number of characters nchar
(SGET(text,nchar,loc))	Select from text starting at loc for nchar characters
(SLEN(text))	Length of text
(SLOC(text,string))	Search text for string returning the location
(SMOVE(text,pos,nchar,string,loc))	Moves nchar characters from text starting at position pos to string starting at location loc
(SPUT(text,string,loc))	Move string into text starting at loc
(STRIM(text))	Remove trailing blanks from text
(ULC(text))	Convert text to lower case
(ICAP1(text))	Convert text to upper case
(CTR(text,width))	Center text in width characters
(LJS(text,width))	Left justify text in width characters
(RJS(text,width))	Right justify text in width characters
Date and Time Functions	
(RDATE(mon,day,yr))	Convert integer mon, day and yr to an internal date
(RTIME(hrs,min,sec))	Convert integer hrs, min and sec to an internal time
(JDATE(date))	Julian date of date in the form YYDDD (1900-1999 only)
(IDAY(date))	Integer day of the month of date
(IDWK(date))	Integer day of the week of date
(TDWK(date))	Text day of the week of date
(IMON(date))	Integer month of date
(TMON(date))	Text month name of date
(IYR(date))	Integer year of date
(IHR(time))	Integer hours of time
IMIN(time)	Integer minutes of time
ISEC(time)	Integer seconds of time

Function	Returned Values and Description
Financial Functions	
(FV1(pmt,int,per))	Future value of a series of equal payments based on payment amount, interest rate, and number of compounding periods
(FV2(pv,int,per))	Future value of present value based on interest rate and number of compounding periods
(PV1(pmt,int,per))	Present value of a series of equal payments based on payment amount, interest rate, and number of compounding periods
(PV2(fv,int,per))	Present value of a future value based on interest rate and number of compounding periods
(PMT1(int,per,pv))	Amount of payment needed to pay off the present value based on number of compounding periods and interest rate
(PMT2(int,per,fv))	Amount of payment needed based on a future value, interest rate, and number of compounding periods
(RATE1(fv,pv,per))	Periodic interest rate required to return the future value based on present value and number of compounding periods
(RATE2(fv,pmt,per))	Periodic interest rate required to return the future value based on payment and number of compounding periods
(RATE3(pv,pmt,per))	Periodic interest rate required for an annuity based on present value and number of compounding periods to return a series of equal payments
(TERM1(pv,int,fv))	Number of compounding periods for a return of future value based on present value and the interest rate
(TERM2(pmt,int,fv))	Number of payment periods for a return of future value based on future value, payments, and the interest rate
(TERM3(pmt,int,pv))	Number of payment periods for the present value balance to reach zero based on the payment and interest rate
Logical Functions	
(IFEQ(arg1,arg2,arg3,arg4))	IF arg1 EQ arg2 THEN arg3 ELSE arg4
(IFLT(arg1,arg2,arg3,arg4))	IF arg1 LT arg2 THEN arg3 ELSE arg4
(IFGT(arg1,arg2,arg3,arg4))	IF arg1 GT arg2 THEN arg3 ELSE arg4

Alt Keys



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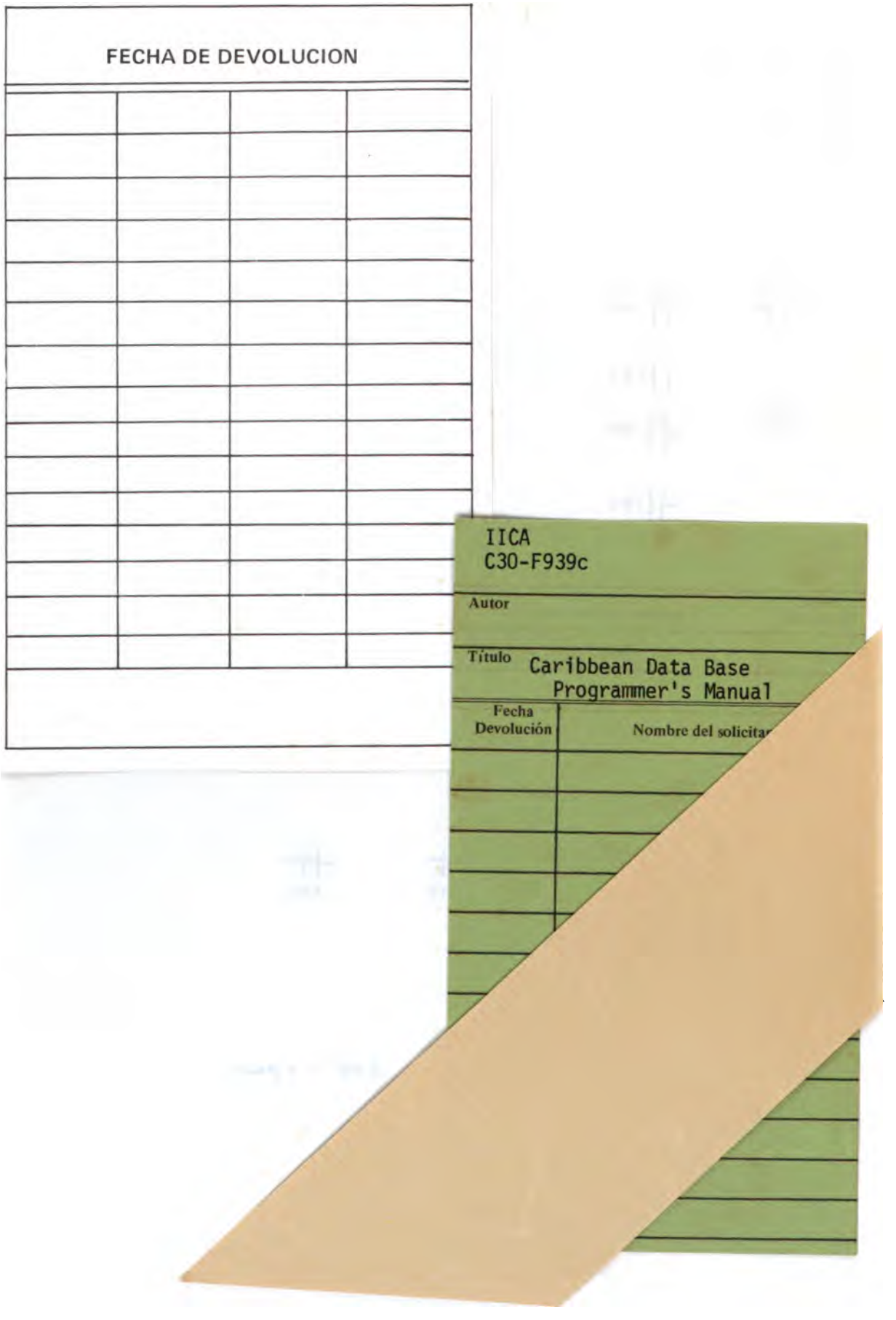
FECHA DE DEVOLUCION
IICA
C30-F939c
Autor
Título Caribbean Data Base
Programmer's Manual
Fecha
Devolución
Nombre del solicita