

LOOKUP-FILE

ITEM XEA N 1 5
ITEM XVIL N 6 3

Control

Questionnaire LGA DIS EA COMP HH

MAX-RECORDS GPC 3
HOUSE 3
POP 400

Reports Summary

Variables

INDX,px,ph,IND

RANDSEX 2

large stlmnt,urban(71)

10001
11001
12001
20001
20002
20003
20004
20005
20006
20007
20008
20009
20010
20011
20012
20013
20014
20015
20016
20017
32008
32007
43012
43019
43014
50007
50013
53007
55028
60037
60038
60039
74001
73007
80014
80015
80040
80048
80054
80080
80081
80101

30001
30006
30036
30033
30003
30034
30026
30030
30031
30029
30038
30016
30019
30012
30008
30013
30014
31023
30004
31053
31056
31057
36011
35045
80001
73013
73014
73022

LARGE LUPVAL,LUPMM 0,OLDEA 0

For-new-quest .

IF LGA<>VALID
MSG "CODE LGA NOT VALID"
END-IF

IF DIS<>VALID
MSG "CODE DIS NOT VALID"
END-IF

IF LGA <> EALGA
MSG "THE FIRST DIGIT OF THE EA NUMBER IS NOT THE LGA CODE"
END-IF

IF DIS <> EADIS
MSG "THE FIRST TWO DIGITS OF THE EA NUMBER ARE NOT THE DISTRICT NUMBER"
WRITE "FIRST TWO DIGITS OF " EA " ARE NOT DIS # " DIS
END-IF

IF LGA<>EALGA OR DIS<>EADIS
IF OLDEA<>EA
WRITE "LGA=" LGA " DIS=" DIS " EA=" EA " / EALGA=" EALGA " EADIS=" EADIS
LET OLDEA=EA
END-IF
END-IF

IF COMP<>VALID
MSG "COMPOUND NUMBER NOT VALID"

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WRITE "COMPOUND NUMBER NOT VALID " "EA="EA " COMP=" COMP " HH=" HH
END-IF

IF GRP<>VALID
MSG "TYPE OF HOUSEHOLD NOT VALID"
END-IF

IF HH<>VALID
MSG "HOUSEHOLD NUMBER NOT VALID"
WRITE "HH NUMBER NOT VALID " "EA="EA " COMP=" COMP " HH=" HH
END-IF


MATCH (EA VIL)           .DATA FILE
      (XEA XVIL)         .look-up FILE


IF MFLAG="N"
MSG "LGA, DISTRICT, ENUMERATION AREA AND TOWN/VILLAGE DO NOT MATCH"
END-IF

LET LUPVAL=(EA*1000)+VIL

IF MFLAG="N" AND LUPMM<>LUPVAL
WRITE LUPVAL
LET LUPMM=LUPVAL
END-IF


IF GRP=1 AND TYPE-COUNT(GPC) < 1
MSG "THERE IS NO GPC RECORD FOR A NORMAL HOUSEHOLD (DATA ENTRY ERROR)"
WRITE "NO GPC RECORD FOR NORMAL HH " "EA="EA " COMP=" COMP " HH=" HH
END-IF


IF GRP=1 AND TYPE-COUNT(GPC) > 1
MSG "THERE IS MORE THAN ONE GPC RECORD (DATA ENTRY ERROR)"
WRITE "MORE THAN ONE GPC RECORD " "EA="EA " COMP=" COMP " HH=" HH
END-IF


IF GRP=1 AND TYPE-COUNT(HOUSE) < 1
MSG "THERE IS NO HOUSEHOLD RECORD (DATA ENTRY ERROR)"
WRITE "NO HH RECORD FOR NORMAL HH " "EA="EA " COMP=" COMP " HH=" HH
END-IF


IF GRP=1 AND TYPE-COUNT(HOUSE) > 1
MSG "THERE IS MORE THAN ONE HOUSEHOLD RECORD (DATA ENTRY ERROR)"
WRITE "MORE THAN ONE HH RECORD " "EA="EA " COMP=" COMP " HH=" HH
END-IF


IF TYPE-COUNT(POP) < 1
MSG "THE HOUSEHOLD IS EMPTY (DATA ENTRY ERROR)- QUESTIONNAIRE IS STOPPED"
WRITE "EMPTY HH " "EA="EA " COMP=" COMP " HH=" HH
STOP-QUEST
END-IF


IF GRP=2 AND TYPE-COUNT(GPC) <> 0
MSG "THERE IS A GPC RECORD FOR A GROUP HOUSEHOLD"
WRITE "GPC RECORD FOR GROUP HH " "EA="EA " COMP=" COMP " HH=" HH
END-IF

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```

IF GRP=2 AND TYPE-COUNT(HOUSE) <> 0
  MSG "THERE IS A HOUSE RECORD FOR A GROUP HOUSEHOLD"
  WRITE "HOUSE RECORD FOR GROUP HH " "EA="EA " COMP=" COMP " HH=" HH
END-IF

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For-each (HOUSE)

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  if grp=1
    impute urh(1)=2
  end-if

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  let stlmnt=(dis*1000)+vil
  do varying ind from 1 by 1
    until ind>71
  if stlmnt=urban(ind)
    if grp=1
      impute urh(1)=1
    end-if
  end-if
end-do

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OUTPUT HOUSE

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FOR-EACH (GPC)

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  if grp=1
    impute urg(1)=2
  end-if

```

```

  let stlmnt=(dis*1000)+vil
  do varying ind from 1 by 1
    until ind>71
  if stlmnt=urban(ind)
    if grp=1
      impute urg(1)=1
    end-if
  end-if
end-do

```

```

OUTPUT GPC

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```

For-each (POP) .

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IF P00<>VALID
  MSG "CODE P00 NOT VALID"
  msg "# P00 BECOMES NOT REPORTED"
  IMPUTE P00=BLANK
END-IF

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IF P00 <> REC-NUMBER
  MSG "P00 IS NOT IN THE SEQUENCE"
  MSG "* IMPUTE SEQUENCE NUMBER TO P00"
  IMPUTE P00=REC-NUMBER
END-IF

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IF grp=1 AND REC-NUMBER=1 AND P04<>1:2
  MSG "> FIRST MEMBER OF HH IS NOT HEAD"

  LET IND=0
  FIND IND FOR P04=1:2

  IF IND<>0
    MSG "* HHH FOUND ON ANOTHER LINE AND INDIVIDUALS ARE SWAPPED"
    LET PX=IND
    LET PH=1
    CALL MOVEHHH
  END-IF

  IF IND=0
    LET P04(1)=1
    MSG "* IF NO HHH INSIDE HH, FIRST MEMBER BECOME HHH"
  END-IF

END-IF

IF REC-NUMBER=1
  IMPUTE P00(1)=1
END-IF

IF REC-NUMBER<>1
  IMPUTE P00(REC-NUMBER)=REC-NUMBER
END-IF

IF P02<>VALID
  MSG "CODE P02 NOT VALID"
  msg "# P02 BECOMES NOT REPORTED"
  IMPUTE P02 = BLANK
END-IF

IF P02=BLANK
  MSG "P02 NOT REPORTED"
END-IF

IF P02=BLANK AND P03=BLANK AND P05=BLANK
  STOP-REC
END-IF

impute urp=2

let stlmnt=(dis*1000)+vil
do varying ind from 1 by 1
  until ind>71
  if stlmnt=urban(ind)
    impute urp=1
  end-if
end-do

OUTPUT POP

SUBROUTINE MOVEHHH
$DATA 01 POPREC-HOLD
PIC X(88).

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```
$EXEC      MOVE REC-TYPE-3 (B-PH)  TO POPREC-HOLD.
$EXEC      MOVE REC-TYPE-3 (B-PX)  TO REC-TYPE-3 (B-PH).
$EXEC      MOVE POPREC-HOLD        TO REC-TYPE-3 (B-PX).
END-SUBR MOVEHHH
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