

Control
Questionnaire EA,COMP,HH
Area-Structure LGA,URRU
Max-records GPC 1
HOUSE 1
POP 700

Tables

G01(21,7)
G02(180,7)
G02B(180,7)
G03(30,15)
G03A(30,15)
G04(9,12)
G05(48,9)
G05A(48,9)
G05B(48,9)
G06(48,7)
G06A(48,7)
G06B(48,7)
G07(3,5)
G08(27,9)
G09(27,13)
G10(27,7)
G11(147,9)
G11A(147,9)
G11B(147,9)
G12(42,7)
G12B(42,7)
G13(39,7)
G14(39,7)
G15(27,11)
G15A(27,11)
G15B(27,11)
G16(27,11)
G16A(27,11)
G17(15,9)
G17B(15,13)
G18(3,13)
G19(7,13)
G20(13,3)
G26(48,8)

Variables

GR,MIG,PLR

For-each (POP)

CALL MIGSTAT

CALL G03
CALL G04
CALL G04B
CALL G05
CALL G06
CALL G07
CALL G09
CALL G11
CALL G15
CALL G16

```
IF MIG=1 OR MIG=2
  CALL G03A
  CALL G10
  CALL G16A
END-IF
```

```
IF MIG=1
  CALL G01
  CALL G02
  CALL G05A
  CALL G06A
  CALL G08
  CALL G09
  CALL G11A
  CALL G12
  CALL G13
  CALL G14
  CALL G15A
  CALL G17
  CALL G20
  CALL G26
END-IF
```

```
IF MIG=2
  CALL G02B
  CALL G12B
  CALL G05B
  CALL G06B
  CALL G11B
  CALL G15B
  CALL G17B
  CALL G18
  CALL G19
END-IF
```

```
SUBROUTINE MIGSTAT
. 0 = NON-MIGRANT
. 1 = INTERNAL MIGRANT
. 2 = EXTERNAL MIGRANT
. 9 = MIGRATION STATUS N/S
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```
IF P11A=00 OR GRP=2
  LET MIG=0
END-IF
```

```
IF P11A=99 AND GRP=1
  LET MIG=9
END-IF
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```
IF P11A<>00 AND P11A<>99 AND GRP=1 AND P11A>=01 AND P11A<=73
  LET PLR=P11AL+1
  IF PLR=LGA
    LET MIG=0
  ELSE
    LET MIG=1
  END-IF
END-IF
```

```
IF P11A<>00 AND P11A<>99 AND GRP=1 AND P11A>=80 AND P11A<=91
  LET MIG=2
END-IF
```

```
END-SUBR MIGSTAT
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SUBROUTINE G01
UNIVERSE P03>=10 AND P03<>99 AND
    (P15A=1 OR P15A=2 OR (P15A=3 AND P15C=1) OR
    (P15A=4 AND P15B=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
    (P15A=6 AND P15B=1) OR (P15A=6 AND P15B=2 AND P15C=1))
    AND (P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1))

IF P14A=1
    LET ROW=2
ELSE
    RECODE P14B TO ROW 01:06,3 11:24,4 31:80,5 81,2 91:96,6 99,7 OTHER,7
END-IF
LET ROW = ROW + (P02 * 7)

RECODE P18 TO COL 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7

TALLY G01(ROW,COL)

END-SUBR G01

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SUBROUTINE G02
UNIVERSE P03>=10 AND P03<>99 AND
    (P15A=1 OR P15A=2 OR (P15A=3 AND P15C=1) OR
    (P15A=4 AND P15B=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
    (P15A=6 AND P15B=1) OR (P15A=6 AND P15B=2 AND P15C=1))

IF P14A=1
    LET COL=2
ELSE
    RECODE P14B TO COL 01:06,3 11:24,4 31:80,5 81,2 91:96,6 99,7 OTHER,7
END-IF

RECODE P16 TO ROW 011,12 111:131,2 211:246,3 311:348,4 411:422,5 511:523,6
    611:614,7 615:621,8 711:744,9 811:834,10 911:933,11
    999,13 Others,13
LET ROW = ROW + (P02 * 15)

RECODE P07 TO GR 00,1 80:91,2 99,3 OTHER,3
LET ROW = ROW + (GR * 45)

TALLY G02(ROW,COL)

IF P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
    LET ROW=14 + (P02 * 15) + (GR * 45)
    TALLY G02(ROW,COL)
END-IF

IF (P15A=3 AND P15C=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
    (P15A=6 AND P15B=2 AND P15C=1)
    LET ROW=15 + (P02 * 15) + (GR * 45)
    TALLY G02(ROW,COL)
END-IF

END-SUBR G02

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SUBROUTINE G02B
UNIVERSE P03>=10 AND P03<>99 AND
    (P15A=1 OR P15A=2 OR (P15A=3 AND P15C=1) OR
    (P15A=4 AND P15B=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
    (P15A=6 AND P15B=1) OR (P15A=6 AND P15B=2 AND P15C=1))

IF P14A=1
    LET COL=2
ELSE

```

```

    RECODE P14B TO COL 01:06,3 11:24,4 31:80,5 81,2 91:96,6 99,7 OTHER,7
END-IF

RECODE P16 TO ROW 011,12 111:131,2 211:246,3 311:348,4 411:422,5 511:523,6
        611:614,7 615:621,8 711:744,9 811:834,10 911:933,11
        999,13 Others,13
LET ROW = ROW + (P02 * 15)

RECODE P07 TO GR 00,1 80:91,2 99,3 OTHER,3
LET ROW = ROW + (GR * 45)

TALLY G02B(ROW,COL)

IF P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
    LET ROW=14 + (P02 * 15) + (GR * 45)
    TALLY G02B(ROW,COL)
END-IF

IF (P15A=3 AND P15C=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
    (P15A=6 AND P15B=2 AND P15C=1)
    LET ROW=15 + (P02 * 15) + (GR * 45)
    TALLY G02B(ROW,COL)
END-IF

END-SUBR G02B

SUBROUTINE G03

RECODE TYPE-COUNT(POP) TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 9,10 10,11
        11:20,12 21:30,13 31:40,14 41:999,15 OTHERS,1

IF P07=00 AND (MIG=1 OR MIG=2)
    LET ROW = 3 + (P02 * 10)
    TALLY G03(ROW,COL)
END-IF

IF P07>=80 AND P07<=91 AND (MIG=1 OR MIG=2)
    LET ROW = 4 + (P02 * 10)
    TALLY G03(ROW,COL)
END-IF

IF P07=99 AND (MIG=1 OR MIG=2)
    LET ROW = 5 + (P02 * 10)
    TALLY G03(ROW,COL)
END-IF

IF P07=00 AND MIG=0
    LET ROW = 7 + (P02 * 10)
    TALLY G03(ROW,COL)
END-IF

IF P07>=80 AND P07<=91 AND MIG=0
    LET ROW = 8 + (P02 * 10)
    TALLY G03(ROW,COL)
END-IF

IF P07=99 AND MIG=0
    LET ROW = 9 + (P02 * 10)
    TALLY G03(ROW,COL)
END-IF

IF MIG=9
    LET ROW = 10 + (P02 * 10)
    TALLY G03(ROW,COL)
END-IF
END-SUBR G03

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SUBROUTINE G03A

RECODE TYPE-COUNT(POP) TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 9,10 10,11
11:20,12 21:30,13 31:40,14 41:999,15 OTHERS,1

IF P07=00 AND (MIG=1 OR MIG=2)
LET ROW = 3 + (P02 * 10)
TALLY G03A(ROW,COL)
END-IF

IF P07>=80 AND P07<=91 AND (MIG=1 OR MIG=2)
LET ROW = 4 + (P02 * 10)
TALLY G03A(ROW,COL)
END-IF

IF P07=99 AND (MIG=1 OR MIG=2)
LET ROW = 5 + (P02 * 10)
TALLY G03A(ROW,COL)
END-IF

IF P07=00 AND MIG=0
LET ROW = 7 + (P02 * 10)
TALLY G03A(ROW,COL)
END-IF

IF P07>=80 AND P07<=91 AND MIG=0
LET ROW = 8 + (P02 * 10)
TALLY G03A(ROW,COL)
END-IF

IF P07=99 AND MIG=0
LET ROW = 9 + (P02 * 10)
TALLY G03A(ROW,COL)
END-IF

IF MIG=9
LET ROW = 10 + (P02 * 10)
TALLY G03A(ROW,COL)
END-IF

END-SUBR G03A

SUBROUTINE G04

.DEFINE "CHILDREN"
.DEFINE "MIGRANT HOUSEHOLD"
END-SUBR G04

SUBROUTINE G04B

.DEFINE "CHILDREN"
.DEFINE "MIGRANT HOUSEHOLD"
END-SUBR G04B

SUBROUTINE G05

UNIVERSE P10A<=73

RECODE P03 TO ROW 0:4,2 5:9,3 10:14,4 15:19,5 20:24,6 25:29,7 30:34,8 35:39,9
40:44,10 45:49,11 50:54,12 55:59,13 60:64,14 65:98,15
99,16 OTHER,16

LET ROW = ROW + (P02 * 16)

RECODE P10A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
70:73,9 OTHERS,1

IF P10A=00

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    RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

TALLY G05(ROW,COL)

END-SUBR G05

SUBROUTINE G05A
UNIVERSE P10A<=73

RECODE P03 TO ROW 0:4,2 5:9,3 10:14,4 15:19,5 20:24,6 25:29,7 30:34,8 35:39,9
                40:44,10 45:49,11 50:54,12 55:59,13 60:64,14 65:98,15
                99,16 OTHER,16
LET ROW = ROW + (P02 * 16)

RECODE P10A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
                70:73,9 OTHERS,1

IF P10A=00
    RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

TALLY G05A(ROW,COL)

END-SUBR G05A

SUBROUTINE G05B
UNIVERSE P10A<=73

RECODE P03 TO ROW 0:4,2 5:9,3 10:14,4 15:19,5 20:24,6 25:29,7 30:34,8 35:39,9
                40:44,10 45:49,11 50:54,12 55:59,13 60:64,14 65:98,15
                99,16 OTHER,16
LET ROW = ROW + (P02 * 16)

RECODE P10A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
                70:73,9 OTHERS,1

IF P10A=00
    RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

TALLY G05B(ROW,COL)

END-SUBR G05B

SEGMENT

SUBROUTINE G06

RECODE P03 TO ROW 0:4,2 5:9,3 10:14,4 15:19,5 20:24,6 25:29,7 30:34,8 35:39,9
                40:44,10 45:49,11 50:54,12 55:59,13 60:64,14 65:98,15
                99,16 OTHER,16
LET ROW = ROW + (P02 * 16)

IF P10A=00 AND URRU=1
    TALLY G06(ROW,3)
END-IF

IF P10A=00 AND URRU=2
    TALLY G06(ROW,4)
END-IF

IF P10A>=1 AND P10A<=73 AND P11B=1
    TALLY G06(ROW,3)
END-IF

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IF P10A>=1 AND P10A<=73 AND P11B=2
    TALLY G06(ROW,4)
END-IF
IF P10A>=1 AND P10A<=73 AND P11B=9
    TALLY G06(ROW,5)
END-IF

IF P10A>=80 AND P10A<=91
    TALLY G06(ROW,6)
END-IF

IF P10A=99
    TALLY G06(ROW,7)
END-IF

END-SUBR G06

SUBROUTINE G06A

RECODE P03 TO ROW 0:4,2 5:9,3 10:14,4 15:19,5 20:24,6 25:29,7 30:34,8 35:39,9
                40:44,10 45:49,11 50:54,12 55:59,13 60:64,14 65:98,15
                99,16 OTHER,16
LET ROW = ROW + (P02 * 16)

IF P10A=00 AND URRU=1
    TALLY G06A(ROW,3)
END-IF

IF P10A=00 AND URRU=2
    TALLY G06A(ROW,4)
END-IF

IF P10A>=1 AND P10A<=73 AND P11B=1
    TALLY G06A(ROW,3)
END-IF

IF P10A>=1 AND P10A<=73 AND P11B=2
    TALLY G06A(ROW,4)
END-IF
IF P10A>=1 AND P10A<=73 AND P11B=9
    TALLY G06A(ROW,5)
END-IF

IF P10A>=80 AND P10A<=91
    TALLY G06A(ROW,6)
END-IF

IF P10A=99
    TALLY G06A(ROW,7)
END-IF

END-SUBR G06A

SUBROUTINE G06B

RECODE P03 TO ROW 0:4,2 5:9,3 10:14,4 15:19,5 20:24,6 25:29,7 30:34,8 35:39,9
                40:44,10 45:49,11 50:54,12 55:59,13 60:64,14 65:98,15
                99,16 OTHER,16
LET ROW = ROW + (P02 * 16)

IF P10A=00 AND URRU=1
    TALLY G06B(ROW,3)
END-IF

IF P10A=00 AND URRU=2
    TALLY G06B(ROW,4)

```

END-IF

IF P10A>=1 AND P10A<=73 AND P11B=1
TALLY G06B(ROW,3)

END-IF

IF P10A>=1 AND P10A<=73 AND P11B=2
TALLY G06B(ROW,4)

END-IF

IF P10A>=1 AND P10A<=73 AND P11B=9
TALLY G06B(ROW,5)

END-IF

IF P10A>=80 AND P10A<=91
TALLY G06B(ROW,6)

END-IF

IF P10A=99
TALLY G06B(ROW,7)

END-IF

END-SUBR G06B

SUBROUTINE G07

LET ROW=P02+1

. CHANGE HEADER OF COL 2 IF MIGRATION IS REDEFINED BETWEEN DISTRICTS/LGA'S

IF MIG=0

TALLY G07(ROW,2)

END-IF

IF MIG=1 AND P10A<=73
TALLY G07(ROW,3)

END-IF

IF P10A>=80 AND P10A<=91
TALLY G07(ROW,4)

END-IF

IF P10A=99
TALLY G07(ROW,5)

END-IF

END-SUBR G07

SUBROUTINE G08

UNIVERSE P11A<=73

RECODE P12 TO ROW 0,2 1,3 2,4 3,5 4,6 5,7 6:60,8 99,9 OTHERS,9

LET ROW = ROW + (P02 * 9)

RECODE P11A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
70:73,9 OTHERS,1

IF P11A=00

RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1

END-IF

TALLY G08(ROW,COL)

END-SUBR G08


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SUBROUTINE G09
UNIVERSE P11A>=80 AND P11A<=91

RECODE P12 TO ROW 0,2 1,3 2,4 3,5 4,6 5,7 6:60,8 99,9 OTHERS,9
LET ROW = ROW + (P02 * 9)

RECODE P11A TO COL 80,2 81,3 82,4 83,5 84,6 85,7 86,8 87,9 88,10 89,11 90,12
                  91,13 OTHERS,1

TALLY G09(ROW,COL)

END-SUBR G09

SUBROUTINE G10

RECODE P12 TO ROW 0,2 1,3 2,4 3,5 4,6 5,7 6:60,8 99,9 OTHERS,9
LET ROW = ROW + (P02 * 9)

IF P11A=00 AND URRU=1
    TALLY G10(ROW,3)
END-IF

IF P11A=00 AND URRU=2
    TALLY G10(ROW,4)
END-IF

IF P11A>=1 AND P11A<=73 AND P11B=1
    TALLY G10(ROW,3)
END-IF

IF P11A>=1 AND P11A<=73 AND P11B=2
    TALLY G10(ROW,4)
END-IF

IF P11A>=1 AND P11A<=73 AND P11B=9
    TALLY G10(ROW,5)
END-IF

IF P11A>=80 AND P11A<=91
    TALLY G10(ROW,6)
END-IF

IF P11A=99
    TALLY G10(ROW,7)
END-IF

END-SUBR G10

SUBROUTINE G11

RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1

IF P10A=00
    RECODE DIS TO ROW 10,3 11,4 12,5
                        20,6
                        30,8 31,9 32,10 33,11 34,12 35,13 36,14 37,15 38,16
                        40,18 41,19 42,20 43,21 44,22 45,23
                        50,25 51,26 52,27 53,28 54,29 55,30
                        60,32 61,33 62,34 63,35 64,36
                        70,38 71,39 72,40 73,41 74,42
                        80,44 81,45 82,46 83,47
                        OTHERS,1

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```

ELSE
RECODE P10A TO ROW 01,4 02,5 03,3
    10,6
    20,8 21,9 22,10 23,11 24,12 25,13 26,14 27,15 28,16
    30,18 31,19 32,20 33,21 34,22 35,23
    40,25 41,26 42,27 43,28 44,29 45,30
    50,32 51,33 52,34 53,35 54,36
    60,38 61,39 62,40 63,41 64,42
    70,44 71,45 72,46 73,47
    80:91,48 99,49 OTHERS,49

```

END-IF

LET ROW=ROW + (P02 * 49)

TALLY G11(ROW,COL)

END-SUBR G11

SUBROUTINE G11A

RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1

IF P10A=00

```

    RECODE DIS TO ROW 10,3 11,4 12,5
        20,6
        30,8 31,9 32,10 33,11 34,12 35,13 36,14 37,15 38,16
        40,18 41,19 42,20 43,21 44,22 45,23
        50,25 51,26 52,27 53,28 54,29 55,30
        60,32 61,33 62,34 63,35 64,36
        70,38 71,39 72,40 73,41 74,42
        80,44 81,45 82,46 83,47
        OTHERS,1

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ELSE

```

RECODE P10A TO ROW 01,4 02,5 03,3
    10,6
    20,8 21,9 22,10 23,11 24,12 25,13 26,14 27,15 28,16
    30,18 31,19 32,20 33,21 34,22 35,23
    40,25 41,26 42,27 43,28 44,29 45,30
    50,32 51,33 52,34 53,35 54,36
    60,38 61,39 62,40 63,41 64,42
    70,44 71,45 72,46 73,47
    80:91,48 99,49 OTHERS,49

```

END-IF

LET ROW=ROW + (P02 * 49)

TALLY G11A(ROW,COL)

END-SUBR G11A

SEGMENT

SUBROUTINE G11B

RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1

IF P10A=00

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    RECODE DIS TO ROW 10,3 11,4 12,5
        20,6
        30,8 31,9 32,10 33,11 34,12 35,13 36,14 37,15 38,16

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40,18 41,19 42,20 43,21 44,22 45,23
50,25 51,26 52,27 53,28 54,29 55,30
60,32 61,33 62,34 63,35 64,36
70,38 71,39 72,40 73,41 74,42
80,44 81,45 82,46 83,47
OTHERS,1

```

ELSE

```

RECODE P10A TO ROW 01,4 02,5 03,3
10,6
20,8 21,9 22,10 23,11 24,12 25,13 26,14 27,15 28,16
30,18 31,19 32,20 33,21 34,22 35,23
40,25 41,26 42,27 43,28 44,29 45,30
50,32 51,33 52,34 53,35 54,36
60,38 61,39 62,40 63,41 64,42
70,44 71,45 72,46 73,47
80:91,48 99,49 OTHERS,49

```

END-IF

LET ROW=ROW + (P02 * 49)

TALLY G11B(ROW,COL)

END-SUBR G11B

SUBROUTINE G12

UNIVERSE P03>=7 AND P03<>99

IF P14A=1

LET COL=2

ELSE

RECODE P14B TO COL 01:06,3 11:24,4 31:80,5 81,2 91:96,6 99,7 OTHER,7

END-IF

```

RECODE P03 TO ROW 7:9,2 10:14,3 15:19,4 20:24,5 25:29,6 30:34,7 35:39,8
40:44,9 45:49,10 50:54,11 55:59,12 60:64,13 65:98,14
OTHER,1

```

LET ROW = ROW + (P02 * 14)

TALLY G12(ROW,COL)

END-SUBR G12

SUBROUTINE G12B

UNIVERSE P03>=7 AND P03<>99

IF P14A=1

LET COL=2

ELSE

RECODE P14B TO COL 01:06,3 11:24,4 31:80,5 81,2 91:96,6 99,7 OTHER,7

END-IF

```

RECODE P03 TO ROW 7:9,2 10:14,3 15:19,4 20:24,5 25:29,6 30:34,7 35:39,8
40:44,9 45:49,10 50:54,11 55:59,12 60:64,13 65:98,14
OTHER,1

```

LET ROW = ROW + (P02 * 14)

TALLY G12B(ROW,COL)

END-SUBR G12B

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SUBROUTINE G13
UNIVERSE P03>=10 AND P03<>99

RECODE P03 TO ROW 10:14,2 15:19,3 20:24,4 25:29,5 30:34,6 35:39,7
                  40:44,8 45:49,9 50:54,10 55:59,11 60:64,12 65:98,13
                  OTHER,1
LET ROW = ROW + (P02 * 13)

TALLY G13(ROW,1)

IF P15A=1 OR P15A=2 OR (P15A=3 AND P15C=1) OR (P15A=4 AND P15B=1) OR
   (P15A=4 AND P15B=2 AND P15C=1) OR (P15A=6 AND P15B=1) OR
   (P15A=6 AND P15B=2 AND P15C=1)

   TALLY G13(ROW,2)

   IF P15A=1 OR P15B=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
      TALLY G13(ROW,3)
   END-IF

   IF (P15A=3 AND P15C=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
      (P15A=6 AND P15B=2 AND P15C=1)
      TALLY G13(ROW,4)
   END-IF
END-IF

IF (P15A=3 AND P15C=2) OR P15A=5 OR
   (P15A=4 AND P15B=2 AND P15C=2) OR (P15A=6 AND P15B=2 AND P15C=2)

   TALLY G13(ROW,6)
END-IF

END-SUBR G13

SUBROUTINE G14
UNIVERSE P03>=10 AND P03<>99 AND
   (P15A=1 OR P15A=2 OR (P15A=3 AND P15C=1) OR
    (P15A=4 AND P15B=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
    (P15A=6 AND P15B=1) OR (P15A=6 AND P15B=2 AND P15C=1))
   AND (P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1))

RECODE P18 TO COL 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7

RECODE P03 TO ROW 10:14,2 15:19,3 20:24,4 25:29,5 30:34,6 35:39,7
                  40:44,8 45:49,9 50:54,10 55:59,11 60:64,12 65:98,13
                  OTHER,1
LET ROW = ROW + (P02 * 13)

TALLY G14(ROW,COL)

END-SUBR G14

SUBROUTINE G15

RECODE LGA TO ROW 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
LET ROW = ROW + (P02 * 9)

RECODE P10A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
                  70:73,9 99,11 80:91,10 OTHERS,11

IF P10A=00
   RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

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TALLY G15(ROW,COL)

END-SUBR G15

SUBROUTINE G15A

RECODE LGA TO ROW 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
LET ROW = ROW + (P02 * 9)

RECODE P10A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
                    70:73,9 99,11 80:91,10 OTHERS,11

IF P10A=00
    RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

TALLY G15A(ROW,COL)

END-SUBR G15A

SUBROUTINE G15B

RECODE LGA TO ROW 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
LET ROW = ROW + (P02 * 9)

RECODE P10A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
                    70:73,9 99,11 80:91,10 OTHERS,11

IF P10A=00
    RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

TALLY G15B(ROW,COL)

END-SUBR G15B

SEGMENT

SUBROUTINE G16

RECODE LGA TO ROW 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
LET ROW = ROW + (P02 * 9)

RECODE P11A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
                    70:73,9 99,11 80:91,10 OTHERS,11

IF P11A=00
    RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

TALLY G16(ROW,COL)

END-SUBR G16

SUBROUTINE G16A

RECODE LGA TO ROW 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
LET ROW = ROW + (P02 * 9)

RECODE P11A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
                    70:73,9 99,11 80:91,10 OTHERS,11

IF P11A=00
    RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

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TALLY G16A(ROW,COL)

END-SUBR G16A

SUBROUTINE G18

Recode P02-SEX TO ROW 1,2 2,3 OTHERS,1

Recode P11A TO COL 80,2 81,3 82,4 83,5 84,6 85,7 86,8 87,9 88,10
89,11 90,12 91,13 OTHERS,1

Tally G18(ROW,COL)
end-subr G18

SUBROUTINE G19

UNIVERSE P03>=7 AND P03<>99

IF P14A = 1
LET ROW = 2
ELSE

Recode P14B TO ROW 01:06,3 11:37,4 41:80,5 81,2 91:96,6 99,7 OTHER,7

END-IF

RECODE P11A TO COL 80,2 81,3 82,4 83,5 84,6 85,7 86,8 87,9 88,10 89,11
90,12 91,13 OTHERS,1

TALLY G19 (ROW,COL)
end-subr G19

SUBROUTINE G17

UNIVERSE P03>=10 AND P03<>99 AND

(P15A=1 OR P15A=2 OR (P15A=3 AND P15C=1) OR
(P15A=4 AND P15B=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
(P15A=6 AND P15B=1) OR (P15A=6 AND P15B=2 AND P15C=1))

RECODE P16 TO ROW 011,12 111:131,2 211:246,3 311:348,4 411:422,5 511:523,6
611:614,7 615:621,8 711:744,9 811:834,10 911:933,11
999,13 OTHERS,13

RECODE P11A TO COL 00,1 01:03,2 10,3 20:28,4 30:35,5 40:45,6 50:54,7 60:64,8
70:73,9 OTHER,1

IF P11A=00
RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

TALLY G17 (ROW,COL)

IF P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
LET ROW = 14
TALLY G17 (ROW,COL)
END-IF

IF (P15A=3 AND P15C=1) OR (P15A=4 AND P15B=2) AND P15C=1 OR
(P15A=6 AND P15B=2 AND P15C=1)
LET ROW=15
TALLY G17 (ROW,COL)
END-IF

END-SUBR

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SUBROUTINE G17B
UNIVERSE P03>=10 AND P03<>99 AND
      (P15A=1 OR P15A=2 OR (P15A=3 AND P15C=1) OR
      (P15A=4 AND P15B=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
      (P15A=6 AND P15B=1) OR (P15A=6 AND P15B=2 AND P15C=1))

RECODE P16 TO ROW 011,12 111:131,2 211:246,3 311:348,4 411:422,5 511:523,6
      611:614,7 615:621,8 711:744,9 811:834,10 911:933,11
      999,13 OTHERS,13

RECODE P11A TO COL 80,2 81,3 82,4 83,5 84,6 85,7 86,8 87,9 88,10 89,11
      90,12 91,13 OTHERS,1

IF P11A=00
      RECODE LGA TO COL 1,2 2,3 3,4 4,5 5,6 6,7 7,8 8,9 OTHER,1
END-IF

TALLY G17B (ROW,COL)

IF P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
      LET ROW = 14
      TALLY G17B (ROW,COL)
END-IF

IF (P15A=3 AND P15C=1) OR (P15A=4 AND P15B=2) AND P15C=1 OR
      (P15A=6 AND P15B=2 AND P15C=1)
      LET ROW=15
      TALLY G17B (ROW,COL)
END-IF

END-SUBR G17B

SUBROUTINE G20
UNIVERSE P03>=10 AND P03<>99 AND P11B=2 AND URRU=1
      AND (P15A=3 AND P15C=1) OR (P15A=4 AND P15B=2 AND P15C=1) OR
      (P15A=6 AND P15B=2 AND P15C=1)

RECODE P03 TO ROW 10:14,2 15:19,3 20:24,4 25:29,5 30:34,6 35:39,7
      40:44,8 45:49,9 50:54,10 55:59,11 60:64,12 65:98,13
      OTHER,1

LET COL=P02 + 1
TALLY G20(ROW,COL)

END-SUBR G20

.SUBROUTINE G26

.RECODE P03 TO ROW 0:4,2 5:9,3 10:14,4 15:19,5 20:24,6 25:29,7 30:34,8 35:39,9
.      40:44,10 45:49,11 50:54,12 55:59,13 60:64,14 65:98,15
.      99,16 OTHER,16
.LET ROW = ROW + (P02 * 16)

.IF P10A=00 AND URRU=2 AND P11B=1
.      TALLY G26(ROW,COL)
.END-IF

.IF P10A>=1 AND P10A<=73 AND URRU=2 AND P11B=1
.      TALLY G26(ROW,COL)
.END-IF

.IF P10A>=1 AND P10A<=73 AND P11B=9
.      TALLY G26(ROW,8)

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.END-IF

.END-SUBR G26

SUBROUTINE G26

UNIVERSE P10A<=73 AND P10B=2 AND URRU=1

RECODE P03 TO ROW 0:4,2 5:9,3 10:14,4 15:19,5 20:24,6 25:29,7 30:34,8 35:39,9
40:44,10 45:49,11 50:54,12 55:59,13 60:64,14 65:98,15
99,16 OTHER,16

LET ROW = ROW + (P02 * 16)

RECODE P10A TO COL 00,1 20:28,2 30:35,3 40:45,4 50:54,5 60:64,6 70:73,7
99,8 OTHER,8

IF P10A=00

RECODE LGA TO COL 3,2 4,3 5,4 6,5 7,6 8,7 9,8 OTHER,8

END-IF

TALLY G26(ROW,COL)

END-SUBR G26