

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

Tables

```
C01(45,13)
C02(45,4)
C03(45,4)
C04(45,13)
C05(45,13)
C06(39,13)
C07(21,4)
C08(45,7)
C08A (39,7)
C09(45,13)
C10(45,7)
C11(45,7)
C12(39,7)
C13(45,7)
C14(45,7)
C15(21,7)
C16(39,5)
C17(39,7)
C18(39,7)
C19(21,7)
C20(21,7)
C21(156,7)
C22(45,4)
C23(45,4)
C24(39,7)
C25(15,7)
C26(9,7)
C27(45,4)
C28(45,4)
C29(12,7)
C30(15,13)
C31(39,5)
C32(39,7)
C40(45,12)
C41(39,12)
C42(39,12)
```

Variables

GR

For-each (POP)

```
.IF REC-NUMBER <= G1(1)
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```
CALL C01
CALL C02
CALL C03
CALL C04
CALL C05
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```

CALL C06
CALL C07
CALL C08
CALL C08A
CALL C09
CALL C10
CALL C11
CALL C12
CALL C13
CALL C14
CALL C15
CALL C16
CALL C17
CALL C18
CALL C19
CALL C20
CALL C21
CALL C22
CALL C23
CALL C24
CALL C25
CALL C26
CALL C27
CALL C28
CALL C29
CALL C30
CALL C31
CALL C32
CALL C40
CALL C41
CALL C42

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.END-IF

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SUBROUTINE C01

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```

UNIVERSE P03<>99 AND P03>=10 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 P03 TO COL 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

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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

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LET ROW = ROW + (P02 * 15)

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TALLY C01(ROW,COL)

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IF P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
LET ROW=14 + (P02 * 15)

```

```

TALLY C01(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)

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LET ROW=15 + (P02 * 15)

```

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TALLY C01(ROW,COL)

```

```

END-IF

```

END-SUBR C01

SUBROUTINE C02

UNIVERSE P03<>99 AND P03>=10 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 P07 TO COL 00,2 80:91,3 99,4 OTHERS,4

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)

TALLY C02(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)

TALLY C02(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)

TALLY C02(ROW,COL)

END-IF

END-SUBR C02

SUBROUTINE C03

UNIVERSE P03<>99 AND P03>=10

RECODE P07 TO COL 00,2 80:91,3 99,4 OTHERS,4

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))

RECODE P17 TO ROW 011:020,3 050,4 101:142,5 151:372,6 401:410,7

451:455,8 501:526,9 551:552,10 601:642,11 651:749,12

751:950,13 999,14 Others,14

LET ROW=ROW + (P02 * 15)

TALLY C03(ROW,COL)

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)

LET ROW=15 + (P02 * 15)

TALLY C03(ROW,COL)

END-IF

END-SUBR C03

SUBROUTINE C04

UNIVERSE P03<>99 AND P03>=10

RECODE P03 TO COL 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

```

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))

    RECODE P17 TO ROW 011:020,3 050,4 101:142,5 151:372,6 401:410,7
                        451:455,8 501:526,9 551:552,10 601:642,11 651:749,12
                        751:950,13 999,14 Others,14
    LET ROW = ROW + (P02 * 15)
    TALLY C04(ROW,COL)
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)
    LET ROW=15 + (P02 * 15)
    TALLY C04(ROW,COL)
END-IF

END-SUBR C04

SUBROUTINE C05
UNIVERSE P03<>99 AND P03>=10 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 P03 TO COL 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

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

    RECODE P17 TO ROW 011:020,3 050,4 101:142,5 151:372,6 401:410,7
                        451:455,8 501:526,9 551:552,10 601:642,11 651:749,12
                        751:950,13 999,14 Others,14

    LET ROW = ROW + (P02 * 15)
    TALLY C05(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)
    TALLY C05(ROW,COL)
END-IF

END-SUBR C05

SUBROUTINE C06
UNIVERSE P03<>99 AND P03>=10 AND (P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR
    (P15A=6 AND P15B=1))

RECODE P03 TO COL 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

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 * 13)

TALLY C06(ROW,COL)

END-SUBR C06

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SUBROUTINE C07
UNIVERSE P03<>99 AND P03>=10 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 P07 TO COL 00,2 80:91,3 99,4 OTHERS,4

RECODE P18 TO ROW 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7
LET ROW=ROW + (P02 * 7)

TALLY C07(ROW,COL)

END-SUBR C07

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SEGMENT

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SUBROUTINE C08
UNIVERSE P03<>99 AND P03>=10

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

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))

RECODE P17 TO ROW 011:020,3 050,4 101:142,5 151:372,6 401:410,7
451:455,8 501:526,9 551:552,10 601:642,11 651:749,12
751:950,13 999,14 Others,14
LET ROW = ROW + (P02 * 15)
TALLY C08(ROW,COL)
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)
LET ROW=15 + (P02 * 15)
TALLY C08(ROW,COL)
END-IF

END-SUBR C08

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SUBROUTINE C08A
UNIVERSE P03<>99 AND P03>=10

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

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))

RECODE P17 TO ROW 011:020,2 050,3 101:142,4 151:372,5 401:410,6
451:455,7 501:526,8 551:552,9 601:642,10 651:749,11
751:950,12 999,13 Others,13
LET ROW = ROW + (P02 * 13)
TALLY C08A(ROW,COL)

END-IF

END-SUBR C08A

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SUBROUTINE C09
UNIVERSE P03<>99 AND P03>=10

RECODE P16 TO COL 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

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))

    RECODE P17 TO ROW 011:020,3 050,4 101:142,5 151:372,6 401:410,7
        451:455,8 501:526,9 551:552,10 601:642,11 651:749,12
        751:950,13 999,14 Others,14

    LET ROW = ROW + (P02 * 15)
    TALLY C09(ROW,COL)
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)
    LET ROW=15 + (P02 * 15)
    TALLY C09(ROW,COL)
END-IF

END-SUBR C09

SUBROUTINE C10
UNIVERSE P03<>99 AND P03>=10 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)

TALLY C10(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)
    TALLY C10(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)
    TALLY C10(ROW,COL)
END-IF

END-SUBR C10

SUBROUTINE C11
UNIVERSE P03<>99 AND P03>=10 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))

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RECODE P05 TO COL 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7

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)

TALLY C11(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)
    TALLY C11(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)
    TALLY C11(ROW,COL)
END-IF

END-SUBR C11

SUBROUTINE C12
UNIVERSE P03<>99 AND P03>=10 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 ROW = ROW + (P02 * 13)

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

TALLY C12 (ROW,COL)

END-SUBR C12

SUBROUTINE C13
UNIVERSE P03<>99 AND P03>=10

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

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))

    RECODE P17 TO ROW 011:020,3 050,4 101:142,5 151:372,6 401:410,7
                    451:455,8 501:526,9 551:552,10 601:642,11 651:749,12
                    751:950,13 999,14 Others,14
    LET ROW = ROW + (P02 * 15)
    TALLY C13(ROW,COL)
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)

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```
      LET ROW=15 + (P02 * 15)
      TALLY C13(ROW,COL)
END-IF
```

```
END-SUBR C13
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```
SUBROUTINE C14
UNIVERSE P03<>99 AND P03>=10
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```
RECODE P05 TO COL 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7
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```
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))
```

```
      RECODE P17 TO ROW 011:020,3 050,4 101:142,5 151:372,6 401:410,7
                        451:455,8 501:526,9 551:552,10 601:642,11 651:749,12
                        751:950,13 999,14 Others,14
```

```
      LET ROW = ROW + (P02 * 15)
      TALLY C14(ROW,COL)
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)
```

```
      LET ROW=15 + (P02 * 15)
      TALLY C14(ROW,COL)
END-IF
```

```
END-SUBR C14
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```
SUBROUTINE C15
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```
UNIVERSE P03<>99 AND P03>=10 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 P05 TO COL 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7
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```
RECODE P18 TO ROW 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7
LET ROW=ROW + (P02 * 7)
```

```
TALLY C15(ROW,COL)
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END-SUBR C15
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SEGMENT
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SUBROUTINE C16
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```
UNIVERSE P03<>99 AND P03>=10 AND ((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))
```

```
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
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```
LET ROW = ROW + (P02 * 13)
```

```
RECODE P15A TO COL 4,2 5,3 9,5 OTHER,4
```

```
TALLY C16 (ROW,COL)
```

```
END-SUBR C16
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SUBROUTINE C17
UNIVERSE P03<>99 AND P03>=10 AND ((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))

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)

RECODE P05 TO COL 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7

TALLY C17 (ROW,COL)

END-SUBR C17

```

```

SUBROUTINE C18
UNIVERSE P03<>99 AND P03>=10 AND (P15A=1 OR P15A=2 OR
      (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=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 ROW = ROW + (P02 * 13)

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

TALLY C18 (ROW,COL)

END-SUBR C18

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```

SUBROUTINE C19
UNIVERSE P03<>99 AND P03>=10 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 C19 (ROW,COL)

END-SUBR C19

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SUBROUTINE C20
UNIVERSE P03<>99 AND P03>=10 AND (P15A=1 OR P15A=2 OR
      (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1))

RECODE P05 TO ROW 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7
LET ROW = ROW + (P02 * 7)

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

TALLY C20 (ROW,COL)

END-SUBR C20

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SUBROUTINE C21
UNIVERSE P03<>99 AND P03>=10 AND (P15A=1 OR P15A=2 OR
      (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)) AND
      P05<>1 AND P05 <>9

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)
RECODE P06 TO GR 1,1 2,2 9,3 OTHER,3
LET ROW = ROW + (GR * 39)

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

TALLY C21 (ROW,COL)

END-SUBR C21


SUBROUTINE C22
UNIVERSE P03<>99 AND P03>=10 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 P05<>9
      AND P05<>1

RECODE P06 TO COL 1,2 2,3 9,4 OTHER,4

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)

TALLY C22(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)
      TALLY C22(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)
      TALLY C22(ROW,COL)
END-IF

END-SUBR C22


SUBROUTINE C23
UNIVERSE P03<>99 AND P03>=10 AND P05<>9 AND P05<>1

RECODE P06 TO COL 1,2 2,3 9,4 OTHER,4

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))

      RECODE P17 TO ROW 011:020,3 050,4 101:142,5 151:372,6 401:410,7
      451:455,8 501:526,9 551:552,10 601:642,11 651:749,12
      751:950,13 999,14 Others,14

      LET ROW = ROW + (P02 * 15)
      TALLY C23(ROW,COL)
END-IF

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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)
  LET ROW=15 + (P02 * 15)
  TALLY C23(ROW,COL)
END-IF

END-SUBR C23

SEGMENT

SUBROUTINE C24
UNIVERSE P03<>99 AND P03>=10

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 C24(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 C24(ROW,2)

  IF P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
    TALLY C24(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 C24(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 C24(ROW,6)
END-IF

END-SUBR C24

SUBROUTINE C25
UNIVERSE P03<>99 AND P03>=10 AND ((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))

RECODE P15A TO ROW 4,2 5,3 9,5 OTHER,4
LET ROW = ROW + (P02 * 5)

RECODE P05 TO COL 1,2 2,3 3,4 4,5 5,6 9,7 OTHER,7

TALLY C25 (ROW,COL)

END-SUBR C25

SUBROUTINE C26
UNIVERSE P03<>99 AND P03>=7 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))

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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

IF P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
  LET ROW = 2 + (P02 * 3)
  TALLY C26(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 = 3 + (P02 * 3)
  TALLY C26(ROW,COL)
END-IF

END-SUBR C26

SUBROUTINE C27
UNIVERSE P03<>99 AND P03>=10 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 P13A TO COL 1,2 2,3 3,3 9,4 OTHER,4

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)

TALLY C27(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)
  TALLY C27(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)
  TALLY C27(ROW,COL)
END-IF

END-SUBR C27

SUBROUTINE C28
UNIVERSE P03<>99 AND P03>=10

RECODE P13A TO COL 1,2 2,3 3,3 9,4 OTHER,4

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))

  RECODE P17 TO ROW 011:020,3 050,4 101:142,5 151:372,6 401:410,7
    451:455,8 501:526,9 551:552,10 601:642,11 651:749,12
    751:950,13 999,14 Others,14

  LET ROW = ROW + (P02 * 15)
  TALLY C28(ROW,COL)
END-IF

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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)
  LET ROW=15 + (P02 * 15)
  TALLY C28(ROW,COL)
END-IF

END-SUBR C28

SUBROUTINE C29
UNIVERSE P03<>99 AND P03>=10 AND (P15A=1 OR P15A=2 OR
  (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1))

RECODE P13A TO ROW 1,2 2,3 3,3 9,4 OTHER,4
LET ROW = ROW + (P02 * 4)

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

TALLY C29 (ROW,COL)

END-SUBR C29

SUBROUTINE C30
UNIVERSE ((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)) AND P03>=10 AND P03<>99

RECODE P03 TO COL 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

IF P15A=3 AND P15C=2
LET ROW =2
END-IF
IF P15A=5
LET ROW=3
END-IF
IF P15A=4 AND P15B=2 AND P15C=2
LET ROW=4
END-IF
IF(P15A=6 AND P15B=2 AND P15C=2)
LET ROW=5
END-IF
LET ROW=ROW+(5 * P02)
TALLY C30(ROW,COL)
END-SUBR C30

SUBROUTINE C31
UNIVERSE P03<>99 AND P03>=10

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 C31(ROW,1)

IF P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
  TALLY C31(ROW,2)
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 C31(ROW,3)
END-IF

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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 C31(ROW,5)
END-IF

END-SUBR C31

SUBROUTINE C32
UNIVERSE P03<>99 AND P03>=10

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 C32(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 C32(ROW,2)

    IF P15A=1 OR P15A=2 OR (P15A=4 AND P15B=1) OR (P15A=6 AND P15B=1)
        TALLY C32(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 C32(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 C32(ROW,6)
END-IF

END-SUBR C32

SUBROUTINE C40
UNIVERSE P03<>99 AND P03>=10 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 31:37,5 41:43,6 51:54,7 61:64,8 70,9
                        80,10 81,2 91:96,11 99,12 other,12
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)

TALLY C40(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)
    TALLY C40(ROW,COL)
END-IF

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```

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)
  TALLY C40(ROW,COL)
END-IF

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END-SUBR C40

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SUBROUTINE C41

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UNIVERSE P03<>99 AND P03>=10 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

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LET ROW = ROW + (P02 * 13)

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IF P14A=1

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```

  LET COL=2

```

```

ELSE

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```

  RECODE P14B TO COL 01:06,3 11:24,4 31:37,5 41:43,6 51:54,7 61:64,8 70,9
    80,10 81,2 91:96,11 99,12 OTHER,12

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END-IF

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TALLY C41 (ROW,COL)

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END-SUBR C41

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SUBROUTINE C42

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UNIVERSE P03<>99 AND P03>=10 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 P03-Age 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)

```

```

IF P14A=1

```

```

  LET COL=2

```

```

ELSE

```

```

  RECODE P14B TO COL 01:06,3 11:24,4 31:37,5 41:43,6 51:54,7 61:64,8 70,9
    80,10 81,2 91:96,11 99,12 other,12

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```

END-IF

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TALLY C42 (ROW,COL)

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END-SUBR C42

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.Bal of C42 for Employ and Unemploy if Needed in the rows. Angie's Request)

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

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```

.  LET ROW=14 + (P02 * 15)

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```

.  TALLY C40(ROW,COL)

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```

.END-IF

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```

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

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.  (P15A=6 AND P15B=2 AND P15C=1)

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.  LET ROW=15 + (P02 * 15)

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```

.  TALLY C40(ROW,COL)

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.END-IF

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.END-SUBR C40

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