

Control

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

Tables

E01(45,10)
E02(144,10)
E03(45,14)
E04(105,16)
E05(45,16)
E06(147,12)

E07(39,16)
E07A(39,16)
E07B(39,16)
E07C(39,16)
E07D(39,16)
E07E(39,16)
E07F(39,16)

E08A(45,16)
E08B(45,16)
E08C(45,16)
E08D(45,16)
E08E(45,16)
E08F(45,16)
E08G(45,16)
E08H(45,16)
E08I(45,16)
E08J(45,16)
E08K(45,16)
E08L(45,16)
E08M(45,16)
E08N(45,16)

E09(42,8)
E10(42,8)
E11(42,8)

E12(42,8)
E13(45,4)
E14(45,17)
E15(45,17)
E16(36,8)
E17(87,8)
E18(39,7)
E19(21,14)
E20(45,12)
E21(21,16)

For-each (POP)

CALL E01
CALL E02
CALL E03
CALL E04
CALL E05
CALL E06

CALL E07
CALL E07A
CALL E07B
CALL E07C
CALL E07D
CALL E07E
CALL E07F

CALL E08A
CALL E08B
CALL E08C
CALL E08D
CALL E08E
CALL E08F
CALL E08G
CALL E08H
CALL E08I
CALL E08J
CALL E08K
CALL E08L
CALL E08M
CALL E08N

CALL E09
CALL E10
CALL E11

CALL E12
CALL E13
CALL E14
CALL E15
CALL E16
CALL E17
CALL E18
CALL E19
CALL E20
CALL E21

SUBROUTINE E01

UNIVERSE GRP=1:2 AND P03=3:99

IF P13A=1
LET ROW=2
ELSE
RECODE P13B TO ROW 0,3 1:6,4 7:9,5 11:13,6 21:23,7 31:37,8
41:43,9 51:54,10 61:64,11 70,12 80,13 81:86,14 others,15
end-if
LET ROW = ROW +(P02 * 15)

RECODE P03 TO COL 3:4,2 5:14,3 15:24,4 25:34,5 35:44,6 45:54,7 55:64,8
65:74,9 75:99,10 OTHER,1

TALLY E01(ROW,COL)

END-SUBR E01

SUBROUTINE E02

UNIVERSE GRP=1:2 AND P03=3:99 and p13a=2

RECODE P03 TO COL 3:4,2 5:14,3 15:24,4 25:34,5 35:44,6 45:54,7 55:64,8

65:74,9 75:99,10 OTHER,1

RECODE P13B TO ROW 0,2

1,4 2,5 3,6 4,7 5,8 6,9
7,11 8,12 9,13
10,15 11,16 12,17 13,18
21,20 22,21 23,22
31,24 32,25 33,26 34,27 35,28 36,29 37,30
41,32 42,33 43,34
51,36 52,37 53,38 54,39
61,41 62,42 63,43 64,44
70,45
80,46
81:86,47
others,48

let row = row + (p02 * 48)

TALLY E02(ROW,COL)

END-SUBR E02

SUBROUTINE E03

UNIVERSE GRP=1:2 AND P03=3:99 and p13a=2

RECODE P03 TO ROW 3:4,2 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
65:99,15 others,1

let row = row + (p02 * 15)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,2 1:6,3 7:9,4 11:13,5 21:23,6 31:37,7
41:43,8 51:54,9 61:64,10 70,11 80,12 81:86,13 others,14

end-if

TALLY E03(ROW,COL)

END-SUBR E03

SUBROUTINE E04

UNIVERSE GRP=1:2 AND P03=3:99 and p13a=2

RECODE P03 TO ROW 3,3 4,4 5,6 6,7 7,8 8,9 9,10 10,12 11,13 12,14 13,15 14,16
15,18 16,19 17,20 18,21 19,22 20,24 21,25 22,26 23,27 24,28
25:29,29 25,30 26,31 27,32 28,33 29,34 30:99 35 others,1

let row = row + (p02 * 35)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

TALLY E04(ROW,COL)

END-SUBR E04

SUBROUTINE E05

UNIVERSE GRP=1:2 AND P03=3:99

RECODE P03 TO ROW 3:4,2 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
65:99,15 others,1

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let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
                41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E05(ROW,COL)
END-SUBR E05

SUBROUTINE E06
UNIVERSE GRP=1:2 AND P03=3:99 AND P13A=2:3

RECODE P03 TO col 3:4,2 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 50:99,12 others,1

if p02=1
tally e06(50,col)
else
tally e06(99,col)
end-if

if p02=1 and p13a=2
tally e06(51,col)
end-if
if p02=2 and p13a=2
tally e06(100,col)
end-if

if p13a=2:3
RECODE P13B TO ROW 0,3
                1,5 2,6 3,7 4,8 5,9 6,10
                7,12 8,13 9,14
                10,16 11,17 12,18 13,19
                21,21 22,22 23,23
                31,25 32,26 33,27 34,28 35,29 36,30 37,31
                41,33 42,34 43,35
                51,37 52,38 53,39 54,40
                61,42 62,43 63,44 64,45
                70,46
                80,47
                81:86,48
                others,49
let row = row + (p02 * 49)
tally e06(row,col)
end-if
END-SUBR E06

SUBROUTINE E07
UNIVERSE GRP=1:2 AND P03=12:99
RECODE P03 TO ROW 12:14,2 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
                65:99,13 others,1

let row = row + (p02 * 13)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
                41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E07(ROW,COL)

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END-SUBR E07

SUBROUTINE E07a

UNIVERSE GRP=1:2 AND P03=12:99 and p20=1

RECODE P03 TO ROW 12:14,2 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
65:99,13 others,1

let row = row + (p02 * 13)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

TALLY E07a(ROW,COL)

END-SUBR E07a

SUBROUTINE E07b

UNIVERSE GRP=1:2 AND P03=12:99 and p20=2

RECODE P03 TO ROW 12:14,2 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
65:99,13 others,1

let row = row + (p02 * 13)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

TALLY E07b(ROW,COL)

END-SUBR E07b

SUBROUTINE E07c

UNIVERSE GRP=1:2 AND P03=12:99 and p20=3

RECODE P03 TO ROW 12:14,2 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
65:99,13 others,1

let row = row + (p02 * 13)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

TALLY E07c(ROW,COL)

END-SUBR E07c

SUBROUTINE E07d

UNIVERSE GRP=1:2 AND P03=12:99 and p20=4

RECODE P03 TO ROW 12:14,2 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
65:99,13 others,1

let row = row + (p02 * 13)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

TALLY E07d(ROW,COL)

END-SUBR E07d

SUBROUTINE E07e

UNIVERSE GRP=1:2 AND P03=12:99 and p20=5

RECODE P03 TO ROW 12:14,2 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
65:99,13 others,1

let row = row + (p02 * 13)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

TALLY E07e(ROW,COL)

END-SUBR E07e

SUBROUTINE E07f

UNIVERSE GRP=1:2 AND P03=12:99 and p20=blank

RECODE P03 TO ROW 12:14,2 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
65:99,13 others,1

let row = row + (p02 * 13)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

TALLY E07f(ROW,COL)

END-SUBR E07f

SUBROUTINE E08a

UNIVERSE GRP=1:2 AND P03=3:99 and p05=0

RECODE P03 TO ROW 3:4,2 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
65:99,15 others,1

let row = row + (p02 * 15)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

TALLY E08a(ROW,COL)

END-SUBR E08a

SUBROUTINE E08b

UNIVERSE GRP=1:2 AND P03=3:99 and p05=10

RECODE P03 TO ROW 3:4,2 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
65:99,15 others,1

let row = row + (p02 * 15)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

```
TALLY E08b(ROW,COL)
END-SUBR E08b
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SUBROUTINE E08c
UNIVERSE GRP=1:2 AND P03=3:99 and p05=11
RECODE P03 TO ROW 3:4,2 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
                 65:99,15 others,1
```

```
let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
                 41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08c(ROW,COL)
END-SUBR E08c
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SEGMENT
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```
SUBROUTINE E08d
UNIVERSE GRP=1:2 AND P03=3:99 and p05=12
RECODE P03 TO ROW 3:4,2 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
                 65:99,15 others,1
```

```
let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
                 41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08d(ROW,COL)
END-SUBR E08d
```

```
SUBROUTINE E08e
UNIVERSE GRP=1:2 AND P03=3:99 and p05=13
RECODE P03 TO ROW 3:4,2 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
                 65:99,15 others,1
```

```
let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
                 41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08e(ROW,COL)
END-SUBR E08e
```

```
SUBROUTINE E08f
UNIVERSE GRP=1:2 AND P03=3:99 and p05=14
RECODE P03 TO ROW 3:4,2 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
                 65:99,15 others,1
```

```
let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
```

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        41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08f(ROW,COL)
END-SUBR E08f

SUBROUTINE E08g
UNIVERSE GRP=1:2 AND P03=3:99 and p05=15
RECODE P03 TO ROW 3:4,2 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
                65:99,15 others,1

let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
        41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08g(ROW,COL)
END-SUBR E08g

SUBROUTINE E08h
UNIVERSE GRP=1:2 AND P03=3:99 and p05=16
RECODE P03 TO ROW 3:4,2 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
                65:99,15 others,1

let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
        41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08h(ROW,COL)
END-SUBR E08h

SUBROUTINE E08i
UNIVERSE GRP=1:2 AND P03=3:99 and p05=17
RECODE P03 TO ROW 3:4,2 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
                65:99,15 others,1

let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
        41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08i(ROW,COL)
END-SUBR E08i

SUBROUTINE E08j
UNIVERSE GRP=1:2 AND P03=3:99 and p05=18
RECODE P03 TO ROW 3:4,2 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
                65:99,15 others,1

let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
        41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

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end-if
TALLY E08j(ROW,COL)
END-SUBR E08j

SUBROUTINE E08k
UNIVERSE GRP=1:2 AND P03=3:99 and p05=19
RECODE P03 TO ROW 3:4,2 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
                65:99,15 others,1

let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
                41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08k(ROW,COL)
END-SUBR E08k

SUBROUTINE E08l
UNIVERSE GRP=1:2 AND P03=3:99 and p05=20
RECODE P03 TO ROW 3:4,2 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
                65:99,15 others,1

let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
                41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08l(ROW,COL)
END-SUBR E08l

SUBROUTINE E08m
UNIVERSE GRP=1:2 AND P03=3:99 and p05=21
RECODE P03 TO ROW 3:4,2 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
                65:99,15 others,1

let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
                41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if
TALLY E08m(ROW,COL)
END-SUBR E08m

SUBROUTINE E08N
UNIVERSE GRP=1:2 AND P03=3:99 and p05=blank
RECODE P03 TO ROW 3:4,2 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
                65:99,15 others,1

let row = row + (p02 * 15)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9
                41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16
end-if

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TALLY E08N(ROW,COL)
END-SUBR E08N
```

```
SUBROUTINE E09
UNIVERSE GRP=1:2 AND P03=7:99
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
                 65:99,14 others,1
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```
let row = row + (p02 * 14)
```

```
if p14a=1
recode p14b to col 1,3 2,4 3,5 others,6
end-if
if p14a=2:3
let col=7
end-if
if p14a<>1:3
let col=8
end-if
TALLY E09(ROW,COL)
END-SUBR E09
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SEGMENT
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```
SUBROUTINE E10
UNIVERSE GRP=1:2 AND P03=7:99 and p13a=2:3
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
                 65:99,14 others,1
```

```
let row = row + (p02 * 14)
```

```
if p14a=1
recode p14b to col 1,3 2,4 3,5 others,6
end-if
if p14a=2:3
let col=7
end-if
if p14a<>1:3
let col=8
end-if
TALLY E10(ROW,COL)
END-SUBR E10
```

```
SUBROUTINE E11
UNIVERSE GRP=1:2 AND P03=7:99 and p13a=1
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
                 65:99,14 others,1
```

```
let row = row + (p02 * 14)
```

```
if p14a=1
recode p14b to col 1,3 2,4 3,5 others,6
end-if
if p14a=2:3
let col=7
end-if
if p14a<>1:3
let col=8
end-if
TALLY E11(ROW,COL)
END-SUBR E11
```

```

SUBROUTINE E12
UNIVERSE GRP=1:2 AND P03=7:99 AND P13A=1
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
                65:99,14 others,1

let row = row + (p02 * 14)

if p14a=1
recode p14b to col 1,3 2,4 3,5 others,6
end-if
if p14a=2:3
let col=7
end-if
if p14a<>1:3
let col=8
end-if
TALLY E12(ROW,COL)
END-SUBR E12

SUBROUTINE E13
UNIVERSE GRP=1:2 AND P03=7:99 AND
                p03<>blank and p03>=7 and (P16A=1 OR P16A=2 OR (P16A=3 AND P16C=1) OR
                (P16A=4 AND P16B=1) OR (P16A=4 AND P16B=2 AND P16C=1) OR
                (P16A=6 AND P16B=1) OR (P16A=6 AND P16B=2 AND P16C=1))

RECODE P14A TO COL 1,2 2:3,3 OTHERS,4

RECODE P17 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 E13 (ROW,COL)

IF P16A=1 OR P16A=2 OR (P16A=4 AND P16B=1) OR (P16A=6 AND P16B=1)
    LET ROW=14 + (P02 * 15)
    TALLY E13(ROW,COL)
END-IF

IF (P16A=3 AND P16C=1) OR (P16A=4 AND P16B=2 AND P16C=1) OR
    (P16A=6 AND P16B=2 AND P16C=1)
    LET ROW=15 + (P02 * 15)
    TALLY E13(ROW,COL)
END-IF

END-SUBR E13

SUBROUTINE E14

UNIVERSE GRP=1:2 AND P03=3:17 AND P13A=2

IF P13A=1
LET ROW=2
ELSE
RECODE P13B TO ROW 0,3 1:6,4 7:9,5 11:13,6 21:23,7 31:37,8
                41:43,9 51:54,10 61:64,11 70,12 80,13 81:86,14 others,15
end-if
LET ROW = ROW +(P02 * 15)

RECODE P03 TO COL 3,2 4,3 5,4 6,5 7,6 8,7 9,8 10,9 11,10 12,11 13,12 14,13
                15,14 16,15 17,16 OTHER,17

```

TALLY E14(ROW,COL)

END-SUBR E14

SUBROUTINE E15

UNIVERSE GRP=1:2 AND P03=3:17

IF P13A=1

LET ROW=2

ELSE

RECODE P13B TO ROW 0,3 1:6,4 7:9,5 11:13,6 21:23,7 31:37,8
41:43,9 51:54,10 61:64,11 70,12 80,13 81:86,14 others,15

end-if

LET ROW = ROW +(P02 * 15)

RECODE P03 TO COL 3,2 4,3 5,4 6,5 7,6 8,7 9,8 10,9 11,10 12,11 13,12 14,13
15,14 16,15 17,16 OTHER,17

TALLY E15(ROW,COL)

END-SUBR E15

SUBROUTINE E16

UNIVERSE GRP=1:2 AND P03=7:17

RECODE P03 TO ROW 7,2 8,3 9,4 10,5 11,6 12,7 13,8 14,9 15,10 16,11 17, 12
others,1

LET ROW = ROW +(P02 * 12)

if p14a=1

recode p14b to col 1,3 2,4 3,5 others,6

end-if

if p14a=2:3

let col=7

end-if

if p14a<>1:3

let col=8

end-if

TALLY E16(ROW,COL)

END-SUBR E16

SUBROUTINE E17

UNIVERSE GRP=1:2 AND P03=3:30

RECODE P03 TO ROW 3,2 4,3 5,4 6,5 7,6 8,7 9,8 10,9 11,10 12,11 13,12
14,13 15,14 16,15 17,16 18,17 19,18 20,19 21,20
22,21 23,22 24,23 25,24 26,25 27,26 28,27 29,28
30,29 others,1

LET ROW = ROW +(P02 * 29)

if p14a=1

recode p14b to col 1,3 2,4 3,5 others,6

end-if

if p14a=2:3

let col=7

```
end-if
if p14a<>1:3
let col=8
end-if
```

```
TALLY E17(ROW,COL)
```

```
END-SUBR E17
```

```
SUBROUTINE E18
```

```
UNIVERSE GRP=1:2 AND P03=7:99 AND P03<>BLANK
```

```
IF P13A=1
LET ROW=2
ELSE
RECODE P13B TO ROW 0,2 1:6,3 7:9,4 10:13,5 21:23,6 31:37,6
      41:43,7 51:54,8 61:64,9 70,10 80,11 81:86,12 others,13
end-if
LET ROW = ROW +(P02 * 13)
```

```
RECODE P03 TO COL 7:9,2 10:14,3 15:18,4 19:24,5 25:49,6 50:99,7
      OTHER,1
```

```
TALLY E18(ROW,COL)
```

```
END-SUBR E18
```

```
SUBROUTINE E19
```

```
UNIVERSE GRP=1:2 AND P03=12:99 and p20=2
```

```
RECODE P21 TO ROW 1,2 2,3 3,4 4,5 5,6 Other,7
```

```
let row = row + (p02 * 7)
IF P13A=1
LET col=3
ELSE
RECODE P13B TO col 0,2 1:6,3 7:9,4 11:13,5 21:23,6 31:37,7
      41:43,8 51:54,9 61:64,10 70,11 80,12 81:86,13 others,14
end-if
TALLY E19(ROW,COL)
```

```
END-SUBR E19
```

```
SUBROUTINE E20
```

```
UNIVERSE GRP=1:2 AND P03=3:99 AND P05=00
```

```
IF P13A=1
LET ROW=2
ELSE
RECODE P13B TO ROW 0,3 1:6,4 7:9,5 11:13,6 21:23,7 31:37,8
      41:43,9 51:54,10 61:64,11 70,12 80,13 81:86,14 others,15
end-if
LET ROW = ROW +(P02 * 15)
```

```
RECODE P06 TO COL 0,2 1,3 2,4 3,5 4,6 5,7 6,8 7,9 8,10, 9,11 OTHER,12
```

```
TALLY E20(ROW,COL)
```

END-SUBR E20

SUBROUTINE E21

UNIVERSE GRP=1:2 AND P03=12:99 and p20=2 .P20 CURRENTLY MARRIED

RECODE P21 TO ROW 1,2 2,3 3,4 4,5 5,6 Other,7 .P21 TYPE OF UNION

let row = row + (p02 * 7)

IF P13A=1

LET col=3

ELSE

RECODE P13B TO col 0,4 1:6,5 7:9,6 11:13,7 21:23,8 31:37,9

41:43,10 51:54,11 61:64,12 70,13 80,14 81:86,15 others,16

end-if

TALLY E21(ROW,COL)

END-SUBR E21