

```
1 -----
2     name: <unnamed>
3     log: /volumes/ddisk/data/welfare_cps.log
4     log type: text
5     opened on: 1 Feb 2017, 10:49:06
6
7     . *AT THE HOUSEHOLD LEVEL;
8     . use /volumes/ddisk/ipumscps/data/cps62-16.dta, clear;
9
10    . *WEIGHTS FOR THE 2014 SURVEY ARE DOUBLE WHAT THEY SHOULD BE, SO
11    . replace hwtsupp=hwtsupp/2 if year==2014;
12    (199,556 real changes made)
13
14    . keep if year>=1994;
15    (4,408,571 observations deleted)
16
17    . generate imm=(citizen==2 | citizen==3);
18
19    . replace incwelfr=0 if incwelfr==99999;
20    (1,024,626 real changes made)
21
22    . replace incssi=0 if incssi==99999;
23    (1,024,625 real changes made)
24
25    . *THE CALCULATIONS BELOW ARE DESIGNED TO FIND OUT IF ANYONE IN TH
26    . *RECEIVED A PARTICULAR TYPE OF ASSISTANCE;
27    . *CALCULATES SUM OF VARIOUS INCOMES OR RECEIPTS BY year AND HOUSE
28    . egen mincssi=sum(incssi), by(year serial);
29
30    . egen mincwelfr=sum(incwelfr), by(year serial);
31
32    . egen mstamp=sum(foodstmp==2), by(year serial);
33
34    . egen mmedaid=sum(himcaid==2), by(year serial);
35
36    . generate byte rssi=(mincssi>0);
37
38    . generate byte rincwelfr=(mincwelfr>0);
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39
40 . generate byte rcash=(rssi>0 | rincwelfr>0);
41
42 . generate byte rstamp=(mstamp>0);
43
44 . generate byte rmedaid=(mmedaid>0);
45
46 . *A HOUSEHOLD "IS ON WELFARE" IF ANYONE RECEIVES CASH, FOOD STAMP
47 . generate byte rwelfare=(rcash==1 | rstamp==1 | rmedaid==1);
48
49 . *NOW MAKES THE UNIT OF OBSERVATION A HOUSEHOLD;
50 . *KEEPS THE HEADS OF HOUSEHOLDS/HOUSEHOLDERS;
51 . keep if relate==101;
52 (2,692,349 observations deleted)
53
54 . keep if age>=15;
55 (1 observation deleted)
56
57 . *IMMTYPE IS 1 FOR NATIVES, 2 FOR NATURALIZED CITIZENS, 3 FOR NON
58 . generate immtype=1*(imm==0) + 2*(citizen==2) + 3*(citizen==3);
59
60 . generate weight=int(hwtsupp);
61
62 . *CALCULATES THE TOTAL NUMBER OF HOUSEHOLDS BY TYPE AND YEAR;
63 . tabulate year immtype [fw=weight];
64
65 Survey |
66 year | 1 2 3 | Total
67 -----+-----+-----+-----
68 1994 | 88261541 3504621 5466281 | 97232443
69 1995 | 89719807 3697121 5642600 | 99059528
70 1996 | 89726503 4024491 5908442 | 99659436
71 1997 | 90604036 4640796 5813941 | 101058773
72 1998 | 91725601 4870073 5963687 | 102559361
73 1999 | 92923713 4884762 6158675 | 103967150
74 2000 | 93108371 5383976 6264332 | 104756679
75 2001 | 95319410 5899945 7031523 | 108250878
76 2002 | 95933347 6072111 7344428 | 109349886

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|----|-------------------------------|------------|-----------|-----------|------------|
| 77 | 2003 | 97400291 | 6430713 | 7511709 | 111342713 |
| 78 | 2004 | 97910288 | 6566090 | 7602040 | 112078418 |
| 79 | 2005 | 98938548 | 6738612 | 7760606 | 113437766 |
| 80 | 2006 | 99662415 | 6987891 | 7822111 | 114472417 |
| 81 | 2007 | 100681021 | 7213705 | 8199380 | 116094106 |
| 82 | 2008 | 101153012 | 7469866 | 8220612 | 116843490 |
| 83 | 2009 | 101618846 | 7666519 | 7937831 | 117223196 |
| 84 | 2010 | 102393689 | 8076384 | 8008501 | 118478574 |
| 85 | 2011 | 103256219 | 8569808 | 8130982 | 119957009 |
| 86 | 2012 | 103997879 | 8872785 | 8258235 | 121128899 |
| 87 | 2013 | 104941436 | 9191424 | 8379468 | 122512328 |
| 88 | 2014 | 105657045 | 9486741 | 8358285 | 123502071 |
| 89 | 2015 | 106280024 | 9734063 | 8676430 | 124690517 |
| 90 | 2016 | 107275819 | 9868915 | 8888433 | 126033167 |
| 91 | -----+-----+-----+-----+----- | | | | |
| 92 | Total | 2258488861 | 155851412 | 169348532 | 2583688805 |

95 . *GENERATES THE GRAPH IN WE WANTED WORKERS, FIGURE 9.1, CURTAIN 1
 96 . tabulate year imm [aw=hwtsupp], sum(rwelfare) me noobs nofreq;

Means of rwelfare

| Survey | imm | | Total | |
|--------|------|-----------|-----------|-----------|
| year | 0 | 1 | | |
| 103 | 1994 | .14798384 | .23329797 | .1558554 |
| 104 | 1995 | .15558425 | .23616422 | .16318201 |
| 105 | 1996 | .15016344 | .23860171 | .15897828 |
| 106 | 1997 | .15283061 | .2194924 | .15972707 |
| 107 | 1998 | .14040964 | .20212317 | .14692887 |
| 108 | 1999 | .13437017 | .20001438 | .14134311 |
| 109 | 2000 | .13266629 | .19685974 | .13980443 |
| 110 | 2001 | .14016593 | .21068652 | .1485902 |
| 111 | 2002 | .14615193 | .22708871 | .15608244 |
| 112 | 2003 | .15139134 | .23717907 | .16213372 |
| 113 | 2004 | .1585194 | .25669011 | .17092942 |
| 114 | 2005 | .16254321 | .25451678 | .17429895 |

| | | | | |
|-----|------|-----------|-----------|-----------|
| 115 | 2006 | .16554995 | .24473284 | .17579444 |
| 116 | 2007 | .16252791 | .2557661 | .17490674 |
| 117 | 2008 | .16481248 | .25520602 | .17695126 |
| 118 | 2009 | .17714477 | .28077969 | .19094059 |
| 119 | 2010 | .1950744 | .31429054 | .21125972 |
| 120 | 2011 | .20287055 | .30592558 | .21721845 |
| 121 | 2012 | .21148693 | .32022182 | .22686541 |
| 122 | 2013 | .21060977 | .32497927 | .22701315 |
| 123 | 2014 | .2183453 | .34872628 | .23718464 |
| 124 | 2015 | .23568662 | .36611286 | .25494428 |
| 125 | 2016 | .23378166 | .35490499 | .25180839 |

| | | | | |
|-----|-------------------|-----------|-----------|-----------|
| 126 | -----+-----+----- | | | |
| 127 | Total | .17336321 | .27365754 | .18598714 |

128

129 . *GENERATES THE DATA BY TYPE OF HOUSEHOLD;

130 . tabulate year immtype [aw=hwtsupp], sum(rwelfare) me noobs nofre

131

132

Means of rwelfare

133

134

Survey | immtype

135

year | 1 2 3 | Total

136

| | | | | | |
|-----|------|-----------|-----------|-----------|-----------|
| 137 | 1994 | .14798384 | .14696756 | .2886471 | .1558554 |
| 138 | 1995 | .15558425 | .14109741 | .29845255 | .16318201 |
| 139 | 1996 | .15016344 | .158169 | .29338637 | .15897828 |
| 140 | 1997 | .15283061 | .16062739 | .2664783 | .15972707 |
| 141 | 1998 | .14040964 | .16544163 | .23207738 | .14692887 |
| 142 | 1999 | .13437017 | .1629697 | .22939561 | .14134311 |
| 143 | 2000 | .13266629 | .15713243 | .23100306 | .13980443 |
| 144 | 2001 | .14016593 | .19034072 | .22775796 | .1485902 |
| 145 | 2002 | .14615193 | .19941406 | .24996881 | .15608244 |
| 146 | 2003 | .15139134 | .20123347 | .26795122 | .16213372 |
| 147 | 2004 | .1585194 | .20623491 | .30026852 | .17092942 |
| 148 | 2005 | .16254321 | .20855258 | .2944272 | .17429895 |
| 149 | 2006 | .16554995 | .20586262 | .27945631 | .17579444 |
| 150 | 2007 | .16252791 | .21987911 | .28733836 | .17490674 |
| 151 | 2008 | .16481248 | .20466832 | .30112722 | .17695126 |
| 152 | 2009 | .17714477 | .23552812 | .32448374 | .19094059 |

| | | | | | |
|-----|-------------------|-----------|-----------|-----------|-----------|
| 153 | 2010 | .1950744 | .25228704 | .37681827 | .21125972 |
| 154 | 2011 | .20287055 | .25125627 | .36354466 | .21721845 |
| 155 | 2012 | .21148693 | .26453582 | .38005043 | .22686541 |
| 156 | 2013 | .21060977 | .27778076 | .37675026 | .22701315 |
| 157 | 2014 | .2183453 | .30209525 | .40165179 | .23718464 |
| 158 | 2015 | .23568662 | .30898447 | .43020388 | .25494428 |
| 159 | 2016 | .23378166 | .29699822 | .41919817 | .25180839 |
| 160 | -----+-----+----- | | | | |
| 161 | Total | .17336321 | .2278385 | .31582393 | .18598714 |

```
163 . collapse (mean) rwelfare [aw=hwtsupp], by(year immtype);
```

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164
```

```
165 . reshape wide rwelfare, i(year) j(immtype);
```

```
166 (note: j = 1 2 3)
```

```
167
```

```
168 Data                                long  ->  wide
```

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169 -----+-----+-----
```

```
170 Number of obs.                      69   ->   23
```

```
171 Number of variables                  3   ->   4
```

```
172 j variable (3 values)               immtype -> (dropped)
```

```
173 xij variables:
```

```
174                                rwelfare -> rwelfare1 rwelfare2
```

```
175 -----+-----+-----
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```
176
```

```
177 . list, separator(0) noobs;
```

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178
```

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179 +-----+-----+-----+
```

```
180 | year   rwelfa~1   rwelfa~2   rwelfa~3 |
```

```
181 |-----+-----+-----|
```

```
182 | 1994   .147984   .146968   .288647 |
```

```
183 | 1995   .155584   .141097   .298453 |
```

```
184 | 1996   .150163   .158169   .293386 |
```

```
185 | 1997   .152831   .160627   .266478 |
```

```
186 | 1998   .14041    .165442   .232077 |
```

```
187 | 1999   .13437    .16297    .229396 |
```

```
188 | 2000   .132666   .157132   .231003 |
```

```
189 | 2001   .140166   .190341   .227758 |
```

```
190 | 2002   .146152   .199414   .249969 |
```

| | | | | | |
|-----|------|---------|---------|---------|--|
| 191 | 2003 | .151391 | .201233 | .267951 | |
| 192 | 2004 | .158519 | .206235 | .300269 | |
| 193 | 2005 | .162543 | .208553 | .294427 | |
| 194 | 2006 | .16555 | .205863 | .279456 | |
| 195 | 2007 | .162528 | .219879 | .287338 | |
| 196 | 2008 | .164812 | .204668 | .301127 | |
| 197 | 2009 | .177145 | .235528 | .324484 | |
| 198 | 2010 | .195074 | .252287 | .376818 | |
| 199 | 2011 | .202871 | .251256 | .363545 | |
| 200 | 2012 | .211487 | .264536 | .38005 | |
| 201 | 2013 | .21061 | .277781 | .37675 | |
| 202 | 2014 | .218345 | .302095 | .401652 | |
| 203 | 2015 | .235687 | .308984 | .430204 | |
| 204 | 2016 | .233782 | .296998 | .419198 | |

205 +-----+

206

207 . log close;

208 name: <unnamed>

209 log: /volumes/ddisk/data/welfare_cps.log

210 log type: text

211 closed on: 1 Feb 2017, 10:49:38

212 -----

213