



```

-----
      name: <unnamed>
      log:  E:\nhats\nhats_code\NHATS data setup\logs\6_nhats_cleaning__5_Apr_2
> 019.smcl
      log type: text
      opened on: 5 Apr 2019, 14:05:17

1 .
2 .
3 .
4 . *****
5 .
6 .
7 . //Pull dates from restricted tracker
8 . use "E:\nhats\data\NHATS Restricted\NHATS Round 7 Tracker Restricted STATA\NHA
> TS_Round_7_Tracker_Restricted.dta", clear

9 . keep spid r*spstatdtdy

10. rename r*spstatdtdy spstatdtdy*

11. reshape long spstatdtdy, i(spид) j(wave)
    (note: j = 1 2 3 4 5 6 7)

    Data                                wide  ->   long
    -----
    Number of obs.                      19530 ->  136710
    Number of variables                   8    ->    3
    j variable (7 values)                 ->   wave
    xij variables:
    spstatdtdy1 spstatdtdy2 ... spstatdtdy7 ->   spstatdtdy
    -----

12. tempfile resttrack

13. save `resttrack'
    file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000001.tmp saved

14.
15. //Does not need to change, unless get new metro file.
16.
17. //7/13/17--add in metro/nonmetro var
18. use "E:\nhats\data\NHATS Public\NHATS_Round_1_6_MetNonmet_STATA\NHATS_Round_1_
> 6_MetNonmet.dta", clear

19. forvalues w=1/6 {
    2. gen metro_ind`w'=r`w'd==1 if inrange(r`w'd,1,2)
    3. }
    (4,182 missing values generated)
    (5,352 missing values generated)
    (6,628 missing values generated)
    (7,690 missing values generated)
    (4,093 missing values generated)
    (5,151 missing values generated)

20. reshape long metro_ind, i(spид) j(wave)
    (note: j = 1 2 3 4 5 6)

    Data                                wide  ->   long
    -----
    Number of obs.                      12427 ->  74562
    Number of variables                   13    ->    9
    j variable (6 values)                 ->   wave
    xij variables:
    metro_ind1 metro_ind2 ... metro_ind6 ->   metro_ind
    -----

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21. label var metro_ind "Lives in metropolitan area"
22. note metro_ind: From metro non-metro file, r(wave)dmtnomet raw variable.
23.
24. label define metro_ind 0 "Non-Metro" 1 "Metro"
25. label values metro_ind metro_ind
26.
27. tempfile metro
28. save `metro'
    file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000002.tmp saved
29.
30. cd "${work}"
    E:\nhats\data\NHATS working data
31.
32. use round_1_$w_clean_helper_added.dta
33. merge 1:1 spid wave using `metro', keep(match master) nogen

      Result                                     # of obs.
      -----
not matched                                     6,312
    from master                               6,312
    from using                                 0
matched                                         41,466
      -----

34.
35.
36. // 3/21/2019--Adding LM questions from LML interview section, P01 Aldridge
37.
38. gen qoc_lml_e=.
    (47,778 missing values generated)
39. replace qoc_lml_e=1 if ratecare==1
    (1,317 real changes made)
40. replace qoc_lml_e=0 if inrange(ratecare,2,5)
    (1,259 real changes made)
41. note qoc_lml_e: Quality of Care rated as excellent. Coming from LM11 (Waves 2+
    > )
42. note qoc_lml_e: Located in NHATS Setup, under Part 7.
43. note qoc_lml_e: Created: 3/21/19-MH
44. /*
    > gen qoc_lml=ratecare
    > replace qoc_lml=. if inlist(ratecare,-8,-7,-1,6)
    > */
45.
46. foreach x in pain bre sad{
    2. gen unmet_`x'_lml=.
    3. replace unmet_`x'_lml=0 if inrange(`x', 1, 2)
    4. replace unmet_`x'_lml=1 if (`x'==1 & `x'hlp==2) | (`x'==1 & `x'hlp==1 & `x'
    > hlpam==1)
    5. }
    (47,778 missing values generated)
    (2,403 real changes made)
    (270 real changes made)
    (47,778 missing values generated)
    (2,443 real changes made)
    (190 real changes made)
    (47,778 missing values generated)
    (2,334 real changes made)

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(432 real changes made)

47. note unmet_pain_lml: Unmet needs for pain management. Coming from LM1, LM1A, L
> M1B (Waves 2+)

48. note unmet_pain_lml: Located in NHATS Setup, under Part 7.

49. note unmet_pain_lml: Created: 3/21/19-MH

50.

51. note unmet_bre_lml: Unmet needs for dyspnea (breathing) management. Coming fro
> m LM2, LM2A, LM2B (Waves 2+)

52. note unmet_bre_lml: Located in NHATS Setup, under Part 7.

53. note unmet_bre_lml: Created: 3/21/19-MH

54.

55. note unmet_sad_lml: Unmet needs for sadness (anxiety) management. Coming from
> LM3, LM3A, LM3B (Waves 2+)

56. note unmet_sad_lml: Located in NHATS Setup, under Part 7.

57. note unmet_sad_lml: Created: 3/21/19-MH

58.

```
59. foreach x in respect informed{
  2. gen `x'_lml=.
  3. replace `x'_lml=0 if inrange(`x', 1, 4)
  4. replace `x'_lml=1 if inrange(`x', 2,4)
  5. }
(47,778 missing values generated)
(2,558 real changes made)
(273 real changes made)
(47,778 missing values generated)
(2,552 real changes made)
(430 real changes made)
```

60.

61. note respect_lml: Not always treated with respect. Coming from LM7 (Waves 2+)

62. note respect_lml: Located in NHATS Setup, under Part 7.

63. note respect_lml: Created: 3/21/19-MH

64.

65. note informed_lml: Family not always informed for individuals condition. Comin
> g from LM8 (Waves 2+)

66. note informed_lml: Located in NHATS Setup, under Part 7.

67. note informed_lml: Created: 3/21/19-MH

68.

```
69. foreach x in caredecis carenowan{
  2. gen `x'_lml=.
  3. replace `x'_lml=0 if inlist(`x', 1, 2)
  4. replace `x'_lml=1 if `x'==1
  5. }
(47,778 missing values generated)
(2,499 real changes made)
(182 real changes made)
(47,778 missing values generated)
(2,493 real changes made)
(231 real changes made)
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70.
71. note caredecis_lml: Inadequate input about care decisions. Coming from LM4 (Wa
  > ves 2+)
72. note caredecis_lml: Located in NHATS Setup, under Part 7.
73. note caredecis_lml: Created: 3/21/19-MH
74.
75. note carenowan_lml: Care not consistent with goals. Unwanted Care. Coming from
  > LM5 (Waves 2+)
76. note carenowan_lml: Located in NHATS Setup, under Part 7.
77. note carenowan_lml: Created: 3/21/19-MH
78.
79.
80. //1/28/2019-Advance Care Planning based off of Ornstein instructions
81.
82. gen no_acp=0
83. replace no_acp=1 if inlist(eoltalk, 2, -8, -7) & inlist(poweratty, 2, -7, -8)
  > & inlist(livngwill, 2, -7, -8)
  (580 real changes made)
84. replace no_acp=. if inlist(eoltalk, -1, -9, .) | inlist(poweratty, -1, -9, .)
  > | inlist(livngwill, -1, -9, .)
  (45,763 real changes made, 45,763 to missing)
85. note no_acp: Only in Rd2. no_acp=1 if eoltalk=2,-7,-8 & poweratty=2,-7,-8 & li
  > vingwill=2,-7,-8.
86. note no_acp: No Advance Care Planning based off of talk about EOL care, legal
  > arrangements, and living will all being no.
87. note no_acp: Located in NHATS Setup, under Part 7.
88. note no_acp: Created: 1/28/19-MH
89.
90. gen formal_acp=0
91. replace formal_acp=1 if inlist(eoltalk, 2, -8, -7) & (poweratty==1 | livngwill
  > ==1)
  (279 real changes made)
92. replace formal_acp=. if inlist(eoltalk, -1, -9, .) | inlist(poweratty, -1, -9,
  > .) | inlist(livngwill, -1, -9, .)
  (45,763 real changes made, 45,763 to missing)
93. note formal_acp: Only in Rd2. formal_acp=1 if eoltalk=2,-7,-8 & (poweratty=1 |
  > livingwill=1)
94. note formal_acp: Formal Advance Care Planning based off of not talking about E
  > OL care and either having ///
  > having legal arrangements or having a living will.
95. note formal_acp: Located in NHATS Setup, under Part 7.

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96. note formal_acp: Created: 1/28/19-MH
97.
98. gen informal_acp=0
99. replace informal_acp=1 if eoltalk==1 & inlist(poweratty, 2, -7, -8) & inlist(1
  > ivngwill, 2, -7, -8)
  (243 real changes made)
100 replace informal_acp=. if inlist(eoltalk, -1, -9, .) | inlist(poweratty, -1, -
  > 9, .) | inlist(livngwill, -1, -9, .)
  (45,763 real changes made, 45,763 to missing)
101 note informal_acp: Only in Rd2. informal_acp=1 if eoltalk=1 & poweratty=2,-7,-
  > 8 & livingwill=2,-7,-8
102 note informal_acp: Informal Advance Care Planning based off of talking about E
  > OL care and not having ///
  > having legal arrangements and not having a living will.
103 note informal_acp: Located in NHATS Setup, under Part 7.
104 note informal_acp: Created: 1/28/19-MH
105
106 gen acp=0
107 replace acp=1 if eoltalk==1 & (poweratty==1 | livngwill==1)
  (913 real changes made)
108 replace acp=. if inlist(eoltalk, -1, -9, .) | inlist(poweratty, -1, -9, .) | i
  > nlist(livngwill, -1, -9, .)
  (45,763 real changes made, 45,763 to missing)
109 note formal_acp: Only in Rd2. formal_acp=1 if eoltalk=2,-7,-8 & (poweratty=1 |
  > livingwill=1)
110 note formal_acp: Formal Advance Care Planning based off of not talking about E
  > OL care and either having ///
  > having legal arrangements or having a living will.
111 note formal_acp: Located in NHATS Setup, under Part 7.
112 note formal_acp: Created: 1/28/19-MH
113
114
115 label var no_acp "No Advance care planning, 1=yes"
116 label var formal_acp "Formal Advance care planning, 1=yes"
117 label var informal_acp "Informal Advance care planning, 1=yes"
118 label var acp "Advance care planning (Formal & Informal), 1=yes"
119 label define acp 0 "No" 1 "Yes"
120 foreach x in no_acp formal_acp informal_acp acp {
  2. label values `x' acp
  3. }

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121
122
123 foreach x in no_acp formal_acp informal_acp acp {
124   2. tab `x' if wave==2 , m
125   3. }

```

No Advance care planning, l=yes				
	Freq.	Percent	Cum.	
No	1,435	20.28	20.28	
Yes	580	8.20	28.48	
.	5,060	71.52	100.00	
Total	7,075	100.00		

Formal Advance care planning, l=yes				
	Freq.	Percent	Cum.	
No	1,736	24.54	24.54	
Yes	279	3.94	28.48	
.	5,060	71.52	100.00	
Total	7,075	100.00		

Informal Advance care planning, l=yes				
	Freq.	Percent	Cum.	
No	1,772	25.05	25.05	
Yes	243	3.43	28.48	
.	5,060	71.52	100.00	
Total	7,075	100.00		

Advance care planning (Formal & Informal), l=yes				
	Freq.	Percent	Cum.	
No	1,102	15.58	15.58	
Yes	913	12.90	28.48	
.	5,060	71.52	100.00	
Total	7,075	100.00		

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124
125 // 8/10/2018 Add in 2011 weight for rd 5,6
126 rename an2011wgt0 an2011wgt
127 label var an2011wgt "2011 weights"

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128 note an2011wgt: an2011wgt0
129 note an2011wgt: Analytic Weight for 2011 cohort, for rounds 5+
130 note formal_acp: Located in NHATS Setup, under Part 7.
131 note formal_acp: Created: 8/10/18-MH
132
133
134 rename trfinwgt0 trfinwgt
135 rename tr2011wgt0 tr2011wgt
136
137 //Add in 7/3/18
138
139 foreach w in 1 5{
140     2.         replace serarmfor=1 if serarmfor==1 & wave==`w'
141     3.         replace serarmfor=0 if serarmfor==2 & wave==`w'
142     4.         replace serarmfor=. if serarmfor==7 & wave==`w'
143     5.         replace serarmfor=. if serarmfor==8 & wave==`w'
144     6. }
145     (0 real changes made)
146     (5,740 real changes made)
147     (7 real changes made, 7 to missing)
148     (74 real changes made, 74 to missing)
149     (0 real changes made)
150     (5,661 real changes made)
151     (4 real changes made, 4 to missing)
152     (185 real changes made, 185 to missing)
153
154 label var serarmfor "Served in Armed Forces"
155
156 sort spid wave
157
158 by spid: carryforward serarmfor, replace
159     serarmfor: (30900 real changes made)
160
161 notes drop serarmfor
162     (1 note dropped)
163
164 note serarmfor: Asked in rounds 1,5. Used serarmfor to find.
165
166 note serarmfor: Served in Arm Forces variable, carried previous value to new w
167     > ave.
168
169 note formal_acp: Located in NHATS Setup, under Part 7.
170
171 note formal_acp: Created: 7/3/18-MH
172
173
174 //Add in 4/6/18
175 label var dresslf "Often you Dress Yourself"
176
177
178 label var dresdif "Difficulty when using Special Items by Self"
179
180

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155 label var ntlvrmslp "Often had to Stay in Bed"

156
157 label var eatdev "Ever use Adapted Utensils"

158
159
160 ///// 4/2/2018--Adding in income quartile
    > sort wave

161 forvalues w=1/$w {
    2. xtile income_quart`w'=aveincome [aw=anfinwgt0] if wave==`w', nq(4)
    3. }

162 egen income_quart=rowmax(income_quart*)
    (3517 missing values generated)

163
164 forvalues w=1/$w{
    2. drop income_quart`w'
    3. }

165
166 note income_quart: Use aveincome to create variable.

167 note income_quart: Create an income quartile measure. Weighted.

168 note income_quart: Located in NHATS Setup, under Part 7.

169 note income_quart: Created: 4/2/18-MH

170
171 label var income_quart "Quartile of Income"

172 label define income_quart 1 "Bottom" 2 "Second" 3 "Third" 4 "Top"

173 label values income_quart income_quart

174
175 ///// 3/26/18 --Adding in Hospice and place died variables.
    >
176 label var placedied "Place of Death"

177 replace placedied=. if inlist(placedied,-1,-8)
    (36,872 real changes made, 36,872 to missing)

178 replace placedied=6 if placedied==91
    (85 real changes made)

179 note placedied: placedied (6=91) (.-=-1,-8) all else the same.

180 note placedied: Place died variable from LML interview.

181 note placedied: Located in NHATS Setup, under Part 7.

182 note placedied: Created: 3/26/18-MH

183
184 replace hospice2=. if inlist(hospice2,-1,-8)
    (39,325 real changes made, 39,325 to missing)

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185 note hospice2: hospice2 variable, (.-1,-1)
186 note hospice2: Hospice at other place, list.
187 note hospice2: Located in NHATS Setup, under Part 7.
188 note hospice2: Created: 3/26/18-MH
189
190 rename hospcelml hospicelml
191 foreach x in hospicel hospicelml {
    2. replace `x'=. if inlist(`x',-1,-8)
    3. replace `x'=0 if `x'==2
    4. }
    (38,761 real changes made, 38,761 to missing)
    (569 real changes made)
    (30,754 real changes made, 30,754 to missing)
    (972 real changes made)
192
193 note hospicel: hospicel variable (0=2) (.-1,-8)
194 note hospicel: Hospice at Nursing Home.
195 note hospicel: Located in NHATS Setup, under Part 7.
196 note hospicel: Created: 3/26/18-MH
197
198 note hospicelml: hospicelml variable (0=2) (.-1,-8)
199 note hospicelml: Hospice at other place, list.
200 note hospicelml: Located in NHATS Setup, under Part 7.
201 note hospicelml: Created: 3/26/18-MH
202
203 label var hospicel "Hopsice at Nursing Home"
204 label var hospice2 "Hospice Other Place"
205 label var hospicelml "Hospice Care in Last Month"
206
207
208 ///// 3/14/18 --Adding in Frailty underlying series
209 >
209 //activities done twice (grip test, walk test..)
210
211 forvalues i=1/2{
    2. capture drop gripsec`i'
    3. rename grp`i'rdng gripsec`i'
    4. rename wlkc`i'secs walksec`i'
    5. rename wlk`i'hndr walkhndr`i'
    6.
212 replace gripsec`i'=. if inlist(gripsec`i', -1, -9, -7, -8)
    7. replace walksec`i'=. if inlist(walksec`i', -1, -9, -7, -8)
    8. replace walkhndr`i'=. if inlist(walkhndr`i', -1, -9, -7, -8)
    9. }
    (12,833 real changes made, 12,833 to missing)
    (12,985 real changes made, 12,985 to missing)
    (13,083 real changes made, 13,083 to missing)
    (12,915 real changes made, 12,915 to missing)
    (13,044 real changes made, 13,044 to missing)
    (13,142 real changes made, 13,142 to missing)

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213
214 label var grip1 "GRP1 Display Reading"
215 label var grip2 "GRP2 Display Reading"
216 label var walk1 "Secs Hld Walking Course1"
217 label var walk2 "Secs Hld Walking Course2"
218 label var walkh1 "Hnlds Hld Walking Course1"
219 label var walkh2 "Hnlds Hld Walking Course2"
220
221 foreach y in grip1 walk1 walkh1 {
222   foreach x in 1 2 {
223     note `y'`x': `y'`x' (.-1,-7,-8,-9)
224   }
225   if "`y'"=="grip1" {
226     note grip1`x': Grip Strength `x' Reading
227   }
228   else if "`y'"=="walk1" {
229     note walk1`x': Walking Course Completion in Seconds place `x' Reading
230   }
231   else if "`y'"=="walkh1" {
232     note walkh1`x': Walking Course Completion Hundredths place `x' Reading
233   }
234   note `y'`x': Located in NHATS Setup, under Part 7.
235   note `y'`x': Created: 3/14/18-MH
236 }
237
238
239
240
241
242
243
244
245 foreach x in origwksc nhatswksc nhatsgrav nhatsgrb {
246   capture drop `x'
247   gen `x'=.
248   replace `x'=d`x' if inlist(d`x', 0, 1, 2, 3, 4)
249 }
250 (47,778 missing values generated)
251 (39,737 real changes made)
252 (47,778 missing values generated)
253 (39,737 real changes made)
254 (47,778 missing values generated)
255 (39,619 real changes made)
256 (47,778 missing values generated)
257 (39,619 real changes made)
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233 if "`x'"=="origwksc"{
4. note `x': Original Walk Score
5. }
6. else if "`x'"=="nhatswksc"{
7. note `x': NHATS Walk Score
8. }
9. else if "`x'"=="nhatsgrav"{
10. note `x': NHATS Avg Grip Score
11. }
12. else if "`x'"=="nhatsgrb"{
13. note `x': NHATS Best grip Score
14. }
15. note `x': Located in NHATS Setup, under Part 7.
16. note `x': Created: 3/14/18-MH
17.
234 }

235
236 local a lst10pnds trytolose

237 local b evrgowalk vigoractv

238
239 foreach x in `a' `b'{
2. capture drop `x'_n
3. gen `x'_n=.
4. }
(47,778 missing values generated)
(47,778 missing values generated)
(47,778 missing values generated)
(47,778 missing values generated)

240
241
242 foreach x in `a' `b'{
2. replace `x'_n=0 if `x'==2
3. replace `x'_n=1 if `x'==1
4. drop `x'
5. rename `x'_n `x'
6. note `x': `x' (0=2) (1=1) (.-=-1, -9)
7. }
(30,263 real changes made)
(11,278 real changes made)
(7,066 real changes made)
(4,211 real changes made)
(17,772 real changes made)
(24,335 real changes made)
(27,384 real changes made)
(14,710 real changes made)

243
244 note lst10pnds: Lost 10 Pounds in Last Year (Y/N)

245 note trytolose: Were you trying to lose Weight (Y/N)

246 note evrgowalk: Ever go walking for exercise (Y/N)

247 note vigoractv: Ever Vigorous Activities (Y/N)

248

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249 foreach x in `a' `b'{
    2. note `x': Located in NHATS Setup, under Part 7.
    3. note `x': Created: 04/05/18-MH
    4. }

250
251 label var lst10pnds "Lost 10 Pounds in Last Yr."

252 label var trytolose "Were You Trying to Lose Weight"

253 label var evrgowalk "Ever Go Walking for Exercise"

254 label var vigoractv "Ever Vigorous Activities"

255
256 capture drop unwgtloss lowphysact

257 gen unwgtloss=.
    (47,778 missing values generated)

258 gen lowphysact=.
    (47,778 missing values generated)

259 replace unwgtloss=0 if lst10pnds==0 | trytolose==1
    (34,474 real changes made)

260 replace unwgtloss=1 if lst10pnds==1 & trytolose==0
    (7,066 real changes made)

261 replace lowphysact=0 if evrgowalk==1 | vigoractv==1
    (27,868 real changes made)

262 replace lowphysact=1 if evrgowalk==0 & vigoractv==0
    (14,227 real changes made)

263
264 label var unwgtloss "Unintentional Weight Loss"

265 label var lowphysact "Low Physical Activity"

266
267 note unwgtloss: Created from lst10pnds and trytolose, if lst10pnds is yes and
    > trytolose is no.

268 note unwgtloss: Unintentional Weight Loss

269 note lowphysact: Created frin evrgowalk and vigoractv, if evrgowalk is no and
    > vigoractv is no.

270 note lowphysact: Low Physical Activity

271
272 replace lowenergy=. if inlist(lowenergy, -9, -8, -7, -1)
    (5,770 real changes made, 5,770 to missing)

273 replace lowenergy=0 if lowenergy==2
    (22,075 real changes made)

274 label var lowenergy "Low Energy in Last Month"

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275
276 note lowenergy: lowenergy is (.-9,-8,-7,-1) (0=2) (1=1)

277 note lowenergy: Low Energy in Last Month (Y/N)

278
279 foreach x in unwtgloss lowphysact lowenergy{
    2. note `x': Located in NHATS Setup, under Part 7.
    3. note `x': Created: 04/05/18-MH
    4. }

280
281 ///// 3/7/18 --Adding in Well-Being questions
> /// Inapplicable is people who have no interview, had a proxy, or died. turned
> to missing.
>
282 foreach j in 1 2 4 {
    2.         forvalues i=1/4 {
    3.             capture drop wbq`j'`i'
    4.             gen wbq`j'`i'=.
    5.         }
    6. }
(47,778 missing values generated)
(47,778 missing values generated)
(47,778 missing values generated)
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(47,778 missing values generated)
(47,778 missing values generated)
(47,778 missing values generated)
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(47,778 missing values generated)

283 drop wbq44

284
285 note wbq11: Often

286
287 forvalues i=1/4 {
    2. replace wbq1`i'=1 if offelche`i'==4
    3. replace wbq1`i'=2 if offelche`i'==3
    4. replace wbq1`i'=3 if offelche`i'==2
    5. replace wbq1`i'=4 if offelche`i'==1
    6. replace wbq1`i'=0 if offelche`i'==5
    7. replace wbq1`i'=5 if (offelche`i'==7 | offelche`i'==8)
    8. note wbq1`i': offelche`i' (0=5) (1=4) (2=3) (3=2) (4=1) (5=-7,-8)
    9. if `i'==1{
    10. note wbq1`i': Often you feel Cheerful (wb)
    11. }
    12. else if `i'==2{
    13. note wbq1`i': Often you feel Bored (wb)
    14. }
    15. else if `i'==3{
    16. note wbq1`i': Often you feel Full of Life (wb)
    17. }
    18. else if `i'==4{
    19. note wbq1`i': Often you feel Upset (wb)
    20. }
    21. note wbq1`i': Located in NHATS Setup, under Part 7.
    22. note wbq1`i': Created: 04/05/18-MH
    23. }
(1,135 real changes made)
(6,454 real changes made)
(19,247 real changes made)
(11,415 real changes made)
(376 real changes made)
(584 real changes made)
(11,928 real changes made)
(9,406 real changes made)

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(1,729 real changes made)
(1,302 real changes made)
(14,266 real changes made)
(580 real changes made)
(2,829 real changes made)
(8,411 real changes made)
(14,695 real changes made)
(11,393 real changes made)
(1,211 real changes made)
(672 real changes made)
(18,763 real changes made)
(9,615 real changes made)
(1,193 real changes made)
(710 real changes made)
(8,342 real changes made)
(588 real changes made)

288
289
290 label var wbq11 "Often you Feel Cheerful"

291 rename wbq11 oftcheer

292 label define oftcheer 0 "Never" 1 "Rarely (Once a Week or Less)" 2 "Some Days (
> 2-4 Days a Week)" ///
> 3 "Most Days(5-6 Days a Week)" 4 "Every Day (7 Days a Week)" 5 "RF/DK"

293 label values oftcheer oftcheer

294 label var wbq12 "Often you Feel Bored"

295 rename wbq12 oftbored

296 label values oftbored oftcheer

297 label var wbq13 "Often you Feel Full of Life"

298 rename wbq13 oftfol

299 label values oftfol oftcheer

300 label var wbq14 "Often you Feel Upset"

301 rename wbq14 oftupset

302 label values oftupset oftcheer

303
304 note drop oftcheer in 1
    (1 note dropped)

305 note renumber oftcheer

306
307 forvalues i=1/4 {
    2. replace wbq2`i'=1 if truestime`i'==3
    3. replace wbq2`i'=2 if truestime`i'==2
    4. replace wbq2`i'=3 if truestime`i'==1
    5. replace wbq2`i'=4 if (truestime`i'==7 | truestime`i'==8)
    6. note wbq2`i': truestime`i' (1=3) (2=2) (3=1) (4=-7,-8)
    7. if `i'==1{
    8. note wbq2`i': Life has Meaning and Purpose (wb)
    9. }
    10. else if `i'==2{
    11. note wbq2`i': I Feel Confident and Good about Myself (wb)
    12. }
    13. else if `i'==3{
    14. note wbq2`i': I gave up trying ot imporve my life a long time ago (wb)
    15. }
    16. else if `i'==4{
    17. note wbq2`i': I like my living situation very much (wb)
    18. }

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19. note wbq2`i': Located in NHATS Setup, under Part 7.
20. note wbq2`i': Created: 04/05/18-MH
21. }
(893 real changes made)
(5,980 real changes made)
(31,558 real changes made)
(780 real changes made)
(648 real changes made)
(5,649 real changes made)
(32,273 real changes made)
(641 real changes made)
(27,259 real changes made)
(6,731 real changes made)
(4,340 real changes made)
(881 real changes made)
(1,497 real changes made)
(5,502 real changes made)
(31,570 real changes made)
(642 real changes made)

308
309
310 label var wbq21 "Life has Meaning Purpose"

311 rename wbq21 lifemean

312 label define lifemean 1 "Agree Not at All" 2 "Agree a Little" 3 "Agree A Lot"
> 4 "RF/DK"

313 label values lifemean lifemean

314 label var wbq22 "Feels Confident"

315 rename wbq22 confident

316 label values confident lifemean

317 label var wbq23 "Gave up Improving Life"

318 rename wbq23 giveup

319 label values giveup lifemean

320 label var wbq24 "Likes Living Situation"

321 rename wbq24 livingsit

322 label values livingsit lifemean

323
324
325 forvalues i=1/3 {
2. replace wbq4`i'=1 if agrwstmt`i'==3
3. replace wbq4`i'=2 if agrwstmt`i'==2
4. replace wbq4`i'=3 if agrwstmt`i'==1
5. replace wbq4`i'=4 if (agrwstmt`i'==7 | agrwstmt`i'==8)
6. note wbq4`i': truestme`i' (1=3) (2=2) (3=1) (4=-7,-8)
7. if `i'==1{
8. note wbq4`i': Other people determine most of what I can and cannot do (wb)
9. }
10. else if `i'==2{
11. note wbq4`i': When I really want to do something, I usually find a way to d
> o it. (wb)
12. }
13. else if `i'==3{
14. note wbq4`i': I have an easy time adjusting to change. (wb)
15. }
16. note wbq4`i': Located in NHATS Setup, under Part 7.
17. note wbq4`i': Created: 04/05/18-MH
18. }
(26,335 real changes made)
(7,963 real changes made)

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(4,109 real changes made)
(804 real changes made)
(562 real changes made)
(3,679 real changes made)
(34,316 real changes made)
(654 real changes made)
(4,523 real changes made)
(13,508 real changes made)
(20,398 real changes made)
(782 real changes made)

326
327
328 label var wbq41 "Self Determination"

329 rename wbq41 selfdeter

330 label values selfdeter lifemean

331 label var wbq42 "Want-Finds Way to Do"

332 rename wbq42 findway

333 label values findway lifemean

334 label var wbq43 "Easily Adjust to Change"

335 rename wbq43 adjchg

336 label values adjchg lifemean

337
338
339 capture drop agefeel

340 egen agefeel= rowmax(ageyofeel)

341 replace agefeel=. if agefeel==9 | agefeel==8 | agefeel==7 | agefeel==1
    (10,818 real changes made, 10,818 to missing)

342 label var agefeel "Age you Feel Most Times"

343
344 note agefeel: From ageyofeel

345 note agefeel: Age you feel most of the time

346 note agefeel: Located in NHATS Setup, under Part 7.

347 note agefeel: Created: 04/05/18-MH

348
349 ///// 3/2/18 --Adding in meal skippped questions; update 3/13 added in EW18
    > //missing if in NH-FQ, dead, in NH-FQ R1 & R2
350
351 local ew mealskip1 nopayhous nopayutil nopaymed

352
353 foreach x in `ew'{
    2. tab `x'
    3. replace `x'=0 if `x'==2
    4. replace `x'=1 if `x'==1
    5. replace `x'=. if inlist(`x', -9,-8,-7,-1)
    6. note `x': `x' (0=2) (1=1) (.= -9,-8,-7,-1)
    7. if "`x'"=="mealskip1"{
    8. note `x': Skip any meals b/c there was not enough food, or money to buy foo
    > d
    9. }
    10. else if "`x'"=="nopayhous"{
    11. note `x': Not enough money to pay rent or mortgage
    12. }
    13. else if "`x'"=="nopayutil"{

```



```

14. note `x': Not enough money to pay utility bills(gas, electric)
15. }
16. else if "`x'"=="nopaymed"{
17. note `x': Not enough money to pay medical or prescription drug bills
18. }
19. note `x': Located in NHATS Setup, under Part 7.
20. note `x': Created: 04/05/18-MH
21. }

```

R2 EW16 SKIP MEALS NO MONEY	Freq.	Percent	Cum.
-9 Missing	1,039	2.63	2.63
-8 DK	574	1.45	4.08
-7 RF	110	0.28	4.36
-1 Inapplicable	3,965	10.03	14.39
1 YES	341	0.86	15.25
2 NO	33,504	84.75	100.00
Total	39,533	100.00	

(33,504 real changes made)

(0 real changes made)

(5,688 real changes made, 5,688 to missing)

R2 EW18 NO MONEY FOR HOUSING	Freq.	Percent	Cum.
-9 Missing	1,039	2.63	2.63
-8 DK	624	1.58	4.21
-7 RF	189	0.48	4.68
-1 Inapplicable	3,965	10.03	14.71
1 YES	744	1.88	16.60
2 NO	32,972	83.40	100.00
Total	39,533	100.00	

(32,972 real changes made)

(0 real changes made)

(5,817 real changes made, 5,817 to missing)

R2 EW18 NO MONEY FOR UTILITIES	Freq.	Percent	Cum.
-9 Missing	1,039	2.63	2.63
-8 DK	621	1.57	4.20
-7 RF	146	0.37	4.57
-1 Inapplicable	3,965	10.03	14.60
1 YES	1,214	3.07	17.67
2 NO	32,548	82.33	100.00
Total	39,533	100.00	

(32,548 real changes made)

(0 real changes made)

(5,771 real changes made, 5,771 to missing)

R2 EW18 NO MONEY FOR MEDICAL	Freq.	Percent	Cum.
-9 Missing	1,039	2.63	2.63
-8 DK	629	1.59	4.22
-7 RF	145	0.37	4.59
-1 Inapplicable	3,965	10.03	14.62
1 YES	1,247	3.15	17.77
2 NO	32,508	82.23	100.00
Total	39,533	100.00	

(32,508 real changes made)

(0 real changes made)

(5,778 real changes made, 5,778 to missing)

```

354
355
356 label var mealskip1 "No Money, Meals Skipped"
357 label var nopayhous "No Money for Housing"
358 label var nopayutil "No Money for Utilities"
359 label var nopaymed "No Money for Medical"
360
361 label define mealskip 0 "No" 1 "Yes"
362 foreach x in `ew' {
363     2. label values `ew' mealskip
364     3. }
365
366 rename mealskip1 mealskip
367
368 gen mealskipnum=.
369     (47,778 missing values generated)
370
371 replace mealskipnum=0 if mealskip2==1 & mealskip==0
372     (33,504 real changes made)
373
374 replace mealskipnum=1 if mealskip2==4
375     (188 real changes made)
376
377 replace mealskipnum=2 if mealskip2==3
378     (79 real changes made)
379
380 replace mealskipnum=3 if mealskip2==2
381     (26 real changes made)
382
383 replace mealskipnum=4 if mealskip2==1
384     (40 real changes made)
385
386
387
388
389 label var mealskipnum "How Often Meals Skipped"
390
391 label define mealskipnum1 0 "No" 1 "A Few Days" 2 "Several Days(less than half
392 > )" ///
393 > 3 "More than Half the Days" 4 " Nearly Every Day" 5 "RF/DK"
394
395 label values mealskipnum mealskipnum1
396
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[illegible]

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(7,276 real changes made)
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399
400 local r=1

401 foreach x in sr_skincancer_had sr_breastcancer_had sr_prostatecancer_had sr_bl
> addercancer_had ///
> sr_crvovrnutrncancer_had sr_coloncancer_had sr_kidneycancer_had sr_othercancer
> _had{
2. replace `x'=0 if inlist(`x',-1,2)
3. replace `x'=. if inlist(`x', -9,-8)
4. notes `x': cancerty`r' (0=-1,2) (.-=-9,-8)
5. if "`x'"=="sr_skincancer_had"{
6. notes `x': Had Skin Cancer
7. }
8. else if "`x'"=="sr_breastcancer_had"{
9. notes `x': Had Breast Cancer
10. }
11. else if "`x'"=="sr_prostatecancer_had"{
12. notes `x': Had Prostate Cancer
13. }
14. else if "`x'"=="sr_bladdercancer_had"{
15. notes `x': Had Bladder Cancer
16. }
17. else if "`x'"=="sr_crvovrnutrncancer_had"{
18. notes `x': Had Cervical/Ovarian/Uterine Cancer
19. }
20. else if "`x'"=="sr_coloncancer_had"{
21. notes `x': Had Colon Cancer
22. }
23. else if "`x'"=="sr_kidneycancer_had"{
24. notes `x': Had Kidney Cancer
25. }
26. else if "`x'"=="sr_othercancer_had"{
27. notes `x': Had Other Type of Cancer
28. }
29. note `x': Located in NHATS Setup, under Part 7.
30. note `x': Created: 04/05/18-MH
31. local r=`r'+1
32. }
(32,498 real changes made)
(847 real changes made, 847 to missing)
(33,330 real changes made)
(843 real changes made, 843 to missing)
(33,273 real changes made)
(843 real changes made, 843 to missing)
(33,897 real changes made)
(843 real changes made, 843 to missing)
(33,822 real changes made)
(843 real changes made, 843 to missing)
(33,784 real changes made)
(843 real changes made, 843 to missing)
(33,957 real changes made)
(843 real changes made, 843 to missing)
(33,343 real changes made)
(843 real changes made, 843 to missing)

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402
403 label var sr_skincancer_had "Sensitive: Skin Cancer"
404 label var sr_breastcancer_had "Sensitive: Breast Cancer"
405 label var sr_prostatecancer_had "Sensitive: Prostate Cancer"
406 label var sr_bladdercancer_had "Sensitive: Bladder Cancer"
407 label var sr_crvovrnutrncancer_had "Sensitive: Cervical/Ovarian/Uterine Cancer
> "
408 label var sr_coloncancer_had "Sensitive: Colon Cancer"
409 label var sr_kidneycancer_had "Sensitive: Kidney Cancer"
410 label var sr_othercancer_had "Sensitive: Other Cancer"
411
412 //recoding all refuse, dk, na, as missing
413 qui destring *, replace
414 foreach x of varlist * {
    2.         replace `x'=. if inlist(`x',-1,-7,-8,-9)
    3. }
(0 real changes made)
(0 real changes made)
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(42,177 real changes made, 42,177 to missing)
(42,177 real changes made, 42,177 to missing)
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(0 real changes made)
(5,661 real changes made, 5,661 to missing)
(1,527 real changes made, 1,527 to missing)
(2,014 real changes made, 2,014 to missing)
(2,639 real changes made, 2,639 to missing)
(1,083 real changes made, 1,083 to missing)
(3,241 real changes made, 3,241 to missing)
(0 real changes made)
(13,234 real changes made, 13,234 to missing)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(33 real changes made, 33 to missing)
(33 real changes made, 33 to missing)
(59 real changes made, 59 to missing)
(123 real changes made, 123 to missing)
(51 real changes made, 51 to missing)
(61 real changes made, 61 to missing)
(125 real changes made, 125 to missing)
(53 real changes made, 53 to missing)
(40 real changes made, 40 to missing)
(95 real changes made, 95 to missing)
(37 real changes made, 37 to missing)
(16 real changes made, 16 to missing)
(37 real changes made, 37 to missing)
(12 real changes made, 12 to missing)
(78 real changes made, 78 to missing)
(78 real changes made, 78 to missing)
(62 real changes made, 62 to missing)
(43 real changes made, 43 to missing)
(43 real changes made, 43 to missing)
(33 real changes made, 33 to missing)
(45 real changes made, 45 to missing)
(45 real changes made, 45 to missing)
(29 real changes made, 29 to missing)
(132 real changes made, 132 to missing)
(132 real changes made, 132 to missing)
(105 real changes made, 105 to missing)
(24 real changes made, 24 to missing)
(24 real changes made, 24 to missing)
(21 real changes made, 21 to missing)
(31 real changes made, 31 to missing)
(31 real changes made, 31 to missing)
(26 real changes made, 26 to missing)
(35 real changes made, 35 to missing)
(35 real changes made, 35 to missing)
(29 real changes made, 29 to missing)
(0 real changes made)
(0 real changes made)
(0 real changes made)
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(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(5,640 real changes made, 5,640 to missing)
(46,571 real changes made, 46,571 to missing)
(46,571 real changes made, 46,571 to missing)
(46,571 real changes made, 46,571 to missing)
(46,571 real changes made, 46,571 to missing)
(46,571 real changes made, 46,571 to missing)
(46,571 real changes made, 46,571 to missing)
(46,571 real changes made, 46,571 to missing)
(46,571 real changes made, 46,571 to missing)
(0 real changes made)
(3,316 real changes made, 3,316 to missing)
(0 real changes made)
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(0 real changes made)
(0 real changes made)
(5,126 real changes made, 5,126 to missing)
(9 real changes made, 9 to missing)
(9 real changes made, 9 to missing)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(113 real changes made, 113 to missing)
(0 real changes made)
(28 real changes made, 28 to missing)
(0 real changes made)
(98 real changes made, 98 to missing)
(0 real changes made)
(0 real changes made)
(35 real changes made, 35 to missing)
(0 real changes made)
(0 real changes made)
(165 real changes made, 165 to missing)
(0 real changes made)
(0 real changes made)
(42 real changes made, 42 to missing)
(0 real changes made)
(28 real changes made, 28 to missing)
(0 real changes made)
(0 real changes made)
(42 real changes made, 42 to missing)
(0 real changes made)
(0 real changes made)
(32 real changes made, 32 to missing)
(0 real changes made)
(0 real changes made)
(122 real changes made, 122 to missing)
(0 real changes made)
(0 real changes made)
(19 real changes made, 19 to missing)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(60 real changes made, 60 to missing)
(114 real changes made, 114 to missing)
(18 real changes made, 18 to missing)
(142 real changes made, 142 to missing)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
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(0 real changes made)
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(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(0 real changes made)
(7,783 real changes made, 7,783 to missing)
(8,953 real changes made, 8,953 to missing)

```
419 forvalues i=1/9 {
    2. replace howgetdoc=`i' if hwgtregd`i'==1
    3. }
(24,378 real changes made)
(13,393 real changes made)
(550 real changes made)
(1,187 real changes made)
(909 real changes made)
(412 real changes made)
(598 real changes made)
(773 real changes made)
(300 real changes made)
```

```

420
421 label define howgetdoc 1 "Drove" 2 "Got a Ride" 3 "Van/Shuttle from place live
> s" ///
> 4 "Van/Shuttle for seniors & disabled" 5 "Public transit" 6 "Taxi" 7 "Walked" /
> //
> 8 "Home visit" 9 "Other" 0 "Did not See Doctor" 10 "Refused/DK"

422 label values howgetdoc howgetdoc

423
424
425 //note 11/14/17--add importance of activities
426 gen ind_imp_visit=.
(47,778 missing values generated)

427 gen ind_imp_relig=.
(47,778 missing values generated)

428 gen ind_imp_club=.
(47,778 missing values generated)

429 gen ind_imp_goout=.
(47,778 missing values generated)

430
431 replace ind_imp_visit=inlist(impvstfam,1,2)
(47,778 real changes made)

432 replace ind_imp_relig=inlist(imprelser,1,2)
(47,778 real changes made)

433 replace ind_imp_club=inlist(imparclub,1,2)
(47,778 real changes made)

434 replace ind_imp_goout=inlist(impouteny,1,2)
(47,778 real changes made)

435
436 label var ind_imp_visit "Very/somewhat important to visit in person with frien
> ds/family"

437 label var ind_imp_relig "Very/somewhat important to attend religious services"

438 label var ind_imp_club "Very/somewhat important to participate in clubs, class
> es, etc."

439 label var ind_imp_goout "Very/somewhat important to go out for enjoyment"

440
441 foreach x in out insd bed {
2. gen device_`x'=.
3. label var device_`x' "Uses any assistive device for mobility `x'"
4. }
(47,778 missing values generated)
(47,778 missing values generated)
(47,778 missing values generated)

442 label var device_out "Uses any assistive device for mobility outside"

443 label var device_ins "Uses any assistive device for mobility inside"

```

```

444 label var device_bed "Uses any assistive device to get out of bed"
445
446 foreach x in eat bath toil dres {
    2.         gen device_`x'=.
    3.         label var device_`x' "Uses assistive device for `x'ing"
    4. }
(47,778 missing values generated)
(47,778 missing values generated)
(47,778 missing values generated)
(47,778 missing values generated)

447
448
449 foreach x in out insd bed {
    2.         replace device_`x'=d`x'devi==2 if inlist(d`x'devi,1,2)
    3. }
(41,262 real changes made)
(41,867 real changes made)
(42,072 real changes made)

450
451 foreach x in eat bath toil dres {
    2.         replace device_`x'=d`x'devi==2 if inlist(d`x'devi,1,2)
    3. }
(44,491 real changes made)
(26,812 real changes made)
(44,371 real changes made)
(44,213 real changes made)

452 replace device_bath=0 if dbathdevi==9
(17,217 real changes made)

453
454
455 gen device_any=0

456 foreach x in out ins bed eat bath toil dres {
    2.         replace device_any=1 if device_`x'==1
    3. }
(12,341 real changes made)
(1,015 real changes made)
(59 real changes made)
(264 real changes made)
(10,992 real changes made)
(6,735 real changes made)
(126 real changes made)

457 label var device_any "Uses any assistive device for ADLs"

458
459 rename drives dt drives //a drive flag exists in nhats

460 //making our own drive variable
461 gen drives=.
(47,778 missing values generated)

462 replace drives=oftedrive>0 & oftedrive<5
(47,778 real changes made)

```



```

463
464 label var drives "Drives"

465
466 gen avoids=.
    (47,778 missing values generated)

467 replace avoids=0 if oftedrive>0 & oftedrive!=5 & avoidriv1==2 & avoidriv2==2 &
    > avoidriv4==2
    (16,750 real changes made)

468
469 local avoids avoidriv1 avoidriv2 avoidriv4

470
471 foreach x of varlist `avoids' {
    2.         replace avoids=1 if `x'==1
    3.         replace `x'=. if `x'<0
    4.     }
    (9,749 real changes made)
    (0 real changes made)
    (299 real changes made)
    (0 real changes made)
    (1,192 real changes made)
    (0 real changes made)

472
473 label var avoids "Avoids driving alone/at night/in weather*"

474
475 gen miss=0

476 gen ind_transp_disadv=.
    (47,778 missing values generated)

477
478
479 replace ind_transp_disadv=0 if oftedrive==. | inlist(oftedrive,5,6)
    (19,187 real changes made)

480 local probs trkpfrvis trprrelsr trprkpfgr trprgoout

481 foreach x in `probs' {
    2. replace ind_transp_disadv=1 if `x'==1
    3. gen `x'2=`x'==1 if `x'>=0 & !missing(`x')
    4. replace `x'=`x'2
    5. drop `x'2
    6. replace miss=miss+1 if missing(`x')
    7. }
    (1,848 real changes made)
    (34,281 missing values generated)
    (11,649 real changes made)
    (34,281 real changes made)
    (1,005 real changes made)
    (34,296 missing values generated)
    (11,630 real changes made)
    (34,296 real changes made)
    (350 real changes made)
    (34,277 missing values generated)
    (11,960 real changes made)
    (34,277 real changes made)
    (264 real changes made)
    (34,275 missing values generated)
    (11,880 real changes made)
    (34,275 real changes made)

```

```

482
483 replace ind_transp_disadv=0 if !miss & missing(ind_transp_disadv)
    (0 real changes made)

484 replace ind_transp_disadv=. if miss==4
    (5,653 real changes made, 5,653 to missing)

485 label var ind_transp_disadv "Any transportation disadvantage"

486 drop miss

487
488 local lab1 Walked

489 local lab2 Got ride

490 local lab3 Van or shuttle provided by place of residence

491 local lab4 Van or shuttle for seniors

492 local lab5 Public transportation

493 local lab6 Taxi

494 local lab7 Other

495 local l=1

496
497 forvalues i=1/7 {
    2. gen get_places`i'=.
    3. }
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)

498
499 replace getoppls3=0 if !missing(getoppls7) & missing(getoppls3)
    (35,030 real changes made)

500 forvalues x=1/7 {
    2. replace get_places`x'=getoppls`x'==1
    3. replace get_places`x'=. if (inlist(getoppls7,-1,.) | getoppls`x'==.
    > )
    4. label var get_places`x' "Get places: `lab`x'"
    5. local l=`l'+1
    6. }
    (47,778 real changes made)
    (6,030 real changes made, 6,030 to missing)
    (47,778 real changes made)
    (6,040 real changes made, 6,040 to missing)
    (47,778 real changes made)
    (6,013 real changes made, 6,013 to missing)
    (47,778 real changes made)
    (6,030 real changes made, 6,030 to missing)
    (47,778 real changes made)
    (6,019 real changes made, 6,019 to missing)
    (47,778 real changes made)
    (6,019 real changes made, 6,019 to missing)
    (47,778 real changes made)
    (6,013 real changes made, 6,013 to missing)

```

```

501
502 //marital status-3 vars: married, married_or_partnered
503
504 gen married=maritalstat==1 if maritalstat!=. //married
    (5,661 missing values generated)

505 gen marital_sep=maritalstat==3 if !mi(maritalstat)
    (5,661 missing values generated)

506 gen marital_div=maritalstat==4 if !mi(maritalstat)
    (5,661 missing values generated)

507 gen marital_wid=maritalstat==5 if !mi(maritalstat)
    (5,661 missing values generated)

508 gen marital_nev=maritalstat==6 if !mi(maritalstat)
    (5,661 missing values generated)

509 gen marriedpartnered=married
    (5,661 missing values generated)

510 replace marriedpartnered=1 if maritalstat==2 //living with a partner
    (822 real changes made)

511 gen marital_sd=marital_sep
    (5,661 missing values generated)

512 replace marital_sd=1 if marital_div==1
    (4,699 real changes made)

513
514 label var married "Married"

515 label var marriedpartnered "Married or Live w/ Partner"

516 label var marital_sep "Separated"

517 label var marital_div "Divorced"

518 label var marital_wid "Widowed"

519 label var marital_nev "Never married"

520 notes married : hhlmartlstat

521 notes married : "_"

522 notes married : E:\nhats\nhats_code\NHATS data setup\NHATS_Setup, step-3 heade
    > r for intermediate var and step-7 for final

523
524 //lives with spouse
525 gen resspouse=.
    (47,778 missing values generated)

526 replace resspouse=livwthspo==1 if livwthspo>0
    (47,778 real changes made)

527 replace resspouse=0 if marriedpart==0
    (0 real changes made)

```

```

528
529 label var resspouse "Lives with Spouse/Partner"

530
531 //household members
532 gen hhm=.
    (47,778 missing values generated)

533 replace hhm=dhshldnum if dhshldnum>0
    (42,135 real changes made)

534
535 label var hhm "Number of household members"

536
537 //age categorical
538
539 sort spid wave

540 by spid: replace age=age[_n-1]+1 if missing(age)
    (2172 real changes made)

541 label var age "Sensitive: age"

542
543 gen agecat = .
    (47,778 missing values generated)

544 replace agecat= d2intvrage
    (45,107 real changes made)

545
546 replace agecat=. if agecat==-1
    (0 real changes made)

547 label values agecat d2intvrage

548 label var agecat "Age, 5 yr categories"

549
550 //activities past month
551
552 gen attrelig=. //attend services
    (47,778 missing values generated)

553 gen imprelig=. //importance of religious services
    (47,778 missing values generated)

554 gen visitfrfam=. //visit fr. fam.
    (47,778 missing values generated)

555 gen impvisit=. //importance of visiting friends & fam
    (47,778 missing values generated)

556 gen attclub=. //participate in club, organized activity, class, etc.
    (47,778 missing values generated)

557 gen impclub=. //importance of such activities
    (47,778 missing values generated)

```

```

558 gen vigact=vigoractv //vigorous activities
    (5,684 missing values generated)

559
560
561 replace attrelig=attrelser==1 if attrelser>0
    (47,778 real changes made)

562 replace imprelig=imprelser if imprelser>0
    (41,951 real changes made)

563 replace visitfrfam=vistfrfam==1 if vistfrfam>0
    (47,778 real changes made)

564 replace impvisit=impvstfam if impvstfam>0
    (41,966 real changes made)

565 replace attclub=clbmtgrac==1 if clbmtgrac>0
    (47,778 real changes made)

566 replace impclub=imparclub if imparclub>0
    (41,995 real changes made)

567 //replace vigact=vigoractv==1 if vigoractv>0
568
569
570 gen religvimp=imprelig==1 if imprelig!=. //very important binary
    (5,827 missing values generated)

571
572 label var attrelig "Past mo. Attend religious services"

573 label var imprelig "Importance of religious services"

574 label var religvimp "Religious services very important, yes/no"

575 label var visitfrfam "Past mo. visit friends or family"

576 label var impvisit "Importance of visiting friends/family"

577 label var attclub "Past mo. participate in clubs/classes/organized activities"

578 label var impclub "Importance of club/class/etc. participation"

579 label var vigact "Past mo. engage in vigorous activity"

580
581 label values imprelig palimprelser

582 label values impvisit palimpvstfam

583 label values impclub palimparclub

584
585 //smokin'
586 gen smokedever=.
    (47,778 missing values generated)

587 gen smoke_start_age=.
    (47,778 missing values generated)

```

```

588 gen smoke_stop_age=.
    (47,778 missing values generated)

589
590 forvalues i=1(4)5 {
    2.      replace smokedever=smokedreg==1 if wave==`i' & smokedreg>0
    3.      replace smoke_start_age=agesrtsmk if wave==`i' & agesrtsmk>0
    4.      replace smoke_stop_age=agelstsmk if wave==`i' & agelstsmk>0
    5. }
    (8,245 real changes made)
    (3,741 real changes made)
    (3,183 real changes made)
    (8,334 real changes made)
    (1,886 real changes made)
    (1,591 real changes made)

591
592 sort spid wave

593 by spid: carryforward smokedever smoke_start_age smoke_stop_age, replace
    smokedever:  (31199 real changes made)
    smoke_start_age:  (16124 real changes made)
    smoke_stop_age:  (13794 real changes made)

594 notes drop smokedever smoke_start_age smoke_stop_age
    (3 notes dropped)

595 rename smokesnow smokesnow_old

596 gen smokesnow=.
    (47,778 missing values generated)

597 //Numcigever asked differently in rounds 1,5 then in other rounds. (Do you/ Di
    > d you)
598 //Wanted to see the num. of cigs. smoked by non-smokers.
599 by spid, sort: egen numcigsever=max(numcigday) if inlist(wave,1,5) & smokesnow
    > _old==2
    (41599 missing values generated)

600 by spid: carryforward numcigsever if smokesnow_old==2, replace
    numcigsever:  (10823 real changes made)

601 gen numcigsnow=.
    (47,778 missing values generated)

602
603 replace smokesnow=smokesnow_old==1 if smokesnow_old>0
    (47,778 real changes made)

604 replace numcigsnow=numcigday if smokesnow==1
    (2,786 real changes made)

605
606 replace smokedever=1 if smokesnow==1
    (512 real changes made)

607 replace smokesnow=0 if smokedever==0
    (0 real changes made)

608 replace numcigsnow=0 if smokesnow==0
    (44,965 real changes made)

```

```

609
610 label var smokedever "Ever smoked"

611 label var smokesnow "Smokes now"

612 label var numcigsever "Max number of cigarettes/day when smoked for current no
    > n-smokers"

613 label var numcigsnow "Number of cigarettes/day currently"

614 label var smoke_start_age "Age started smoking"

615 label var smoke_stop_age "Age stopped smoking"

616
617 //pain
618 gen ind_pain=.
    (47,778 missing values generated)

619 replace ind_pain=painb==1 if inrange(painb,0,2)
    (42,083 real changes made)

620 label var ind_pain "Bothered by pain"

621
622 //weight
623
624 gen wgt_curr=.
    (47,778 missing values generated)

625 gen height_ft=.
    (47,778 missing values generated)

626 gen height_in=.
    (47,778 missing values generated)

627
628 replace wgt_curr=currweigh if currweigh>0
    (41,141 real changes made)

629 replace height_ft=howtallft if howtallft>0
    (41,490 real changes made)

630 replace height_in=howtallin if howtallin>0
    (37,373 real changes made)

631
632 label var wgt_curr "Current weight, lbs."

633 label var height_ft "Current height, feet"

634 label var height_in "Current height, inches"

635
636 gen bmi=(wgt_curr/((height_ft*12+height_in)^2))*703
    (11,007 missing values generated)

637
638 label var bmi "Current BMI"

```

```

639
640 //get the per round weight, cluster, and strata vars (and why is moved created
> like that?)
641 //gen moved=.
642 rename varunit varunit
    (all newnames==oldnames)

643 rename varstrat varstrat
    (all newnames==oldnames)

644 rename anfinwgt0 anfinwgt

645
646 /*
> forvalues i=2/7 {
>     replace moved=w`i'__moved if wave==`i'
>     foreach x in anfinwgt varstrat varunit {
>         replace `x'=w`i'`x' if wave==`i'
>     }
> drop w`i'__moved w`i'anfinwgt0 w`i'varstrat w`i'varunit
> }
> */
647 label var moved "Moved since last ivw"

648
649 *****
650 /*these are taken from Rebecca's code*/
651
652 gen community_dwelling = 0

653 gen SP_completed = 0

654 forvalues w=1/$w {
    2. replace community_dwelling=1 if inlist(dresid,1,2) & wave==`w'
    3. replace SP_completed=1 if (inlist(dresid,1,2) & wave==1) | (inlist(dresid,1
> ,2,4) & wave==`w')
    4. }
(7,609 real changes made)
(8,077 real changes made)
(5,992 real changes made)
(6,056 real changes made)
(4,803 real changes made)
(4,884 real changes made)
(3,941 real changes made)
(4,037 real changes made)
(7,499 real changes made)
(7,576 real changes made)
(6,309 real changes made)
(6,410 real changes made)
(5,454 real changes made)
(5,566 real changes made)

655
656 gen nhres=dresid==4 if dresid!=. & wave==1
    (39,533 missing values generated)

657 gen rcfres=inlist(dresid,2,3) if dresid!=. & wave==1
    (39,533 missing values generated)

658 gen res_care=dresid>1 if dresid!=. & wave==1
    (39,533 missing values generated)

```



```

659 gen sp_status=1
660 gen deceased=0
661 gen prob_dem=dem_3_cat==1 if !missing(dem_3_cat)
    (5,660 missing values generated)
662 label var prob_dem "Indicator probable dementia"
663
664 forvalues w=2/7 {
    2. replace nhres=inlist(dresid,4,5,8) if wave=="w"
    3. replace res_care=inlist(dresid,2,3,4,5,7,8) if wave=="w"
    4. replace rcfres=inlist(dresid,2,3,7) if wave=="w"
    5. replace deceased=inlist(r`w'status,62,86) if wave>="w"
    6. }
    (7,075 real changes made)
    (7,075 real changes made)
    (7,075 real changes made)
    (503 real changes made)
    (5,799 real changes made)
    (5,799 real changes made)
    (5,799 real changes made)
    (523 real changes made)
    (4,737 real changes made)
    (4,737 real changes made)
    (4,737 real changes made)
    (404 real changes made)
    (8,334 real changes made)
    (8,334 real changes made)
    (8,334 real changes made)
    (296 real changes made)
    (7,276 real changes made)
    (7,276 real changes made)
    (7,276 real changes made)
    (486 real changes made)
    (6,312 real changes made)
    (6,312 real changes made)
    (6,312 real changes made)
    (459 real changes made)

665
666 note nhres : r*dresid
667 notes nhres : Resid=4,5,8
668 notes nhres : E:\nhats\nhats\code\NHATS data setup\NHATS_Setup, step-7 header
669
670
671 replace sp_status=2 if res_care==1
    (5,953 real changes made)

672 replace sp_status=3 if nhres==1
    (2,532 real changes made)

673 replace sp_status=4 if deceased==1
    (2,671 real changes made)

674 label var sp_status "Residential status"

```

```

675 label var nhres "Nursing Home Resident"
676 label var rcfres "Residential Care, excl. NH"
677 label var res_care "Residential Care, incl. NH"
678 label define sp_status 1 "Non-res care community" 2 "Res-care not NH" 3 "NH re
> sident" ///
> 4 "Deceased"
679 label values sp_status sp_status
680
681 //these ADL variables were missing previously
682 gen adl_ins_help = .
(47,778 missing values generated)
683 gen adl_ins_diff=.
(47,778 missing values generated)
684 gen adl_ins_not_done=.
(47,778 missing values generated)
685
686 replace adl_ins_help=1 if insdhlp==1
(5,334 real changes made)
687 replace adl_ins_help=0 if insdhlp==2
(38,745 real changes made)
688 replace adl_ins_help=0 if insdhlp==-1 & sp_ivw==1
(0 real changes made)
689 replace adl_ins_help=-7 if insdhlp==-7
(0 real changes made)
690 replace adl_ins_help=-8 if insdhlp==-8
(0 real changes made)
691 replace adl_ins_diff=0 if insddif==1
(33,656 real changes made)
692 replace adl_ins_diff=1 if insddif>1
(14,122 real changes made)
693 replace adl_ins_diff=0 if insddif==-1 & sp_ivw==1
(0 real changes made)
694 replace adl_ins_diff=-7 if insddif==-7
(0 real changes made)
695 replace adl_ins_diff=-8 if insddif==-8
(0 real changes made)
696 replace adl_ins_not_done=inlist(dinsdsfdf,1,8)
(47,778 real changes made)
697
698
699 *replace adl_ins_dif=1 if adl_ins_help==1

```

```

700 label var adl_ins_help "Received help getting around inside"
701 notes adl_ins_help : mo*insdhlp
702 notes adl_ins_help : " "
703 notes adl_ins_help : E:\nhats\nhats\code\NHATS data setup\NHATS_Setup, step-7
    > header
704
705
706 gen adl_bed_help = .
    (47,778 missing values generated)
707 gen adl_bed_diff=.
    (47,778 missing values generated)
708 gen adl_bed_not_done=.
    (47,778 missing values generated)
709
710 replace adl_bed_help=1 if bedhlp==1
    (4,585 real changes made)
711 replace adl_bed_help=0 if bedhlp==2
    (39,793 real changes made)
712 replace adl_bed_help=0 if bedhlp==-1 & sp_ivw==1
    (0 real changes made)
713 replace adl_bed_help=-7 if bedhlp==-7
    (0 real changes made)
714 replace adl_bed_help=-8 if bedhlp==-8
    (0 real changes made)
715 replace adl_bed_diff=0 if beddif==1
    (32,871 real changes made)
716 replace adl_bed_diff=1 if beddif>1
    (14,907 real changes made)
717 replace adl_bed_diff=0 if beddif==-1 & sp_ivw==1
    (0 real changes made)
718 replace adl_bed_diff=-7 if beddif==-7
    (0 real changes made)
719 replace adl_bed_diff=-8 if beddif==-8
    (0 real changes made)
720 replace adl_bed_not_done=inlist(dbedsfdf,1,8)
    (47,778 real changes made)
721
722 label var adl_bed_help "Received help getting out of bed"
723 *replace adl_bed_diff=1 if adl_bed_help==1
724 notes adl_bed_help : mo*bedhlp

```

```

725 notes adl_bed_help : "_"
726 notes adl_bed_help : E:\nhats\nhats\code\NHATS data setup\NHATS_Setup, step-7
    > header
727
728
729 //construct date of ivw--use 1st of month for all, because only have mo & yr
730
731 merge 1:1 spid wave using `resttrack', keep(match) nogen

      Result                                # of obs.
      -----                                -
      not matched                                0
      matched                                47,778
      -----

732 gen ivw_day=spstatdtdy
733 label define ivw_day 1 "Not provided"
734 label values ivw_day ivw_day
735 gen ivw_month=.
    (47,778 missing values generated)
736 gen ivw_year=.
    (47,778 missing values generated)
737 forvalues w=1/$w {
    2.      replace ivw_month=r`w'spstatdtdtmt if wave==`w'
    3.      replace ivw_month=r`w'fqstatdtdtmt if wave==`w' & r`w'spstatdtdtmt==.
    4.      replace ivw_year=r`w'spstatdtdtyr if wave==`w'
    5.      replace ivw_year=201`w' if wave==`w' & r`w'spstatdtdtyr==.
    6. }
(7,609 real changes made)
(636 real changes made)
(7,609 real changes made)
(636 real changes made)
(6,559 real changes made)
(516 real changes made)
(6,559 real changes made)
(516 real changes made)
(5,407 real changes made)
(392 real changes made)
(5,407 real changes made)
(392 real changes made)
(4,441 real changes made)
(296 real changes made)
(4,441 real changes made)
(296 real changes made)
(7,872 real changes made)
(462 real changes made)
(7,872 real changes made)
(462 real changes made)
(6,896 real changes made)
(380 real changes made)
(6,896 real changes made)
(380 real changes made)
(6,025 real changes made)
(287 real changes made)
(6,025 real changes made)
(287 real changes made)

```

```

738
739 replace ivw_month=r1fqstatdtmt if wave==1 & ivw_month==.
    (0 real changes made)

740 replace ivw_year=r1fqstatdty if wave==1 & ivw_year==.
    (0 real changes made)

741
742
743 gen ivw_date=mdy(ivw_month,ivw_day,ivw_year)
    (2,971 missing values generated)

744 format ivw_date %td

745 label var ivw_date "Interview date from restricted tracker"

746
747 gen ivw_date_sens=mdy(ivw_month,1,ivw_year)

748 format ivw_date_sens %td

749 label var ivw_date "Interview date, day of month set to one"

750
751 /// Changes to Dressing and Eating
    > /*These changes were made because the help variables were not capturing everyo
    > ne
    > who may have been impaired for the ADL*/
752 //changes made 5/20/18
753
754         replace adl_dres_help=1 if dresoft==5
    (418 real changes made)

755         replace adl_eat_help=1 if eatdev==7
    (153 real changes made)

756         replace adl_ins_help=1 if ntlvrmslp==1
    (353 real changes made)

757
758
759 gen adl_index=0

760 foreach i in eat bath toil dres bed ins {
    2. replace adl_index=adl_index+adl_`i'_help if adl_`i'_help>0
    3. }
    (7,395 real changes made, 3,067 to missing)
    (7,116 real changes made, 30 to missing)
    (3,590 real changes made, 110 to missing)
    (8,078 real changes made, 21 to missing)
    (4,823 real changes made, 365 to missing)
    (5,526 real changes made, 21 to missing)

761 *gen adl_index=adl_eat_help+adl_bath_help+adl_toil_help+adl_dres_help+adl_ins_
    > help+adl_bed_help
762 replace adl_index=. if adl_index<0
    (0 real changes made)

763 gen adl_independent=adl_index==0 if adl_index!=.
    (3,614 missing values generated)

```

```

764 gen adl_impair=adl_index>0 if adl_index!=.
    (3,614 missing values generated)

765 gen iadl_index=iadl_laun_help+iadl_shop_help+iadl_bank_help+iadl_meal_help+iad
    > 1_meds_help
    (5,848 missing values generated)

766 replace iadl_index=. if iadl_index<0
    (0 real changes made)

767 gen iadl_independent=iadl_index==0 if iadl_index!=.
    (5,848 missing values generated)

768 gen iadl_impair=iadl_index>0 if iadl_index!=.
    (5,848 missing values generated)

769 foreach x in adl iadl {
    2.     egen `x'_diff_index=rowtotal(`x'*diff)
    3.     gen `x'_diff_ind=`x'_diff_index>=1 if !missing(`x'_diff_index)
    4. }

770 label var adl_independent "Independent in ADLs"

771 label var adl_impair "Help with 1+ ADL"

772 label var adl_index "Index of help w/ ADLs"

773
774 foreach x in independent impair index {
    2.     notes adl_`x' : sc*eathlp sc*bathhlp sc*toilhlp sc*dreshlp
    3.     notes adl_`x' : " "
    4.     notes adl_`x' : E:\nhats\nhats\code\NHATS data setup\NHATS_Setup, s
    > tep-7 header
    5. }

775
776
777 label var iadl_independent "Independent in IADLs"

778 label var iadl_impair "Help with 1+ IADL"

779 label var iadl_index "Index of help w/ IADLs"

780
781 //addition of variables from Eric's homebound code
782 gen meals_wheels=.
    (47,778 missing values generated)

783 gen noone_talk=.
    (47,778 missing values generated)

784 gen restrnt_takeout=.
    (47,778 missing values generated)

785
786
787 replace meals_wheels=dmealwhl
    (601 real changes made)

788 replace noone_talk=noonetalk
    (2,415 real changes made)

```

```

789 replace restrnt_takeout=dmealtkot
    (3,619 real changes made)

790 foreach x in meals_wheels noone_talk restrnt_takeout {
    2. replace `x'=0 if `x'==.
    3. }
    (47,177 real changes made)
    (45,363 real changes made)
    (44,159 real changes made)

791
792
793 label var meals_wheels "Meals on wheels"

794 label var noone_talk "SP has no one to talk to"

795 label var restrnt_takeout "Received help with restaurant/takeout"

796 //pull in date of death, constructed from claims and nhats
797 merge m:1 spid using "E:\nhats\data\NHATS CMS DUA 28016\Merged\Stata\death_dat
    > e.dta", nogen

      Result                                # of obs.
      -----                                -
      not matched                           0
      matched                               47,778
      -----

798
799 gen died_12=mofd(death_date)-mofd(ivw_date)<=12

800 gen died_24=mofd(death_date)-mofd(ivw_date)<=24

801 //note-the following has been superseded by the death date using claims
802 /*
    >
    > //use status to get death
    > gen died_12=.
    > gen died_24=.
    > forvalues i=1/3 {
    > replace died_12=inlist(r`='i'+1'status,62,86) if wave==`i' & r`='i'+1'status!=
    > 79
    > }
    > forvalues i=1/2 {
    > replace died_24=inlist(r`='i'+2'status,62,86) if wave==`i' & !inlist(r`='i'+2'
    > status,79,.)
    > }
    > replace died_24=1 if died_12==1
    >
    > foreach i in 12 24 {
    > label var died_`i' "SP died w/in `i' months, per future wave status"
    > }*/

803
804 //update 8/2/17--pulled in nhats dod to share off server
805
806 //look at death month & year. don't have, so set date to last of month
807 gen dd=.
    (47,778 missing values generated)

808 replace pd2yrdied=pd2yrdied+2010 if pd2yrdied>0
    (998 real changes made)

```

```

809 gen nhats_death_day=.
    (47,778 missing values generated)

810 forvalues w=2/$w {
    2.         foreach j in mth yr {
    3.             replace pd`w'`j'died=. if pd`w'`j'<0
    4.         }
    5.         replace nhats_death_day=31 if inlist(pd`w'm,1,3,5,7,8,10,12)
    6.         replace nhats_death_day=30 if inlist(pd`w'm,4,6,9,11)
    7.         replace nhats_death_day=28 if inlist(pd`w'm,2)
    8.         replace dd=mdy(pd`w'mthdied,nhats_death_day,pd`w'yr died) if pd`w'yr
    > died>0 & pd`w'yr died!=.
    9.     }
    (0 real changes made)
    (0 real changes made)
    (532 real changes made)
    (348 real changes made)
    (94 real changes made)
    (974 real changes made)
    (0 real changes made)
    (0 real changes made)
    (888 real changes made)
    (486 real changes made)
    (129 real changes made)
    (1,503 real changes made)
    (0 real changes made)
    (0 real changes made)
    (1,020 real changes made)
    (484 real changes made)
    (84 real changes made)
    (1,580 real changes made)
    (0 real changes made)
    (0 real changes made)
    (880 real changes made)
    (430 real changes made)
    (140 real changes made)
    (1,450 real changes made)
    (0 real changes made)
    (0 real changes made)
    (1,204 real changes made)
    (670 real changes made)
    (156 real changes made)
    (2,024 real changes made)
    (0 real changes made)
    (0 real changes made)
    (1,498 real changes made)
    (677 real changes made)
    (238 real changes made)
    (2,399 real changes made)

811
812 by spid, sort: egen nhats_death_date=max(dd)
    (37848 missing values generated)

813 label var nhats_death_date "Sensitive: SP death date, from NHATS (day imputed)
    > "

814 format nhats_death_date %td

815 gen nhats_death_month=month(nhats_death_date)
    (37,848 missing values generated)

```



```

816 gen nhats_death_year=year(nhats_death_date)
    (37,848 missing values generated)

817 foreach x in month year {
    2. label var nhats_death_`x' "Sensitive: SP death `x', from NHATS"
    3. }

818
819 drop dd

820
821
822 gen eligible_nsoc=flldnsoc==1

823 gen completed_nsoc=flldnsoccomp>0 if flldnsoccomp!=.
    (37,686 missing values generated)

824 gen total_caregiver_comp=flldnsoccomp if flldnsoccomp>0 & flldnsoccomp!=.
    (41,834 missing values generated)

825 gen total_caregiver_elig=flldnsoccnt if flldnsoccnt>0 & flldnsoccnt!=.
    (37,686 missing values generated)

826 label var eligible "Sensitive: Eligible for NSOC interview, wave 1 tracker"

827 label var complete "Sensitive: Completed Interview"

828 label var total_caregiver_comp "Sensitive: Total Caregivers that Completed Int
    > ertatus

829
830 //adverse consequences of unmet need
831
832 gen adverse=0

833 forvalues w=1/$w {
    2. foreach x of varlist launwout shopwout mealwout bankwout eatwout ba
    > thwout toilwout dreswout {
    3. replace adverse=1 if `x'==1 & wave==`w'
    4. }
    5. }
    (71 real changes made)
    (94 real changes made)
    (105 real changes made)
    (45 real changes made)
    (8 real changes made)
    (124 real changes made)
    (267 real changes made)
    (40 real changes made)
    (57 real changes made)
    (78 real changes made)
    (91 real changes made)
    (35 real changes made)
    (9 real changes made)
    (74 real changes made)
    (228 real changes made)
    (36 real changes made)
    (35 real changes made)
    (71 real changes made)
    (62 real changes made)
    (21 real changes made)
    (2 real changes made)
    (76 real changes made)
    (205 real changes made)
    (17 real changes made)
    (20 real changes made)
    (56 real changes made)
    (60 real changes made)
    (29 real changes made)
    (7 real changes made)
    (63 real changes made)
    (192 real changes made)

```

```

(16 real changes made)
(49 real changes made)
(110 real changes made)
(129 real changes made)
(54 real changes made)
(21 real changes made)
(112 real changes made)
(264 real changes made)
(33 real changes made)
(41 real changes made)
(102 real changes made)
(99 real changes made)
(42 real changes made)
(9 real changes made)
(114 real changes made)
(280 real changes made)
(30 real changes made)
(40 real changes made)
(70 real changes made)
(90 real changes made)
(38 real changes made)
(9 real changes made)
(92 real changes made)
(220 real changes made)
(30 real changes made)

```

```
834 label var adverse "Any adverse consequence of unmet need (excluding mobility)"
```

```
835
```

```
836 local ha laun shop meal bank
```

```
837 local sc eat bath toil dres
```

```
838 local mo out insd bed
```

```
839
```

```
840 forvalues w=1/7{
    2.     foreach x in `ha'{
    3.         capture gen adverse_`x'=0
    4.         replace adverse_`x'=1 if `x'wout==1 & wave==`w'
    5.     }

```

```
841 }
```

```

    6. }
(71 real changes made)
(116 real changes made)
(153 real changes made)
(76 real changes made)
(57 real changes made)
(95 real changes made)
(129 real changes made)
(59 real changes made)
(35 real changes made)
(84 real changes made)
(95 real changes made)
(36 real changes made)
(20 real changes made)
(63 real changes made)
(80 real changes made)
(42 real changes made)
(49 real changes made)
(127 real changes made)
(176 real changes made)
(93 real changes made)
(41 real changes made)
(112 real changes made)
(133 real changes made)
(65 real changes made)
(40 real changes made)
(84 real changes made)
(122 real changes made)
(52 real changes made)

```

842

```

843 forvalues w=1/$w{
    2.         foreach x in `sc'{
    3.             capture gen adverse_`x'=0
    4.             replace adverse_`x'=1 if `x'wout==1 & wave==`w'
    5.         }
    6. }
(21 real changes made)
(176 real changes made)
(369 real changes made)
(122 real changes made)
(19 real changes made)
(109 real changes made)
(298 real changes made)
(94 real changes made)
(6 real changes made)
(104 real changes made)
(273 real changes made)
(59 real changes made)
(7 real changes made)
(94 real changes made)
(241 real changes made)
(63 real changes made)
(34 real changes made)
(163 real changes made)
(383 real changes made)
(126 real changes made)
(17 real changes made)
(160 real changes made)
(360 real changes made)
(111 real changes made)
(14 real changes made)
(128 real changes made)
(290 real changes made)
(97 real changes made)

```

844

```

845 forvalues w=1/$w {
    2.         foreach x in `mo'{
    3.             capture gen adverse_`x'=0
    4.             replace adverse_`x'=1 if `x'wout==1 & wave==`w'
    5.         }
    6. }
(507 real changes made)
(464 real changes made)
(205 real changes made)
(342 real changes made)
(375 real changes made)
(142 real changes made)
(285 real changes made)
(301 real changes made)
(139 real changes made)
(247 real changes made)
(232 real changes made)
(88 real changes made)
(468 real changes made)
(430 real changes made)
(165 real changes made)
(417 real changes made)
(366 real changes made)
(161 real changes made)
(371 real changes made)
(329 real changes made)
(137 real changes made)

```

```

846
847 label var adverse_laun "Ever go w/o clean laundry"
848 label var adverse_shop "Ever go w/o groceries/personal items"
849 label var adverse_meal "Ever go w/o hot meal"
850 label var adverse_bank "Ever go w/o handling bills and banking matters"
851 label var adverse_eat "Ever go w/o eating"
852 label var adverse_bath "Ever go w/o showering/bath/washup"
853 label var adverse_toil "Ever go w/o using toilet"
854 label var adverse_dres "Ever go w/o getting dressed"
855 label var adverse_out "Ever go w/o going outside; stayed inside"
856 label var adverse_insd "Ever go w/o moving inside b/c unmet need"
857 label var adverse_bed "Ever go w/o leaving bed"

858
859 //limited favorite activity
860 capture drop lim_fav

861 gen lim_fav=.
    (47,778 missing values generated)

862
863 forvalues w=1/5 {
    2.         replace lim_fav=helmfvact==1 if helmfvact>=0 & wave==`w'
    3. }
    (8,245 real changes made)
    (7,075 real changes made)
    (5,799 real changes made)
    (4,737 real changes made)
    (8,334 real changes made)

864 label var lim_fav "Last month ever kept from favorite activity by health/funct
    > ion"

865
866
867 capture drop lim_fav_yr

868 ////NEW limited favorite activity
    > gen lim_fav_yr=.
    (47,778 missing values generated)

869 forvalues w=6/7 {
    2.         replace lim_fav_yr=fvactlimyr==1 if fvactlimyr>=0 & wave==`w'
    3. }
    (7,276 real changes made)
    (6,312 real changes made)

870
871 label var lim_fav_yr "Last year ever kept from favorite activity by health/fun
    > ction"

```

```

872
873
874 //social cohesion
875 gen cohesion_knowwell=.
    (47,778 missing values generated)

876 gen cohesion_willnghlp=.
    (47,778 missing values generated)

877 gen cohesion_peoptrstd=.
    (47,778 missing values generated)

878
879 forvalues w=1/$w {
    2.         foreach x in knowwell willnghlp peoptrstd {
    3.             replace cohesion_`x'=`x' if !missing(`x') & wave==`w'
    4.         }
    5.     }
    (7,464 real changes made)
    (7,392 real changes made)
    (7,267 real changes made)
    (5,941 real changes made)
    (5,871 real changes made)
    (5,768 real changes made)
    (4,751 real changes made)
    (4,707 real changes made)
    (4,605 real changes made)
    (3,946 real changes made)
    (3,900 real changes made)
    (3,815 real changes made)
    (7,401 real changes made)
    (7,303 real changes made)
    (7,158 real changes made)
    (6,273 real changes made)
    (6,182 real changes made)
    (6,090 real changes made)
    (5,464 real changes made)
    (5,386 real changes made)
    (5,277 real changes made)

880 rename cohesion_willnghlp cohesion_willing

881 rename cohesion_peoptrstd cohesion_peop

882
883 gen cohesion=(cohesion_p+cohesion_k+cohesion_w==3) ///
    > if !missing(cohesion_k) | !missing(cohesion_w) | !missing(cohesion_p)
    (5,935 missing values generated)

884
885 label var cohesion_knowwell "People know each other well in the community"

886 label var cohesion_w "People are willing to help each other in the community"

887 label var cohesion_p "People can be trusted in the community"

888 label define cohesion_1 "Agree a lot" 2 "Agree a little" 3 "Do not agree"

889 label values cohesion_* cohesion_

```

890 label var cohesion "High community cohesion (Highest on all 3 statements)"

891

892 gen home_disorder_insd=.
(47,778 missing values generated)

893 gen home_disorder_outsd=.
(47,778 missing values generated)

894 gen home_disorder_area=.
(47,778 missing values generated)

895 gen home_disorder_clutter=.
(47,778 missing values generated)

896

897 foreach x of varlist condhome* {
 2. replace `x'=. if `x'==7
 3. replace `x'=0 if `x'==2
 4. }
(786 real changes made, 786 to missing)
(40,243 real changes made)
(1,169 real changes made, 1,169 to missing)
(39,552 real changes made)
(938 real changes made, 938 to missing)
(39,448 real changes made)
(7,921 real changes made, 7,921 to missing)
(33,473 real changes made)
(802 real changes made, 802 to missing)
(34,426 real changes made)
(1,015 real changes made, 1,015 to missing)
(21,538 real changes made)

898 foreach x of varlist areacond* {
 2. replace `x'=. if `x'==5
 3. replace `x'=0 if `x'==1
 4. replace `x'=`x'>1 if !missing(`x')
 5. }
(713 real changes made, 713 to missing)
(37,881 real changes made)
(3,816 real changes made)
(705 real changes made, 705 to missing)
(40,610 real changes made)
(1,095 real changes made)
(772 real changes made, 772 to missing)
(39,033 real changes made)
(2,605 real changes made)
(0 real changes made)
(7,353 real changes made)
(245 real changes made)

899 foreach x of varlist clutter* {
 2. replace `x'=. if `x'==4
 3. replace `x'=0 if `x'==1
 4. replace `x'=`x'>1 if !missing(`x')
 5. }
(0 real changes made)
(28,564 real changes made)
(10,337 real changes made)
(5,167 real changes made, 5,167 to missing)
(25,760 real changes made)
(7,974 real changes made)

```

900 foreach x of varlist condihom* {
    2. replace `x'=`x'==1 if !missing(`x')
    3. }
    (37,536 real changes made)
    (38,085 real changes made)
    (38,037 real changes made)
    (37,226 real changes made)
    (35,119 real changes made)

901 /*
    > //forvalues w=1/$w{
    >     foreach x of varlist condihom* condhome* areacond* clutter* {
    >         replace `x'=. if `x' & wave==`w'
    >         qui sum `x'
    >         if r(max)==2 replace `x'=`x'==1 if !missing(`x') & wave==`w'
    >         if inlist(r(max),3,4) replace `x'=`x'>1 if !missing(`x') & wav
    >     e==`w'
    > }
    > */

902     egen insd=rowtotal(condihom*), m
    (8877 missing values generated)

903     egen outsd=rowtotal(condhome*), m
    (6069 missing values generated)

904     egen area=rowtotal(areacond*), m
    (6056 missing values generated)

905     egen clutter=rowtotal(clutter*), m
    (8877 missing values generated)

906
907
908     foreach x in insd outsd area clutter {
    2.         replace home_disorder_`x'=`x'>=1 if !missing(`x')
    3.         drop `x'
    4. }
    (38,901 real changes made)
    (41,709 real changes made)
    (41,722 real changes made)
    (38,901 real changes made)

909
910
911 label var home_disorder_insd "Disorder in home (peelng paint, pests, brkn furn
    > iture or floorbrds, trippng hazards)"
    note: label truncated to 80 characters

912 label var home_disorder_outsd "Disorder outside (brkn windows, foundation, bri
    > cks/siding, roof, steps)"

913 label var home_disorder_clutter "Disorder in home (clutter in interview or oth
    > er rooms)"

914 label var home_disorder_area "Disorder in immed area (litter/glass/graffiti/va
    > cant houses/stores/foreclosures)"

915
916 //rename finhlpfam finhlpfam_old
917 //rename fingftfam fingftfam_old

```

[illegible]


```

929 gen fingftfam_n= fingftfam==1 if !missing(finhlpfam)
    (7,087 missing values generated)

930 replace govtasst=progneed1==1 | progneed2==1 | progneed3==1 if !missing(progne
    > ed1) ///
    > | !missing(progneed2) | !missing(progneed3)
    (40,842 real changes made)

931
932
933 replace medpaynotcash=medbillsovertime==1 | medcreditdebt==1 if !missing(medbi
    > llsovertime) | !missing(medcreditdebt)
    (0 real changes made)

934
935 label var creditdebt "Has credit card debt or does not pay off in full monthly
    > "

936 label var medpaynotcash "Has medical credit card debt or pays bills over time"

937 label var govtasst "Receives foodstamps or other food or gas/energy assistance
    > "

938
939 drop finhlpfam fingftfam

940 rename finhlpfam_n finhlpfam

941 rename fingftfam_n fingftfam

942 //home ownership
943
944 local homevars ownhome rent mortgagepaidoff paysmortgage /*mortpaymt*/ ///
    > timeinmort owedonmort homevalue_n rentpaid section8

945
946 foreach x of local homevars {
    2.      gen `x'=.
    3. }
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)

947
948 label var ownhome "SP owns home"

949 label var rent "SP rents"

950 label var mortgagepaidoff "Mortgage is paid off"

951 label var mortpaymt "Mortgage payment"

952 label define mortpaymt 1 "<$250" 2 "$250-499" 3 "$500-999" 4 "$1000+"

```

```

953 label values mortpaymt mortpaymt
954 label var timeinmort "Time left in mortgage"
955 label define timeinmort 1 "5 years" 2 "10 years" 3 "Longer than 10 years"
956 label values timeinmort timeinmort
957 label var owedonmort "Amount left on mortgage"
958 label define owedonmort 1 "<$50,000" 2 "$50,000-99,999.99" 3 "$100,000+"
959 label values owedonmort owedonmort
960 label var homevalue "Home value"
961 label define homevalue_n 1 "<$50K" 2 "50-75K" 3 "75-100K" 4 "100-200K" 5 "200-
> 300K" ///
> 6 "300-500K" 7 "500-750K" 8 "$750K+"
962 label values homevalue_n homevalue_n
963
964 forvalues w=1/$w {
    2. tab ownrentot
    3. replace ownhome=ownrentot==1 if wave==`w' & (!missing(ownrento) | res_care=
> =1)
    4. replace rent=ownrentot==2 if wave==`w' & (!missing(ownrento) | res_care==1)
    5. tab mrtpadoff
    6. replace mortgagepaidoff=mrtpadoff==1 if !missing(mrtpadoff)
    7. replace paysmortgage=mrtpadoff==2 if !missing(mrtpadoff)
    8. tab mortpaymt
    9. replace mortpaymt= mortpaymt if wave==`w'
    10. qui replace mortpaymt=1 if wave==`w' & mthlymort<250
    11. qui replace mortpaymt=2 if wave==`w' & mthlymort>=250 & mthlymort<=499
    12. qui replace mortpaymt=3 if wave==`w' & mthlymort>=500 & mthlymort<1000
    13. qui replace mortpaymt=4 if wave==`w' & mthlymort>=1000 & !missing(mthlymort
> )
    14. tab whnpayoff
    15. replace timeinmort=whnpayoff if wave==`w'
    16. tab amoutowed
    17. replace owedonmort=amoutowed if wave==`w'
    18. qui replace owedonmort=1 if wave==`w' & amtstlowe<50000
    19. qui replace owedonmort=2 if wave==`w' & amtstlowe>=50000 & amtstlowe<=100000
> 0
    20. qui replace owedonmort=3 if wave==`w' & amtstlowe>=100000 & !missing(amtstl
> owe)
    21. tab homvalamt
    22. replace homevalue_n= homvalamt if wave==`w'
    23. qui replace homevalue_n=1 if wave==`w' & homevalue<50000 & homevalue>=0
    24. qui replace homevalue_n=2 if wave==`w' & homevalue>=50000 & homevalue<75000
    25. qui replace homevalue_n=3 if wave==`w' & homevalue>=75000 & homevalue<10000
> 0
    26. qui replace homevalue_n=4 if wave==`w' & homevalue>=100000 & homevalue<2000
> 00
    27. qui replace homevalue_n=5 if wave==`w' & homevalue>=200000 & homevalue<3000
> 00
    28. qui replace homevalue_n=6 if wave==`w' & homevalue>=300000 & homevalue<5000
> 00
    29. qui replace homevalue_n=7 if wave==`w' & homevalue>=500000 & homevalue<7500
> 00
    30. qui replace homevalue_n=8 if wave==`w' & homevalue>=750000 & !missing(homev
> alue)
    31.

```

965 tab rentamou

```

32. replace rentpaid =rentamou if wave=='w'
33. qui replace rentpaid=1 if wave=='w' & rentamt<250 & rentamt>=0
34. qui replace rentpaid=2 if wave=='w' & rentamt>=250 & rentamt<=499
35. qui replace rentpaid=3 if wave=='w' & rentamt>=500 & rentamt<1000
36. qui replace rentpaid=4 if wave=='w' & rentamt>=1000 & !missing(rentamt)
37. qui replace rentpaid=4 if inlist(rentpaid,5,6)
38. replace mortpaymt=4 if inlist(mortpaymt,5,6)
39. tab sec8pubsn
40. replace section8=sec8pubsn==1 if wave=='w' & (!missing(sec8pubsn) |ownhome=
> =1 | rent==1)
41. }

```

R1 HP1 OWN RENT OR OTHER	Freq.	Percent	Cum.
1 OWN	28,695	72.06	72.06
2 RENT	7,256	18.22	90.28
3 SOME OTHER ARRANGEMENT	3,870	9.72	100.00
Total	39,821	100.00	

(8,130 real changes made)

(8,130 real changes made)

R1 HP2 MORTGAGE PAID OFF	Freq.	Percent	Cum.
1 PAID OFF	19,909	70.02	70.02
2 STILL MAKE PAYMENTS	8,119	28.55	98.58
3 REVERSE MORTGAGE	405	1.42	100.00
Total	28,433	100.00	

(28,433 real changes made)

(28,433 real changes made)

Mortgage payment	Freq.	Percent	Cum.
<\$250	19	5.60	5.60
\$250-499	76	22.42	28.02
\$500-999	125	36.87	64.90
\$1000+	111	32.74	97.64
5	3	0.88	98.53
6	5	1.47	100.00
Total	339	100.00	

(0 real changes made)

R1 HP3B WHEN EXPCT PAY OFF MORTG	Freq.	Percent	Cum.
1 5 YEARS	2,065	26.98	26.98
2 10 YEARS	1,535	20.06	47.04
3 LONGER THAN 10 YEARS	4,053	52.96	100.00
Total	7,653	100.00	

(1,365 real changes made)

R1 HP3D THE AMOUNT OWED IS	Freq.	Percent	Cum.
1 less than \$50,000,	391	47.11	47.11
2 between \$50,000 and \$100,000, or	260	31.33	78.43
3 over \$100,000?	179	21.57	100.00
Total	830	100.00	

(115 real changes made)

R1 HP4A HOME VALUE AMOUNT	Freq.	Percent	Cum.
1 less than \$50,000,	397	14.55	14.55
2 \$50,000-\$74,999,	449	16.46	31.01
3 \$75,000-\$99,999,	447	16.39	47.40
4 \$100,000-\$199,999,	697	25.55	72.95
5 \$200,000-\$299,999,	328	12.02	84.97
6 \$300,000-\$499,999,	239	8.76	93.73
7 \$500,000-\$749,999, or	99	3.63	97.36
8 \$750,000 or more?	72	2.64	100.00
Total	2,728	100.00	

(496 real changes made)

R1 HP6A RENT AMOUNT	Freq.	Percent	Cum.
1 less than \$250,	26	8.31	8.31
2 \$250-\$499,	76	24.28	32.59
3 \$500-\$999, or	81	25.88	58.47
4 \$1,000 or more?	68	21.73	80.19
5	37	11.82	92.01
6	25	7.99	100.00
Total	313	100.00	

(20 real changes made)
(8 real changes made)

R1 HP7 HME SEC 8 PUBL SENOR HOUS	Freq.	Percent	Cum.
1 YES	1,933	42.61	42.61
2 NO	2,604	57.39	100.00
Total	4,537	100.00	

(6,492 real changes made)

R1 HP1 OWN RENT OR OTHER	Freq.	Percent	Cum.
1 OWN	28,695	72.06	72.06
2 RENT	7,256	18.22	90.28
3 SOME OTHER ARRANGEMENT	3,870	9.72	100.00
Total	39,821	100.00	

(6,538 real changes made)
(6,538 real changes made)

R1 HP2 MORTGAGE PAID OFF	Freq.	Percent	Cum.
1 PAID OFF	19,909	70.02	70.02
2 STILL MAKE PAYMENTS	8,119	28.55	98.58
3 REVERSE MORTGAGE	405	1.42	100.00
Total	28,433	100.00	

(0 real changes made)
(0 real changes made)

Mortgage payment	Freq.	Percent	Cum.
<\$250	79	4.90	4.90
\$250-499	316	19.60	24.50
\$500-999	624	38.71	63.21
\$1000+	593	36.79	100.00
Total	1,612	100.00	

(0 real changes made)

R1 HP3B WHEN EXPCT PAY OFF MORTG	Freq.	Percent	Cum.
1 5 YEARS	2,065	26.98	26.98
2 10 YEARS	1,535	20.06	47.04
3 LONGER THAN 10 YEARS	4,053	52.96	100.00
Total	7,653	100.00	

(1,088 real changes made)

R1 HP3D THE AMOUNT OWED IS	Freq.	Percent	Cum.
1 less than \$50,000,	391	47.11	47.11
2 between \$50,000 and \$100,000, or	260	31.33	78.43
3 over \$100,000?	179	21.57	100.00
Total	830	100.00	

(132 real changes made)

R1 HP4A HOME VALUE AMOUNT	Freq.	Percent	Cum.
1 less than \$50,000,	397	14.55	14.55
2 \$50,000-\$74,999,	449	16.46	31.01
3 \$75,000-\$99,999,	447	16.39	47.40
4 \$100,000-\$199,999,	697	25.55	72.95
5 \$200,000-\$299,999,	328	12.02	84.97
6 \$300,000-\$499,999,	239	8.76	93.73
7 \$500,000-\$749,999, or	99	3.63	97.36
8 \$750,000 or more?	72	2.64	100.00
Total	2,728	100.00	

(403 real changes made)

R1 HP6A RENT AMOUNT	Freq.	Percent	Cum.
1 less than \$250,	26	8.31	8.31
2 \$250-\$499,	76	24.28	32.59
3 \$500-\$999, or	81	25.88	58.47
4 \$1,000 or more?	68	21.73	80.19
5	37	11.82	92.01
6	25	7.99	100.00
Total	313	100.00	

(18 real changes made)
(0 real changes made)

R1 HP7 HME SEC 8 PUBL SENOR HOUS	Freq.	Percent	Cum.
1 YES	1,933	42.61	42.61
2 NO	2,604	57.39	100.00
Total	4,537	100.00	

(5,130 real changes made)

R1 HP1 OWN RENT OR OTHER	Freq.	Percent	Cum.
1 OWN	28,695	72.06	72.06
2 RENT	7,256	18.22	90.28
3 SOME OTHER ARRANGEMENT	3,870	9.72	100.00
Total	39,821	100.00	

(5,176 real changes made)
(5,176 real changes made)

R1 HP2 MORTGAGE PAID OFF	Freq.	Percent	Cum.
1 PAID OFF	19,909	70.02	70.02
2 STILL MAKE PAYMENTS	8,119	28.55	98.58
3 REVERSE MORTGAGE	405	1.42	100.00
Total	28,433	100.00	

(0 real changes made)

(0 real changes made)

Mortgage payment	Freq.	Percent	Cum.
<\$250	124	4.72	4.72
\$250-499	500	19.03	23.74
\$500-999	1,036	39.42	63.17
\$1000+	968	36.83	100.00
Total	2,628	100.00	

(0 real changes made)

R1 HP3B WHEN EXPCT PAY OFF MORTG	Freq.	Percent	Cum.
1 5 YEARS	2,065	26.98	26.98
2 10 YEARS	1,535	20.06	47.04
3 LONGER THAN 10 YEARS	4,053	52.96	100.00
Total	7,653	100.00	

(862 real changes made)

R1 HP3D THE AMOUNT OWED IS	Freq.	Percent	Cum.
1 less than \$50,000,	391	47.11	47.11
2 between \$50,000 and \$100,000, or	260	31.33	78.43
3 over \$100,000?	179	21.57	100.00
Total	830	100.00	

(89 real changes made)

R1 HP4A HOME VALUE AMOUNT	Freq.	Percent	Cum.
1 less than \$50,000,	397	14.55	14.55
2 \$50,000-\$74,999,	449	16.46	31.01
3 \$75,000-\$99,999,	447	16.39	47.40
4 \$100,000-\$199,999,	697	25.55	72.95
5 \$200,000-\$299,999,	328	12.02	84.97
6 \$300,000-\$499,999,	239	8.76	93.73
7 \$500,000-\$749,999, or	99	3.63	97.36
8 \$750,000 or more?	72	2.64	100.00
Total	2,728	100.00	

(354 real changes made)

R1 HP6A RENT AMOUNT	Freq.	Percent	Cum.
1 less than \$250,	26	8.31	8.31
2 \$250-\$499,	76	24.28	32.59
3 \$500-\$999, or	81	25.88	58.47
4 \$1,000 or more?	68	21.73	80.19
5	37	11.82	92.01
6	25	7.99	100.00
Total	313	100.00	

(16 real changes made)

(0 real changes made)

R1 HP7 HME SEC			
8 PUBL SENOR			
HOUS	Freq.	Percent	Cum.
1 YES	1,933	42.61	42.61
2 NO	2,604	57.39	100.00
Total	4,537	100.00	

(4,035 real changes made)

R1 HP1 OWN RENT OR OTHER			
1 OWN	28,695	72.06	72.06
2 RENT	7,256	18.22	90.28
3 SOME OTHER ARRANGEMENT	3,870	9.72	100.00
Total	39,821	100.00	

(4,207 real changes made)

(4,207 real changes made)

R1 HP2 MORTGAGE PAID			
OFF	Freq.	Percent	Cum.
1 PAID OFF	19,909	70.02	70.02
2 STILL MAKE PAYMENTS	8,119	28.55	98.58
3 REVERSE MORTGAGE	405	1.42	100.00
Total	28,433	100.00	

(0 real changes made)

(0 real changes made)

Mortgage			
payment	Freq.	Percent	Cum.
<\$250	165	4.78	4.78
\$250-499	660	19.14	23.92
\$500-999	1,351	39.17	63.09
\$1000+	1,273	36.91	100.00
Total	3,449	100.00	

(0 real changes made)

R1 HP3B WHEN EXPCT PAY			
OFF MORTG	Freq.	Percent	Cum.
1 5 YEARS	2,065	26.98	26.98
2 10 YEARS	1,535	20.06	47.04
3 LONGER THAN 10 YEARS	4,053	52.96	100.00
Total	7,653	100.00	

(668 real changes made)

R1 HP3D THE AMOUNT OWED IS			
	Freq.	Percent	Cum.
1 less than \$50,000,	391	47.11	47.11
2 between \$50,000 and \$100,000, or	260	31.33	78.43
3 over \$100,000?	179	21.57	100.00
Total	830	100.00	

(68 real changes made)

R1 HP4A HOME VALUE AMOUNT	Freq.	Percent	Cum.
1 less than \$50,000,	397	14.55	14.55
2 \$50,000-\$74,999,	449	16.46	31.01
3 \$75,000-\$99,999,	447	16.39	47.40
4 \$100,000-\$199,999,	697	25.55	72.95
5 \$200,000-\$299,999,	328	12.02	84.97
6 \$300,000-\$499,999,	239	8.76	93.73
7 \$500,000-\$749,999, or	99	3.63	97.36
8 \$750,000 or more?	72	2.64	100.00
Total	2,728	100.00	

(278 real changes made)

R1 HP6A RENT AMOUNT	Freq.	Percent	Cum.
1 less than \$250,	26	8.31	8.31
2 \$250-\$499,	76	24.28	32.59
3 \$500-\$999, or	81	25.88	58.47
4 \$1,000 or more?	68	21.73	80.19
5	37	11.82	92.01
6	25	7.99	100.00
Total	313	100.00	

(11 real changes made)
(0 real changes made)

R1 HP7 HME SEC 8 PUBL SENOR HOUS	Freq.	Percent	Cum.
1 YES	1,933	42.61	42.61
2 NO	2,604	57.39	100.00
Total	4,537	100.00	

(3,258 real changes made)

R1 HP1 OWN RENT OR OTHER	Freq.	Percent	Cum.
1 OWN	28,695	72.06	72.06
2 RENT	7,256	18.22	90.28
3 SOME OTHER ARRANGEMENT	3,870	9.72	100.00
Total	39,821	100.00	

(7,818 real changes made)
(7,818 real changes made)

R1 HP2 MORTGAGE PAID OFF	Freq.	Percent	Cum.
1 PAID OFF	19,909	70.02	70.02
2 STILL MAKE PAYMENTS	8,119	28.55	98.58
3 REVERSE MORTGAGE	405	1.42	100.00
Total	28,433	100.00	

(0 real changes made)
(0 real changes made)

Mortgage payment	Freq.	Percent	Cum.
<\$250	191	4.69	4.69
\$250-499	786	19.30	23.99
\$500-999	1,584	38.89	62.88
\$1000+	1,512	37.12	100.00
Total	4,073	100.00	

(0 real changes made)

R1 HP3B WHEN EXPCT PAY OFF MORTG	Freq.	Percent	Cum.
1 5 YEARS	2,065	26.98	26.98
2 10 YEARS	1,535	20.06	47.04
3 LONGER THAN 10 YEARS	4,053	52.96	100.00
Total	7,653	100.00	

(1,453 real changes made)

R1 HP3D THE AMOUNT OWED IS	Freq.	Percent	Cum.
1 less than \$50,000,	391	47.11	47.11
2 between \$50,000 and \$100,000, or	260	31.33	78.43
3 over \$100,000?	179	21.57	100.00
Total	830	100.00	

(191 real changes made)

R1 HP4A HOME VALUE AMOUNT	Freq.	Percent	Cum.
1 less than \$50,000,	397	14.55	14.55
2 \$50,000-\$74,999,	449	16.46	31.01
3 \$75,000-\$99,999,	447	16.39	47.40
4 \$100,000-\$199,999,	697	25.55	72.95
5 \$200,000-\$299,999,	328	12.02	84.97
6 \$300,000-\$499,999,	239	8.76	93.73
7 \$500,000-\$749,999, or	99	3.63	97.36
8 \$750,000 or more?	72	2.64	100.00
Total	2,728	100.00	

(509 real changes made)

R1 HP6A RENT AMOUNT	Freq.	Percent	Cum.
1 less than \$250,	26	8.31	8.31
2 \$250-\$499,	76	24.28	32.59
3 \$500-\$999, or	81	25.88	58.47
4 \$1,000 or more?	68	21.73	80.19
5	37	11.82	92.01
6	25	7.99	100.00
Total	313	100.00	

(87 real changes made)
(0 real changes made)

R1 HP7 HME SEC 8 PUBL SENOR HOUS	Freq.	Percent	Cum.
1 YES	1,933	42.61	42.61
2 NO	2,604	57.39	100.00
Total	4,537	100.00	

(6,829 real changes made)

R1 HP1 OWN RENT OR OTHER	Freq.	Percent	Cum.
1 OWN	28,695	72.06	72.06
2 RENT	7,256	18.22	90.28
3 SOME OTHER ARRANGEMENT	3,870	9.72	100.00
Total	39,821	100.00	

(6,719 real changes made)
(6,719 real changes made)

R1 HP2 MORTGAGE PAID OFF	Freq.	Percent	Cum.
1 PAID OFF	19,909	70.02	70.02
2 STILL MAKE PAYMENTS	8,119	28.55	98.58
3 REVERSE MORTGAGE	405	1.42	100.00
Total	28,433	100.00	

(0 real changes made)

(0 real changes made)

Mortgage payment	Freq.	Percent	Cum.
<\$250	254	4.69	4.69
\$250-499	990	18.27	22.95
\$500-999	2,133	39.35	62.31
\$1000+	2,043	37.69	100.00
Total	5,420	100.00	

(0 real changes made)

R1 HP3B WHEN EXPCT PAY OFF MORTG	Freq.	Percent	Cum.
1 5 YEARS	2,065	26.98	26.98
2 10 YEARS	1,535	20.06	47.04
3 LONGER THAN 10 YEARS	4,053	52.96	100.00
Total	7,653	100.00	

(1,208 real changes made)

R1 HP3D THE AMOUNT OWED IS	Freq.	Percent	Cum.
1 less than \$50,000,	391	47.11	47.11
2 between \$50,000 and \$100,000, or	260	31.33	78.43
3 over \$100,000?	179	21.57	100.00
Total	830	100.00	

(121 real changes made)

R1 HP4A HOME VALUE AMOUNT	Freq.	Percent	Cum.
1 less than \$50,000,	397	14.55	14.55
2 \$50,000-\$74,999,	449	16.46	31.01
3 \$75,000-\$99,999,	447	16.39	47.40
4 \$100,000-\$199,999,	697	25.55	72.95
5 \$200,000-\$299,999,	328	12.02	84.97
6 \$300,000-\$499,999,	239	8.76	93.73
7 \$500,000-\$749,999, or	99	3.63	97.36
8 \$750,000 or more?	72	2.64	100.00
Total	2,728	100.00	

(376 real changes made)

R1 HP6A RENT AMOUNT	Freq.	Percent	Cum.
1 less than \$250,	26	8.31	8.31
2 \$250-\$499,	76	24.28	32.59
3 \$500-\$999, or	81	25.88	58.47
4 \$1,000 or more?	68	21.73	80.19
5	37	11.82	92.01
6	25	7.99	100.00
Total	313	100.00	

(79 real changes made)

(0 real changes made)

R1 HP7 HME SEC			
8 PUBL SENOR			
HOUS	Freq.	Percent	Cum.
1 YES	1,933	42.61	42.61
2 NO	2,604	57.39	100.00
Total	4,537	100.00	

(5,895 real changes made)

R1 HP1 OWN RENT OR OTHER			
1 OWN	28,695	72.06	72.06
2 RENT	7,256	18.22	90.28
3 SOME OTHER ARRANGEMENT	3,870	9.72	100.00
Total	39,821	100.00	

(5,807 real changes made)

(5,807 real changes made)

R1 HP2 MORTGAGE PAID			
OFF	Freq.	Percent	Cum.
1 PAID OFF	19,909	70.02	70.02
2 STILL MAKE PAYMENTS	8,119	28.55	98.58
3 REVERSE MORTGAGE	405	1.42	100.00
Total	28,433	100.00	

(0 real changes made)

(0 real changes made)

Mortgage			
payment	Freq.	Percent	Cum.
<\$250	304	4.63	4.63
\$250-499	1,169	17.79	22.41
\$500-999	2,583	39.30	61.72
\$1000+	2,516	38.28	100.00
Total	6,572	100.00	

(0 real changes made)

R1 HP3B WHEN EXPCT PAY			
OFF MORTG	Freq.	Percent	Cum.
1 5 YEARS	2,065	26.98	26.98
2 10 YEARS	1,535	20.06	47.04
3 LONGER THAN 10 YEARS	4,053	52.96	100.00
Total	7,653	100.00	

(1,009 real changes made)

R1 HP3D THE AMOUNT OWED IS			
	Freq.	Percent	Cum.
1 less than \$50,000,	391	47.11	47.11
2 between \$50,000 and \$100,000, or	260	31.33	78.43
3 over \$100,000?	179	21.57	100.00
Total	830	100.00	

(114 real changes made)

R1 HP4A HOME VALUE AMOUNT	Freq.	Percent	Cum.
1 less than \$50,000,	397	14.55	14.55
2 \$50,000-\$74,999,	449	16.46	31.01
3 \$75,000-\$99,999,	447	16.39	47.40
4 \$100,000-\$199,999,	697	25.55	72.95
5 \$200,000-\$299,999,	328	12.02	84.97
6 \$300,000-\$499,999,	239	8.76	93.73
7 \$500,000-\$749,999, or	99	3.63	97.36
8 \$750,000 or more?	72	2.64	100.00
Total	2,728	100.00	

(312 real changes made)

R1 HP6A RENT AMOUNT	Freq.	Percent	Cum.
1 less than \$250,	26	8.31	8.31
2 \$250-\$499,	76	24.28	32.59
3 \$500-\$999, or	81	25.88	58.47
4 \$1,000 or more?	68	21.73	80.19
5	37	11.82	92.01
6	25	7.99	100.00
Total	313	100.00	

(82 real changes made)
(0 real changes made)

R1 HP7 HME SEC 8 PUBL SENOR HOUS	Freq.	Percent	Cum.
1 YES	1,933	42.61	42.61
2 NO	2,604	57.39	100.00
Total	4,537	100.00	

(5,093 real changes made)

966

967 drop homevalue

968 rename homevalue_n homevalue

969

970 label var rentpaid "Amount rent paid"

971 label define rentpaid 1 "<\$250" 2 "250-499" 3 "500-999" 4 "\$1000+"

972 label values rentpaid rentpaid

973 label var section8 "Indicator lives in Section 8 housing"

974 label var medcreditdebt "Has Medical credit card debt"

975 label var medbillsovertime "Pays Medical bills over time"

976 label var finhlpfam "Received financial help/gifts from family"

977 label var fingftfam "Provided financial help/gifts to family"

```

978 label var paysmortgage "Pays a mortgage"

979 gen n_social_network=.
    (47,778 missing values generated)

980
981 replace n_social_network=dnumsn if dnumsn>=0
    (39,585 real changes made)

982
983 label var n_social_network "Number in social network"

984
985 gen division=.
    (47,778 missing values generated)

986
987 replace division=dcensdiv if dcensdiv>0
    (47,777 real changes made)

988
989 gen region=division
    (1 missing value generated)

990 recode region (1 2=1) (3 4=2) (5/7=3) (8 9=4)
    (region: 45410 changes made)

991
992 la define region 1 "Northeast" 2 "Midwest" 3 "South" 4 "West"

993 label values region region

994
995 capture gen northeast=0

996 capture gen midwest=0

997 capture gen south=0

998 capture gen west=0

999
1000replace northeast=1 if region==1
    (8,357 real changes made)

1001replace midwest=1 if region==2
    (11,588 real changes made)

1002replace south=1 if region==3
    (18,751 real changes made)

1003replace west=1 if region==4
    (9,081 real changes made)

1004
1005/*and now drop all raw variables
> forvalues i=1/7 {
>     drop r`i'* ip`i'* is`i'* re`i'* hc`i'* ht`i'* hh`i'* ss`i'* fl`i'* ///
>         pc`i'* cp`i'* cg`i'* mo`i'* ha`i'* sc`i'* mc`i'* pa`i'* sd`i'* hw`i'*
>     ///
>         cm`i'* sn`i'* hp`i'* ew`i'* ir`i'* dt`i'* wb`i'* wa`i'* gr`i'* ho`i'*
>     cs`i'*
> }
>
> drop e11* r11* ia1* ep2* pd2* pd3* pd4* pd5* pd6* pd7* ia3* ia5* ia7*
> */

```

```

1006//rename round*status r*status
1007
1008svyset varunit [pw=anfinwgt], strat(varstrat)

        pweight: anfinwgt
            VCE: linearized
Single unit: missing
  Strata 1: varstrat
    SU 1: varunit
    FPC 1: <zero>

1009
1010sort spid wave

1011by spid: carryforward educ*, replace
  education:  (0 real changes made)
  educ_hs_ind: (32766 real changes made)

1012label var educ_hs_ind "Education: HS+"

1013notes drop educ*
      (3 notes dropped)

1014
1015//10/25/18--add in payer and other variables from Jenny's homebound project
1016preserve

1017/*local mo outoft outcane outwalkr outwlchr outsctr outhlp outslf outdif outyr
> go ///
> outwout oftgoarea oflvslepr insdcane insdwalkr insdwlchr insdsctr oftholdwl //
> /
> insdhlp insdself insddif insdyrgo insdwout beddev bedhlp bedslf beddif bedwout
>
> local sc eatdevoft eathlp eatoft eatdif eatwout showrbat1 showrbat2 showrbat3
> ///
> prfrshbth scusgrbrs shtubseat bathhlp bathoft bathdif bathyrgo bathwout ///
> usvartoi1 usvartoi2 usvartoi3 usvartoi4 toilhlp toiloft toildif toilwout ///
> dresoft dresdev dreshlp dresyrgo dreswout
>
> local ha laun launself whrmachi1 whrmachi2 whrmachi3 whrmachi4 whrmachi5 ///
> whrmachi6 laundif launoft launwout shop shopslf howpaygr1 howpaygr2 howpaygr3
> ///
> howpaygr4 howpaygr5 howpaygr6 howpaygr7 howgtstr1 howgtstr2 howgtstr3 howgtst
> r4 ///
> howgtstr5 howgtstr6 howgtstr7 howgtstr8 shopcart shoplean shopdif shopoft sho
> pwout ///
> meal mealslf restamels oftmicrow mealdif mealoft mealwout bank bankslf bankdi
> f ///
> bankoft bankwout money moneyhlp
>
> local mc meds medstrk medself whrgtmed1 whrgtmed2 whrgtmed3 whrgtmed4 howpkupm
> 1 ///
> howpkupm2 howpkupm3 medsrem medsdif medsyrgo medsmis havregdoc regdoclyr hwgtr
> egd1 ///
> hwgtregd2 hwgtregd3 hwgtregd4 hwgtregd5 hwgtregd6 hwgtregd7 hwgtregd8 hwgtreg
> d9 ///
> ansitindr tpersevr1 tpersevr2 tpersevr3 tpersevr4 chginspln anhlpwdec
> */

1018//note--as of now, doesn't include round 7
1019forvalues wave=1/7 {
  2. use "E:\nhats\data\NHATS Public\round_`wave'\NHATS_Round_`wave'_SP_File.dta
> ", clear
  3. keep spid cs`wave'dnumchild ho`wave'entrst hh`wave'dhshldnum mo* sc* ha* mc
> *
  4. gen wave=`wave'
  5. rename cs`wave' n_children
  6. label var n_ch "Number of living children"
  7. rename ho`wave' stairs_ind
  8. label var stairs "Stairs to enter home"
  9. gen livesalone_ind=hh`wave'dhshldnum==1 if hh`wave'dhshldnum>=0
  10. label var livesal "Lives alone (only one in household)"
  11. foreach x in n sta live {

```

```

12. replace `x'=. if `x'<0
13. }
14.
1020local kidvars n_children stairs ind livesalone ind
15. gen ind_kids=n_children>=1 if !missing(n_children)
16. rename (mo`wave'* sc`wave'* ha`wave'* mc`wave'*) (* * * *)
17. rename (eatselfdif toiloft bathoft) (eatdif toilself bathself)
18.
1021foreach x in eat toil insd bed dres bath {
19.     gen `x'_jenny=inlist(`x'slf,3,4) | inlist(`x'dif,3,4) | `x'wout==1
20. }
21. egen adlcount=rowtotal(eat_j toil_j insd_j bed_j dres_j bath_j)
22.
1022//for iadls, reason don't do alone b/c health/function or reported difficulty
> or went w/o
1023gen medswout=0
23. foreach x in laun meds shop meal bank {
24.     drop `x'
25.     gen `x'_jenny=inlist(d`x'reas,1,3) | inlist(`x'dif,3,4) | `x'wout==
> 1
26. }
27. drop medswout
28. egen iadlcount=rowtotal(laun_j meds_j shop_j meal_j bank_j)
29. label var eat_j "Some/lot difficulty eating by self, or rarely/never, or ha
> d to go w/o"
30. label var toil_j "Some/lot difficulty toileting by self, or rarely/never, o
> r had to go w/o"
31. label var insd_j "Some/lot difficulty moving inside by self, or rarely/neve
> r, or had to go w/o"
32. label var bed_j "Some/lot difficulty getting out of bed by self, or rarely/
> never, or had to go w/o"
33. label var dres_j "Some/lot difficulty dressing by self, or rarely/never, or
> had to go w/o"
34. label var bath_j "Some/lot difficulty bathing by self, or rarely/never, or
> had to go w/o"
35. label var laun_j "Some/lot of difficulty with laundry by self, or not by se
> lf b/c health, or had to go w/o"
36. label var meds_j "Some/lot of difficulty with meds by self, or not by self
> b/c health, or had to go w/o"
37. label var shop_j "Some/lot of difficulty with shopping by self, or not by s
> elf b/c health, or had to go w/o"
38. label var meal_j "Some/lot of difficulty with hot meals by self, or not by
> self b/c health, or had to go w/o"
39. label var bank_j "Some/lot of difficulty with banking by self, or not by se
> lf b/c health, or had to go w/o"
40.
1024gen device_mobility=inlist(insdwalk,1,2) | inlist(outwalk,1,2) | inlist(insdwl
> ,1,2) ///
> | inlist(outwl,1,2) | inlist(insdsct,1,2) | inlist(outsct,1,2)
41.
1025label var device_mobility "Uses a walker, wheelchair, or scooter inside or out
> side"
42.
1026keep spid wave *_jenny device_mobility `kidvars' ind_kids adlcount iadlcount
43.
1027tempfile kids`wave'
44. save `kids`wave''
45.
1028use "E:\nhats\data\NHATS Public\round_`wave'\NHATS_Round_`wave'_OP_File.dta",
> clear
46. describe op`wave'*pay*
47. tab op`wave'*payshlp
48. tab op`wave'*progmpaid
49.

```

```

1029rename op`wave`sppays op`wave`sppayhlp
    50. foreach x in sp gov ins oth {
    51. gen paid_by_`x`=op`wave`x`payhlp==1 if op`wave`x`payhlp>0 | op`wave`x`pa
> yhlp<-1
    52. local lab : var label op`wave`x`payhlp
    53. label var paid_by_`x` "`lab'"
    54. }
    55. gen paid_by_unk=(paid_by_sp+paid_by_oth+paid_by_gov+paid_by_ins)==0 | ///
> ((paid_by_sp+paid_by_oth+paid_by_gov+paid_by_ins)==-4 & op`wave`paid==1)
    56. label var paid_by_unk "Unknown payer"
    57.
1030
1031levelsof op`wave`progmpaid, local(levels)
    58. foreach l of local levels {
    59. if `l`>0 {
    60. gen paid_by_gov_cat_`l`=op`wave`progmpaid==`l` if op`wave`progmpaid!=-1
    61. local lab : label op`wave`progmpaid `l`
    62. label var paid_by_gov_cat_`l` "`lab'"
    63. }
    64. }
    65. gen paid_by_gov_cat_unknown=op`wave`progmpaid<-1 if op`wave`progmpaid!=-1
    66. label var paid_by_gov_cat_unk "Unknown gov't payer (Missing,RF,DK)"
    67. gen op_insur_help=op`wave`insurhlp==1
    68. gen op_out_help=op`wave`outhlp==1
    69. gen op_money_help=op`wave`moneyhlp==1
    70. gen op_places_help=op`wave`tkplhlp1==1 | op`wave`tkplhlp2==1
    71. label var op_insur_help "Help with insurance decisions"
    72. keep spid opid paid* op_*
    73. tempfile paid
    74. save `paid'
    75. gen wave=`wave'
    76. merge 1:m spid opid wave using "E:\nhats\data\NHATS Cleaned\op_round_1_7",
> ///
> keep(match master) gen(opmer)
    77. merge 1:1 spid opid using `paid', keep(match master) gen(paidm)
    78. foreach x of varlist paid_by* {
    79. replace `x`=0 if paid==0
    80. }
    81. drop if n_helpers>=1 & opishelp==0
    82.
1032foreach x in sp gov ins unk oth {
    83. by spid, sort: egen any_paid_by_`x`=max(paid_by_`x`)
    84. local lab :var label paid_by_`x`
    85. label var any_paid_by_`x` "`lab'"
    86. }
    87. rename paid_by_gov_cat_91 paid_by_gov_cat_oth
    88. foreach x of varlist paid_by_gov_cat* {
    89. by spid, sort: egen any_`x`=max(`x`)
    90. local lab :var label `x`
    91. label var any_`x` "`lab'"
    92. }
    93.
1033
1034by spid: egen any_paid_by_medicare=max(paid_by_gov_cat_2)
    94. label var any_paid_by_medicare "Helper paid by Medicare"
    95. by spid: egen any_paid_by_medicaid=max(paid_by_gov_cat_1)
    96. label var any_paid_by_medicaid "Helper paid by Medicaid"
    97. by spid: egen any_paid_by_state=max(paid_by_gov_cat_3)
    98. label var any_paid_by_state "Helper paid by state program"
    99. gen ind_gt20hrs_wk_inf=tot_hrswk_help_i>20 if !missing(tot_hrswk_help_i)
100. replace ind_gt20hrs_wk_inf=0 if tot_hrswk_help_i-tot_hrswk_paid_i<20
101. gen ind_gt20hrs_wk_paid=tot_hrswk_paid_i>20 if !missing(tot_hrswk_paid_i)
102. label var ind_gt20hrs_wk_i "Unpaid help: >20 hrs wk"
103. label var ind_gt20hrs_wk_p "Paid help: >20 hrs wk"
104. gen ind_inf=n_helpers>=1 if !missing(n_helpers)
105. replace ind_inf=0 if n_paid==n_helpers
106. label var ind_inf "Any family/unpaid help"
107. local pvars ind_inf ind_gt20hrs_wk_inf ind_paid ind_gt20hrs_wk_paid ///
> any_paid_by_sp any_paid_by_gov ///
> any_paid_by_medicaid any_paid_by_medicare any_paid_by_state
108. replace any_paid_by_unk=1 if (any_paid_by_sp+any_paid_by_ins+any_paid_by_ot
> h ///

```



```

> +any_paid_by_gov==0) & ind_paid==1
109. local paidvars any_paid_by_sp any_paid_by_gov any_paid_by_ins any_paid_by_o
> th ///
> any_paid_by_unk any_paid_by_medicaid any_paid_by_medicare ///
> any_paid_by_gov_cat_oth any_paid_by_gov_cat_unknown any_paid_by_unk
110. keep spid any_paid* ind_gt* wave
111.
1035duplicates drop
112. tempfile paid`wave'
113. save `paid`wave''
114.
1036use "E:\nhats\data\NHATS Cleaned\op_round_1_${w}" if wave==`wave' & opishelp==
> 1, clear
115. tokenize spouse daughter son otherfamily paid otherinformal
116. drop spouse daughter son paid
117. forvalues i=1/6 {
118.     gen `i'`=op_relat==`i'
119.     by spid: egen `i'`=help_ind=max(`i')
120.     label var `i'`=help "Has `i'`=helper"
121.     gen `i'`=hrs=op_hrswk i if `i'`=1
122.     by spid: egen tot_`i'`=total(`i'`=hrs) if `i'`=help_ind==1
123.     label var tot_`i'`=hrs "Hours of help/week from `i'`=sources"
124.     local ihelp `ihelp' `i'`=help_ind
125.     local chelp `chelp' tot_`i'`=hrs
126. }
127. label var otherfamily_he "Has other family helper"
128. label var otherinformal "Has non-family unpaid helper"
129. label var tot_otherf "Hours of help/week from other family sources"
130. label var tot_otheri "Hours of help/week from other unpaid sources"
131. keep spid `chelp' `ihelp' wave
132. duplicates drop
133.
1037tempfile hours`wave'
134. save `hours`wave''
135. }
(636 missing values generated)
(636 real changes made, 636 to missing)
(641 real changes made, 641 to missing)
(0 real changes made)
(636 missing values generated)
note: label truncated to 80 characters
note: label truncated to 80 characters
note: label truncated to 80 characters
note: label truncated to 80 characters
note: label truncated to 80 characters
note: label truncated to 80 characters
file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000004.tmp saved

```

variable name	storage type	display format	value label	variable label
oplsppayshlp	double	%12.0g	oplsppayshlp	R1 HL6 SP PAYS FOR HELP
oplgovpayhlp	double	%12.0g	oplgovpayhlp	R1 HL6 GOVT PAYS FOR HELP
oplinspayhlp	double	%12.0g	oplinspayhlp	R1 HL6 INSUR PAYS FOR HELP
oplothpayhlp	double	%12.0g	oplothpayhlp	R1 HL6 OTHER PAYS FOR HELP
oplpayunit	double	%12.0g	oplpayunit	R1 HL7 PAYMENT UNIT
oplhourlypay	double	%12.0g	oplhourlypay	R1 HL7A HOURLY AMOUNT PAID
oplweeklypay	double	%12.0g	oplweeklypay	R1 HL7B WEEKLY AMOUNT PAID

R1 HL6 SP PAYS			
FOR HELP	Freq.	Percent	Cum.
-8 DK	20	0.05	0.05
-7 RF	4	0.01	0.06
-1 Inapplicable	37,055	97.26	97.33
1 Yes	587	1.54	98.87
2 No	431	1.13	100.00
Total	38,097	100.00	

R1 HL8 PROGRAM			
PAID FOR HELPER	Freq.	Percent	Cum.
-8 DK	42	0.11	0.11
-7 RF	1	0.00	0.11
-1 INAPPLICABLE	37,809	99.24	99.36
1 MEDICAID	67	0.18	99.53
2 MEDICARE	58	0.15	99.69
3 STATE PROGRAM	90	0.24	99.92
91 OTHER (SPECIFY)	30	0.08	100.00
Total	38,097	100.00	

(37,055 missing values generated)
(37,055 missing values generated)
(37,055 missing values generated)
(37,055 missing values generated)
-8 -7 -1 1 2 3 91

(37,809 missing values generated)
(37,809 missing values generated)
(37,809 missing values generated)
(37,809 missing values generated)
(37,809 missing values generated)

file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000005.tmp saved

Result	# of obs.	
not matched	0	
matched	38,097	(opmer==3)

Result	# of obs.	
not matched	0	
matched	38,097	(paidm==3)

(37,164 real changes made)
(37,112 real changes made)
(37,057 real changes made)
(37,068 real changes made)
(2 real changes made)
(37,192 real changes made)
(37,182 real changes made)
(37,214 real changes made)
(37,185 real changes made)
(37,189 real changes made)
(21,762 observations deleted)
(109 missing values generated)
(109 missing values generated)
(109 missing values generated)
(109 missing values generated)
(109 missing values generated)
(109 missing values generated)
(109 missing values generated)
(373 real changes made)
(130 real changes made)
(0 real changes made)

Duplicates in terms of all variables

(8,757 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000006.tmp saved
 (8,244 missing values generated)
 (6385 missing values generated)
 (8,639 missing values generated)
 (5798 missing values generated)
 (9,864 missing values generated)
 (7699 missing values generated)
 (10,109 missing values generated)
 (8526 missing values generated)
 (10,738 missing values generated)
 (9568 missing values generated)
 (10,391 missing values generated)
 (9140 missing values generated)

Duplicates in terms of all variables

(5,162 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000007.tmp saved
 (1,019 missing values generated)
 (1,019 real changes made, 1,019 to missing)
 (1,021 real changes made, 1,021 to missing)
 (0 real changes made)
 (1,019 missing values generated)
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000008.tmp saved

variable name	storage type	display format	value label	variable label
op2sppayshlp	double	%12.0g	op2sppayshlp	R2 HL6 SP PAYS FOR HELP
op2govpayhlp	double	%12.0g	op2govpayhlp	R2 HL6 GOVT PAYS FOR HELP
op2inspayhlp	double	%12.0g	op2inspayhlp	R2 HL6 INSUR PAYS FOR HELP
op2othpayhlp	double	%12.0g	op2othpayhlp	R2 HL6 OTHER PAYS FOR HELP
op2payunit	double	%12.0g	op2payunit	R2 HL7 PAYMENT UNIT
op2hourlypay	double	%12.0g	op2hourlypay	R2 HL7A HOURLY AMOUNT PAID
op2weeklypay	double	%12.0g	op2weeklypay	R2 HL7B WEEKLY AMOUNT PAID

R2 HL6 SP PAYS FOR HELP	Freq.	Percent	Cum.
-1 Inapplicable	36,915	97.29	97.29
1 YES	600	1.58	98.87
2 NO	429	1.13	100.00
Total	37,944	100.00	

R2 HL8 PROGRAM PAID FOR HELPER	Freq.	Percent	Cum.
-8 DK	46	0.12	0.12
-7 RF	2	0.01	0.13
-1 Inapplicable	37,675	99.29	99.42
1 MEDICAID	70	0.18	99.60
2 MEDICARE	47	0.12	99.73
3 STATE PROGRAM	85	0.22	99.95
91 OTHER (SPECIFY)	19	0.05	100.00
Total	37,944	100.00	

(36,915 missing values generated)

```

(36,915 missing values generated)
(36,915 missing values generated)
(36,915 missing values generated)
-8 -7 -1 1 2 3 91
(37,675 missing values generated)
(37,675 missing values generated)
(37,675 missing values generated)
(37,675 missing values generated)
(37,675 missing values generated)
file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000009.tmp saved

```

Result	# of obs.	
not matched	0	
matched	37,944	(opmer==3)

Result	# of obs.	
not matched	0	
matched	37,944	(paidm==3)

```

(36,995 real changes made)
(36,915 real changes made)
(36,874 real changes made)
(36,888 real changes made)
(0 real changes made)
(37,017 real changes made)
(37,012 real changes made)
(37,030 real changes made)
(37,011 real changes made)
(37,012 real changes made)
(21,526 observations deleted)
(3 missing values generated)
(3 missing values generated)
(3 missing values generated)
(3 missing values generated)
(81 missing values generated)
(81 missing values generated)
(81 missing values generated)
(81 missing values generated)
(81 missing values generated)
(81 missing values generated)
(81 missing values generated)
(81 missing values generated)
(81 missing values generated)
(497 real changes made)
(113 real changes made)
(74 real changes made)

```

Duplicates in terms of all variables

```

(9,808 observations deleted)
file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000a.tmp saved
(7,266 missing values generated)
(5744 missing values generated)
(7,377 missing values generated)
(4927 missing values generated)
(8,361 missing values generated)
(6489 missing values generated)
(8,490 missing values generated)
(7048 missing values generated)
(8,930 missing values generated)
(7702 missing values generated)
(8,696 missing values generated)
(7550 missing values generated)

```

Duplicates in terms of all variables

(4,597 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000b.tmp saved
 (915 missing values generated)
 (915 real changes made, 915 to missing)
 (922 real changes made, 922 to missing)
 (0 real changes made)
 (915 missing values generated)
 note: label truncated to 80 characters
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 note: label truncated to 80 characters
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000c.tmp saved

variable name	storage type	display format	value label	variable label
op3sppayshlp	double	%12.0g	op3sppayshlp	R3 HL6 SP PAYS FOR HELP
op3govpayhlp	double	%12.0g	op3govpayhlp	R3 HL6 GOVT PAYS FOR HELP
op3inspayhlp	double	%12.0g	op3inspayhlp	R3 HL6 INSUR PAYS FOR HELP
op3othpayhlp	double	%12.0g	op3othpayhlp	R3 HL6 OTHER PAYS FOR HELP
op3payunit	double	%12.0g	op3payunit	R3 HL7 PAYMENT UNIT
op3hourlypay	double	%12.0g	op3hourlypay	R3 HL7A HOURLY AMOUNT PAID
op3weeklypay	double	%12.0g	op3weeklypay	R3 HL7B WEEKLY AMOUNT PAID

R3 HL6 SP PAYS FOR HELP	Freq.	Percent	Cum.
-8 DK	1	0.00	0.00
-1 Inapplicable	34,805	97.37	97.37
1 YES	531	1.49	98.86
2 NO	408	1.14	100.00
Total	35,745	100.00	

R3 HL8 PROGRAM PAID FOR HELPER	Freq.	Percent	Cum.
-8 DK	43	0.12	0.12
-1 Inapplicable	35,494	99.30	99.42
1 MEDICAID	73	0.20	99.62
2 MEDICARE	50	0.14	99.76
3 STATE PROGRAM	63	0.18	99.94
91 OTHER (SPECIFY)	22	0.06	100.00
Total	35,745	100.00	

(34,805 missing values generated)
 (34,805 missing values generated)
 (34,805 missing values generated)
 (34,805 missing values generated)
 -8 -1 1 2 3 91
 (35,494 missing values generated)
 (35,494 missing values generated)
 (35,494 missing values generated)
 (35,494 missing values generated)
 (35,494 missing values generated)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000d.tmp saved

Result	# of obs.
not matched	0
matched	35,745 (opmer==3)

Result	# of obs.	
not matched	0	
matched	35,745	(paidm==3)

(35,097 real changes made)
 (34,994 real changes made)
 (34,847 real changes made)
 (34,827 real changes made)
 (13 real changes made)
 (35,240 real changes made)
 (35,217 real changes made)
 (35,225 real changes made)
 (35,193 real changes made)
 (35,213 real changes made)
 (20,603 observations deleted)
 (36 missing values generated)
 (36 missing values generated)
 (36 missing values generated)
 (36 missing values generated)
 (36 missing values generated)
 (36 missing values generated)
 (36 missing values generated)
 (123 real changes made)
 (37 real changes made)
 (41 real changes made)

Duplicates in terms of all variables

(9,660 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000e.tmp saved
 (6,368 missing values generated)
 (4923 missing values generated)
 (6,321 missing values generated)
 (4065 missing values generated)
 (7,198 missing values generated)
 (5553 missing values generated)
 (7,194 missing values generated)
 (5831 missing values generated)
 (8,044 missing values generated)
 (7413 missing values generated)
 (6,940 missing values generated)
 (5373 missing values generated)

Duplicates in terms of all variables

(4,172 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000f.tmp saved
 (700 missing values generated)
 (700 real changes made, 700 to missing)
 (705 real changes made, 705 to missing)
 (0 real changes made)
 (700 missing values generated)
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 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000g.tmp saved

variable name	storage type	display format	value label	variable label
op4sppayshlp	double	%12.0g	op4sppayshlp	R4 HL6 SP PAYS FOR HELP
op4govpayhlp	double	%12.0g	op4govpayhlp	R4 HL6 GOVT PAYS FOR HELP
op4inspayhlp	double	%12.0g	op4inspayhlp	R4 HL6 INSUR PAYS FOR HELP
op4othpayhlp	double	%12.0g	op4othpayhlp	R4 HL6 OTHER PAYS FOR HELP
op4payunit	double	%12.0g	op4payunit	R4 HL7 PAYMENT UNIT
op4hourlypay	double	%12.0g	op4hourlypay	R4 HL7A HOURLY AMOUNT PAID
op4weeklypay	double	%12.0g	op4weeklypay	R4 HL7B WEEKLY AMOUNT PAID

R4 HL6 SP PAYS FOR HELP	Freq.	Percent	Cum.
-8 DK	30	0.09	0.09
-7 RF	1	0.00	0.09
-1 Inapplicable	32,108	97.25	97.34
1 YES	522	1.58	98.92
2 NO	355	1.08	100.00
Total	33,016	100.00	

R4 HL8 PROGRAM PAID FOR HELPER	Freq.	Percent	Cum.
-8 DK	37	0.11	0.11
-1 Inapplicable	32,817	99.40	99.51
1 MEDICAID	51	0.15	99.66
2 MEDICARE	26	0.08	99.74
3 STATE PROGRAM	58	0.18	99.92
91 OTHER (SPECIFY)	27	0.08	100.00
Total	33,016	100.00	

(32,108 missing values generated)
(32,108 missing values generated)
(32,108 missing values generated)
(32,108 missing values generated)

-8 -1 1 2 3 91

(32,817 missing values generated)
(32,817 missing values generated)
(32,817 missing values generated)
(32,817 missing values generated)
(32,817 missing values generated)

file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000h.tmp saved

Result	# of obs.
not matched	0
matched	33,016 (opmer==3)

Result	# of obs.
not matched	0
matched	33,016 (paidm==3)

(32,382 real changes made)
(32,257 real changes made)
(32,155 real changes made)
(32,137 real changes made)
(18 real changes made)
(32,506 real changes made)
(32,474 real changes made)
(32,506 real changes made)
(32,478 real changes made)

(32,490 real changes made)
 (19,721 observations deleted)
 (44 missing values generated)
 (44 missing values generated)
 (44 missing values generated)
 (44 missing values generated)
 (44 missing values generated)
 (44 missing values generated)
 (44 missing values generated)
 (44 missing values generated)
 (123 real changes made)
 (49 real changes made)
 (0 real changes made)

Duplicates in terms of all variables

(8,769 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000i.tmp saved
 (5,439 missing values generated)
 (4235 missing values generated)
 (5,309 missing values generated)
 (3388 missing values generated)
 (6,065 missing values generated)
 (4646 missing values generated)
 (6,126 missing values generated)
 (5020 missing values generated)
 (6,679 missing values generated)
 (6046 missing values generated)
 (5,807 missing values generated)
 (4425 missing values generated)

Duplicates in terms of all variables

(3,547 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000j.tmp saved
 (758 missing values generated)
 (758 real changes made, 758 to missing)
 (765 real changes made, 765 to missing)
 (0 real changes made)
 (758 missing values generated)
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 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000k.tmp saved

variable name	storage type	display format	value label	variable label
op5sppayshlp	double	%12.0g	op5sppayshlp	R5 HL6 SP PAYS FOR HELP
op5govpayhlp	double	%12.0g	op5govpayhlp	R5 HL6 GOVT PAYS FOR HELP
op5inspayhlp	double	%12.0g	op5inspayhlp	R5 HL6 INSUR PAYS FOR HELP
op5othpayhlp	double	%12.0g	op5othpayhlp	R5 HL6 OTHER PAYS FOR HELP
op5payunit	double	%12.0g	op5payunit	R5 HL7 PAYMENT UNIT
op5hourlypay	double	%12.0g	op5hourlypay	R5 HL7A HOURLY AMOUNT PAID
op5weeklypay	double	%12.0g	op5weeklypay	R5 HL7B WEEKLY AMOUNT PAID

R5 HL6 SP PAYS			
FOR HELP	Freq.	Percent	Cum.
-8 DK	346	0.66	0.66
-7 RF	66	0.13	0.79
-1 Inapplicable	50,772	97.11	97.89
1 YES	764	1.46	99.36
2 NO	337	0.64	100.00
Total	52,285	100.00	

R5 HL8 PROGRAM			
PAID FOR HELPER	Freq.	Percent	Cum.
-8 DK	62	0.12	0.12
-7 RF	1	0.00	0.12
-1 Inapplicable	51,957	99.37	99.49
1 MEDICAID	91	0.17	99.67
2 MEDICARE	31	0.06	99.73
3 STATE PROGRAM	103	0.20	99.92
91 OTHER (SPECIFY)	40	0.08	100.00
Total	52,285	100.00	

(50,772 missing values generated)

(50,915 missing values generated)

(51,008 missing values generated)

(51,033 missing values generated)

-8 -7 -1 1 2 3 91

(51,957 missing values generated)

(51,957 missing values generated)

(51,957 missing values generated)

(51,957 missing values generated)

(51,957 missing values generated)

file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000001.tmp saved

Result	# of obs.	
not matched	0	
matched	52,285	(opmer==3)

Result	# of obs.	
not matched	0	
matched	52,285	(paidm==3)

(50,556 real changes made)

(50,511 real changes made)

(50,441 real changes made)

(50,445 real changes made)

(417 real changes made)

(51,007 real changes made)

(50,991 real changes made)

(51,023 real changes made)

(50,995 real changes made)

(51,000 real changes made)

(30,975 observations deleted)

(30 missing values generated)

(38 missing values generated)

(50 missing values generated)

(52 missing values generated)

(123 missing values generated)

(123 missing values generated)

(123 missing values generated)

(123 missing values generated)

(123 missing values generated)

(123 missing values generated)

(123 missing values generated)

(586 real changes made)

(161 real changes made)

(119 real changes made)

Duplicates in terms of all variables

(13,370 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000m.tmp saved
 (9,197 missing values generated)
 (7073 missing values generated)
 (9,356 missing values generated)
 (6110 missing values generated)
 (10,653 missing values generated)
 (8207 missing values generated)
 (10,777 missing values generated)
 (8952 missing values generated)
 (11,203 missing values generated)
 (9489 missing values generated)
 (10,934 missing values generated)
 (9346 missing values generated)

Duplicates in terms of all variables

(6,002 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000n.tmp saved
 (866 missing values generated)
 (866 real changes made, 866 to missing)
 (877 real changes made, 877 to missing)
 (0 real changes made)
 (866 missing values generated)
 note: label truncated to 80 characters
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 note: label truncated to 80 characters
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000o.tmp saved

variable name	storage type	display format	value label	variable label
op6sppayshlp	double	%12.0g	op6sppayshlp	R6 HL6 SP PAYS FOR HELP
op6govpayhlp	double	%12.0g	op6govpayhlp	R6 HL6 GOVT PAYS FOR HELP
op6inspayhlp	double	%12.0g	op6inspayhlp	R6 HL6 INSUR PAYS FOR HELP
op6othpayhlp	double	%12.0g	op6othpayhlp	R6 HL6 OTHER PAYS FOR HELP
op6payunit	double	%12.0g	op6payunit	R6 HL7 PAYMENT UNIT
op6hourlypay	double	%12.0g	op6hourlypay	R6 HL7A HOURLY AMOUNT PAID
op6weeklypay	double	%12.0g	op6weeklypay	R6 HL7B WEEKLY AMOUNT PAID

R6 HL6 SP PAYS FOR HELP	Freq.	Percent	Cum.
-1 Inapplicable	49,903	97.52	97.52
1 YES	719	1.41	98.92
2 NO	552	1.08	100.00
Total	51,174	100.00	

R6 HL8 PROGRAM PAID FOR HELPER	Freq.	Percent	Cum.
-8 DK	66	0.13	0.13
-7 RF	1	0.00	0.13
-1 Inapplicable	50,859	99.38	99.52
1 MEDICAID	70	0.14	99.65
2 MEDICARE	28	0.05	99.71
3 STATE PROGRAM	106	0.21	99.91
91 OTHER (SPECIFY)	44	0.09	100.00

Total	51,174	100.00
-------	--------	--------

(49,903 missing values generated)

(49,903 missing values generated)

(49,903 missing values generated)

(49,903 missing values generated)

-8 -7 -1 1 2 3 91

(50,859 missing values generated)

(50,859 missing values generated)

(50,859 missing values generated)

(50,859 missing values generated)

(50,859 missing values generated)

file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000p.tmp saved

Result	# of obs.
not matched	0
matched	51,174 (opmer==3)

Result	# of obs.
not matched	0
matched	51,174 (paidm==3)

(50,285 real changes made)

(50,136 real changes made)

(49,963 real changes made)

(49,914 real changes made)

(0 real changes made)

(50,456 real changes made)

(50,414 real changes made)

(50,476 real changes made)

(50,422 real changes made)

(50,442 real changes made)

(30,722 observations deleted)

(1 missing value generated)

(1 missing value generated)

(1 missing value generated)

(1 missing value generated)

(54 missing values generated)

(54 missing values generated)

(54 missing values generated)

(54 missing values generated)

(54 missing values generated)

(54 missing values generated)

(54 missing values generated)

(54 missing values generated)

(155 real changes made)

(67 real changes made)

(67 real changes made)

Duplicates in terms of all variables

(13,460 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000q.tmp saved
 (8,472 missing values generated)
 (6489 missing values generated)
 (8,489 missing values generated)
 (5605 missing values generated)
 (9,564 missing values generated)
 (7355 missing values generated)
 (9,553 missing values generated)
 (7805 missing values generated)
 (10,636 missing values generated)
 (9806 missing values generated)
 (9,126 missing values generated)
 (6932 missing values generated)

Duplicates in terms of all variables

(5,630 observations deleted)
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000r.tmp saved
 (746 missing values generated)
 (746 real changes made, 746 to missing)
 (748 real changes made, 748 to missing)
 (0 real changes made)
 (746 missing values generated)
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 note: label truncated to 80 characters
 file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000s.tmp saved

variable name	storage type	display format	value label	variable label
op7sppayshlp	double	%12.0g	op7sppayshlp	R7 HL6 SP PAYS FOR HELP
op7govpayhlp	double	%12.0g	op7govpayhlp	R7 HL6 GOVT PAYS FOR HELP
op7inspayhlp	double	%12.0g	op7inspayhlp	R7 HL6 INSUR PAYS FOR HELP
op7othpayhlp	double	%12.0g	op7othpayhlp	R7 HL6 OTHER PAYS FOR HELP
op7payunit	double	%12.0g	op7payunit	R7 HL7 PAYMENT UNIT
op7hourlypay	double	%12.0g	op7hourlypay	R7 HL7A HOURLY AMOUNT PAID
op7weeklypay	double	%12.0g	op7weeklypay	R7 HL7B WEEKLY AMOUNT PAID

R7 HL6 SP PAYS FOR HELP	Freq.	Percent	Cum.
-1 Inapplicable	47,944	97.72	97.72
1 YES	564	1.15	98.86
2 NO	557	1.14	100.00
Total	49,065	100.00	

R7 HL8 PROGRAM PAID FOR HELPER	Freq.	Percent	Cum.
-8 DK	38	0.08	0.08
-1 Inapplicable	48,795	99.45	99.53
1 MEDICAID	69	0.14	99.67
2 MEDICARE	32	0.07	99.73
3 STATE PROGRAM	92	0.19	99.92
91 OTHER (SPECIFY)	39	0.08	100.00
Total	49,065	100.00	

(47,944 missing values generated)
 (47,944 missing values generated)

```
(47,944 missing values generated)
(47,944 missing values generated)
-8 -1 1 2 3 91
(48,795 missing values generated)
(48,795 missing values generated)
(48,795 missing values generated)
(48,795 missing values generated)
(48,795 missing values generated)
(48,795 missing values generated)
file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000t.tmp saved
```

Result	# of obs.	
not matched	0	
matched	49,065	(opmer==3)

Result	# of obs.	
not matched	0	
matched	49,065	(paidm==3)

```
(47,991 real changes made)
(47,958 real changes made)
(47,904 real changes made)
(47,915 real changes made)
(0 real changes made)
(48,020 real changes made)
(48,009 real changes made)
(48,039 real changes made)
(48,011 real changes made)
(48,014 real changes made)
(29,742 observations deleted)
(6 missing values generated)
(6 missing values generated)
(6 missing values generated)
(6 missing values generated)
(89 missing values generated)
(89 missing values generated)
(89 missing values generated)
(89 missing values generated)
(89 missing values generated)
(89 missing values generated)
(89 missing values generated)
(89 missing values generated)
(89 missing values generated)
(455 real changes made)
(122 real changes made)
(79 real changes made)
```

Duplicates in terms of all variables

```
(13,200 observations deleted)
file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000u.tmp saved
(7,232 missing values generated)
(5577 missing values generated)
(7,183 missing values generated)
(4758 missing values generated)
(8,144 missing values generated)
(6142 missing values generated)
(8,181 missing values generated)
(6705 missing values generated)
(8,532 missing values generated)
(7149 missing values generated)
(8,388 missing values generated)
(7141 missing values generated)
```

Duplicates in terms of all variables

```
(4,766 observations deleted)
file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000v.tmp saved
```

```

1038
1039foreach x in hours paid kids {
2.      di "`x'"
3.      use ``x'1', clear
4.      forvalues i=2/6 {
5.          di "`i'"
6.          append using ``x'`i''
7.      }
8.      di "`x'"
9.      tempfile `x'
10.     save ``x''
11. }
hours
2
3
4
5
6
hours
file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000w.tmp saved
paid
2
3
4
5
6
paid
file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_00000x.tmp saved
kids
2
3
4
5
6
kids
file C:\Users\husaim03\AppData\Local\Temp\9\ST_27c980_000010.tmp saved

```

```

1040
1041restore

```

```

1042
1043merge 1:1 spid wave using `kids', keep(match master) gen(kidm)
(label csldnumchild already defined)
(label holentrstair already defined)

```

Result	# of obs.	
not matched	6,312	
from master	6,312	(kidm==1)
from using	0	(kidm==2)
matched	41,466	(kidm==3)

```

1044merge 1:1 spid wave using `hours', keep(match master) gen(hrm)

```

Result	# of obs.	
not matched	16,377	
from master	16,377	(hrm==1)
from using	0	(hrm==2)
matched	31,401	(hrm==3)

```
1045merge 1:1 spid wave using `paid', keep(match master) gen(paidm)
```

Result	# of obs.	
not matched	8,650	
from master	8,650	(paidm==1)
from using	0	(paidm==2)
matched	39,128	(paidm==3)

```
1046
```

```
1047label var aveincome "Income"
```

```
1048label var residence "Type of residence"
```

```
1049drop sr*raw ht_new pr_ad8* dem_via_proxy speaktosp date_item* date_sum* ///
> preslast presfirst vp* presvp* date_prvp clock_scorer irecall drecall ///
> wordrecall *65 kidm hrm paidm SP_completed deceased /*va*ser* el5 rl* */
```

```
1050
```

```
1051foreach x in eat bath toil dres {
2.     label var adl_`x'_diff "Has difficulty while `x'ing last month"
3.     label var adl_`x'_not "Did not `x' by self in last month"
4. }
```

```
1052
```

```
1053foreach x in laun shop meal bank meds {
2.     label var iadl_`x'_diff "Has difficulty while `x'ing last month"
3.     label var iadl_`x'_not "Did not `x' in last month"
4. }
```

```
1054label var iadl_meds_diff "Difficulty taking meds last month"
```

```
1055label var iadl_meds_not "Didn't take meds or not by self in last month"
```

```
1056label var adl_ins_diff "Difficulty moving around inside by self in last month"
```

```
1057label var adl_ins_no "Didn't move around inside by self in last month"
```

```
1058label var adl_bed_dif "Difficulty getting out of bed by self in last month"
```

```
1059label var adl_bed_no "Didn't get out of bed by self in last month"
```

```
1060label var num_helpers_cat "Categorical number of helpers"
```

```
1061label var ivw_type "Type of interview"
```

```
1062label var income_cat "Categorical income"
```

```
1063label var trfinwgt "Tracker weight"
```

```
1064label var tr2011wgt "Tracker weight (2011 cohort)"
```

```
1065label var howgetdoc "Mode of transport to regular doctor"
```

```
1066label var ivw_day "Day of interview (Assigned to 1 for all)"
```

```
1067label var ivw_month "Month of interview"
```

```

1068label var ivw_year "Year of interview"
1069label var ivw_date "Date of interview (1st of the month assigned)"
1070label var community_dwelling "Community dwelling"
1071label var marital_sd "Separated or divorced"
1072label var iadl_diff_index "Count of IADL difficulties reported (missing coded
> as zero)"
1073label var iadl_diff_ind "Indicator of any IADL difficulty reported (missing co
> ded as zero)"
1074label var adl_diff_index "Count of IADL difficulties reported (missing coded a
> s zero)"
1075label var adl_diff_ind "Indicator of any IADL difficulty reported (missing cod
> ed as zero)"
1076label var nhats_death_day "Sensitive: Day of death from NHATS (Assigned to las
> t day of month)"
1077label var nhats_death_month "Sensitive: Month of death from NHATS"
1078label var nhats_death_year "Sensitive: Year of death from NHATS"
1079label var division "Census division"
1080label var region "Region"
1081label var ind_kids "Indicator any living children"
1082
1083rename adlcount adlcount_jenny
1084label var adlcount_j "ADL count: some/lot of difficulty or adverse consequence
> of unmet need"
1085rename iadlcount iadlcount_jenny
1086label var iadlcount_j "IADL count: some/lot of difficulty or adverse consequen
> ce of unmet need"
1087
1088// 11/8/18 Making National Estimates using 2011 population (using original wei
> ghts) Rds 1-4
1089rename anfinwgt old_anfinwgt
1090gen double anfinwgt=old_anfinwgt
1091replace anfinw=old_anfinwgt*5491440/4649902 if inrange(age,65,69) & female==0
> & inrange(wave,1,4)
(1,390 real changes made)
1092replace anfinw=old_anfinwgt*4087340/4097017 if inrange(age,70,74) & female==0
> & inrange(wave,1,4)
(2,322 real changes made)
1093replace anfinw=old_anfinwgt*3027820/3001146 if inrange(age,75,79) & female==0
> & inrange(wave,1,4)
(2,122 real changes made)

```



```

1094replace anfinw=old_anfinwgt*2169060/2173979 if inrange(age,80,84) & female==0
> & inrange(wave,1,4)
(2,039 real changes made)

1095replace anfinw=old_anfinwgt*1194880/1224397 if inrange(age,85,89) & female==0
> & inrange(wave,1,4)
(1,421 real changes made)

1096replace anfinw=old_anfinwgt*524540/463619 if inrange(age,90,150) & female==0 &
> inrange(wave,1,4)
(876 real changes made)

1097
1098replace anfinw=old_anfinwgt*6124980/5250466 if inrange(age,65,69) & female==1
> & inrange(wave,1,4)
(1,622 real changes made)

1099replace anfinw=old_anfinwgt*4781940/4843444 if inrange(age,70,74) & female==1
> & inrange(wave,1,4)
(2,749 real changes made)

1100replace anfinw=old_anfinwgt*3886940/3878674 if inrange(age,75,79) & female==1
> & inrange(wave,1,4)
(2,775 real changes made)

1101replace anfinw=old_anfinwgt*3249940/3215654 if inrange(age,80,84) & female==1
> & inrange(wave,1,4)
(3,027 real changes made)

1102replace anfinw=old_anfinwgt*2230480/2257969 if inrange(age,85,89) & female==1
> & inrange(wave,1,4)
(2,458 real changes made)

1103replace anfinw=old_anfinwgt*1382160/1329677 if inrange(age,90,150) & female==1
> & inrange(wave,1,4)
(2,362 real changes made)

1104
1105// Making National Estimates using 2015 population (using original weights) Rd
> s 5-7
1106replace anfinw=old_anfinwgt*6855860/5671878 if inrange(age,65,69) & female==0
> & inrange(wave,5,7)
(1,033 real changes made)

1107replace anfinw=old_anfinwgt*4941100/5071147 if inrange(age,70,74) & female==0
> & inrange(wave,5,7)
(2,135 real changes made)

1108replace anfinw=old_anfinwgt*3367300/3524465 if inrange(age,75,79) & female==0
> & inrange(wave,5,7)
(1,927 real changes made)

1109replace anfinw=old_anfinwgt*2257880/2208455 if inrange(age,80,84) & female==0
> & inrange(wave,5,7)
(1,635 real changes made)

1110replace anfinw=old_anfinwgt*1307620/1358952 if inrange(age,85,89) & female==0
> & inrange(wave,5,7)
(1,266 real changes made)

```

```

1111replace anfinw=old_anfinwgt*648680/624319 if inrange(age,90,150) & female==0 &
> inrange(wave,5,7)
(835 real changes made)

1112
1113replace anfinw=old_anfinwgt*7601440/6226214 if inrange(age,65,69) & female==1
> & inrange(wave,5,7)
(1,162 real changes made)

1114replace anfinw=old_anfinwgt*5695060/6077509 if inrange(age,70,74) & female==1
> & inrange(wave,5,7)
(2,524 real changes made)

1115replace anfinw=old_anfinwgt*4182460/4196832 if inrange(age,75,79) & female==1
> & inrange(wave,5,7)
(2,495 real changes made)

1116replace anfinw=old_anfinwgt*3165560/3137807 if inrange(age,80,84) & female==1
> & inrange(wave,5,7)
(2,383 real changes made)

1117replace anfinw=old_anfinwgt*2253980/2157300 if inrange(age,85,89) & female==1
> & inrange(wave,5,7)
(2,018 real changes made)

1118replace anfinw=old_anfinwgt*1577880/1534438 if inrange(age,90,150) & female==1
> & inrange(wave,5,7)
(1,995 real changes made)

1119
1120// Making National Estimates using 2011 Population (2011 Weights) for Rds 5-7
1121rename an2011wgt old_an2011wgt

1122gen an2011wgt=old_an2011wgt
(25,856 missing values generated)

1123replace an2011wgt=old_an2011wgt*5491440/4649902 if inrange(age,65,69) & female
> ==0 & inrange(wave,5,7)
(16 real changes made)

1124replace an2011wgt=old_an2011wgt*4087340/4097017 if inrange(age,70,74) & female
> ==0 & inrange(wave,5,7)
(1,036 real changes made)

1125replace an2011wgt=old_an2011wgt*3027820/3001146 if inrange(age,75,79) & female
> ==0 & inrange(wave,5,7)
(1,028 real changes made)

1126replace an2011wgt=old_an2011wgt*2169060/2173979 if inrange(age,80,84) & female
> ==0 & inrange(wave,5,7)
(910 real changes made)

1127replace an2011wgt=old_an2011wgt*1194880/1224397 if inrange(age,85,89) & female
> ==0 & inrange(wave,5,7)
(749 real changes made)

1128replace an2011wgt=old_an2011wgt*524540/463619 if inrange(age,90,150) & female=
> =0 & inrange(wave,5,7)
(532 real changes made)

```

```

1129
1130replace an2011wgt=old an2011wgt*6124980/5250466 if inrange(age,65,69) & female
    > ==1 & inrange(wave,5,7)
    (20 real changes made)

1131replace an2011wgt=old an2011wgt*4781940/4843444 if inrange(age,70,74) & female
    > ==1 & inrange(wave,5,7)
    (1,195 real changes made)

1132replace an2011wgt=old an2011wgt*3886940/3878674 if inrange(age,75,79) & female
    > ==1 & inrange(wave,5,7)
    (1,350 real changes made)

1133replace an2011wgt=old an2011wgt*3249940/3215654 if inrange(age,80,84) & female
    > ==1 & inrange(wave,5,7)
    (1,369 real changes made)

1134replace an2011wgt=old an2011wgt*2230480/2257969 if inrange(age,85,89) & female
    > ==1 & inrange(wave,5,7)
    (1,285 real changes made)

1135replace an2011wgt=old an2011wgt*1382160/1329677 if inrange(age,90,150) & femal
    > e==1 & inrange(wave,5,7)
    (1,240 real changes made)

1136
1137label var anfinwgt "Updated Analytic Weights"

1138label var an2011wgt "Updated 2011 Analytic Weight for Rds 5+"

1139
1140notes anfinwgt : r*anfinwgt0

1141notes anfinwgt : Analytic final weight, post-stratified to most recent sample
    > frame as in the technical paper

1142notes anfinwgt : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-7
    > header

1143notes anfinwgt : "_"

1144notes anfinwgt : Freedman, VA and BC Spillman. Making National Estimates... NH
    > ATS Technical Paper#17.

1145
1146notes an2011wgt : r*an2011wgt0

1147notes an2011wgt : Analytic final weight, post-stratified to most 2011 sample f
    > rame as in the technical paper

1148notes an2011wgt : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-7
    > header

1149notes an2011wgt : "_"

1150notes an2011wgt : Freedman, VA and BC Spillman. Making National Estimates... N
    > HATS Technical Paper#17.

1151
1152notes old_anfinwgt : r*anfinwgt0

```

```

1153notes old_anfinwgt : Original analytic weight
1154notes old_anfinwgt : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Ste
> p-7 header
1155notes old_anfinwgt : "_"
1156notes old_anfinwgt : Freedman, VA and BC Spillman. Making National Estimates..
> . NHATS Technical Paper#17.
1157
1158notes old_an201lwgt : r*an201lwgt0
1159notes old_an201lwgt : Original analytic weight for 2011 sample frame
1160notes old_an201lwgt : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, St
> ep-7 header
1161notes old_an201lwgt : "_"
1162notes old_an201lwgt : Freedman, VA and BC Spillman. Making National Estimates.
> .. NHATS Technical Paper#17.
1163
1164
1165/*Add notes for raw variables or variables that were created in earlier header
> s*/
1166notes varstrat : r*varstrat
1167notes varunit : r*varunit
1168notes wave : "_"
1169notes wave : Wave assigned to round number
1170notes wave : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-1 head
> er
1171notes proxy_ivw : is*resptype
1172notes proxy_ivw : Is the interview a proxy? 1=yes
1173notes proxy_ivw : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-3
> header
1174notes age : r*dintvwrage r*ddeathage
1175notes age : Age at interview if living or death if LML
1176notes age : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-3 heade
> r
1177notes female : r*dgender
1178notes female : "_"
1179notes female : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-3 he
> ader
1180notes educ_hs_ind : el*higstschl

```

```

1181notes educ_hs_ind : Completed HS+ (includes GED)
1182notes educ_hs_ind : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step
> -3 header
1183notes white : rl*dracehisp
1184notes white : Non-Hispanic White
1185notes white : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-3 hea
> der
1186notes black : rl*dracehisp
1187notes black : Non-Hispanic Black
1188notes black : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-3 hea
> der
1189notes hisp : rl*dracehisp
1190notes hisp : Any Hispanic
1191notes hisp : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-3 head
> er
1192notes other_race : rl*dracehisp
1193notes other_race : Any non-White, non-Black, non-Hispanic race
1194notes other_race : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-
> 1 header
1195notes medicaid : ip*cmedicaid
1196notes medicaid : "_"
1197notes medicaid : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-3
> header
1198notes medigap : ip*mgapmedsp
1199notes medigap : "_"
1200notes medigap : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-3 h
> eader
1201notes srh_fp : hc*health
1202notes srh_fp : SR health is poor or fair (as opposed to good, v. good, or exce
> llent)
1203notes srh_fp : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Step-4 he
> ader
1204notes adl_eat_help : sc*eathelp
1205notes adl_eat_help : Help eating in the last month
1206notes adl_eat_help : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, Ste
> p-5 header

```

```

1207notes adl_bath_help : sc*bathhelp
1208notes adl_bath_help : Help bathing in the last month
1209notes adl_bath_help : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, St
> ep-5 header
1210notes adl_toil_help : sc*toilhelp
1211notes adl_toil_help : Help toiling in the last month
1212notes adl_toil_help : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, St
> ep-5 header
1213notes adl_dres_help : sc*dreshelp
1214notes adl_dres_help : Help dressing in the last month
1215notes adl_dres_help : E:\nhats\nhats_code\NHATS_data_setup\NHATS_Setup.otl, St
> ep-5 header
1216
1217
1218keep spid old_anfinwgt varstrat varunit wave yearsample r7status r6status r5st
> atus r4status r3status r2status rlstatus ivw_type sp_ivw_yes lml_ivw_yes proxy
> _ivw freq_go_out ///
> help_go_out out_on_own needshelp hasdifficulty helpdiff independent homebound_
> cat never_go_out indeplow indephigh age female race_cat education educ_hs_ind
> imputed_incl ///
> imputed_inc2 imputed_inc3 imputed_inc4 imputed_inc5 aveincome income_cat other
> lang white black hisp other_race whiteoth maritalstat medicaid medigap mc_part
> d tricare ///
> private_ltc residence livearrang livealone srh srh_fp sr_ami_ever sr_ami_new s
> r_stroke_ever sr_stroke_new sr_cancer_ever sr_cancer_new sr_hip_ever sr_hip_ne
> w ///
> sr_heart_dis_ever sr_heart_dis_new sr_htn_ever sr_htn_new sr_ra_ever sr_ra_new
> sr_osteoprs_ever sr_osteoprs_new sr_diabetes_ever sr_diabetes_new sr_lung_dis
> _ever ///
> sr_lung_dis_new sr_dementia_ever sr_dementia_new sr_depr_pqq1 sr_depr_pqq2 sr_
> anx_gad1 sr_anx_gad2 sr_phq2_score sr_phq2_depressed sr_gad2_score sr_gad2_anx
> iety ///
> dem_3_cat dem_2_cat memory sr_numconditions1 fall_last_month adl_eat_diff adl_
> eat_help adl_eat_not_done adl_bath_diff adl_bath_help adl_bath_not_done adl_to
> il_diff ///
> adl_toil_help adl_toil_not_done adl_dres_diff adl_dres_help adl_dres_not_done
> iadl_laun_help iadl_laun_diff iadl_laun_not_done iadl_shop_help iadl_shop_diff
> ///
> iadl_shop_not_done iadl_meal_help iadl_meal_diff iadl_meal_not_done iadl_bank_
> help iadl_bank_diff iadl_bank_not_done iadl_meds_help iadl_meds_diff iadl_meds
> _not_done ///
> _ind_meds_diff ind_meds_mistake ind_meds_problem reg_doc have reg_doc_seen reg
> _doc_homevisit sr_hosp_ind sr_hosp_stays prim_helper opid prim_helper_cat ///
> _tot_hrsmonth_help_i n_helpers tot_hrswk_help_i n_family_helpers ind_family_he
> lper_n_paid_helpers ind_paid_helper ind_rc_staff num_helpers_cat tot_hrsmonth_
> paid_i ///
> _tot_hrswk_paid_i ind_no_helpers metro_ind no_acp formal_acp informal_acp acp
> old_an2011wgt trfinwgt tr2011wgt serarmfor dresslf dresdif ntlvrmslp eatdev in
> come_quart ///
> _placedied hospice1 hospice2 hospicelml gripscl walksec1 walkhndr1 gripscl wal
> ksec2 walkhndr2 origwksc nhatswksc nhatsgrav nhatsgrb lst10pnds trytolose evrg
> owalk_vigoractv ///
> _unwgtloss lowphysact lowenergy oftcheer oftbores oftfol oftupset lifemean con
> fident giveup livingsit selfdeter findway adjchg agefeel mealskip nopayhous no
> payutil ///
> _nopaymed mealskipnum sr_skincancer_had sr_breastcancer_had sr_prostatecancer_
> had sr_bladdercancer_had sr_crvovrnutrnrcancer_had sr_coloncancer_had sr_kidney
> cancer_had ///
> _sr_othercancer_had howgetdoc ind_imp_visit ind_imp_relig ind_imp_club ind_imp
> _goout device_out device_insd device_bed device_eat device_bath device_toil de
> vice_dres ///
> _device_any drives avoids ind_transp_disadv get_places1 get_places2 get_places
> _3 get_places4 get_places5 get_places6 get_places7 married marital_sep marital_

```

```

> div ///
> marital_wid marital_nev marriedpartnered marital_sd resspouse hhm agecat attr
> elig imprelig visitfrfam impvisit attclub impclub vigact religvimp smokedever
> ///
> smoke_start_age smoke_stop_age smokesnow numcigsever numcigsnow ind_pain wgt_
> curr height_ft height_in bmi moved community_dwelling nhres rcfres res_care sp
> _status ///
> _prob dem adl_ins_help adl_ins_diff adl_ins_not_done adl_bed_help adl_bed_diff
> adl_bed_not_done ivw_day ivw_month ivw_year adl_index adl_independent adl_imp
> air ///
> iadl_index iadl_independent iadl_impair adl_diff_index adl_diff_ind iadl_diff
> _index iadl_diff_ind ivw_date meals_wheels noone_talk restrnt_takeout nhats_de
> ath_day ///
> nhats_death_date nhats_death_month nhats_death_year eligible_nsoc completed_n
> soc_total_caregiver_comp total_caregiver_elig adverse adverse_laun adverse_sho
> p ///
> adverse_meal adverse_bank adverse_eat adverse_bath adverse_toil adverse_dres
> adverse_out adverse_insd adverse_bed lim_fav lim_fav_yr cohesion_knowwell cohe
> sion_willing ///
> cohesion_peop cohesion_home_disorder_insd home_disorder_outsd home_disorder_a
> rea home_disorder_clutter creditdebt medcreditdebt medbillsovertime medpaynotc
> ash finhlpfam ///
> fingftfam govtasst ownhome rent mortgagepaidoff paysmortgage mortpaymt timein
> mort owedonmort homevalue rentpaid section8 n_social_network division region n
> ortheast ///
> midwest south west n_children stairs_ind livesalone_ind ind_kids eat_jenny to
> il_jenny insd_jenny bed_jenny dres_jenny bath_jenny adlcount_jenny laun_jenny
> meds_jenny ///
> shop_jenny meal_jenny bank_jenny iadlcount_jenny device_mobility spouse_help_
> ind_tot_spousehrs daughter_help_ind tot_daughterhrs son_help_ind tot_sonhrs ot
> herfamily_help_ind ///
> tot_otherfamilyhrs paid_help_ind tot_paidhrs otherinformal_help_ind tot_other
> informalhrs any_paid_by_sp any_paid_by_gov any_paid_by_ins any_paid_by_unk any
> _paid_by_oth ///
> any_paid_by_gov_cat_1 any_paid_by_gov_cat_2 any_paid_by_gov_cat_3 any_paid_by
> _gov_cat_oth any_paid_by_gov_cat_unknown any_paid_by_medicare any_paid_by_medi
> caid any_paid_by_state ///
> ind_gt20hrs_wk inf ind_gt20hrs_wk_paid anfinwgt an201lwgt death_* died_12 die
> d_24*_lml qoc_lml_e

1219
1220
1221saveold "E:\nhats\data\NHATS cleaned\sp_round_1_7", replace version(12)
(saving in Stata 12 format, which can be read by Stata 11 or 12)
file E:\nhats\data\NHATS cleaned\sp_round_1_7.dta saved

1222
1223gen time2d=mofd(nhats_death_date)-mofd(ivw_date)
(39,184 missing values generated)

1224
1225foreach x in 12 24 {
2. gen nhats_died_`x'`=time2d<=`x' if !lml
3. label var nhats_died_`x' "Died w/in `x' months (from NHATS)"
4.
1226}
(2,671 missing values generated)
(2,671 missing values generated)

1227
1228capture log close

```