STaTa®
Statistics/Data Analysis

```
    -------------------------------------------------------------------------
         name:  <unnamed>
          log:  E:\nhats\nhats_code\NHATS data setup\logs\/4_nhats_cleaning_19_Apr_
  > 2019.smcl
     log type:  text
    opened on:  19 Apr 2019, 16:26:54

1 .
2 .
3 .
4 . cd "${work}"
  E:\nhats\data\NHATS working data

5 .
6 . *********************************************
7 .
8 . use round_1_${w}_cleanv2.dta

9 .
10. *********************************************
11. //fall in the last month
12. gen fall_last_month=.
  (47,778 missing values generated)

13. forvalues w=1/$w{
    2.          replace fall_last_month=1 if fllsinmth==1 & wave==`w'
    3.          replace fall_last_month=0 if fllsinmth==2 & wave==`w'
    4.          replace fall_last_month = -7 if fllsinmth==-7 & wave==`w'
    5.          replace fall_last_month = -8 if fllsinmth==-8 & wave==`w'
    6. }
  (832 real changes made)
  (6,777 real changes made)
  (0 real changes made)
  (0 real changes made)
  (750 real changes made)
  (5,302 real changes made)
  (0 real changes made)
  (4 real changes made)
  (573 real changes made)
  (4,304 real changes made)
  (1 real change made)
  (6 real changes made)
  (486 real changes made)
  (3,548 real changes made)
  (0 real changes made)
  (3 real changes made)
  (884 real changes made)
  (6,686 real changes made)
  (0 real changes made)
  (6 real changes made)
  (755 real changes made)
  (5,652 real changes made)
  (0 real changes made)
  (3 real changes made)
  (667 real changes made)
  (4,894 real changes made)
  (0 real changes made)
  (5 real changes made)

14. la var fall_last_month "Fall down in last month"
```

```
15. tab fall_last_month wave, missing

   Fall down |
    in last |                     Survey wave
      month |        1         2         3         4         5 |     Total
 -----------+-------------------------------------------------------+----------
         -8 |        0         4         6         3         6 |        27
         -7 |        0         0         1         0         0 |         1
          0 |    6,777     5,302     4,304     3,548     6,686 |    37,163
          1 |      832       750       573       486       884 |     4,947
          . |      636     1,019       915       700       758 |     5,640
 -----------+-------------------------------------------------------+----------
      Total |    8,245     7,075     5,799     4,737     8,334 |    47,778


   Fall down |
    in last |     Survey wave
      month |        6         7 |     Total
 -----------+--------------------+----------
         -8 |        3         5 |        27
         -7 |        0         0 |         1
          0 |    5,652     4,894 |    37,163
          1 |      755       667 |     4,947
          . |      866       746 |     5,640
 -----------+--------------------+----------
      Total |    7,276     6,312 |    47,778


16.
17. ***********************************************
18. //self care help, using the derived variables in the SC section
19. //uses the "has help" variables (has difficulty, uses devices other options)
20. //if don't know, refused, or not done, set to missing
21. tab deathelp, missing

              R1 D HAS HELP EATING |      Freq.     Percent        Cum.
 ---------------------------------+---------------------------------
               -1 Inapplicable |      3,017        6.31        6.31
   1 No help eating in last month |     40,335       84.42       90.74
      2 Help eating in last month |      4,175        8.74       99.47
 3 DKRF help eating in last month |         98        0.21       99.68
        8 Not done in last month |        153        0.32      100.00
 ---------------------------------+---------------------------------
                         Total |     47,778      100.00

22. rename eatslfdif eatdif

23. rename eatslfoft eatoft

24. capture program drop selfcare

25. program define selfcare
  1.              args act
  2.              gen adl_`act'_diff=.
  3.              gen adl_`act'_help=.
  4.              gen adl_`act'_not_done=.
  5.              forvalues w=1/$w{
  6.                      replace adl_`act'_help=1 if `act'hlp==1 & wave==`w' //yes
  7.                      replace adl_`act'_help=0 if `act'hlp==2 & wave==`w' //no
  8.                      replace adl_`act'_help=0 if `act'hlp==-1 & sp_ivw==1 & wave
 > ==`w' //bias to null
  9.                      replace adl_`act'_help=-7 if `act'hlp==-7 & wave==`w' //ref
 > used
 10.                      replace adl_`act'_help=-8 if `act'hlp==-8 & wave==`w' //DK
 11.                      replace adl_`act'_diff=`act'dif>1 if `act'dif>0 & wave==`w'
 12.                      replace adl_`act'_not_done=`act'oft==4 if `act'oft>0 & wave
 > ==`w'
 13. }
 14.          tab adl_`act'_help wave, missing
 15.          tab adl_`act'_help wave if ivw_type==1, missing
 16.          *replace adl_`act'_diff=1 if adl_`act'_help==1
```

```
26.
27. end

28.
29. selfcare eat
   (47,778 missing values generated)
   (47,778 missing values generated)
   (47,778 missing values generated)
   (420 real changes made)
   (7,180 real changes made)
   (6 real changes made)
   (1 real change made)
   (2 real changes made)
   (7,540 real changes made)
   (419 real changes made)
   (648 real changes made)
   (5,843 real changes made)
   (55 real changes made)
   (4 real changes made)
   (9 real changes made)
   (6,003 real changes made)
   (359 real changes made)
   (622 real changes made)
   (4,712 real changes made)
   (51 real changes made)
   (3 real changes made)
   (19 real changes made)
   (4,815 real changes made)
   (328 real changes made)
   (548 real changes made)
   (3,858 real changes made)
   (16 real changes made)
   (1 real change made)
   (18 real changes made)
   (3,987 real changes made)
   (299 real changes made)
   (624 real changes made)
   (7,219 real changes made)
   (18 real changes made)
   (0 real changes made)
   (11 real changes made)
   (7,507 real changes made)
   (438 real changes made)
   (687 real changes made)
   (6,174 real changes made)
   (22 real changes made)
   (1 real change made)
   (12 real changes made)
   (6,347 real changes made)
   (399 real changes made)
   (626 real changes made)
   (5,349 real changes made)
   (33 real changes made)
   (2 real changes made)
   (15 real changes made)
   (5,497 real changes made)
   (358 real changes made)
```

```
  adl_eat_he |                          Survey wave
         lp |         1          2          3          4          5 |      Total
-----------+-------------------------------------------------------+----------
         -8 |         2          9         19         18         11 |         86
         -7 |         1          4          3          1          0 |         12
          0 |     7,186      5,898      4,763      3,874      7,237 |     40,536
          1 |       420        648        622        548        624 |      4,175
          . |       636        516        392        296        462 |      2,969
-----------+-------------------------------------------------------+----------
      Total |     8,245      7,075      5,799      4,737      8,334 |     47,778
```

```
adl_eat_he |     Survey wave
       lp |        6            7 |     Total
-----------+----------------------+----------
       -8 |       12           15 |        86
       -7 |        1            2 |        12
        0 |    6,196        5,382 |    40,536
        1 |      687          626 |     4,175
        . |      380          287 |     2,969
-----------+----------------------+----------
    Total |    7,276        6,312 |    47,778
```

```
adl_eat_he |                      Survey wave
       lp |        1         2         3         4         5 |     Total
-----------+-------------------------------------------------+----------
       -8 |        2         0         2         2         5 |        14
       -7 |        1         2         3         1         0 |         7
        0 |    7,186     5,695     4,551     3,735     7,131 |    39,513
        1 |      420       359       328       299       440 |     2,604
-----------+-------------------------------------------------+----------
    Total |    7,609     6,056     4,884     4,037     7,576 |    42,138
```

```
adl_eat_he |     Survey wave
       lp |        6            7 |     Total
-----------+----------------------+----------
       -8 |        0            3 |        14
       -7 |        0            0 |         7
        0 |    6,010        5,205 |    39,513
        1 |      400          358 |     2,604
-----------+----------------------+----------
    Total |    6,410        5,566 |    42,138
```

30. selfcare bath
   (47,778 missing values generated)
   (47,778 missing values generated)
   (47,778 missing values generated)
   (814 real changes made)
   (6,783 real changes made)
   (9 real changes made)
   (0 real changes made)
   (3 real changes made)
   (7,141 real changes made)
   (813 real changes made)
   (1,132 real changes made)
   (5,373 real changes made)
   (51 real changes made)
   (0 real changes made)
   (3 real changes made)
   (5,607 real changes made)
   (737 real changes made)
   (1,028 real changes made)
   (4,317 real changes made)
   (55 real changes made)
   (1 real change made)
   (6 real changes made)
   (4,502 real changes made)
   (630 real changes made)
   (868 real changes made)
   (3,544 real changes made)
   (25 real changes made)
   (0 real changes made)
   (4 real changes made)
   (3,693 real changes made)
   (530 real changes made)
   (1,093 real changes made)
   (6,755 real changes made)
   (21 real changes made)
   (0 real changes made)
   (3 real changes made)
   (7,090 real changes made)

(850 real changes made)
(1,155 real changes made)
(5,710 real changes made)
(25 real changes made)
(0 real changes made)
(6 real changes made)
(5,956 real changes made)
(776 real changes made)
(1,047 real changes made)
(4,936 real changes made)
(33 real changes made)
(0 real changes made)
(9 real changes made)
(5,170 real changes made)
(690 real changes made)

```
adl_bath_h |                        Survey wave
      elp |       1         2         3         4         5 |     Total
-----------+-------------------------------------------------+----------
       -8 |       3         3         6         4         3 |        34
       -7 |       0         0         1         0         0 |         1
        0 |   6,792     5,424     4,372     3,569     6,776 |    37,637
        1 |     814     1,132     1,028       868     1,093 |     7,137
        . |     636       516       392       296       462 |     2,969
-----------+-------------------------------------------------+----------
    Total |   8,245     7,075     5,799     4,737     8,334 |    47,778


adl_bath_h |    Survey wave
      elp |       6         7 |     Total
-----------+--------------------+----------
       -8 |       6         9 |        34
       -7 |       0         0 |         1
        0 |   5,735     4,969 |    37,637
        1 |   1,155     1,047 |     7,137
        . |     380       287 |     2,969
-----------+--------------------+----------
    Total |   7,276     6,312 |    47,778


adl_bath_h |                        Survey wave
      elp |       1         2         3         4         5 |     Total
-----------+-------------------------------------------------+----------
       -8 |       3         2         1         1         3 |        13
       -7 |       0         0         1         0         0 |         1
        0 |   6,792     5,316     4,250     3,505     6,719 |    37,088
        1 |     814       738       632       531       854 |     5,036
-----------+-------------------------------------------------+----------
    Total |   7,609     6,056     4,884     4,037     7,576 |    42,138


adl_bath_h |    Survey wave
      elp |       6         7 |     Total
-----------+--------------------+----------
       -8 |       2         1 |        13
       -7 |       0         0 |         1
        0 |   5,631     4,875 |    37,088
        1 |     777       690 |     5,036
-----------+--------------------+----------
    Total |   6,410     5,566 |    42,138
```

31. selfcare toil
   (47,778 missing values generated)
   (47,778 missing values generated)
   (47,778 missing values generated)
   (331 real changes made)
   (7,268 real changes made)
   (0 real changes made)
   (4 real changes made)
   (6 real changes made)
   (7,474 real changes made)
   (331 real changes made)
   (579 real changes made)
   (5,927 real changes made)
   (27 real changes made)
   (10 real changes made)
   (16 real changes made)
   (5,911 real changes made)
   (285 real changes made)
   (552 real changes made)
   (4,802 real changes made)
   (21 real changes made)
   (6 real changes made)
   (26 real changes made)
   (4,749 real changes made)
   (264 real changes made)
   (469 real changes made)
   (3,946 real changes made)
   (0 real changes made)
   (1 real change made)
   (25 real changes made)
   (3,910 real changes made)
   (242 real changes made)
   (515 real changes made)
   (7,335 real changes made)
   (0 real changes made)
   (0 real changes made)
   (22 real changes made)
   (7,393 real changes made)
   (342 real changes made)
   (589 real changes made)
   (6,285 real changes made)
   (0 real changes made)
   (3 real changes made)
   (19 real changes made)
   (6,254 real changes made)
   (309 real changes made)
   (496 real changes made)
   (5,502 real changes made)
   (0 real changes made)
   (4 real changes made)
   (23 real changes made)
   (5,429 real changes made)
   (263 real changes made)

```
 adl_toil_h |                    Survey wave
       elp |     1        2        3        4        5 |    Total
-----------+-------------------------------------------------------+----------
        -8 |     6       16       26       25       22 |      137
        -7 |     4       10        6        1        0 |       28
         0 | 7,268    5,954    4,823    3,946    7,335 |   41,113
         1 |   331      579      552      469      515 |    3,531
         . |   636      516      392      296      462 |    2,969
-----------+-------------------------------------------------------+----------
     Total | 8,245    7,075    5,799    4,737    8,334 |   47,778
```

```
adl_toil_h |     Survey wave
      elp |        6            7 |     Total
-----------+----------------------+----------
       -8 |       19           23 |       137
       -7 |        3            4 |        28
        0 |    6,285        5,502 |    41,113
        1 |      589          496 |     3,531
        . |      380          287 |     2,969
-----------+----------------------+----------
    Total |    7,276        6,312 |    47,778


adl_toil_h |                            Survey wave
      elp |        1            2            3            4            5 |     Total
-----------+-------------------------------------------------------------+----------
       -8 |        6            2            6            7           12 |        40
       -7 |        4            6            5            1            0 |        17
        0 |    7,268        5,762        4,608        3,787        7,221 |    40,040
        1 |      331          286          265          242          343 |     2,041
-----------+-------------------------------------------------------------+----------
    Total |    7,609        6,056        4,884        4,037        7,576 |    42,138


adl_toil_h |     Survey wave
      elp |        6            7 |     Total
-----------+----------------------+----------
       -8 |        4            3 |        40
       -7 |        1            0 |        17
        0 |    6,094        5,300 |    40,040
        1 |      311          263 |     2,041
-----------+----------------------+----------
    Total |    6,410        5,566 |    42,138


32. selfcare dres
   (47,778 missing values generated)
   (47,778 missing values generated)
   (47,778 missing values generated)
   (936 real changes made)
   (6,616 real changes made)
   (55 real changes made)
   (1 real change made)
   (1 real change made)
   (7,297 real changes made)
   (7,604 real changes made)
   (1,109 real changes made)
   (5,326 real changes made)
   (115 real changes made)
   (0 real changes made)
   (9 real changes made)
   (5,803 real changes made)
   (6,521 real changes made)
   (1,056 real changes made)
   (4,259 real changes made)
   (87 real changes made)
   (0 real changes made)
   (5 real changes made)
   (4,631 real changes made)
   (5,372 real changes made)
   (925 real changes made)
   (3,453 real changes made)
   (59 real changes made)
   (0 real changes made)
   (4 real changes made)
   (3,811 real changes made)
   (4,429 real changes made)
   (1,259 real changes made)
   (6,536 real changes made)
   (68 real changes made)
   (0 real changes made)
   (9 real changes made)
   (7,245 real changes made)
```

(7,863 real changes made)
(1,316 real changes made)
(5,497 real changes made)
(78 real changes made)
(0 real changes made)
(5 real changes made)
(6,121 real changes made)
(6,883 real changes made)
(1,170 real changes made)
(4,765 real changes made)
(82 real changes made)
(0 real changes made)
(8 real changes made)
(5,306 real changes made)
(6,011 real changes made)

```
adl_dres_h |                       Survey wave
      elp |        1          2          3          4          5 |      Total
-----------+-------------------------------------------------------+----------
       -8 |        1          9          5          4          9 |         41
       -7 |        1          0          0          0          0 |          1
        0 |    6,671      5,441      4,346      3,512      6,604 |     36,996
        1 |      936      1,109      1,056        925      1,259 |      7,771
        . |      636        516        392        296        462 |      2,969
-----------+-------------------------------------------------------+----------
    Total |    8,245      7,075      5,799      4,737      8,334 |     47,778
```

```
adl_dres_h |      Survey wave
      elp |        6          7 |      Total
-----------+----------------------+----------
       -8 |        5          8 |         41
       -7 |        0          0 |          1
        0 |    5,575      4,847 |     36,996
        1 |    1,316      1,170 |      7,771
        . |      380        287 |      2,969
-----------+----------------------+----------
    Total |    7,276      6,312 |     47,778
```

```
adl_dres_h |                       Survey wave
      elp |        1          2          3          4          5 |      Total
-----------+-------------------------------------------------------+----------
       -8 |        1          4          2          3          5 |         17
       -7 |        1          0          0          0          0 |          1
        0 |    6,671      5,269      4,195      3,401      6,529 |     36,222
        1 |      936        783        687        633      1,042 |      5,898
-----------+-------------------------------------------------------+----------
    Total |    7,609      6,056      4,884      4,037      7,576 |     42,138
```

```
adl_dres_h |      Survey wave
      elp |        6          7 |      Total
-----------+----------------------+----------
       -8 |        0          2 |         17
       -7 |        0          0 |          1
        0 |    5,445      4,712 |     36,222
        1 |      965        852 |      5,898
-----------+----------------------+----------
    Total |    6,410      5,566 |     42,138
```

```
33.
34. la var adl_eat_help "Has help while eating"

35. la var adl_bath_help "Has help while bathing"

36. la var adl_toil_help "Has help while toileting"

37. la var adl_dres_help "Has help while dressing"

38. *********************************************
39. //household activity help, using derived variables in the HA section
40. //if did not do by self b/c of health
41. //reason only or health and other reason, then new help var ==1
42. tab dlaunsfdf dlaunreas if wave==1, missing
```

R1 D LAUNDRY SELF AND DIFF LEVEL	-8 DK	-7 RF	-1 Inappl	1 Health	Total
-1 Inapplicable	0	0	636	0	636
1 Did not do by sel	0	0	0	944	3,061
2 Did by self in la	1	0	3,714	26	4,088
3 Did by self in la	0	0	347	57	437
5 DKRF did by self	1	0	0	0	1
6 Did by self in la	0	0	1	0	2
7 DKRF did by self	0	2	0	0	2
8 Not done in last m	0	0	0	11	18
Total	2	2	4,698	1,038	8,245

R1 D LAUNDRY SELF AND DIFF LEVEL	2 Other	3 Both h	4 Servic	Total
-1 Inapplicable	0	0	0	636
1 Did not do by sel	1,920	36	161	3,061
2 Did by self in la	324	3	20	4,088
3 Did by self in la	27	2	4	437
5 DKRF did by self	0	0	0	1
6 Did by self in la	1	0	0	2
7 DKRF did by self	0	0	0	2
8 Not done in last m	7	0	0	18
Total	2,279	41	185	8,245

```
43. tab dlaunsfdf dlaunreas if wave==2, missing
```

R1 D LAUNDRY SELF AND DIFF LEVEL	-7 RF	-1 Inappl	1 Health	2 Other	Total
-1 Inapplicable	0	1,019	0	0	1,019
1 Did not do by sel	0	0	739	1,459	2,452
2 Did by self in la	0	2,898	18	327	3,280
3 Did by self in la	0	242	37	20	310
4 DKRF did by self	1	0	0	0	1
7 DKRF did by self	2	0	0	1	4
8 Not done in last m	0	0	7	1	9
Total	3	4,159	801	1,808	7,075

```
                     | R1 D LAUNDRY REASN
  R1 D LAUNDRY SELF AND |    WITH BY OTHERS
          DIFF LEVEL |  3 Both h  4 Servic |    Total
--------------------+--------------------+----------
      -1 Inapplicable |       0         0 |    1,019
  1  Did not do by sel |      77       177 |    2,452
  2  Did by self in la |       7        30 |    3,280
  3  Did by self in la |       6         5 |      310
  4  DKRF did by self  |       0         0 |        1
  7  DKRF did by self  |       0         1 |        4
  8 Not done in last m |       1         0 |        9
--------------------+--------------------+----------
            Total |      91       213 |    7,075
```

44.
45. capture program drop hhact

46. program define hhact
  1.   args act
  2.
47.   gen iadl_`act'_help=.
  3.   gen iadl_`act'_diff=.
  4.   gen iadl_`act'_not_done=.
  5.   forvalues w=1/$w{
  6.   replace iadl_`act'_help=1 if inlist(d`act'sfdf,1,8) & ///
  >   inlist(d`act'reas,1,3) & wave==`w'
  7.   replace iadl_`act'_help=0 if inlist(d`act'sfdf,2,3,6) & wav
  > e==`w' //did by self
  8.   replace iadl_`act'_help=0 if inlist(d`act'sfdf,1,8) & ///
  >   inlist(d`act'reas,2,4) & wave==`w'
  9.   replace iadl_`act'_help=-8 if inlist(d`act'sfdf,4,5,7) & wa
  > ve==`w' //dkrf
 10.   replace iadl_`act'_help=-8 if inlist(d`act'sfdf,1,8) & ///
  >   inlist(d`act'reas,-7,-8) & wave==`w'
 11.   replace iadl_`act'_diff=`act'dif>1 if `act'dif>0 & wave==`w
  > '
 12.   replace iadl_`act'_not_done=`act'==5 if `act'>0 & wave==`w'
 13.   }
 14.   tab iadl_`act'_help wave, missing
 15.   tab iadl_`act'_help wave if ivw_type==1, missing
 16.   *replace iadl_`act'_diff=1 if iadl_`act'_help==1
48.   end

49.
50. hhact laun
  (47,778 missing values generated)
  (47,778 missing values generated)
  (47,778 missing values generated)
  (991 real changes made)
  (4,527 real changes made)
  (2,088 real changes made)
  (3 real changes made)
  (0 real changes made)
  (4,526 real changes made)
  (7,606 real changes made)
  (824 real changes made)
  (3,590 real changes made)
  (1,637 real changes made)
  (5 real changes made)
  (0 real changes made)
  (3,591 real changes made)
  (6,053 real changes made)
  (612 real changes made)
  (2,922 real changes made)
  (1,346 real changes made)
  (2 real changes made)
  (2 real changes made)
  (2,922 real changes made)
  (4,882 real changes made)
  (511 real changes made)
  (2,389 real changes made)
```

```
(1,135 real changes made)
(1 real change made)
(1 real change made)
(2,389 real changes made)
(4,036 real changes made)
(890 real changes made)
(4,646 real changes made)
(2,032 real changes made)
(7 real changes made)
(1 real change made)
(4,647 real changes made)
(7,572 real changes made)
(798 real changes made)
(3,891 real changes made)
(1,718 real changes made)
(1 real change made)
(2 real changes made)
(3,892 real changes made)
(6,409 real changes made)
(678 real changes made)
(3,383 real changes made)
(1,502 real changes made)
(0 real changes made)
(3 real changes made)
(3,383 real changes made)
(5,566 real changes made)
```

```
iadl_laun_ |                        Survey wave
     help |     1          2          3          4          5 |     Total
-----------+-------------------------------------------------------+----------
        -8 |     3          5          4          2          8 |        28
         0 | 6,615      5,227      4,268      3,524      6,678 |    36,806
         1 |   991        824        612        511        890 |     5,304
         . |   636      1,019        915        700        758 |     5,640
-----------+-------------------------------------------------------+----------
     Total | 8,245      7,075      5,799      4,737      8,334 |    47,778
```

```
iadl_laun_ |   Survey wave
     help |     6          7 |     Total
-----------+----------------------+----------
        -8 |     3          3 |        28
         0 | 5,609      4,885 |    36,806
         1 |   798        678 |     5,304
         . |   866        746 |     5,640
-----------+----------------------+----------
     Total | 7,276      6,312 |    47,778
```

```
iadl_laun_ |                        Survey wave
     help |     1          2          3          4          5 |     Total
-----------+-------------------------------------------------------+----------
        -8 |     3          5          4          2          8 |        28
         0 | 6,615      5,227      4,268      3,524      6,678 |    36,806
         1 |   991        824        612        511        890 |     5,304
-----------+-------------------------------------------------------+----------
     Total | 7,609      6,056      4,884      4,037      7,576 |    42,138
```

```
iadl_laun_ |   Survey wave
     help |     6          7 |     Total
-----------+----------------------+----------
        -8 |     3          3 |        28
         0 | 5,609      4,885 |    36,806
         1 |   798        678 |     5,304
-----------+----------------------+----------
     Total | 6,410      5,566 |    42,138
```

51. hhact shop
    (47,778 missing values generated)
    (47,778 missing values generated)
    (47,778 missing values generated)
    (1,546 real changes made)
    (4,077 real changes made)
    (1,982 real changes made)
    (2 real changes made)
    (2 real changes made)
    (4,078 real changes made)
    (7,607 real changes made)
    (1,342 real changes made)
    (3,278 real changes made)
    (1,431 real changes made)
    (4 real changes made)
    (1 real change made)
    (3,277 real changes made)
    (6,053 real changes made)
    (1,103 real changes made)
    (2,676 real changes made)
    (1,100 real changes made)
    (2 real changes made)
    (3 real changes made)
    (2,675 real changes made)
    (4,882 real changes made)
    (847 real changes made)
    (2,242 real changes made)
    (941 real changes made)
    (3 real changes made)
    (4 real changes made)
    (2,240 real changes made)
    (4,034 real changes made)
    (1,491 real changes made)
    (4,356 real changes made)
    (1,722 real changes made)
    (1 real change made)
    (6 real changes made)
    (4,356 real changes made)
    (7,575 real changes made)
    (1,292 real changes made)
    (3,760 real changes made)
    (1,353 real changes made)
    (2 real changes made)
    (3 real changes made)
    (3,760 real changes made)
    (6,408 real changes made)
    (1,152 real changes made)
    (3,238 real changes made)
    (1,167 real changes made)
    (4 real changes made)
    (5 real changes made)
    (3,239 real changes made)
    (5,563 real changes made)

```
iadl_shop_ |                       Survey wave
     help |      1        2        3        4        5 |    Total
----------+-------------------------------------------------------+----------
       -8 |      4        5        5        7        7 |       42
        0 |  6,059    4,709    3,776    3,183    6,078 |   33,323
        1 |  1,546    1,342    1,103      847    1,491 |    8,773
        . |    636    1,019      915      700      758 |    5,640
----------+-------------------------------------------------------+----------
    Total |  8,245    7,075    5,799    4,737    8,334 |   47,778
```

```
iadl_shop_ |       Survey wave
      help |      6            7 |     Total
-----------+----------------------+----------
        -8 |      5            9 |        42
         0 |  5,113        4,405 |    33,323
         1 |  1,292        1,152 |     8,773
         . |    866          746 |     5,640
-----------+----------------------+----------
     Total |  7,276        6,312 |    47,778
```

```
iadl_shop_ |                            Survey wave
      help |      1          2          3          4          5 |     Total
-----------+----------------------------------------------------+----------
        -8 |      4          5          5          7          7 |        42
         0 |  6,059      4,709      3,776      3,183      6,078 |    33,323
         1 |  1,546      1,342      1,103        847      1,491 |     8,773
-----------+----------------------------------------------------+----------
     Total |  7,609      6,056      4,884      4,037      7,576 |    42,138
```

```
iadl_shop_ |       Survey wave
      help |      6            7 |     Total
-----------+----------------------+----------
        -8 |      5            9 |        42
         0 |  5,113        4,405 |    33,323
         1 |  1,292        1,152 |     8,773
-----------+----------------------+----------
     Total |  6,410        5,566 |    42,138
```

52. hhact meal
  (47,778 missing values generated)
  (47,778 missing values generated)
  (47,778 missing values generated)
  (883 real changes made)
  (4,915 real changes made)
  (1,806 real changes made)
  (3 real changes made)
  (2 real changes made)
  (4,916 real changes made)
  (7,606 real changes made)
  (759 real changes made)
  (3,881 real changes made)
  (1,413 real changes made)
  (3 real changes made)
  (0 real changes made)
  (3,879 real changes made)
  (6,053 real changes made)
  (550 real changes made)
  (3,204 real changes made)
  (1,126 real changes made)
  (2 real changes made)
  (2 real changes made)
  (3,202 real changes made)
  (4,882 real changes made)
  (434 real changes made)
  (2,649 real changes made)
  (951 real changes made)
  (2 real changes made)
  (1 real change made)
  (2,646 real changes made)
  (4,035 real changes made)
  (776 real changes made)
  (5,038 real changes made)
  (1,755 real changes made)
  (4 real changes made)
  (3 real changes made)
  (5,038 real changes made)
  (7,572 real changes made)
  (664 real changes made)
  (4,293 real changes made)

(1,449 real changes made)
(2 real changes made)
(2 real changes made)
(4,291 real changes made)
(6,409 real changes made)
(565 real changes made)
(3,743 real changes made)
(1,252 real changes made)
(6 real changes made)
(0 real changes made)
(3,743 real changes made)
(5,562 real changes made)

```
iadl_meal_ |                          Survey wave
     help |         1         2         3         4         5 |     Total
-----------+-------------------------------------------------------+----------
       -8 |         5         3         4         3         7 |        32
        0 |     6,721     5,294     4,330     3,600     6,793 |    37,475
        1 |       883       759       550       434       776 |     4,631
        . |       636     1,019       915       700       758 |     5,640
-----------+-------------------------------------------------------+----------
    Total |     8,245     7,075     5,799     4,737     8,334 |    47,778


iadl_meal_ |     Survey wave
     help |         6         7 |     Total
-----------+----------------------+----------
       -8 |         4         6 |        32
        0 |     5,742     4,995 |    37,475
        1 |       664       565 |     4,631
        . |       866       746 |     5,640
-----------+----------------------+----------
    Total |     7,276     6,312 |    47,778


iadl_meal_ |                          Survey wave
     help |         1         2         3         4         5 |     Total
-----------+-------------------------------------------------------+----------
       -8 |         5         3         4         3         7 |        32
        0 |     6,721     5,294     4,330     3,600     6,793 |    37,475
        1 |       883       759       550       434       776 |     4,631
-----------+-------------------------------------------------------+----------
    Total |     7,609     6,056     4,884     4,037     7,576 |    42,138


iadl_meal_ |     Survey wave
     help |         6         7 |     Total
-----------+----------------------+----------
       -8 |         4         6 |        32
        0 |     5,742     4,995 |    37,475
        1 |       664       565 |     4,631
-----------+----------------------+----------
    Total |     6,410     5,566 |    42,138
```

53. hhact bank
   (47,778 missing values generated)
   (47,778 missing values generated)
   (47,778 missing values generated)
   (1,103 real changes made)
   (4,728 real changes made)
   (1,750 real changes made)
   (28 real changes made)
   (0 real changes made)
   (4,735 real changes made)
   (7,583 real changes made)
   (1,000 real changes made)
   (3,765 real changes made)
   (1,282 real changes made)
   (9 real changes made)
   (0 real changes made)
   (3,766 real changes made)

```
(6,047 real changes made)
(821 real changes made)
(3,011 real changes made)
(1,044 real changes made)
(8 real changes made)
(0 real changes made)
(3,012 real changes made)
(4,877 real changes made)
(631 real changes made)
(2,526 real changes made)
(873 real changes made)
(7 real changes made)
(0 real changes made)
(2,526 real changes made)
(4,031 real changes made)
(1,043 real changes made)
(4,920 real changes made)
(1,587 real changes made)
(22 real changes made)
(4 real changes made)
(4,929 real changes made)
(7,554 real changes made)
(930 real changes made)
(4,155 real changes made)
(1,302 real changes made)
(20 real changes made)
(3 real changes made)
(4,159 real changes made)
(6,394 real changes made)
(815 real changes made)
(3,630 real changes made)
(1,100 real changes made)
(13 real changes made)
(8 real changes made)
(3,633 real changes made)
(5,554 real changes made)
```

iadl_bank_ help	Survey wave 1	2	3	4	5	Total
-8	28	9	8	7	26	122
0	6,478	5,047	4,055	3,399	6,507	35,673
1	1,103	1,000	821	631	1,043	6,343
.	636	1,019	915	700	758	5,640
Total	8,245	7,075	5,799	4,737	8,334	47,778

iadl_bank_ help	Survey wave 6	7	Total
-8	23	21	122
0	5,457	4,730	35,673
1	930	815	6,343
.	866	746	5,640
Total	7,276	6,312	47,778

iadl_bank_ help	Survey wave 1	2	3	4	5	Total
-8	28	9	8	7	26	122
0	6,478	5,047	4,055	3,399	6,507	35,673
1	1,103	1,000	821	631	1,043	6,343
Total	7,609	6,056	4,884	4,037	7,576	42,138

```
iadl_bank_ |      Survey wave
      help |       6          7 |     Total
-----------+----------------------+----------
        -8 |      23         21 |       122
         0 |   5,457      4,730 |    35,673
         1 |     930        815 |     6,343
-----------+----------------------+----------
     Total |   6,410      5,566 |    42,138
```

54.
55. la var iadl_laun_help "Rec'd help doing laundry last month"

56. la var iadl_shop_help "Rec'd help shopping last month"

57. la var iadl_meal_help "Rec'd help preparing meals last month"

58. la var iadl_bank_help "Rec'd help with banking last month"

59.
60. //taking medications, questions slightly different and in mc section
61. //set to =0 if do not take medications
62. tab dmedssfdf dmedsreas if wave==1, missing

```
    R1 D DIFF LEVEL |        R1 D MEDS REASN BY WITH OTHERS
   MEDICATIONS SELF |    -8 DK      -7 RF  -1 Inappl   1 Health |     Total
--------------------+--------------------------------------------+----------
      -1 Inapplicable |      0          0        636          0 |       636
  1 Did not do by self |      2          0          0        777 |     1,220
  2 Did by self in las |      1          0      5,115         18 |     5,185
  3 Did by self in las |      0          0        504         28 |       549
  6 Did by self in las |      0          0          1          0 |         1
  7 DKRF did by self i |      1          1          0          0 |         2
  8 not done in last m |      0          0          0          2 |         3
  9 no or DKRF if medi |      0          0        649          0 |       649
--------------------+--------------------------------------------+----------
              Total |      4          1      6,905        825 |     8,245
```

```
                    | R1 D MEDS REASN BY
    R1 D DIFF LEVEL |    WITH OTHERS
   MEDICATIONS SELF | 2 Other    4 Servic |     Total
--------------------+----------------------+----------
      -1 Inapplicable |      0          0 |       636
  1 Did not do by self |    304        137 |     1,220
  2 Did by self in las |     49          2 |     5,185
  3 Did by self in las |     16          1 |       549
  6 Did by self in las |      0          0 |         1
  7 DKRF did by self i |      0          0 |         2
  8 not done in last m |      1          0 |         3
  9 no or DKRF if medi |      0          0 |       649
--------------------+----------------------+----------
              Total |    370        140 |     8,245
```

63. tab dmedssfdf dmedsreas if wave==2, missing

```
    R1 D DIFF LEVEL |        R1 D MEDS REASN BY WITH OTHERS
   MEDICATIONS SELF |    -8 DK      -7 RF  -1 Inappl   1 Health |     Total
--------------------+--------------------------------------------+----------
      -1 Inapplicable |      0          0      1,019          0 |     1,019
  1 Did not do by self |      0          0          0        620 |     1,076
  2 Did by self in las |      2          0      4,021         14 |     4,072
  3 Did by self in las |      0          0        374         26 |       413
  6 Did by self in las |      0          0          0          0 |         1
  7 DKRF did by self i |      0          1          0          0 |         1
  8 not done in last m |      0          0          0          2 |         3
  9 no or DKRF if medi |      0          0        490          0 |       490
--------------------+--------------------------------------------+----------
              Total |      2          1      5,904        662 |     7,075
```

```
          R1 D DIFF LEVEL |  R1 D MEDS REASN BY WITH OTHERS
          MEDICATIONS SELF |  2 Other    3 Both h   4 Servic |    Total
     --------------------+---------------------------------+----------
          -1 Inapplicable |        0          0          0 |    1,019
      1 Did not do by self |      218         61        177 |    1,076
      2 Did by self in las |       30          4          1 |    4,072
      3 Did by self in las |       10          3          0 |      413
      6 Did by self in las |        1          0          0 |        1
      7 DKRF did by self i |        0          0          0 |        1
      8 not done in last m |        1          0          0 |        3
      9 no or DKRF if medi |        0          0          0 |      490
     --------------------+---------------------------------+----------
                   Total |      260         68        178 |    7,075
```

64.
65. gen iadl_meds_help=.
  (47,778 missing values generated)

66. gen iadl_meds_diff=.
  (47,778 missing values generated)

67. gen iadl_meds_not_done=.
  (47,778 missing values generated)

```
68. forvalues w=1/$w{
   2.          replace iadl_meds_help=1 if inlist(dmedssfdf,1,8) & ///
 >              inlist(dmedsreas,1,3) & wave==`w'
   3.          //did by self or don't take medications
69.          replace iadl_meds_help=0 if inlist(dmedssfdf,2,3,6,9) & wave==`w'
   4.          replace iadl_meds_help=0 if inlist(dmedssfdf,1,8) & ///
 >              inlist(dmedsreas,2,4) & wave==`w'
   5.          replace iadl_meds_help=-8 if dmedssfdf == 7 & wave==`w'
   6.          replace iadl_meds_help=-8 if inlist(dmedssfdf,1,8) & ///
 >              inlist(dmedsreas,-7,-8) & wave==`w'
   7.          replace iadl_meds_diff=medsdif>1 if medsdif>0 & wave==`w'
   8.          replace iadl_meds_not_done=inlist(dmedssfdf,1,8) if wave==`w'
   9. }
```
  (779 real changes made)
  (6,384 real changes made)
  (442 real changes made)
  (2 real changes made)
  (2 real changes made)
  (5,734 real changes made)
  (8,245 real changes made)
  (683 real changes made)
  (4,976 real changes made)
  (396 real changes made)
  (1 real change made)
  (0 real changes made)
  (4,485 real changes made)
  (7,075 real changes made)
  (531 real changes made)
  (3,992 real changes made)
  (359 real changes made)
  (0 real changes made)
  (2 real changes made)
  (3,617 real changes made)
  (5,799 real changes made)
  (414 real changes made)
  (3,266 real changes made)
  (355 real changes made)
  (0 real changes made)
  (2 real changes made)
  (2,987 real changes made)
  (4,737 real changes made)
  (710 real changes made)
  (6,330 real changes made)
  (532 real changes made)
  (1 real change made)
  (2 real changes made)
  (5,710 real changes made)

```
(8,334 real changes made)
(597 real changes made)
(5,329 real changes made)
(479 real changes made)
(0 real changes made)
(4 real changes made)
(4,827 real changes made)
(7,276 real changes made)
(533 real changes made)
(4,582 real changes made)
(448 real changes made)
(1 real change made)
(2 real changes made)
(4,181 real changes made)
(6,312 real changes made)
```

70.
71. la var iadl_meds_help "Rec'd help taking medications last month"

72. tab iadl_meds_help wave, missing

```
  Rec'd help |
      taking |
  medication |
     s last |                       Survey wave
      month |         1          2          3          4          5 |     Total
 -----------+-------------------------------------------------------+----------
         -8 |         4          1          2          2          3 |        19
          0 |     6,826      5,372      4,351      3,621      6,862 |    37,870
          1 |       779        683        531        414        710 |     4,247
          . |       636      1,019        915        700        759 |     5,642
 -----------+-------------------------------------------------------+----------
      Total |     8,245      7,075      5,799      4,737      8,334 |    47,778
```

```
  Rec'd help |
      taking |
  medication |
     s last |     Survey wave
      month |         6          7 |     Total
 -----------+----------------------+----------
         -8 |         4          3 |        19
          0 |     5,808      5,030 |    37,870
          1 |       597        533 |     4,247
          . |       867        746 |     5,642
 -----------+----------------------+----------
      Total |     7,276      6,312 |    47,778
```

73. tab iadl_meds_help wave if ivw_type==1, missing

```
  Rec'd help |
      taking |
  medication |
     s last |                       Survey wave
      month |         1          2          3          4          5 |     Total
 -----------+-------------------------------------------------------+----------
         -8 |         4          1          2          2          3 |        19
          0 |     6,826      5,372      4,351      3,621      6,862 |    37,870
          1 |       779        683        531        414        710 |     4,247
          . |         0          0          0          0          1 |         2
 -----------+-------------------------------------------------------+----------
      Total |     7,609      6,056      4,884      4,037      7,576 |    42,138
```

```
   Rec'd help |
      taking |
  medication |
     s last  |      Survey wave
       month |        6           7 |      Total
   ----------+----------------------+----------
         -8  |        4           3 |         19
          0  |    5,808       5,030 |     37,870
          1  |      597         533 |      4,247
          .  |        1           0 |          2
   ----------+----------------------+----------
      Total  |    6,410       5,566 |     42,138


74. replace iadl_meds_diff=1 if iadl_meds_help==1
   (4,247 real changes made)

75.
76. //other meds questions, for treatment burden
77. gen ind_meds_diff=.
   (47,778 missing values generated)

78. gen ind_meds_mistake=.
   (47,778 missing values generated)

79. forvalues w=1/$w{
     2. replace ind_meds_diff=inlist(medsdif,2,3,4) if medsdif>0 & !missing(medsdif
   > ) & wave==`w'
     3. replace ind_meds_diff=0 if meds==2 & wave==`w'
     4. replace ind_meds_diff=0 if dmedsrea==2 & inlist(medstrk,2,3) & wave==`w'
     5. replace ind_meds_mistake=medsmis==1 if medsmis>0 & !missing(medsmis) & wave
   > ==`w'
     6. }
   (5,734 real changes made)
   (640 real changes made)
   (292 real changes made)
   (1,482 real changes made)
   (4,485 real changes made)
   (486 real changes made)
   (214 real changes made)
   (1,290 real changes made)
   (3,617 real changes made)
   (364 real changes made)
   (179 real changes made)
   (924 real changes made)
   (2,987 real changes made)
   (274 real changes made)
   (178 real changes made)
   (733 real changes made)
   (5,710 real changes made)
   (613 real changes made)
   (309 real changes made)
   (1,436 real changes made)
   (4,827 real changes made)
   (495 real changes made)
   (257 real changes made)
   (1,369 real changes made)
   (4,181 real changes made)
   (393 real changes made)
   (225 real changes made)
   (1,248 real changes made)
```

```
80. label var ind_meds_diff "Any difficulty keeping track of meds"

81. label var ind_meds_mistake "Any mistake taking meds"

82. gen ind_meds_problem=ind_meds_diff==1 | ind_meds_mistake==1 if !missing(ind_me
  > ds_diff) ///
  > | !missing(ind_meds_mistake)
   (6,309 missing values generated)

83. label var ind_meds_prob "SR difficulty keeping track of or mistake taking meds
  > "

84. *********************************************
85. //has , sees regular doctor
86. gen reg_doc_have = .
   (47,778 missing values generated)

87. forvalues w=1/$w{
    2.          replace reg_doc_have=1 if havregdoc==1 & wave==`w'
    3.          replace reg_doc_have=0 if havregdoc==2 & wave==`w'
    4.          replace reg_doc_have=-7 if havregdoc==-7 & wave==`w'
    5.          replace reg_doc_have=-8 if havregdoc==-8 & wave==`w'
    6. }
   (7,219 real changes made)
   (383 real changes made)
   (2 real changes made)
   (5 real changes made)
   (5,754 real changes made)
   (295 real changes made)
   (2 real changes made)
   (5 real changes made)
   (4,657 real changes made)
   (215 real changes made)
   (6 real changes made)
   (6 real changes made)
   (3,832 real changes made)
   (200 real changes made)
   (1 real change made)
   (4 real changes made)
   (7,171 real changes made)
   (396 real changes made)
   (0 real changes made)
   (9 real changes made)
   (6,074 real changes made)
   (322 real changes made)
   (1 real change made)
   (13 real changes made)
   (5,279 real changes made)
   (281 real changes made)
   (0 real changes made)
   (6 real changes made)

88. la var reg_doc_have "Have regular doctor"

89. tab reg_doc_have wave, missing
```

```
      Have |
   regular |                      Survey wave
    doctor |         1          2          3          4          5 |     Total
-----------+-------------------------------------------------------+----------
        -8 |         5          5          6          4          9 |        48
        -7 |         2          2          6          1          0 |        12
         0 |       383        295        215        200        396 |     2,092
         1 |     7,219      5,754      4,657      3,832      7,171 |    39,986
         . |       636      1,019        915        700        758 |     5,640
-----------+-------------------------------------------------------+----------
     Total |     8,245      7,075      5,799      4,737      8,334 |    47,778
```

```
     Have |
  regular |       Survey wave
   doctor |        6          7 |      Total
----------+----------------------+----------
       -8 |       13          6 |         48
       -7 |        1          0 |         12
        0 |      322        281 |      2,092
        1 |    6,074      5,279 |     39,986
        . |      866        746 |      5,640
----------+----------------------+----------
    Total |    7,276      6,312 |     47,778
```

90. tab reg_doc_have wave if ivw_type==1, missing

```
     Have |
  regular |                      Survey wave
   doctor |        1          2          3          4          5 |      Total
----------+-------------------------------------------------------+----------
       -8 |        5          5          6          4          9 |         48
       -7 |        2          2          6          1          0 |         12
        0 |      383        295        215        200        396 |      2,092
        1 |    7,219      5,754      4,657      3,832      7,171 |     39,986
----------+-------------------------------------------------------+----------
    Total |    7,609      6,056      4,884      4,037      7,576 |     42,138
```

```
     Have |
  regular |       Survey wave
   doctor |        6          7 |      Total
----------+----------------------+----------
       -8 |       13          6 |         48
       -7 |        1          0 |         12
        0 |      322        281 |      2,092
        1 |    6,074      5,279 |     39,986
----------+----------------------+----------
    Total |    6,410      5,566 |     42,138
```

91.
92. gen reg_doc_seen = .
  (47,778 missing values generated)

93. forvalues w=1/$w{
  2.   replace reg_doc_seen=1 if regdoclyr==1 & wave==`w'
  3.   replace reg_doc_seen=0 if regdoclyr==2 & wave==`w'
  4.   replace reg_doc_seen=-7 if regdoclyr==-7 & wave==`w'
  5.   replace reg_doc_seen=-8 if regdoclyr==-8 & wave==`w'
  6. }
  (7,115 real changes made)
  (482 real changes made)
  (1 real change made)
  (11 real changes made)
  (5,654 real changes made)
  (385 real changes made)
  (2 real changes made)
  (15 real changes made)
  (4,553 real changes made)
  (313 real changes made)
  (7 real changes made)
  (11 real changes made)
  (3,784 real changes made)
  (244 real changes made)
  (1 real change made)
  (8 real changes made)
  (7,058 real changes made)
  (497 real changes made)
  (0 real changes made)
  (21 real changes made)
  (5,997 real changes made)
  (392 real changes made)
  (2 real changes made)
```

```
(19 real changes made)
(5,222 real changes made)
(328 real changes made)
(1 real change made)
(15 real changes made)
```

94. la var reg_doc_seen "Seen regular doctor within last year"

95. tab reg_doc_seen wave, missing

```
     Seen |
  regular |
   doctor |
   within |                      Survey wave
last year |      1        2        3        4        5 |    Total
----------+-------------------------------------------------+----------
       -8 |     11       15       11        8       21 |      100
       -7 |      1        2        7        1        0 |       14
        0 |    482      385      313      244      497 |    2,641
        1 |  7,115    5,654    4,553    3,784    7,058 |   39,383
        . |    636    1,019      915      700      758 |    5,640
----------+-------------------------------------------------+----------
    Total |  8,245    7,075    5,799    4,737    8,334 |   47,778
```

```
     Seen |
  regular |
   doctor |
   within |   Survey wave
last year |      6        7 |    Total
----------+-------------------+----------
       -8 |     19       15 |      100
       -7 |      2        1 |       14
        0 |    392      328 |    2,641
        1 |  5,997    5,222 |   39,383
        . |    866      746 |    5,640
----------+-------------------+----------
    Total |  7,276    6,312 |   47,778
```

96. tab reg_doc_seen wave if ivw_type==1, missing

```
     Seen |
  regular |
   doctor |
   within |                      Survey wave
last year |      1        2        3        4        5 |    Total
----------+-------------------------------------------------+----------
       -8 |     11       15       11        8       21 |      100
       -7 |      1        2        7        1        0 |       14
        0 |    482      385      313      244      497 |    2,641
        1 |  7,115    5,654    4,553    3,784    7,058 |   39,383
----------+-------------------------------------------------+----------
    Total |  7,609    6,056    4,884    4,037    7,576 |   42,138
```

```
     Seen |
  regular |
   doctor |
   within |   Survey wave
last year |      6        7 |    Total
----------+-------------------+----------
       -8 |     19       15 |      100
       -7 |      2        1 |       14
        0 |    392      328 |    2,641
        1 |  5,997    5,222 |   39,383
----------+-------------------+----------
    Total |  6,410    5,566 |   42,138
```

```
97.
98. //home visit, missing if did not see regular doctor within the last year
99. tab regdoclyr hwgtregd8 if wave==1, missing

    R1 MC12 SEEN |
    REG DOC WTHN |        R1 MC15 REG DOC WAS HOME VISIT
        LST YR | -9 Missin     -8 DK     -7 RF  -1 Inappl |    Total
   --------------+--------------------------------------------+----------
      -9 Missing |        168          0          0          0 |      168
         -8 DK |          0          0          0         11 |       11
         -7 RF |          0          0          0          1 |        1
 -1 Inapplicable |         0          0          0        467 |      468
         1 YES |          0          2          1          0 |    7,115
          2 NO |          0          0          0        482 |      482
   --------------+--------------------------------------------+----------
         Total |        168          2          1        961 |    8,245


     R1 MC12 SEEN | R1 MC15 REG DOC WAS
     REG DOC WTHN |      HOME VISIT
         LST YR |     1 YES       2 NO |    Total
   --------------+----------------------+----------
      -9 Missing |          0          0 |      168
         -8 DK |          0          0 |       11
         -7 RF |          0          0 |        1
 -1 Inapplicable |         1          0 |      468
         1 YES |         66      7,046 |    7,115
          2 NO |          0          0 |      482
   --------------+----------------------+----------
         Total |         67      7,046 |    8,245


100
101 gen reg_doc_homevisit = .
  (47,778 missing values generated)

102 forvalues w=1/$w{
   2.          replace reg_doc_homevisit=1 if hwgtregd8==1 & wave==`w'
   3.          replace reg_doc_homevisit=0 if hwgtregd8==2 & wave==`w'
   4.          replace reg_doc_homevisit=-7 if hwgtregd8==-7 & wave==`w'
   5.          replace reg_doc_homevisit=-8 if hwgtregd8==-8 & wave==`w'
   6.          //replace reg_doc_homevisit=0 if mc`w'regdoclyr==2
103 }
  (67 real changes made)
  (7,046 real changes made)
  (1 real change made)
  (2 real changes made)
  (107 real changes made)
  (5,544 real changes made)
  (0 real changes made)
  (3 real changes made)
  (117 real changes made)
  (4,436 real changes made)
  (0 real changes made)
  (1 real change made)
  (97 real changes made)
  (3,684 real changes made)
  (0 real changes made)
  (3 real changes made)
  (136 real changes made)
  (6,921 real changes made)
  (0 real changes made)
  (1 real change made)
  (118 real changes made)
  (5,874 real changes made)
  (0 real changes made)
  (5 real changes made)
  (131 real changes made)
  (5,089 real changes made)
  (0 real changes made)
  (2 real changes made)
```

```
104 la var reg_doc_homevisit "Was regular doctor visit a home visit?"

105 tab reg_doc_homevisit wave, missing
```

Was regular doctor visit a home visit?	1	Survey wave 2	3	4	5	Total
-8	2	3	1	3	1	17
-7	1	0	0	0	0	1
0	7,046	5,544	4,436	3,684	6,921	38,594
1	67	107	117	97	136	773
.	1,129	1,421	1,245	953	1,276	8,393
Total	8,245	7,075	5,799	4,737	8,334	47,778

Was regular doctor visit a home visit?	Survey wave 6	7	Total
-8	5	2	17
-7	0	0	1
0	5,874	5,089	38,594
1	118	131	773
.	1,279	1,090	8,393
Total	7,276	6,312	47,778

```
106 tab reg_doc_homevisit wave if ivw_type==1, missing
```

Was regular doctor visit a home visit?	1	Survey wave 2	3	4	5	Total
-8	2	3	1	3	1	17
-7	1	0	0	0	0	1
0	7,046	5,544	4,436	3,684	6,921	38,594
1	66	107	116	97	136	771
.	494	402	331	253	518	2,755
Total	7,609	6,056	4,884	4,037	7,576	42,138

Was regular doctor visit a home visit?	Survey wave 6	7	Total
-8	5	2	17
-7	0	0	1
0	5,874	5,089	38,594
1	118	131	771
.	413	344	2,755
Total	6,410	5,566	42,138

```
107
108 //hospital stay last 12 months?
109 tab hosptstay, missing

  R1 HC7 SP HOSP |
 STAY LAST 12MOS |      Freq.      Percent       Cum.
----------------+---------------------------------
     -9 Missing |      1,207        2.53        2.53
          -8 DK |        140        0.29        2.82
          -7 RF |          2        0.00        2.82
 -1 Inapplicable |     4,433        9.28       12.10
          1 YES |     10,136       21.21       33.32
           2 NO |     31,860       66.68      100.00
----------------+---------------------------------
          Total |     47,778      100.00

110
111 gen sr_hosp_ind=.
  (47,778 missing values generated)

112 forvalues w=1/$w{
    2.          replace sr_hosp_ind=1 if hosptstay==1 & wave==`w'
    3.          replace sr_hosp_ind=0 if hosptstay==2 & wave==`w'
    4.          replace sr_hosp_ind=-7 if hosptstay==-7 & wave==`w'
    5.          replace sr_hosp_ind=-8 if hosptstay==-8 & wave==`w'
    6. }
 (1,777 real changes made)
 (5,823 real changes made)
 (1 real change made)
 (8 real changes made)
 (1,512 real changes made)
 (4,517 real changes made)
 (0 real changes made)
 (27 real changes made)
 (1,245 real changes made)
 (3,621 real changes made)
 (1 real change made)
 (17 real changes made)
 (1,031 real changes made)
 (2,990 real changes made)
 (0 real changes made)
 (16 real changes made)
 (1,691 real changes made)
 (5,862 real changes made)
 (0 real changes made)
 (23 real changes made)
 (1,515 real changes made)
 (4,874 real changes made)
 (0 real changes made)
 (21 real changes made)
 (1,365 real changes made)
 (4,173 real changes made)
 (0 real changes made)
 (28 real changes made)

113 la var sr_hosp_ind "Hospital stay in the last year 1=yes"

114 tab sr_hosp_ind wave, missing
```

Hospital stay in the last year 1=yes	Survey wave 1	2	3	4	5	Total
-8	8	27	17	16	23	140
-7	1	0	1	0	0	2
0	5,823	4,517	3,621	2,990	5,862	31,860
1	1,777	1,512	1,245	1,031	1,691	10,136
.	636	1,019	915	700	758	5,640
Total	8,245	7,075	5,799	4,737	8,334	47,778

```
  Hospital |
  stay in |
  the last |    Survey wave
year 1=yes |       6          7 |     Total
-----------+----------------------+----------
       -8 |      21         28 |       140
       -7 |       0          0 |         2
        0 |   4,874      4,173 |    31,860
        1 |   1,515      1,365 |    10,136
        . |     866        746 |     5,640
-----------+----------------------+----------
    Total |   7,276      6,312 |    47,778
```

115 tab sr_hosp_ind wave if ivw_type==1, missing

```
  Hospital |
  stay in |
  the last |                         Survey wave
year 1=yes |       1          2          3          4          5 |     Total
-----------+-------------------------------------------------------+----------
       -8 |       8         27         17         16         23 |       140
       -7 |       1          0          1          0          0 |         2
        0 |   5,823      4,517      3,621      2,990      5,862 |    31,860
        1 |   1,777      1,512      1,245      1,031      1,691 |    10,136
-----------+-------------------------------------------------------+----------
    Total |   7,609      6,056      4,884      4,037      7,576 |    42,138
```

```
  Hospital |
  stay in |
  the last |    Survey wave
year 1=yes |       6          7 |     Total
-----------+----------------------+----------
       -8 |      21         28 |       140
       -7 |       0          0 |         2
        0 |   4,874      4,173 |    31,860
        1 |   1,515      1,365 |    10,136
-----------+----------------------+----------
    Total |   6,410      5,566 |    42,138
```

116
117 //number of separate hospital stays?
118 tab hosovrnht hosptstay, missing //if ind=no above, raw variable is n/a

```
  R1 HC8 SP NUM |        R1 HC7 SP HOSP STAY LAST 12MOS
 OF HOSP STAYS | -9 Missin     -8 DK      -7 RF  -1 Inappl |     Total
----------------+-------------------------------------------+----------
   -9 Missing |    1,207          0          0          0 |     1,207
        -8 DK |        0          0          0          0 |        69
-1 Inapplicable |        0        140          2      4,433 |    36,435
            1 |        0          0          0          0 |     6,492
            2 |        0          0          0          0 |     2,145
            3 |        0          0          0          0 |       806
            4 |        0          0          0          0 |       265
            5 |        0          0          0          0 |       138
            6 |        0          0          0          0 |        66
            7 |        0          0          0          0 |        43
            8 |        0          0          0          0 |        26
            9 |        0          0          0          0 |        11
           10 |        0          0          0          0 |        22
           11 |        0          0          0          0 |        17
           12 |        0          0          0          0 |         7
           13 |        0          0          0          0 |         1
           14 |        0          0          0          0 |         3
           15 |        0          0          0          0 |         5
           16 |        0          0          0          0 |         1
           17 |        0          0          0          0 |         4
           20 |        0          0          0          0 |         3
           21 |        0          0          0          0 |         1
```

```
      23 |          0          0          0          0 |          2
      25 |          0          0          0          0 |          1
      30 |          0          0          0          0 |          4
      63 |          0          0          0          0 |          1
      64 |          0          0          0          0 |          1
     115 |          0          0          0          0 |          1
     150 |          0          0          0          0 |          1
---------------+---------------------------------------------+----------
   Total |      1,207        140          2      4,433 |     47,778
```

```
                | R1 HC7 SP HOSP STAY
  R1 HC8 SP NUM |     LAST 12MOS
  OF HOSP STAYS |   1 YES      2 NO |     Total
---------------+---------------------+----------
   -9 Missing |          0          0 |      1,207
        -8 DK |         69          0 |         69
-1 Inapplicable |          0     31,860 |     36,435
            1 |      6,492          0 |      6,492
            2 |      2,145          0 |      2,145
            3 |        806          0 |        806
            4 |        265          0 |        265
            5 |        138          0 |        138
            6 |         66          0 |         66
            7 |         43          0 |         43
            8 |         26          0 |         26
            9 |         11          0 |         11
           10 |         22          0 |         22
           11 |         17          0 |         17
           12 |          7          0 |          7
           13 |          1          0 |          1
           14 |          3          0 |          3
           15 |          5          0 |          5
           16 |          1          0 |          1
           17 |          4          0 |          4
           20 |          3          0 |          3
           21 |          1          0 |          1
           23 |          2          0 |          2
           25 |          1          0 |          1
           30 |          4          0 |          4
           63 |          1          0 |          1
           64 |          1          0 |          1
          115 |          1          0 |          1
          150 |          1          0 |          1
---------------+---------------------+----------
   Total |     10,136     31,860 |     47,778
```

```
119 gen sr_hosp_stays=.
  (47,778 missing values generated)

120 forvalues w=1/$w{
  2.          replace sr_hosp_stays=hosovrnht if hosovrnht>0 & wave==`w'
  3. }
  (1,765 real changes made)
  (1,499 real changes made)
  (1,235 real changes made)
  (1,029 real changes made)
  (1,680 real changes made)
  (1,503 real changes made)
  (1,356 real changes made)
```

```
121 replace sr_hosp_stays=0 if sr_hosp_ind==0 //set to 0 if none reported in y/n ?
  >  above
  (31,860 real changes made)

122 la var sr_hosp_stays "Number unique hospital stays last year"

123 tab sr_hosp_stays wave, missing
```

Number unique hospital stays last year	1	2	3	4	5	Total
0	5,823	4,517	3,621	2,990	5,862	31,860
1	1,116	986	810	668	1,076	6,492
2	377	290	269	219	368	2,145
3	148	120	95	74	143	806
4	53	41	26	34	29	265
5	28	22	14	14	22	138
6	11	12	8	4	14	66
7	8	8	7	2	11	43
8	7	6	2	0	3	26
9	4	0	1	0	4	11
10	4	5	0	2	2	22
11	1	1	1	5	3	17
12	1	2	1	2	0	7
13	1	0	0	0	0	1
14	1	1	0	0	1	3
15	0	0	1	1	3	5
16	0	1	0	0	0	1
17	1	1	0	0	0	4
20	0	0	0	1	1	3
21	1	0	0	0	0	1
23	1	0	0	1	0	2
25	1	0	0	0	0	1
30	1	2	0	1	0	4
63	0	1	0	0	0	1
64	0	0	0	1	0	1
115	0	0	0	0	0	1
150	0	0	0	0	0	1
.	657	1,059	943	718	792	5,851
Total	8,245	7,075	5,799	4,737	8,334	47,778

Number unique hospital stays last year	6	7	Total
0	4,874	4,173	31,860
1	956	880	6,492
2	332	290	2,145
3	127	99	806
4	42	40	265
5	19	19	138
6	8	9	66
7	3	4	43
8	3	5	26
9	1	1	11
10	7	2	22
11	3	3	17
12	0	1	7
13	0	0	1
14	0	0	3
15	0	0	5
16	0	0	1
17	0	2	4
20	1	0	3
21	0	0	1

```
        23 |          0          0 |          2
        25 |          0          0 |          1
        30 |          0          0 |          4
        63 |          0          0 |          1
        64 |          0          0 |          1
       115 |          1          0 |          1
       150 |          0          1 |          1
         . |        899        783 |      5,851
-----------+--------------------+----------
     Total |      7,276      6,312 |     47,778
```

124 tab sr_hosp_stays wave if ivw_type==1, missing

Number unique hospital stays last year			Survey wave			
	1	2	3	4	5	Total
0	5,823	4,517	3,621	2,990	5,862	31,860
1	1,116	986	810	668	1,076	6,492
2	377	290	269	219	368	2,145
3	148	120	95	74	143	806
4	53	41	26	34	29	265
5	28	22	14	14	22	138
6	11	12	8	4	14	66
7	8	8	7	2	11	43
8	7	6	2	0	3	26
9	4	0	1	0	4	11
10	4	5	0	2	2	22
11	1	1	1	5	3	17
12	1	2	1	2	0	7
13	1	0	0	0	0	1
14	1	1	0	0	1	3
15	0	0	1	1	3	5
16	0	1	0	0	0	1
17	1	1	0	0	0	4
20	0	0	0	1	1	3
21	1	0	0	0	0	1
23	1	0	0	1	0	2
25	1	0	0	0	0	1
30	1	2	0	1	0	4
63	0	1	0	0	0	1
64	0	0	0	1	0	1
115	0	0	0	0	0	1
150	0	0	0	0	0	1
.	21	40	28	18	34	211
Total	7,609	6,056	4,884	4,037	7,576	42,138

Number unique hospital stays last year	Survey wave		
	6	7	Total
0	4,874	4,173	31,860
1	956	880	6,492
2	332	290	2,145
3	127	99	806
4	42	40	265
5	19	19	138
6	8	9	66
7	3	4	43
8	3	5	26
9	1	1	11
10	7	2	22
11	3	3	17
12	0	1	7
13	0	0	1

```
   14 |         0         0 |       3
   15 |         0         0 |       5
   16 |         0         0 |       1
   17 |         0         2 |       4
   20 |         1         0 |       3
   21 |         0         0 |       1
   23 |         0         0 |       2
   25 |         0         0 |       1
   30 |         0         0 |       4
   63 |         0         0 |       1
   64 |         0         0 |       1
  115 |         1         0 |       1
  150 |         0         1 |       1
    . |        33        37 |     211
------------+----------------------+----------
  Total |     6,410     5,566 |  42,138
```

125
126
127 save round_1_${w}_cleanv3.dta, replace
   file round_1_7_cleanv3.dta saved

128
129 local ivars fall_last_month adl_eat_help adl_bath_help adl_toil_help adl_dres_
   > help iadl_laun_help iadl_shop_help 7//
   > iadl_meal_help iadl_bank_help iadl_meds_help reg_doc_have reg_doc_seen reg_doc
   > _homevisit sr_hosp_ind sr_hosp_stays

130 foreach w in `ivars'{
  2. tab `w' wave,missing
  3. }

```
 Fall down |
   in last |                    Survey wave
    month |     1         2         3         4         5 |     Total
-----------+-------------------------------------------------+----------
       -8 |        0         4         6         3         6 |       27
       -7 |        0         0         1         0         0 |        1
        0 |    6,777     5,302     4,304     3,548     6,686 |   37,163
        1 |      832       750       573       486       884 |    4,947
        . |      636     1,019       915       700       758 |    5,640
-----------+-------------------------------------------------+----------
    Total |    8,245     7,075     5,799     4,737     8,334 |   47,778


 Fall down |
   in last |   Survey wave
    month |     6         7 |     Total
-----------+----------------------+----------
       -8 |        3         5 |       27
       -7 |        0         0 |        1
        0 |    5,652     4,894 |   37,163
        1 |      755       667 |    4,947
        . |      866       746 |    5,640
-----------+----------------------+----------
    Total |    7,276     6,312 |   47,778


 Has help |
    while |                     Survey wave
   eating |     1         2         3         4         5 |     Total
-----------+-------------------------------------------------+----------
       -8 |        2         9        19        18        11 |       86
       -7 |        1         4         3         1         0 |       12
        0 |    7,186     5,898     4,763     3,874     7,237 |   40,536
        1 |      420       648       622       548       624 |    4,175
        . |      636       516       392       296       462 |    2,969
-----------+-------------------------------------------------+----------
    Total |    8,245     7,075     5,799     4,737     8,334 |   47,778
```

```
Has help |
  while  |     Survey wave
  eating |      6            7 |      Total
---------+----------------------+----------
     -8 |        12          15 |         86
     -7 |         1           2 |         12
      0 |     6,196       5,382 |     40,536
      1 |       687         626 |      4,175
      . |       380         287 |      2,969
---------+----------------------+----------
  Total |     7,276       6,312 |     47,778
```

```
Has help |
  while  |                       Survey wave
 bathing |      1          2          3          4          5 |      Total
---------+--------------------------------------------------------+----------
     -8 |         3          3          6          4          3 |         34
     -7 |         0          0          1          0          0 |          1
      0 |     6,792      5,424      4,372      3,569      6,776 |     37,637
      1 |       814      1,132      1,028        868      1,093 |      7,137
      . |       636        516        392        296        462 |      2,969
---------+--------------------------------------------------------+----------
  Total |     8,245      7,075      5,799      4,737      8,334 |     47,778
```

```
Has help |
  while  |     Survey wave
 bathing |      6            7 |      Total
---------+----------------------+----------
     -8 |         6           9 |         34
     -7 |         0           0 |          1
      0 |     5,735       4,969 |     37,637
      1 |     1,155       1,047 |      7,137
      . |       380         287 |      2,969
---------+----------------------+----------
  Total |     7,276       6,312 |     47,778
```

```
Has help |
  while  |                       Survey wave
toileting |      1          2          3          4          5 |      Total
---------+--------------------------------------------------------+----------
     -8 |         6         16         26         25         22 |        137
     -7 |         4         10          6          1          0 |         28
      0 |     7,268      5,954      4,823      3,946      7,335 |     41,113
      1 |       331        579        552        469        515 |      3,531
      . |       636        516        392        296        462 |      2,969
---------+--------------------------------------------------------+----------
  Total |     8,245      7,075      5,799      4,737      8,334 |     47,778
```

```
Has help |
  while  |     Survey wave
toileting |      6            7 |      Total
---------+----------------------+----------
     -8 |        19          23 |        137
     -7 |         3           4 |         28
      0 |     6,285       5,502 |     41,113
      1 |       589         496 |      3,531
      . |       380         287 |      2,969
---------+----------------------+----------
  Total |     7,276       6,312 |     47,778
```

```
 Has help |
   while  |                         Survey wave
 dressing |       1          2          3          4          5 |     Total
----------+-------------------------------------------------------+----------
       -8 |       1          9          5          4          9 |        41
       -7 |       1          0          0          0          0 |         1
        0 |   6,671      5,441      4,346      3,512      6,604 |    36,996
        1 |     936      1,109      1,056        925      1,259 |     7,771
        . |     636        516        392        296        462 |     2,969
----------+-------------------------------------------------------+----------
    Total |   8,245      7,075      5,799      4,737      8,334 |    47,778
```

```
 Has help |
   while  |   Survey wave
 dressing |       6          7 |     Total
----------+--------------------+----------
       -8 |       5          8 |        41
       -7 |       0          0 |         1
        0 |   5,575      4,847 |    36,996
        1 |   1,316      1,170 |     7,771
        . |     380        287 |     2,969
----------+--------------------+----------
    Total |   7,276      6,312 |    47,778
```

```
 Rec'd help |
     doing |
    laundry |                         Survey wave
 last month |       1          2          3          4          5 |     Total
-----------+-------------------------------------------------------+----------
        -8 |       3          5          4          2          8 |        28
         0 |   6,615      5,227      4,268      3,524      6,678 |    36,806
         1 |     991        824        612        511        890 |     5,304
         . |     636      1,019        915        700        758 |     5,640
-----------+-------------------------------------------------------+----------
     Total |   8,245      7,075      5,799      4,737      8,334 |    47,778
```

```
 Rec'd help |
     doing |
    laundry |   Survey wave
 last month |       6          7 |     Total
-----------+--------------------+----------
        -8 |       3          3 |        28
         0 |   5,609      4,885 |    36,806
         1 |     798        678 |     5,304
         . |     866        746 |     5,640
-----------+--------------------+----------
     Total |   7,276      6,312 |    47,778
```

```
 Rec'd help |
   shopping |                         Survey wave
 last month |       1          2          3          4          5 |     Total
-----------+-------------------------------------------------------+----------
        -8 |       4          5          5          7          7 |        42
         0 |   6,059      4,709      3,776      3,183      6,078 |    33,323
         1 |   1,546      1,342      1,103        847      1,491 |     8,773
         . |     636      1,019        915        700        758 |     5,640
-----------+-------------------------------------------------------+----------
     Total |   8,245      7,075      5,799      4,737      8,334 |    47,778
```

```
Rec'd help |
  shopping |      Survey wave
last month |      6             7 |     Total
-----------+----------------------+----------
        -8 |       5           9 |        42
         0 |   5,113       4,405 |    33,323
         1 |   1,292       1,152 |     8,773
         . |     866         746 |     5,640
-----------+----------------------+----------
     Total |   7,276       6,312 |    47,778
```

```
Rec'd help |
 preparing |
meals last |                         Survey wave
     month |      1          2          3          4          5 |     Total
-----------+-------------------------------------------------------+----------
        -8 |      5          3          4          3          7 |        32
         0 |  6,721      5,294      4,330      3,600      6,793 |    37,475
         1 |    883        759        550        434        776 |     4,631
         . |    636      1,019        915        700        758 |     5,640
-----------+-------------------------------------------------------+----------
     Total |  8,245      7,075      5,799      4,737      8,334 |    47,778
```

```
Rec'd help |
 preparing |
meals last |      Survey wave
     month |      6             7 |     Total
-----------+----------------------+----------
        -8 |       4           6 |        32
         0 |   5,742       4,995 |    37,475
         1 |     664         565 |     4,631
         . |     866         746 |     5,640
-----------+----------------------+----------
     Total |   7,276       6,312 |    47,778
```

```
Rec'd help |
      with |
   banking |                         Survey wave
last month |      1          2          3          4          5 |     Total
-----------+-------------------------------------------------------+----------
        -8 |     28          9          8          7         26 |       122
         0 |  6,478      5,047      4,055      3,399      6,507 |    35,673
         1 |  1,103      1,000        821        631      1,043 |     6,343
         . |    636      1,019        915        700        758 |     5,640
-----------+-------------------------------------------------------+----------
     Total |  8,245      7,075      5,799      4,737      8,334 |    47,778
```

```
Rec'd help |
      with |
   banking |      Survey wave
last month |      6             7 |     Total
-----------+----------------------+----------
        -8 |      23          21 |       122
         0 |   5,457       4,730 |    35,673
         1 |     930         815 |     6,343
         . |     866         746 |     5,640
-----------+----------------------+----------
     Total |   7,276       6,312 |    47,778
```

```
  Rec'd help |
     taking |
  medication |
    s last |                        Survey wave
     month |        1         2         3         4         5 |    Total
-----------+--------------------------------------------------+----------
        -8 |        4         1         2         2         3 |       19
         0 |    6,826     5,372     4,351     3,621     6,862 |   37,870
         1 |      779       683       531       414       710 |    4,247
         . |      636     1,019       915       700       759 |    5,642
-----------+--------------------------------------------------+----------
     Total |    8,245     7,075     5,799     4,737     8,334 |   47,778


  Rec'd help |
     taking |
  medication |
    s last |     Survey wave
     month |        6         7 |    Total
-----------+--------------------+----------
        -8 |        4         3 |       19
         0 |    5,808     5,030 |   37,870
         1 |      597       533 |    4,247
         . |      867       746 |    5,642
-----------+--------------------+----------
     Total |    7,276     6,312 |   47,778


      Have |
    regular |                        Survey wave
    doctor |        1         2         3         4         5 |    Total
-----------+--------------------------------------------------+----------
        -8 |        5         5         6         4         9 |       48
        -7 |        2         2         6         1         0 |       12
         0 |      383       295       215       200       396 |    2,092
         1 |    7,219     5,754     4,657     3,832     7,171 |   39,986
         . |      636     1,019       915       700       758 |    5,640
-----------+--------------------------------------------------+----------
     Total |    8,245     7,075     5,799     4,737     8,334 |   47,778


      Have |
    regular |     Survey wave
    doctor |        6         7 |    Total
-----------+--------------------+----------
        -8 |       13         6 |       48
        -7 |        1         0 |       12
         0 |      322       281 |    2,092
         1 |    6,074     5,279 |   39,986
         . |      866       746 |    5,640
-----------+--------------------+----------
     Total |    7,276     6,312 |   47,778


      Seen |
    regular |
    doctor |
    within |                        Survey wave
  last year |        1         2         3         4         5 |    Total
-----------+--------------------------------------------------+----------
        -8 |       11        15        11         8        21 |      100
        -7 |        1         2         7         1         0 |       14
         0 |      482       385       313       244       497 |    2,641
         1 |    7,115     5,654     4,553     3,784     7,058 |   39,383
         . |      636     1,019       915       700       758 |    5,640
-----------+--------------------------------------------------+----------
     Total |    8,245     7,075     5,799     4,737     8,334 |   47,778
```

```
    Seen |
 regular |
  doctor |
  within |     Survey wave
last year |       6            7 |      Total
----------+--------------------+----------
      -8 |        19           15 |        100
      -7 |         2            1 |         14
       0 |       392          328 |      2,641
       1 |     5,997        5,222 |     39,383
       . |       866          746 |      5,640
----------+--------------------+----------
   Total |     7,276        6,312 |     47,778


     Was |
 regular |
  doctor |
 visit a |
    home |                        Survey wave
  visit? |       1          2          3          4          5 |      Total
----------+---------------------------------------------------+----------
      -8 |       2          3          1          3          1 |         17
      -7 |       1          0          0          0          0 |          1
       0 |   7,046      5,544      4,436      3,684      6,921 |     38,594
       1 |      67        107        117         97        136 |        773
       . |   1,129      1,421      1,245        953      1,276 |      8,393
----------+---------------------------------------------------+----------
   Total |   8,245      7,075      5,799      4,737      8,334 |     47,778


     Was |
 regular |
  doctor |
 visit a |
    home |     Survey wave
  visit? |       6            7 |      Total
----------+--------------------+----------
      -8 |         5            2 |         17
      -7 |         0            0 |          1
       0 |     5,874        5,089 |     38,594
       1 |       118          131 |        773
       . |     1,279        1,090 |      8,393
----------+--------------------+----------
   Total |     7,276        6,312 |     47,778


Hospital |
 stay in |
the last |                        Survey wave
year 1=yes |       1          2          3          4          5 |      Total
----------+---------------------------------------------------+----------
      -8 |       8         27         17         16         23 |        140
      -7 |       1          0          1          0          0 |          2
       0 |   5,823      4,517      3,621      2,990      5,862 |     31,860
       1 |   1,777      1,512      1,245      1,031      1,691 |     10,136
       . |     636      1,019        915        700        758 |      5,640
----------+---------------------------------------------------+----------
   Total |   8,245      7,075      5,799      4,737      8,334 |     47,778
```

```
Hospital |
 stay in |
the last |    Survey wave
year 1=yes |      6           7 |      Total
-----------+--------------------+----------
       -8 |     21          28 |        140
       -7 |      0           0 |          2
        0 |  4,874       4,173 |     31,860
        1 |  1,515       1,365 |     10,136
        . |    866         746 |      5,640
-----------+--------------------+----------
    Total |  7,276       6,312 |     47,778
```

```
  Number |
  unique |
 hospital |
stays last |                    Survey wave
     year |      1         2         3         4         5 |      Total
-----------+-------------------------------------------------+----------
        0 |  5,823     4,517     3,621     2,990     5,862 |     31,860
        1 |  1,116       986       810       668     1,076 |      6,492
        2 |    377       290       269       219       368 |      2,145
        3 |    148       120        95        74       143 |        806
        4 |     53        41        26        34        29 |        265
        5 |     28        22        14        14        22 |        138
        6 |     11        12         8         4        14 |         66
        7 |      8         8         7         2        11 |         43
        8 |      7         6         2         0         3 |         26
        9 |      4         0         1         0         4 |         11
       10 |      4         5         0         2         2 |         22
       11 |      1         1         1         5         3 |         17
       12 |      1         2         1         2         0 |          7
       13 |      1         0         0         0         0 |          1
       14 |      1         1         0         0         1 |          3
       15 |      0         0         1         1         3 |          5
       16 |      0         1         0         0         0 |          1
       17 |      1         1         0         0         0 |          4
       20 |      0         0         0         1         1 |          3
       21 |      1         0         0         0         0 |          1
       23 |      1         0         0         1         0 |          2
       25 |      1         0         0         0         0 |          1
       30 |      1         2         0         1         0 |          4
       63 |      0         1         0         0         0 |          1
       64 |      0         0         0         1         0 |          1
      115 |      0         0         0         0         0 |          1
      150 |      0         0         0         0         0 |          1
        . |    657     1,059       943       718       792 |      5,851
-----------+-------------------------------------------------+----------
    Total |  8,245     7,075     5,799     4,737     8,334 |     47,778
```

```
  Number |
  unique |
 hospital |
stays last |    Survey wave
     year |      6           7 |      Total
-----------+--------------------+----------
        0 |  4,874       4,173 |     31,860
        1 |    956         880 |      6,492
        2 |    332         290 |      2,145
        3 |    127          99 |        806
        4 |     42          40 |        265
        5 |     19          19 |        138
        6 |      8           9 |         66
        7 |      3           4 |         43
        8 |      3           5 |         26
        9 |      1           1 |         11
       10 |      7           2 |         22
       11 |      3           3 |         17
       12 |      0           1 |          7
       13 |      0           0 |          1
```

```
         14 |          0          0 |          3
         15 |          0          0 |          5
         16 |          0          0 |          1
         17 |          0          2 |          4
         20 |          1          0 |          3
         21 |          0          0 |          1
         23 |          0          0 |          2
         25 |          0          0 |          1
         30 |          0          0 |          4
         63 |          0          0 |          1
         64 |          0          0 |          1
        115 |          1          0 |          1
        150 |          0          1 |          1
          . |        899        783 |      5,851
  -----------+---------------------+----------
      Total |      7,276      6,312 |     47,778


131
132 *******************************************
133 log close
       name:  <unnamed>
        log:  E:\nhats\nhats_code\NHATS data setup\logs\/4_nhats_cleaning_19_Apr_
  > 2019.smcl
   log type:  text
   closed on:  19 Apr 2019, 16:27:01
   ----------------------------------------------------------------------------
```