  ___ ____ ____ ____ ____(R)
 /__   /   ____/   /   ____/
___/   /   /___/   /   /___/
  Statistics/Data analysis

```
1 .
2 . **LOS, Hospital Cost, Death
3 . svy, subpop (CHFADLT): total DIED, over (TESCA)
  (running total on estimation sample)

  Survey: Total estimation

  Number of strata =    216       Number of obs   =   34,952,813
  Number of PSUs   = 19,563       Population size =  174,764,010
                                  Subpop. no. obs =    5,166,148
                                  Subpop. size    = 25,830,733.7
                                  Design df       =       19,347
```

	Total	Linearized std. err.	[95% conf.	interval]
c.DIED@TESCA				
0	1274835	8981.462	1257230	1292439
1	99.99986	22.31237	56.2657	143.734

```
4 . svy, subpop (CHFADLT): tabulate DIED TESCA, cou format (%11.0g)
  (running tabulate on estimation sample)

  Number of strata =    216                   Number of obs   =   34,952,813
  Number of PSUs   = 19,563                   Population size =  174,764,010
                                              Subpop. no. obs =    5,166,148
                                              Subpop. size    = 25,830,733.7
                                              Design df       =       19,347
```

Died during hospitalization	TESCA 0	1	Total
0	24554748.9	1050.00112	24555798.9
1	1274834.78	99.999864	1274934.78
Total	25829583.7	1150.00099	25830733.7

```
  Key: Weighted count

    Pearson:
      Uncorrected   chi2(1)         =   46.8865
      Design-based  F(1, 19347)     =    6.8261     P = 0.0090

5 . svy, subpop (CHFADLT): logistic DIED TESCA, col
  (running logistic on estimation sample)

  Survey: Logistic regression

  Number of strata =    216                   Number of obs   =   34,952,813
  Number of PSUs   = 19,563                   Population size =  174,764,010
                                              Subpop. no. obs =    5,166,148
                                              Subpop. size    = 25,830,733.7
                                              Design df       =       19,347
                                              F(1, 19347)     =         6.62
                                              Prob > F        =       0.0101
```

DIED	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	**1.834437**	**.4325425**	**2.57**	**0.010**	**1.155541**	**2.912195**
_cons	**.0519181**	**.0001989**	**-772.02**	**0.000**	**.0515296**	**.0523094**

Note: **_cons** estimates baseline odds.

```
6 .
7 . svy, subpop (CHFADLT): mean LOS, over (TESCA)
```
(running **mean** on estimation sample)

Survey: Mean estimation

Number of strata = **216** Number of obs = **34,954,985**
Number of PSUs = **19,563** Population size = **174,774,870**
Subpop. no. obs = **5,168,320**
Subpop. size = **25,841,593.7**
Design df = **19,347**

	Mean	Linearized std. err.	[95% conf.	interval]
c.LOS@TESCA				
0	**6.226185**	**.012422**	**6.201837**	**6.250533**
1	**8.786955**	**.9206565**	**6.982388**	**10.59152**

```
8 . svy, subpop (CHFADLT): total LOS, over (TESCA)
```
(running **total** on estimation sample)

Survey: Total estimation

Number of strata = **216** Number of obs = **34,954,985**
Number of PSUs = **19,563** Population size = **174,774,870**
Subpop. no. obs = **5,168,320**
Subpop. size = **25,841,593.7**
Design df = **19,347**

	Total	Linearized std. err.	[95% conf.	interval]
c.LOS@TESCA				
0	**1.61e+08**	**1082984**	**1.59e+08**	**1.63e+08**
1	**10105.01**	**1266.576**	**7622.409**	**12587.6**

```
9 .
10 . svy,subpop (CHFADLT): mean TOTCHG, over (TESCA)
```
(running **mean** on estimation sample)

Survey: Mean estimation

Number of strata = **216** Number of obs = **34,915,495**
Number of PSUs = **19,563** Population size = **174,577,420**
Subpop. no. obs = **5,128,830**
Subpop. size = **25,644,144.1**
Design df = **19,347**

	Mean	Linearized std. err.	[95% conf.	interval]
c.TOTCHG@TESCA				
0	**75118.12**	**514.5769**	**74109.5**	**76126.73**
1	**87853.5**	**6943.244**	**74244.14**	**101462.9**

```
11 .
12 . **Univariate Analysis
13 . **Ventilator Dependence VENT
14 . svy, subpop (CHFADLT): total VENT, over (TESCA)
   (running total on estimation sample)

   Survey: Total estimation

   Number of strata =    216       Number of obs    =   34,955,252
   Number of PSUs   = 19,563       Population size =  174,776,205
                                   Subpop. no. obs =    5,168,587
                                   Subpop. size    = 25,842,928.7
                                   Design df       =       19,347
```

	Total	Linearized std. err.	[95% conf.	interval]
c.VENT@TESCA				
0	**137224.9**	**2213.603**	**132886.1**	**141563.8**
1	**5.00001**	**5.00001**	**-4.800443**	**14.80046**

```
15 . svy, subpop (CHFADLT): tabulate VENT TESCA, cou format (%11.0g)
   (running tabulate on estimation sample)

   Number of strata =    216                     Number of obs    =   34,955,252
   Number of PSUs   = 19,563                     Population size =  174,776,205
                                                 Subpop. no. obs =    5,168,587
                                                 Subpop. size    = 25,842,928.7
                                                 Design df       =       19,347
```

VENT	TESCA 0	1	Total
0	**25704553.8**	**1145.00098**	**25705698.8**
1	**137224.939**	**5.0000104**	**137229.939**
Total	**25841778.7**	**1150.00099**	**25842928.7**

Key: **Weighted count**

```
  Pearson:
    Uncorrected   chi2(1)         =    0.2727
    Design-based  F(1, 19347)     =    0.0403     P = 0.8409
```

```
16 . svy, subpop (CHFADLT): logistic VENT TESCA, col
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                      Number of obs   =   34,955,252
   Number of PSUs   = 19,563                      Population size =  174,776,205
                                                  Subpop. no. obs =    5,168,587
                                                  Subpop. size    = 25,842,928.7
                                                  Design df       =       19,347
                                                  F(1, 19347)     =         0.04
                                                  Prob > F        =       0.8412

   ------------------------------------------------------------------------------
                |             Linearized
           VENT | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
   -------------+----------------------------------------------------------------
          TESCA |   .8179855   .8201863    -0.20   0.841     .1146042    5.838357
          _cons |   .0053385   .0000796  -351.16   0.000     .0051849    .0054968
   ------------------------------------------------------------------------------
   Note: _cons estimates baseline odds.

17 .
18 .
19 . **Arrhythmia ARR
20 . svy, subpop (CHFADLT): total ARR, over (TESCA)
   (running total on estimation sample)

   Survey: Total estimation

   Number of strata =    216       Number of obs   =   34,955,252
   Number of PSUs   = 19,563       Population size =  174,776,205
                                   Subpop. no. obs =    5,168,587
                                   Subpop. size    = 25,842,928.7
                                   Design df       =       19,347

   ------------------------------------------------------------------------
                |             Linearized
                |      Total   std. err.     [95% conf. interval]
   -------------+----------------------------------------------------------
    c.ARR@TESCA |
              0 |   1.19e+07   76105.69      1.17e+07    1.20e+07
              1 |   440.0009   49.22949      343.5068     536.495
   ------------------------------------------------------------------------

21 . svy, subpop (CHFADLT): tabulate ARR TESCA, cou format (%11.0g)
   (running tabulate on estimation sample)

   Number of strata =    216                      Number of obs   =   34,955,252
   Number of PSUs   = 19,563                      Population size =  174,776,205
                                                  Subpop. no. obs =    5,168,587
                                                  Subpop. size    = 25,842,928.7
                                                  Design df       =       19,347

   ------------------------------------------------------------------------
             |                TESCA
         ARR |          0           1       Total
   ----------+-------------------------------------------------------------
           0 | 13959831.7  710.000092  13960541.7
           1 | 11881947.1  440.000895  11882387.1
             |
       Total | 25841778.7  1150.00099  25842928.7
   ------------------------------------------------------------------------
   Key: Weighted count
```

```
  Pearson:
    Uncorrected   chi2(1)         =   37.3090
    Design-based  F(1, 19347)     =    5.0513     P = 0.0246

22 . svy, subpop (CHFADLT): logistic ARR TESCA, col
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                     Number of obs   =   34,955,252
   Number of PSUs   = 19,563                     Population size =  174,776,205
                                                 Subpop. no. obs =    5,168,587
                                                 Subpop. size    = 25,842,928.7
                                                 Design df       =       19,347
                                                 F(1, 19347)     =         5.01
                                                 Prob > F        =       0.0252

------------------------------------------------------------------------------
         ARR | Odds ratio   Linearized std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
       TESCA |   .7280981   .1032318    -2.24   0.025     .5514379    .9613538
       _cons |   .8511526   .0025314   -54.19   0.000     .8462052    .8561289
------------------------------------------------------------------------------
   Note: _cons estimates baseline odds.

23 .
24 . **Acute Pericarditis PERI
25 . svy, subpop (CHFADLT): total PERI, over (TESCA)
   (running total on estimation sample)

   Survey: Total estimation

   Number of strata =    216       Number of obs   =   34,955,252
   Number of PSUs   = 19,563       Population size =  174,776,205
                                   Subpop. no. obs =    5,168,587
                                   Subpop. size    = 25,842,928.7
                                   Design df       =       19,347

--------------------------------------------------------------
             |            Linearized
             |      Total   std. err.     [95% conf. interval]
-------------+------------------------------------------------
c.PERI@TESCA |
           0 |   18479.99    368.435      17757.83    19202.16
           1 |          0  (omitted)
--------------------------------------------------------------

26 . svy, subpop (CHFADLT): tabulate PERI TESCA, cou format (%11.0g)
   (running tabulate on estimation sample)

   Number of strata =    216                     Number of obs   =   34,955,252
   Number of PSUs   = 19,563                     Population size =  174,776,205
                                                 Subpop. no. obs =    5,168,587
                                                 Subpop. size    = 25,842,928.7
                                                 Design df       =       19,347
```

PERI	TESCA 0	1	Total
0	**25823298.7**	**1150.00099**	**25824448.7**
1	**18479.9927**	**0**	**18479.9927**
Total	**25841778.7**	**1150.00099**	**25842928.7**

Key: **Weighted count**

Pearson:
Uncorrected chi2(**1**) = **1.1132**
Design-based F(**1, 19347**) = **0.1452** P = **0.7032**

```
27 . svy, subpop (CHFADLT): logistic PERI TESCA, col
```
(running **logistic** on estimation sample)

note: TESCA != 0 predicts failure perfectly;
TESCA omitted and 230 obs not used.

Survey: Logistic regression

Number of strata = **216** Number of obs = **34,955,022**
Number of PSUs = **19,563** Population size = **174,775,055**
Subpop. no. obs = **5,168,357**
Subpop. size = **25,841,778.7**
Design df = **19,347**
F(0, 19347) = .
Prob > F = .

PERI	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	**1**	(omitted)				
_cons	**.0007156**	**.0000133**	**-390.35**	**0.000**	**.0006901**	**.0007421**

Note: **_cons** estimates baseline odds.

```
28 .
29 . **Pericardial Effusion PCAREFF
30 . svy, subpop (CHFADLT): total PCAREFF, over (TESCA)
```
(running **total** on estimation sample)

Survey: Total estimation

Number of strata = **216** Number of obs = **34,955,252**
Number of PSUs = **19,563** Population size = **174,776,205**
Subpop. no. obs = **5,168,587**
Subpop. size = **25,842,928.7**
Design df = **19,347**

	Total	Linearized std. err.	[95% conf.	interval]
c.PCAREFF@TESCA				
0	**368269.9**	**3544.267**	**361322.9**	**375217**
1	**34.9999**	**13.22061**	**9.086368**	**60.91343**

```
31 . svy, subpop (CHFADLT): tabulate PCAREFF TESCA, cou format (%11.0g)
   (running tabulate on estimation sample)

   Number of strata =    216                      Number of obs   =   34,955,252
   Number of PSUs   = 19,563                      Population size =  174,776,205
                                                  Subpop. no. obs =    5,168,587
                                                  Subpop. size    = 25,842,928.7
                                                  Design df       =       19,347

   ------------------------------------------------
             |               TESCA
     PCAREFF |          0           1       Total
   ----------+-------------------------------------
           0 | 25473508.8  1115.00109  25474623.8
           1 | 368269.937  34.9998993  368304.937
             |
       Total | 25841778.7  1150.00099  25842928.7
   ------------------------------------------------
   Key: Weighted count

     Pearson:
       Uncorrected   chi2(1)         =   28.9984
       Design-based  F(1, 19347)     =    4.2646     P = 0.0389

32 . svy, subpop (CHFADLT): logistic PCAREFF TESCA, col
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                      Number of obs   =   34,955,252
   Number of PSUs   = 19,563                      Population size =  174,776,205
                                                  Subpop. no. obs =    5,168,587
                                                  Subpop. size    = 25,842,928.7
                                                  Design df       =       19,347
                                                  F(1, 19347)     =         4.06
                                                  Prob > F        =       0.0439

   ------------------------------------------------------------------------------
                |             Linearized
        PCAREFF | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
   -------------+----------------------------------------------------------------
          TESCA |   2.171624   .8357566     2.01   0.044     1.021354     4.61735
          _cons |    .014457   .0000965  -634.59   0.000      .014269    .0146474
   ------------------------------------------------------------------------------
   Note: _cons estimates baseline odds.

33 .
34 . **Cardiogenic Shock CARSH
35 . svy, subpop (CHFADLT): total CARSH, over (TESCA)
   (running total on estimation sample)

   Survey: Total estimation

   Number of strata =    216        Number of obs   =   34,955,252
   Number of PSUs   = 19,563        Population size =  174,776,205
                                    Subpop. no. obs =    5,168,587
                                    Subpop. size    = 25,842,928.7
                                    Design df       =       19,347
```

	Total	Linearized std. err.	[95% conf.	interval]
c.CARSH@TESCA				
0	**594810**	**7289.178**	**580522.5**	**609097.4**
1	**25.00014**	**11.1804**	**3.085583**	**46.9147**

```
36 . svy, subpop (CHFADLT): tabulate CARSH TESCA, cou format (%11.0g)
   (running tabulate on estimation sample)

   Number of strata =    216                     Number of obs   =   34,955,252
   Number of PSUs   = 19,563                     Population size =  174,776,205
                                                 Subpop. no. obs =    5,168,587
                                                 Subpop. size    = 25,842,928.7
                                                 Design df       =       19,347
```

CARSH	TESCA 0	1	Total
0	**25246968.8**	**1125.00085**	**25248093.8**
1	**594809.963**	**25.0001419**	**594834.963**
Total	**25841778.7**	**1150.00099**	**25842928.7**

```
   Key: Weighted count

     Pearson:
       Uncorrected   chi2(1)         =    0.1130
       Design-based  F(1, 19347)     =    0.0168     P = 0.8970

37 . svy, subpop (CHFADLT): logistic CARSH TESCA, col
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                     Number of obs   =   34,955,252
   Number of PSUs   = 19,563                     Population size =  174,776,205
                                                 Subpop. no. obs =    5,168,587
                                                 Subpop. size    = 25,842,928.7
                                                 Design df       =       19,347
                                                 F(1, 19347)     =         0.02
                                                 Prob > F        =       0.8970
```

CARSH	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	**.9432377**	**.4258448**	**-0.13**	**0.897**	**.3893176**	**2.285274**
_cons	**.0235597**	**.0002276**	**-387.92**	**0.000**	**.0231177**	**.0240101**

```
   Note: _cons estimates baseline odds.
```

```
38 .
39 . **Cardiac Tamponade CARTMP
40 . svy, subpop (CHFADLT): total CARTMP, over (TESCA)
   (running total on estimation sample)

   Survey: Total estimation

   Number of strata =    216          Number of obs   =   34,955,252
   Number of PSUs   = 19,563          Population size =  174,776,205
                                      Subpop. no. obs =    5,168,587
                                      Subpop. size    = 25,842,928.7
                                      Design df       =       19,347
```

	Total	Linearized std. err.	[95% conf.	interval]
c.CARTMP@TESCA				
0	40475	698.3123	39106.25	41843.76
1	10.00001	7.071073	-3.859908	23.85992

```
41 . svy, subpop (CHFADLT): tabulate CARTMP TESCA, cou format (%11.0g)
   (running tabulate on estimation sample)

   Number of strata =    216                  Number of obs   =   34,955,252
   Number of PSUs   = 19,563                  Population size =  174,776,205
                                              Subpop. no. obs =    5,168,587
                                              Subpop. size    = 25,842,928.7
                                              Design df       =       19,347
```

CARTMP	TESCA 0	1	Total
0	25801303.7	1140.00098	25802443.7
1	40475.0041	10.000007	40485.0041
Total	25841778.7	1150.00099	25842928.7

```
   Key: Weighted count

     Pearson:
       Uncorrected   chi2(1)         =   50.5455
       Design-based  F(1, 19347)     =    7.4826     P = 0.0062

42 . svy, subpop (CHFADLT): logistic CARTMP TESCA, col
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                  Number of obs   =   34,955,252
   Number of PSUs   = 19,563                  Population size =  174,776,205
                                              Subpop. no. obs =    5,168,587
                                              Subpop. size    = 25,842,928.7
                                              Design df       =       19,347
                                              F(1, 19347)     =         5.89
                                              Prob > F        =       0.0152
```

CARTMP	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	**5.594965**	**3.969472**	**2.43**	**0.015**	**1.392694**	**22.47703**
_cons	**.0015687**	**.0000236**	**-429.76**	**0.000**	**.0015232**	**.0016156**

Note: **_cons** estimates baseline odds.

```
43 .
44 .
45 .
46 . **Multivariate Analysis
47 . **Death
48 . svy, subpop (CHFADLT): logistic DIED TESCA AGE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_REGION OB
   > E smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
```

(running **logistic** on estimation sample)

Survey: Logistic regression

Number of strata = **216** Number of obs = **34,741,258**
Number of PSUs = **19,563** Population size = **173,706,236**
Subpop. no. obs = **4,954,593**
Subpop. size = **24,772,959.3**
Design df = **19,347**
F(**18, 19330**) = **1714.68**
Prob > F = **0.0000**

DIED	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	**2.235614**	**.5313486**	**3.38**	**0.001**	**1.403057**	**3.562201**
AGE	**1.02027**	**.0002205**	**92.86**	**0.000**	**1.019838**	**1.020702**
RACE	**1.019014**	**.0028005**	**6.85**	**0.000**	**1.01354**	**1.024518**
ZIPINC_QRTL	**1.00066**	**.0027673**	**0.24**	**0.811**	**.9952507**	**1.006099**
HOSP_BEDSIZE	**1.120146**	**.0056625**	**22.44**	**0.000**	**1.109102**	**1.1313**
HOSP_LOCTEACH	**1.164099**	**.0064196**	**27.55**	**0.000**	**1.151584**	**1.17675**
HOSP_REGION	**1.021082**	**.0042129**	**5.06**	**0.000**	**1.012857**	**1.029373**
OBE	**.6622997**	**.0046185**	**-59.09**	**0.000**	**.6533087**	**.6714144**
smoking10	**.6698628**	**.0057902**	**-46.35**	**0.000**	**.6586092**	**.6813087**
alcohol10	**.99511**	**.0125815**	**-0.39**	**0.698**	**.9707522**	**1.020079**
dyslip10	**.5930184**	**.0033226**	**-93.26**	**0.000**	**.5865415**	**.5995668**
htn10	**.7869578**	**.0082526**	**-22.85**	**0.000**	**.7709471**	**.803301**
diabetes10	**.9310434**	**.004643**	**-14.33**	**0.000**	**.9219871**	**.9401886**
ckd10	**1.103628**	**.0057194**	**19.03**	**0.000**	**1.092474**	**1.114896**
cad10	**.8739071**	**.0043264**	**-27.22**	**0.000**	**.8654679**	**.8824285**
pvd10	**1.047733**	**.0096849**	**5.04**	**0.000**	**1.028921**	**1.06689**
liver10	**1.355405**	**.0149194**	**27.63**	**0.000**	**1.326475**	**1.384966**
copd10	**1.1051**	**.0052705**	**20.95**	**0.000**	**1.094817**	**1.115479**
_cons	**.0083445**	**.0002356**	**-169.48**	**0.000**	**.0078951**	**.0088194**

Note: **_cons** estimates baseline odds.

```
49 . **Ventilator Dependence VENT
50 . svy, subpop (CHFADLT): logistic VENT TESCA AGE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_REGION OB
   > E smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                       Number of obs   =   34,743,529
   Number of PSUs   = 19,563                       Population size =  173,717,591
                                                   Subpop. no. obs =    4,956,864
                                                   Subpop. size    = 24,784,314.4
                                                   Design df       =       19,347
                                                   F(18, 19330)    =       386.01
                                                   Prob > F        =       0.0000

------------------------------------------------------------------------------
             |             Linearized
        VENT | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
        TESCA |   .5758546   .5815233    -0.55   0.585      .079557    4.168189
          AGE |   .9836963   .0005038   -32.10   0.000     .9827094    .9846843
         RACE |   1.147435   .0079359    19.89   0.000     1.131985    1.163096
   ZIPINC_QRTL |   1.022447   .0101643     2.23   0.026     1.002717    1.042566
  HOSP_BEDSIZE |   1.087035   .0212404     4.27   0.000     1.046189    1.129475
 HOSP_LOCTEACH |   1.599177   .0363424    20.66   0.000     1.529506    1.672022
   HOSP_REGION |   1.041041   .0177277     2.36   0.018     1.006866    1.076375
           OBE |   .9497751   .0161765    -3.03   0.002     .9185911    .9820177
     smoking10 |   .4636374   .0120239   -29.64   0.000     .4406586    .4878145
     alcohol10 |   .9959611   .0342008    -0.12   0.906     .9311308    1.065305
      dyslip10 |   .5217661   .0086383   -39.29   0.000      .505106    .5389757
         htn10 |   .7225944    .027255    -8.61   0.000     .6710991     .778041
    diabetes10 |   1.083389   .0161904     5.36   0.000     1.052115    1.115593
        ckd10 |   .8209843   .0128654   -12.59   0.000     .7961504    .8465929
        cad10 |   .6787053   .0103971   -25.30   0.000      .658629    .6993935
        pvd10 |   .7772198   .0281203    -6.97   0.000     .7240106    .8343396
       liver10 |   .8459825    .028783    -4.92   0.000     .7914054    .9043234
        copd10 |   1.586286   .0231438    31.62   0.000     1.541564    1.632304
         _cons |   .0043131   .0004436   -52.95   0.000     .0035256    .0052766
------------------------------------------------------------------------------
   Note: _cons estimates baseline odds.

51 . **Arrhythmia ARR
52 . svy, subpop (CHFADLT): logistic ARR TESCA AGE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_REGION OBE
   >  smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                       Number of obs   =   34,743,529
   Number of PSUs   = 19,563                       Population size =  173,717,591
                                                   Subpop. no. obs =    4,956,864
                                                   Subpop. size    = 24,784,314.4
                                                   Design df       =       19,347
                                                   F(18, 19330)    =      9990.29
                                                   Prob > F        =       0.0000
```

ARR	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	1.092765	.160132	0.61	0.545	.8199463	1.456359
AGE	1.036055	.0001242	295.51	0.000	1.035812	1.036299
RACE	.8829876	.0017239	-63.74	0.000	.879615	.8863731
ZIPINC_QRTL	1.094387	.0017071	57.82	0.000	1.091046	1.097738
HOSP_BEDSIZE	1.072157	.0029437	25.38	0.000	1.066403	1.077942
HOSP_LOCTEACH	1.10526	.0033653	32.87	0.000	1.098683	1.111876
HOSP_REGION	.9892907	.0021941	-4.85	0.000	.9849994	.9936007
OBE	1.160086	.0032208	53.49	0.000	1.15379	1.166416
smoking10	.7624743	.0025906	-79.82	0.000	.7574134	.767569
alcohol10	1.189992	.006729	30.76	0.000	1.176875	1.203254
dyslip10	1.001845	.0025348	0.73	0.466	.9968884	1.006825
htn10	.8872545	.0043503	-24.40	0.000	.8787683	.8958226
diabetes10	.8101867	.0019093	-89.32	0.000	.8064529	.8139377
ckd10	1.072502	.0025901	28.98	0.000	1.067437	1.077591
cad10	1.161574	.0027224	63.91	0.000	1.15625	1.166922
pvd10	1.002499	.0043345	0.58	0.564	.9940392	1.011031
liver10	.9004419	.0051367	-18.38	0.000	.8904297	.9105667
copd10	1.102421	.0025779	41.70	0.000	1.09738	1.107485
_cons	.0428837	.0006106	-221.19	0.000	.0417035	.0440973

Note: **_cons** estimates baseline odds.

```
53 . **Acute Pericarditis PERI
54 . svy, subpop (CHFADLT): logistic PERI TESCA AGE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_REGION OB
> E smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
(running logistic on estimation sample)

note: TESCA != 0 predicts failure perfectly;
      TESCA omitted and 225 obs not used.

Survey: Logistic regression

Number of strata =    216                     Number of obs    =   34,743,304
Number of PSUs   = 19,563                     Population size =  173,716,466
                                              Subpop. no. obs =    4,956,639
                                              Subpop. size    = 24,783,189.4
                                              Design df       =       19,347
                                              F(17, 19331)    =        97.36
                                              Prob > F        =       0.0000
```

PERI	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	1	(omitted)				
AGE	.9667831	.0011094	-29.44	0.000	.9646109	.9689601
RACE	.9474488	.0176918	-2.89	0.004	.9133983	.9827686
ZIPINC_QRTL	1.146029	.017714	8.82	0.000	1.111828	1.181281
HOSP_BEDSIZE	1.242862	.0310158	8.71	0.000	1.183532	1.305168
HOSP_LOCTEACH	1.328864	.0447818	8.44	0.000	1.243924	1.419604
HOSP_REGION	.9816285	.0190337	-0.96	0.339	.9450209	1.019654
OBE	.9362013	.0385733	-1.60	0.110	.8635667	1.014945
smoking10	.8257404	.0417008	-3.79	0.000	.7479185	.9116598
alcohol10	.7341465	.0711955	-3.19	0.001	.6070582	.8878408
dyslip10	1.100514	.0394948	2.67	0.008	1.025761	1.180715
htn10	.8735601	.0556678	-2.12	0.034	.7709858	.9897813
diabetes10	.6988413	.0257769	-9.71	0.000	.6500996	.7512375
ckd10	.7827681	.0290152	-6.61	0.000	.7279126	.8417575
cad10	.9839826	.0367509	-0.43	0.666	.9145212	1.05872
pvd10	.637934	.0627239	-4.57	0.000	.5261111	.7735245
liver10	.7188538	.070022	-3.39	0.001	.5939114	.8700807

copd10	.6539357	.0275208	-10.09	0.000	.6021575	.7101662
_cons	.0025509	.0004004	-38.04	0.000	.0018753	.0034699

Note: **_cons** estimates baseline odds.

```
55 . **Pericardial Effusion PCAREFF
56 . svy, subpop (CHFADLT): logistic PCAREFF TESCA AGE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_REGION
   >  OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                     Number of obs   =   34,743,529
   Number of PSUs   = 19,563                     Population size =  173,717,591
                                                 Subpop. no. obs =    4,956,864
                                                 Subpop. size    = 24,784,314.4
                                                 Design df       =       19,347
                                                 F(18, 19330)    =       634.08
                                                 Prob > F        =       0.0000
```

PCAREFF	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	1.480456	.5735473	1.01	0.311	.692801	3.163605
AGE	.9811452	.0002806	-66.56	0.000	.9805953	.9816953
RACE	1.071813	.0040949	18.15	0.000	1.063817	1.079869
ZIPINC_QRTL	1.048559	.0047809	10.40	0.000	1.03923	1.057972
HOSP_BEDSIZE	1.151106	.0094451	17.15	0.000	1.132741	1.169769
HOSP_LOCTEACH	1.347431	.0137004	29.33	0.000	1.320843	1.374554
HOSP_REGION	1.035442	.0066659	5.41	0.000	1.022458	1.048591
OBE	.7869571	.0081791	-23.05	0.000	.7710876	.8031532
smoking10	.7991866	.0099424	-18.02	0.000	.7799343	.818914
alcohol10	.7273549	.0166382	-13.92	0.000	.695463	.7607093
dyslip10	.9666126	.0081351	-4.03	0.000	.9507979	.9826904
htn10	.8122183	.0147955	-11.42	0.000	.7837295	.8417427
diabetes10	.769522	.0065316	-30.87	0.000	.7568255	.7824315
ckd10	1.158364	.0098363	17.31	0.000	1.139243	1.177805
cad10	.7211082	.0061351	-38.43	0.000	.7091825	.7332344
pvd10	.8148879	.0160229	-10.41	0.000	.7840791	.8469073
liver10	.9054387	.0183942	-4.89	0.000	.8700929	.9422204
copd10	.8536325	.0078893	-17.12	0.000	.838308	.8692371
_cons	.01915	.0008547	-88.62	0.000	.0175458	.0209009

Note: **_cons** estimates baseline odds.

```
57 . **Cardiogenic Shock CARSH
58 . svy, subpop (CHFADLT): logistic CARSH TESCA AGE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_REGION O
   > BE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                     Number of obs   =   34,743,529
   Number of PSUs   = 19,563                     Population size =  173,717,591
                                                 Subpop. no. obs =    4,956,864
                                                 Subpop. size    = 24,784,314.4
                                                 Design df       =       19,347
                                                 F(18, 19330)    =      1206.36
                                                 Prob > F        =       0.0000
```

CARSH	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	.5903285	.2704402	-1.15	0.250	.2405019	1.449002
AGE	.9765361	.0002772	-83.64	0.000	.9759928	.9770796
RACE	1.018953	.004511	4.24	0.000	1.010149	1.027833
ZIPINC_QRTL	1.066454	.0050685	13.54	0.000	1.056566	1.076435
HOSP_BEDSIZE	1.450294	.0155295	34.72	0.000	1.420172	1.481055
HOSP_LOCTEACH	1.721662	.0211402	44.25	0.000	1.68072	1.763601
HOSP_REGION	1.084226	.0086981	10.08	0.000	1.06731	1.101409
OBE	.6986895	.0068386	-36.63	0.000	.6854131	.7122231
smoking10	.8609978	.0089926	-14.33	0.000	.8435508	.8788056
alcohol10	1.204069	.0181151	12.34	0.000	1.169081	1.240105
dyslip10	.7247313	.0059478	-39.23	0.000	.7131664	.7364838
htn10	.70847	.0126654	-19.28	0.000	.6840747	.7337353
diabetes10	.8074469	.0057602	-29.98	0.000	.7962349	.8188167
ckd10	1.03301	.0082161	4.08	0.000	1.01703	1.04924
cad10	1.74782	.0137125	71.17	0.000	1.721148	1.774905
pvd10	.9407455	.0135901	-4.23	0.000	.9144813	.967764
liver10	.909746	.0148878	-5.78	0.000	.8810277	.9394005
copd10	.7591951	.0059349	-35.24	0.000	.7476508	.7709176
_cons	.0089125	.0004661	-90.26	0.000	.0080441	.0098745

Note: **_cons** estimates baseline odds.

```
59 . **Cardiac Tamponade CARTMP
60 . svy, subpop (CHFADLT): logistic CARTMP TESCA AGE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_REGION
> OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
(running logistic on estimation sample)

Survey: Logistic regression

Number of strata =    216                  Number of obs   =   34,743,529
Number of PSUs   = 19,563                  Population size =  173,717,591
                                           Subpop. no. obs =    4,956,864
                                           Subpop. size    = 24,784,314.4
                                           Design df       =       19,347
                                           F(18, 19330)    =       145.59
                                           Prob > F        =       0.0000
```

CARTMP	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
TESCA	3.427373	2.431113	1.74	0.082	.8533889	13.76498
AGE	.9800539	.0007575	-26.07	0.000	.9785701	.9815399
RACE	.9876873	.0121485	-1.01	0.314	.9641599	1.011789
ZIPINC_QRTL	1.11571	.0129855	9.41	0.000	1.090546	1.141456
HOSP_BEDSIZE	1.563521	.0312329	22.37	0.000	1.503485	1.625954
HOSP_LOCTEACH	1.919195	.0563882	22.19	0.000	1.811791	2.032965
HOSP_REGION	.985238	.014313	-1.02	0.306	.9575789	1.013696
OBE	.8077042	.0246596	-6.99	0.000	.760787	.8575146
smoking10	.670598	.0266567	-10.05	0.000	.6203323	.7249367
alcohol10	.5970329	.0447225	-6.89	0.000	.5155046	.691455
dyslip10	.9460536	.0235695	-2.23	0.026	.9009653	.9933984
htn10	.8903715	.0407891	-2.53	0.011	.8139058	.974021
diabetes10	.6742397	.0166862	-15.93	0.000	.6423139	.7077524
ckd10	.875119	.0220968	-5.28	0.000	.8328616	.9195204
cad10	.837772	.0210649	-7.04	0.000	.7974839	.8800953
pvd10	.7292483	.0453671	-5.08	0.000	.6455326	.8238207
liver10	.8268352	.0528122	-2.98	0.003	.7295365	.9371106
copd10	.7301574	.0203304	-11.29	0.000	.691376	.7711143
_cons	.0005267	.0000682	-58.34	0.000	.0004087	.0006787

Note: **_cons** estimates baseline odds.

```
61 .
62 . ********************************************************************************************
63 . ****Pleura Mesothelioma Adult PLMESOADLT and PLMESO
64 . **demo and confounder
65 . svy: total CHFADLT
(running total on estimation sample)

Survey: Total estimation

Number of strata =    216        Number of obs   =  34,955,252
Number of PSUs   = 19,563        Population size = 174,776,205
                                 Design df       =      19,347
```

	Total	Linearized std. err.	[95% conf.	interval]
CHFADLT	**2.58e+07**	**154258.2**	**2.55e+07**	**2.61e+07**

```
66 . svy, subpop (CHFADLT): proportion PLMESO
(running proportion on estimation sample)

Survey: Proportion estimation

Number of strata =    216        Number of obs   =   34,955,252
Number of PSUs   = 19,563        Population size =  174,776,205
                                 Subpop. no. obs =    5,168,587
                                 Subpop. size    = 25,842,928.7
                                 Design df       =       19,347
```

	Proportion	Linearized std. err.	Logit [95% conf.	interval]
PLMESO				
0	**.9999282**	**4.12e-06**	**.9999197**	**.9999358**
1	**.0000718**	**4.12e-06**	**.0000642**	**.0000803**

```
67 .
68 . svy, subpop (CHFADLT): mean AGE, over (PLMESO)
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =    216        Number of obs   =   34,955,140
Number of PSUs   = 19,563        Population size =  174,775,645
                                 Subpop. no. obs =    5,168,475
                                 Subpop. size    = 25,842,368.7
                                 Design df       =       19,347
```

	Mean	Linearized std. err.	[95% conf.	interval]
c.AGE@PLMESO				
0	**71.50632**	**.0339468**	**71.43978**	**71.57286**
1	**76.24258**	**.5889423**	**75.08821**	**77.39696**

```
69 . svy, subpop (CHFADLT): tabulate FEMALE PLMESO, col
   (running tabulate on estimation sample)

   Number of strata =    216                     Number of obs   =   34,954,698
   Number of PSUs   = 19,563                     Population size =  174,773,435
                                                 Subpop. no. obs =    5,168,033
                                                 Subpop. size    = 25,840,158.7
                                                 Design df       =       19,347

   ------------------------------
   Indicator |      PLMESO
   of sex    |     0      1  Total
   ----------+-------------------
          0  | .5107  .7973  .5107
          1  | .4893  .2027  .4893
             |
      Total |     1      1      1
   ------------------------------
   Key: Column proportion

     Pearson:
       Uncorrected   chi2(1)         =  822.6655
       Design-based  F(1, 19347)     =  111.9886     P = 0.0000

70 . svy, subpop (CHFADLT): tabulate RACE PLMESO, col
   (running tabulate on estimation sample)

   Number of strata =    216                     Number of obs   =   34,826,869
   Number of PSUs   = 19,563                     Population size =  174,134,290
                                                 Subpop. no. obs =    5,040,204
                                                 Subpop. size    = 25,201,014.2
                                                 Design df       =       19,347

   ------------------------------
   Race      |      PLMESO
   (uniform) |     0      1  Total
   ----------+-------------------
          1  | .6966  .8476  .6966
          2  | .1774  .0554  .1774
          3  | .0773  .0609  .0773
          4  | .0206  .0055  .0206
          5  | .0056  .0055  .0056
          6  | .0226  .0249  .0226
             |
      Total |     1      1      1
   ------------------------------
   Key: Column proportion

     Pearson:
       Uncorrected   chi2(5)         =  327.5144
       Design-based  F(4.96, 96009.04)=    8.8774    P = 0.0000

71 . svy, subpop (CHFADLT): tabulate ZIPINC_QRTL PLMESO, col
   (running tabulate on estimation sample)

   Number of strata =    216                     Number of obs   =   34,869,540
   Number of PSUs   = 19,563                     Population size =  174,347,645
                                                 Subpop. no. obs =    5,082,875
                                                 Subpop. size    = 25,414,368.9
                                                 Design df       =       19,347
```

Median household income national quartile for patient ZIP Code	PLMESO 0	1	Total
1	.3285	.1836	.3285
2	.2699	.2274	.2699
3	.2278	.2932	.2278
4	.1738	.2959	.1738
Total	1	1	1

Key: **Column proportion**

Pearson:
  Uncorrected chi2(**3**) = **438.6034**
  Design-based F(**3.00**, **57956.97**)= **19.3047** P = **0.0000**

```
72 . svy, subpop (CHFADLT): tabulate PAY1 PLMESO, col
(running tabulate on estimation sample)

Number of strata =    216                    Number of obs   =   34,949,903
Number of PSUs   = 19,563                    Population size =  174,749,460
                                             Subpop. no. obs =    5,163,238
                                             Subpop. size    = 25,816,183.8
                                             Design df       =       19,347
```

Primary expected payer (uniform)	PLMESO 0	1	Total
1	.7498	.8162	.7498
2	.095	.0135	.095
3	.1138	.1351	.1138
4	.0206	.0081	.0206
5	.0015	0	.0015
6	.0193	.027	.0193
Total	1	1	1

Key: **Column proportion**

Pearson:
  Uncorrected chi2(**5**) = **230.4160**
  Design-based F(**4.62**, **89456.58**)= **5.6664** P = **0.0001**

```
73 . svy, subpop (CHFADLT): tabulate HOSP_BEDSIZE PLMESO, col
(running tabulate on estimation sample)

Number of strata =    216                       Number of obs   =   34,955,252
Number of PSUs   = 19,563                       Population size =  174,776,205
                                                Subpop. no. obs =    5,168,587
                                                Subpop. size    = 25,842,928.7
                                                Design df       =       19,347
```

Relative bed size category of hospital (STRATA)	PLMESO 0	PLMESO 1	Total
1	.2083	.1671	.2083
2	.2921	.3073	.2921
3	.4996	.5256	.4996
Total	1	1	1

Key: **Column proportion**

```
  Pearson:
    Uncorrected   chi2(2)         =   25.8417
    Design-based  F(1.99, 38461.66)=    1.6979    P = 0.1833

74 . svy, subpop (CHFADLT): tabulate HOSP_LOCTEACH PLMESO, col
(running tabulate on estimation sample)

Number of strata =    216                       Number of obs   =   34,955,252
Number of PSUs   = 19,563                       Population size =  174,776,205
                                                Subpop. no. obs =    5,168,587
                                                Subpop. size    = 25,842,928.7
                                                Design df       =       19,347
```

Location/ teaching status of hospital (STRATA)	PLMESO 0	PLMESO 1	Total
1	.0996	.0512	.0996
2	.2124	.1887	.2124
3	.6881	.7601	.6881
Total	1	1	1

Key: **Column proportion**

```
  Pearson:
    Uncorrected   chi2(2)         =   84.4686
    Design-based  F(1.99, 38546.85)=    5.8100    P = 0.0030
```

```
75 . svy, subpop (CHFADLT): tabulate HOSP_REGION PLMESO, col
   (running tabulate on estimation sample)

   Number of strata =    216                      Number of obs   =   34,955,252
   Number of PSUs   = 19,563                      Population size =  174,776,205
                                                  Subpop. no. obs =    5,168,587
                                                  Subpop. size    = 25,842,928.7
                                                  Design df       =       19,347

   ------------------------------------
   Region of |       PLMESO
   hospital  |     0      1  Total
   ----------+-------------------------
           1 | .1819  .2318  .1819
           2 | .2419  .2561  .2419
           3 |  .403  .3073   .403
           4 | .1733  .2049  .1733
             |
       Total |     1      1      1
   ------------------------------------
   Key: Column proportion

     Pearson:
       Uncorrected   chi2(3)         =  107.9499
       Design-based  F(2.99, 57932.10)=    4.3674    P = 0.0044

76 .
77 . **LOS, Hospital Cost, Death
78 . svy, subpop (CHFADLT): total DIED, over (PLMESO)
   (running total on estimation sample)

   Survey: Total estimation

   Number of strata =    216        Number of obs   =   34,952,813
   Number of PSUs   = 19,563        Population size =  174,764,010
                                    Subpop. no. obs =    5,166,148
                                    Subpop. size    = 25,830,733.7
                                    Design df       =       19,347

   ------------------------------------------------------------------
                |             Linearized
                |      Total   std. err.     [95% conf. interval]
   -------------+----------------------------------------------------
   c.DIED@PLMESO |
              0 |    1274780    8981.32       1257176     1292384
              1 |   155.0005   27.76874      100.5713    209.4296
   ------------------------------------------------------------------

79 . svy, subpop (CHFADLT): tabulate DIED PLMESO, cou format (%11.0g)
   (running tabulate on estimation sample)

   Number of strata =    216                      Number of obs   =   34,952,813
   Number of PSUs   = 19,563                      Population size =  174,764,010
                                                  Subpop. no. obs =    5,166,148
                                                  Subpop. size    = 25,830,733.7
                                                  Design df       =       19,347
```

Died during hospitalization	PLMESO 0	1	Total
0	**24554098.9**	**1699.99887**	**24555798.9**
1	**1274779.78**	**155.000465**	**1274934.78**
Total	**25828878.7**	**1854.99934**	**25830733.7**

Key: **Weighted count**

Pearson:
Uncorrected chi2(**1**) = **62.5789**
Design-based F(**1, 19347**) = **9.0636** P = **0.0026**

```
80 . svy, subpop (CHFADLT): logistic DIED PLMESO, col
```
(running **logistic** on estimation sample)

Survey: Logistic regression

Number of strata = **216** Number of obs = **34,952,813**
Number of PSUs = **19,563** Population size = **174,764,010**
Subpop. no. obs = **5,166,148**
Subpop. size = **25,830,733.7**
Design df = **19,347**
F(**1, 19347**) = **8.83**
Prob > F = **0.0030**

DIED	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	**1.756252**	**.3328691**	**2.97**	**0.003**	**1.211282**	**2.54641**
_cons	**.0519172**	**.0001989**	**-772.02**	**0.000**	**.0515287**	**.0523086**

Note: **_cons** estimates baseline odds.

```
81 .
82 . svy, subpop (CHFADLT): mean LOS, over (PLMESO)
```
(running **mean** on estimation sample)

Survey: Mean estimation

Number of strata = **216** Number of obs = **34,954,985**
Number of PSUs = **19,563** Population size = **174,774,870**
Subpop. no. obs = **5,168,320**
Subpop. size = **25,841,593.7**
Design df = **19,347**

	Mean	Linearized std. err.	[95% conf.	interval]
c.LOS@PLMESO				
0	**6.226148**	**.0124233**	**6.201797**	**6.250499**
1	**8.32345**	**.4715692**	**7.399134**	**9.247767**

```
83 . svy, subpop (CHFADLT): total LOS, over (PLMESO)
   (running total on estimation sample)

   Survey: Total estimation

   Number of strata =    216       Number of obs   =   34,954,985
   Number of PSUs   = 19,563       Population size =  174,774,870
                                   Subpop. no. obs =    5,168,320
                                   Subpop. size    = 25,841,593.7
                                   Design df       =       19,347
```

	Total	Linearized std. err.	[95% conf.	interval]
c.LOS@PLMESO				
0	1.61e+08	1082941	1.59e+08	1.63e+08
1	15439.99	1282.58	12926.03	17953.96

```
84 .
85 . svy,subpop (CHFADLT): mean TOTCHG, over (PLMESO)
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =    216          Number of obs   =   34,915,495
   Number of PSUs   = 19,563          Population size =  174,577,420
                                      Subpop. no. obs =    5,128,830
                                      Subpop. size    = 25,644,144.1
                                      Design df       =       19,347
```

	Mean	Linearized std. err.	[95% conf.	interval]
c.TOTCHG@PLMESO				
0	75116.69	514.5443	74108.14	76125.24
1	103032.7	9405.722	84596.69	121468.7

```
86 .
87 . **Univariate Analysis
88 . **Ventilator Dependence VENT
89 . svy, subpop (CHFADLT): total VENT, over (PLMESO)
   (running total on estimation sample)

   Survey: Total estimation

   Number of strata =    216        Number of obs   =   34,955,252
   Number of PSUs   = 19,563        Population size =  174,776,205
                                    Subpop. no. obs =    5,168,587
                                    Subpop. size    = 25,842,928.7
                                    Design df       =       19,347
```

	Total	Linearized std. err.	[95% conf.	interval]
c.VENT@PLMESO				
0	137219.9	2213.634	132881	141558.9
1	10.00003	7.071089	-3.859917	23.85998

```
90 . svy, subpop (CHFADLT): tabulate VENT PLMESO, cou format (%11.0g)
   (running tabulate on estimation sample)

   Number of strata =    216                      Number of obs   =   34,955,252
   Number of PSUs   = 19,563                      Population size =  174,776,205
                                                  Subpop. no. obs =    5,168,587
                                                  Subpop. size    = 25,842,928.7
                                                  Design df       =       19,347

   ------------------------------------------------
             |               PLMESO
        VENT |          0           1       Total
   -----------+------------------------------------
           0 | 25703853.8  1844.99931  25705698.8
           1 | 137219.939  10.0000302  137229.939
             |
       Total | 25841073.7  1854.99934  25842928.7
   ------------------------------------------------
   Key: Weighted count

     Pearson:
       Uncorrected   chi2(1)         =    0.0031
       Design-based  F(1, 19347)     =    0.0005     P = 0.9828

91 . svy, subpop (CHFADLT): logistic VENT PLMESO, col
   (running logistic on estimation sample)

   Survey: Logistic regression

   Number of strata =    216                      Number of obs   =   34,955,252
   Number of PSUs   = 19,563                      Population size =  174,776,205
                                                  Subpop. no. obs =    5,168,587
                                                  Subpop. size    = 25,842,928.7
                                                  Design df       =       19,347
                                                  F(1, 19347)     =         0.00
                                                  Prob > F        =       0.9827

   ------------------------------------------------------------------------------
                |             Linearized
           VENT | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
   -------------+----------------------------------------------------------------
         PLMESO |   1.015397   .7153821     0.02   0.983     .2552098    4.039933
          _cons |   .0053385   .0000796  -351.13   0.000     .0051848    .0054967
   ------------------------------------------------------------------------------
   Note: _cons estimates baseline odds.

92 .
93 .
94 . **Arrhythmia ARR
95 . svy, subpop (CHFADLT): total ARR, over (PLMESO)
   (running total on estimation sample)

   Survey: Total estimation

   Number of strata =    216       Number of obs   =   34,955,252
   Number of PSUs   = 19,563       Population size =  174,776,205
                                   Subpop. no. obs =    5,168,587
                                   Subpop. size    = 25,842,928.7
                                   Design df       =       19,347
```

	Total	Linearized std. err.	[95% conf.	interval]
c.ARR@PLMESO				
0	**1.19e+07**	**76099.76**	**1.17e+07**	**1.20e+07**
1	**975**	**73.77643**	**830.3918**	**1119.608**

96 . svy, subpop (CHFADLT): tabulate ARR PLMESO, cou format (%11.0g)
(running **tabulate** on estimation sample)

Number of strata = **216** Number of obs = **34,955,252**
Number of PSUs = **19,563** Population size = **174,776,205**
Subpop. no. obs = **5,168,587**
Subpop. size = **25,842,928.7**
Design df = **19,347**

ARR	PLMESO 0	1	Total
0	**13959661.7**	**879.999379**	**13960541.7**
1	**11881412.1**	**974.999959**	**11882387.1**
Total	**25841073.7**	**1854.99934**	**25842928.7**

Key: **Weighted count**

Pearson:
Uncorrected chi2(**1**) = **43.7583**
Design-based F(**1, 19347**) = **5.9905** P = **0.0144**

97 . svy, subpop (CHFADLT): logistic ARR PLMESO, col
(running **logistic** on estimation sample)

Survey: Logistic regression

Number of strata = **216** Number of obs = **34,955,252**
Number of PSUs = **19,563** Population size = **174,776,205**
Subpop. no. obs = **5,168,587**
Subpop. size = **25,842,928.7**
Design df = **19,347**
F(**1, 19347**) = **5.96**
Prob > F = **0.0147**

ARR	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	**1.301754**	**.1406646**	**2.44**	**0.015**	**1.053281**	**1.608843**
_cons	**.8511246**	**.0025313**	**-54.20**	**0.000**	**.8461775**	**.8561007**

Note: **_cons** estimates baseline odds.

```
 98 .
 99 . **Acute Pericarditis PERI
100 . svy, subpop (CHFADLT): total PERI, over (PLMESO)
    (running total on estimation sample)

    Survey: Total estimation

    Number of strata =    216        Number of obs   =   34,955,252
    Number of PSUs   = 19,563        Population size =  174,776,205
                                     Subpop. no. obs =    5,168,587
                                     Subpop. size    = 25,842,928.7
                                     Design df       =       19,347

    ------------------------------------------------------------
                 |             Linearized
                 |      Total   std. err.     [95% conf. interval]
    -------------+----------------------------------------------
    c.PERI@PLMESO |
               0 |   18474.99   368.3377      17753.02    19196.97
               1 |          5          5     -4.800433    14.80043
    ------------------------------------------------------------

101 . svy, subpop (CHFADLT): tabulate PERI PLMESO, cou format (%11.0g)
    (running tabulate on estimation sample)

    Number of strata =    216                       Number of obs   =   34,955,252
    Number of PSUs   = 19,563                       Population size =  174,776,205
                                                    Subpop. no. obs =    5,168,587
                                                    Subpop. size    = 25,842,928.7
                                                    Design df       =       19,347

    ------------------------------------------------------------
                 |               PLMESO
         PERI    |          0           1       Total
    -------------+----------------------------------------------
            0    | 25822598.7  1849.99934  25824448.7
            1    | 18474.9927           5  18479.9927
                 |
        Total    | 25841073.7  1854.99934  25842928.7
    ------------------------------------------------------------
    Key: Weighted count

      Pearson:
        Uncorrected   chi2(1)         =   13.7712
        Design-based  F(1, 19347)     =    2.0346     P = 0.1538

102 . svy, subpop (CHFADLT): logistic PERI PLMESO, col
    (running logistic on estimation sample)

    Survey: Logistic regression

    Number of strata =    216                       Number of obs   =   34,955,252
    Number of PSUs   = 19,563                       Population size =  174,776,205
                                                    Subpop. no. obs =    5,168,587
                                                    Subpop. size    = 25,842,928.7
                                                    Design df       =       19,347
                                                    F(1, 19347)     =         1.76
                                                    Prob > F        =       0.1847
```

PERI	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	**3.777588**	**3.784737**	**1.33**	**0.185**	**.5300893**	**26.92032**
_cons	**.0007155**	**.0000133**	**-390.35**	**0.000**	**.0006899**	**.000742**

Note: **_cons** estimates baseline odds.

```
103 .
104 . **Pericardial Effusion PCAREFF
105 . svy, subpop (CHFADLT): total PCAREFF, over (PLMESO)
```
(running **total** on estimation sample)

Survey: Total estimation

Number of strata = **216** Number of obs = **34,955,252**
Number of PSUs = **19,563** Population size = **174,776,205**
Subpop. no. obs = **5,168,587**
Subpop. size = **25,842,928.7**
Design df = **19,347**

	Total	Linearized std. err.	[95% conf.	interval]
c.PCAREFF@PLMESO				
0	**368189.9**	**3543.793**	**361243.8**	**375136.1**
1	**115.0001**	**23.9447**	**68.06637**	**161.9338**

```
106 . svy, subpop (CHFADLT): tabulate PCAREFF PLMESO, cou format (%11.0g)
```
(running **tabulate** on estimation sample)

Number of strata = **216** Number of obs = **34,955,252**
Number of PSUs = **19,563** Population size = **174,776,205**
Subpop. no. obs = **5,168,587**
Subpop. size = **25,842,928.7**
Design df = **19,347**

PCAREFF	PLMESO 0	1	Total
0	**25472883.8**	**1739.99928**	**25474623.8**
1	**368189.937**	**115.000061**	**368304.937**
Total	**25841073.7**	**1854.99934**	**25842928.7**

Key: **Weighted count**

Pearson:
Uncorrected chi2(**1**) = **407.1300**
Design-based F(**1**, **19347**) = **61.5185** P = **0.0000**

```
107 . svy, subpop (CHFADLT): logistic PCAREFF PLMESO, col
    (running logistic on estimation sample)

    Survey: Logistic regression

    Number of strata =    216                      Number of obs   =   34,955,252
    Number of PSUs   = 19,563                      Population size =  174,776,205
                                                   Subpop. no. obs =    5,168,587
                                                   Subpop. size    = 25,842,928.7
                                                   Design df       =       19,347
                                                   F(1, 19347)     =        50.93
                                                   Prob > F        =       0.0000

    ------------------------------------------------------------------------------
                |             Linearized
         PCAREFF | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
    -------------+----------------------------------------------------------------
          PLMESO |   4.572632    .973975     7.14   0.000     3.011953    6.941995
           _cons |   .0144542   .0000965  -634.60   0.000     .0142663    .0146446
    ------------------------------------------------------------------------------
    Note: _cons estimates baseline odds.

108 .
109 . **Cardiogenic Shock CARSH
110 . svy, subpop (CHFADLT): total CARSH, over (PLMESO)
    (running total on estimation sample)

    Survey: Total estimation

    Number of strata =    216         Number of obs   =   34,955,252
    Number of PSUs   = 19,563         Population size =  174,776,205
                                      Subpop. no. obs =    5,168,587
                                      Subpop. size    = 25,842,928.7
                                      Design df       =       19,347

    ---------------------------------------------------------------------
                    |             Linearized
                    |      Total   std. err.     [95% conf. interval]
    ----------------+----------------------------------------------------
    c.CARSH@PLMESO  |
                  0 |     594800   7287.742      580515.4    609084.6
                  1 |   34.99999   13.22875      9.070489    60.92949
    ---------------------------------------------------------------------

111 . svy, subpop (CHFADLT): tabulate CARSH PLMESO, cou format (%11.0g)
    (running tabulate on estimation sample)

    Number of strata =    216                      Number of obs   =   34,955,252
    Number of PSUs   = 19,563                      Population size =  174,776,205
                                                   Subpop. no. obs =    5,168,587
                                                   Subpop. size    = 25,842,928.7
                                                   Design df       =       19,347

    ------------------------------------------------------------------
                |               PLMESO
         CARSH |          0           1       Total
    -----------+------------------------------------------------------
             0 | 25246273.8  1819.99935  25248093.8
             1 | 594799.963  34.9999907  594834.963
                |
         Total | 25841073.7  1854.99934  25842928.7
    ------------------------------------------------------------------
    Key: Weighted count
```

```
  Pearson:
    Uncorrected   chi2(1)         =    1.9212
    Design-based  F(1, 19347)     =    0.2943     P = 0.5875

112 . svy, subpop (CHFADLT): logistic CARSH PLMESO, col
    (running logistic on estimation sample)

    Survey: Logistic regression

    Number of strata =    216                     Number of obs   =   34,955,252
    Number of PSUs   = 19,563                     Population size =  174,776,205
                                                  Subpop. no. obs =    5,168,587
                                                  Subpop. size    = 25,842,928.7
                                                  Design df       =       19,347
                                                  F(1, 19347)     =         0.29
                                                  Prob > F        =       0.5881

------------------------------------------------------------------------------
             |             Linearized
       CARSH | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
      PLMESO |   .8162579   .3060143    -0.54   0.588     .3914649     1.70201
       _cons |   .0235599   .0002276  -388.00   0.000      .023118    .0240103
------------------------------------------------------------------------------
    Note: _cons estimates baseline odds.

113 .
114 . **Pleural Effusion PLEUEFF
115 . svy, subpop (CHFADLT): total PLEUEFF, over (PLMESO)
    (running total on estimation sample)

    Survey: Total estimation

    Number of strata =    216           Number of obs   =   34,955,252
    Number of PSUs   = 19,563           Population size =  174,776,205
                                        Subpop. no. obs =    5,168,587
                                        Subpop. size    = 25,842,928.7
                                        Design df       =       19,347

--------------------------------------------------------------
                   |            Linearized
                   |     Total   std. err.     [95% conf. interval]
-------------------+------------------------------------------------
c.PLEUEFF@PLMESO   |
                 0 |   1139480   8492.254       1122834     1156125
                 1 |  399.9996   45.00883      311.7784    488.2208
--------------------------------------------------------------

116 . svy, subpop (CHFADLT): tabulate PLEUEFF PLMESO, cou format (%11.0g)
    (running tabulate on estimation sample)

    Number of strata =    216                     Number of obs   =   34,955,252
    Number of PSUs   = 19,563                     Population size =  174,776,205
                                                  Subpop. no. obs =    5,168,587
                                                  Subpop. size    = 25,842,928.7
                                                  Design df       =       19,347
```

PLEUEFF	PLMESO 0	1	Total
0	**24701594**	**1454.99975**	**24703049**
1	**1139479.71**	**399.999591**	**1139879.71**
Total	**25841073.7**	**1854.99934**	**25842928.7**

Key: **Weighted count**

Pearson:
Uncorrected chi2(**1**) = **1750.9584**
Design-based F(**1, 19347**) = **262.3078** P = **0.0000**

```
117 . svy, subpop (CHFADLT): logistic PLEUEFF PLMESO, col
```
(running **logistic** on estimation sample)

Survey: Logistic regression

Number of strata = **216** Number of obs = **34,955,252**
Number of PSUs = **19,563** Population size = **174,776,205**
Subpop. no. obs = **5,168,587**
Subpop. size = **25,842,928.7**
Design df = **19,347**
F(**1, 19347**) = **202.53**
Prob > F = **0.0000**

PLEUEFF	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	**5.95991**	**.7475603**	**14.23**	**0.000**	**4.660855**	**7.621033**
_cons	**.0461298**	**.000241**	**-588.89**	**0.000**	**.0456599**	**.0466046**

Note: **_cons** estimates baseline odds.

```
118 .
119 . **Cardiac Tamponade CARTMP
120 . svy, subpop (CHFADLT): total CARTMP, over (PLMESO)
```
(running **total** on estimation sample)

Survey: Total estimation

Number of strata = **216** Number of obs = **34,955,252**
Number of PSUs = **19,563** Population size = **174,776,205**
Subpop. no. obs = **5,168,587**
Subpop. size = **25,842,928.7**
Design df = **19,347**

	Total	Linearized std. err.	[95% conf.	interval]
c.CARTMP@PLMESO				
0	**40470**	**698.3378**	**39101.2**	**41838.81**
1	**15.00009**	**8.637545**	**-1.930248**	**31.93042**

```
121 . svy, subpop (CHFADLT): tabulate CARTMP PLMESO, cou format (%11.0g)
    (running tabulate on estimation sample)

    Number of strata =    216                      Number of obs   =   34,955,252
    Number of PSUs   = 19,563                      Population size =  174,776,205
                                                   Subpop. no. obs =    5,168,587
                                                   Subpop. size    = 25,842,928.7
                                                   Design df       =       19,347

    ------------------------------------------------
                |               PLMESO
       CARTMP |          0           1       Total
    -----------+------------------------------------
            0 | 25800603.7  1839.99925  25802443.7
            1 |  40470.004  15.0000883  40485.0041
              |
        Total | 25841073.7  1854.99934  25842928.7
    ------------------------------------------------
    Key: Weighted count

      Pearson:
        Uncorrected   chi2(1)         =   68.1919
        Design-based  F(1, 19347)     =   10.3461     P = 0.0013

122 . svy, subpop (CHFADLT): logistic CARTMP PLMESO, col
    (running logistic on estimation sample)

    Survey: Logistic regression

    Number of strata =    216                      Number of obs   =   34,955,252
    Number of PSUs   = 19,563                      Population size =  174,776,205
                                                   Subpop. no. obs =    5,168,587
                                                   Subpop. size    = 25,842,928.7
                                                   Design df       =       19,347
                                                   F(1, 19347)     =         8.31
                                                   Prob > F        =       0.0040

    ------------------------------------------------------------------------------
                |             Linearized
          CARTMP | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
    -------------+----------------------------------------------------------------
          PLMESO |   5.200656   2.974845     2.88   0.004     1.694841    15.95833
           _cons |   .0015686   .0000236  -429.62   0.000      .001523    .0016155
    ------------------------------------------------------------------------------
    Note: _cons estimates baseline odds.

123 .
124 .
125 .
126 . **Multivariate Analysis
127 . **Death
128 . svy, subpop (CHFADLT): logistic DIED PLMESO AGE FEMALE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_R
    > EGION OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
    (running logistic on estimation sample)

    Survey: Logistic regression

    Number of strata =    216                      Number of obs   =   34,740,757
    Number of PSUs   = 19,563                      Population size =  173,703,731
                                                   Subpop. no. obs =    4,954,092
                                                   Subpop. size    = 24,770,454.3
                                                   Design df       =       19,347
                                                   F(19, 19329)    =      1666.74
                                                   Prob > F        =       0.0000
```

DIED	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	1.487614	.291265	2.03	0.043	1.013492	2.183536
AGE	1.021224	.0002241	95.70	0.000	1.020785	1.021664
FEMALE	.8417381	.0037357	-38.82	0.000	.8344476	.8490924
RACE	1.020455	.0027897	7.41	0.000	1.015002	1.025938
ZIPINC_QRTL	.9979425	.0027576	-0.75	0.456	.992552	1.003362
HOSP_BEDSIZE	1.118766	.0056496	22.22	0.000	1.107747	1.129894
HOSP_LOCTEACH	1.16319	.0064041	27.46	0.000	1.150705	1.175811
HOSP_REGION	1.020225	.0042017	4.86	0.000	1.012023	1.028494
OBE	.6715253	.004683	-57.10	0.000	.6624086	.6807675
smoking10	.6654937	.005757	-47.07	0.000	.6543045	.6768742
alcohol10	.9533774	.0121191	-3.76	0.000	.9299163	.9774303
dyslip10	.5917581	.0033168	-93.61	0.000	.5852925	.598295
htn10	.7901185	.0082788	-22.48	0.000	.7740568	.8065135
diabetes10	.9298507	.0046338	-14.59	0.000	.9208122	.938978
ckd10	1.092537	.0056823	17.02	0.000	1.081456	1.103732
cad10	.8511027	.0042883	-32.00	0.000	.8427386	.8595498
pvd10	1.041831	.009631	4.43	0.000	1.023123	1.06088
liver10	1.344765	.0148177	26.88	0.000	1.316033	1.374125
copd10	1.107287	.0052786	21.38	0.000	1.096989	1.117682
_cons	.0087186	.0002465	-167.72	0.000	.0082485	.0092154

Note: **_cons** estimates baseline odds.

```
129 . **Ventilator Dependence VENT
130 . svy, subpop (CHFADLT): logistic VENT PLMESO AGE FEMALE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_R
> EGION OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
(running logistic on estimation sample)

Survey: Logistic regression

Number of strata =    216                  Number of obs    =   34,743,028
Number of PSUs   = 19,563                  Population size  =  173,715,086
                                           Subpop. no. obs  =    4,956,363
                                           Subpop. size     = 24,781,809.4
                                           Design df        =       19,347
                                           F(19, 19329)     =       365.28
                                           Prob > F         =       0.0000
```

VENT	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	1.027535	.7206139	0.04	0.969	.2599015	4.062417
AGE	.9841711	.0005075	-30.94	0.000	.9831769	.9851663
FEMALE	.8868055	.0119973	-8.88	0.000	.8635987	.9106359
RACE	1.147941	.0079245	19.99	0.000	1.132512	1.163579
ZIPINC_QRTL	1.020545	.0101384	2.05	0.041	1.000865	1.040612
HOSP_BEDSIZE	1.086184	.0212175	4.23	0.000	1.045382	1.128579
HOSP_LOCTEACH	1.59823	.0363163	20.64	0.000	1.528609	1.671022
HOSP_REGION	1.040516	.0176861	2.34	0.019	1.006421	1.075766
OBE	.9579808	.0162643	-2.53	0.011	.926626	.9903967
smoking10	.4614224	.0119592	-29.84	0.000	.4385668	.485469
alcohol10	.9652516	.0333658	-1.02	0.306	.9020182	1.032918
dyslip10	.520745	.0086336	-39.36	0.000	.5040943	.5379456
htn10	.7241914	.0273019	-8.56	0.000	.6726066	.7797324
diabetes10	1.082924	.0161711	5.33	0.000	1.051686	1.115089
ckd10	.8157881	.0128302	-12.95	0.000	.7910235	.8413279
cad10	.6672605	.0103497	-26.08	0.000	.6472794	.6878584
pvd10	.7737244	.0280036	-7.09	0.000	.7207367	.8306077
liver10	.8412694	.0286403	-5.08	0.000	.786964	.8993222
copd10	1.591005	.0231716	31.88	0.000	1.546229	1.637078

_cons	.0045008	.0004627	-52.56	0.000	.0036794	.0055056

Note: **_cons** estimates baseline odds.

```
131 . **Arrhythmia ARR
132 . svy, subpop (CHFADLT): logistic ARR PLMESO AGE FEMALE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_RE
    > GION OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
    (running logistic on estimation sample)

    Survey: Logistic regression

    Number of strata =    216                       Number of obs   =   34,743,028
    Number of PSUs   = 19,563                       Population size =  173,715,086
                                                    Subpop. no. obs =    4,956,363
                                                    Subpop. size    = 24,781,809.4
                                                    Design df       =       19,347
                                                    F(19, 19329)    =     10614.35
                                                    Prob > F        =       0.0000
```

ARR	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	.9273867	.1063929	-0.66	0.511	.7406313	1.161234
AGE	1.038265	.000126	309.37	0.000	1.038018	1.038512
FEMALE	.6982071	.001535	-163.40	0.000	.6952048	.7012224
RACE	.885637	.0017033	-63.15	0.000	.8823047	.8889819
ZIPINC_QRTL	1.088086	.0016911	54.32	0.000	1.084776	1.091406
HOSP_BEDSIZE	1.069606	.0029213	24.64	0.000	1.063895	1.075347
HOSP_LOCTEACH	1.104072	.00335	32.63	0.000	1.097525	1.110658
HOSP_REGION	.9874406	.0021729	-5.74	0.000	.9831907	.9917088
OBE	1.193147	.0033228	63.41	0.000	1.186652	1.199678
smoking10	.7509115	.002564	-83.90	0.000	.7459026	.7559539
alcohol10	1.087833	.0061989	14.77	0.000	1.07575	1.100051
dyslip10	.9968137	.0025401	-1.25	0.210	.9918472	1.001805
htn10	.8927374	.0043648	-23.21	0.000	.8842228	.9013339
diabetes10	.8080062	.001901	-90.61	0.000	.8042886	.811741
ckd10	1.052967	.0025588	21.24	0.000	1.047963	1.057994
cad10	1.10082	.0026391	40.07	0.000	1.095659	1.106005
pvd10	.9908489	.0042933	-2.12	0.034	.9824693	.9992999
liver10	.8854322	.0050747	-21.23	0.000	.875541	.8954353
copd10	1.112316	.0026083	45.39	0.000	1.107215	1.11744
_cons	.0464276	.0006611	-215.59	0.000	.0451497	.0477416

Note: **_cons** estimates baseline odds.

```
133 . **Acute Pericarditis PERI
134 . svy, subpop (CHFADLT): logistic PERI PLMESO AGE FEMALE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_R
    > EGION OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
    (running logistic on estimation sample)

    Survey: Logistic regression

    Number of strata =    216                       Number of obs   =   34,743,028
    Number of PSUs   = 19,563                       Population size =  173,715,086
                                                    Subpop. no. obs =    4,956,363
                                                    Subpop. size    = 24,781,809.4
                                                    Design df       =       19,347
                                                    F(19, 19329)    =        87.90
                                                    Prob > F        =       0.0000
```

PERI	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	3.673134	3.698966	1.29	0.196	.5102647	26.44101
AGE	.9670202	.0011177	-29.01	0.000	.9648318	.9692135
FEMALE	.9440014	.0331053	-1.64	0.100	.8812921	1.011173
RACE	.9479249	.017679	-2.87	0.004	.9138983	.9832184
ZIPINC_QRTL	1.144321	.0177456	8.69	0.000	1.110061	1.179638
HOSP_BEDSIZE	1.241615	.0309671	8.68	0.000	1.182376	1.303821
HOSP_LOCTEACH	1.32888	.0448083	8.43	0.000	1.243891	1.419675
HOSP_REGION	.9809047	.0190201	-0.99	0.320	.9443232	1.018903
OBE	.9396217	.038882	-1.51	0.132	.8664185	1.01901
smoking10	.8240916	.0417059	-3.82	0.000	.7462682	.9100307
alcohol10	.7243835	.0704849	-3.31	0.001	.5986026	.876594
dyslip10	1.100376	.0394881	2.67	0.008	1.025635	1.180563
htn10	.8747343	.055749	-2.10	0.036	.7720112	.9911256
diabetes10	.6996624	.0257928	-9.69	0.000	.6508897	.7520898
ckd10	.7801932	.0289841	-6.68	0.000	.7254009	.8391241
cad10	.9736746	.03662	-0.71	0.478	.9044782	1.048165
pvd10	.6373983	.0626948	-4.58	0.000	.5256312	.7729309
liver10	.7175883	.069911	-3.41	0.001	.5928461	.8685779
copd10	.6557409	.0275955	-10.03	0.000	.6038221	.7121239
_cons	.0026072	.0004119	-37.66	0.000	.0019129	.0035535

Note: **_cons** estimates baseline odds.

```
135 . **Pericardial Effusion PCAREFF
136 . svy, subpop (CHFADLT): logistic PCAREFF PLMESO AGE FEMALE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOS
> P_REGION OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
(running logistic on estimation sample)

Survey: Logistic regression

Number of strata =    216                  Number of obs    =   34,743,028
Number of PSUs   = 19,563                  Population size  =  173,715,086
                                           Subpop. no. obs  =    4,956,363
                                           Subpop. size     = 24,781,809.4
                                           Design df        =       19,347
                                           F(19, 19329)     =       644.30
                                           Prob > F         =       0.0000
```

PCAREFF	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	4.76359	1.047382	7.10	0.000	3.095758	7.329964
AGE	.9802419	.0002807	-69.69	0.000	.9796918	.9807922
FEMALE	1.243726	.0101188	26.81	0.000	1.224049	1.263718
RACE	1.070741	.0041106	17.80	0.000	1.062714	1.078829
ZIPINC_QRTL	1.052357	.0047997	11.19	0.000	1.042991	1.061807
HOSP_BEDSIZE	1.152802	.00947	17.31	0.000	1.134388	1.171514
HOSP_LOCTEACH	1.349385	.0137382	29.43	0.000	1.322724	1.376584
HOSP_REGION	1.036678	.006699	5.57	0.000	1.023631	1.049892
OBE	.7763654	.0080855	-24.31	0.000	.7606778	.7923765
smoking10	.8077729	.0100706	-17.12	0.000	.7882728	.8277554
alcohol10	.7693505	.0176994	-11.40	0.000	.7354287	.804837
dyslip10	.9703301	.0081758	-3.57	0.000	.9544363	.9864885
htn10	.8097288	.0147622	-11.58	0.000	.7813046	.8391871
diabetes10	.7690587	.0065393	-30.88	0.000	.7563473	.7819837
ckd10	1.172483	.0099923	18.67	0.000	1.15306	1.192233
cad10	.7448349	.0064206	-34.17	0.000	.7323557	.7575267
pvd10	.8203892	.0161303	-10.07	0.000	.789374	.8526231
liver10	.9156293	.0186247	-4.33	0.000	.8798415	.9528728
copd10	.8480565	.0078392	-17.83	0.000	.8328294	.863562

_cons	.0175773	.0007862	-90.35	0.000	.0161019	.0191878

Note: **_cons** estimates baseline odds.

```
137 . **Cardiogenic Shock CARSH
138 . svy, subpop (CHFADLT): logistic CARSH PLMESO AGE FEMALE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP_
    > REGION OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
    (running logistic on estimation sample)

    Survey: Logistic regression

    Number of strata =    216                       Number of obs   =   34,743,028
    Number of PSUs   = 19,563                       Population size =  173,715,086
                                                    Subpop. no. obs =    4,956,363
                                                    Subpop. size    = 24,781,809.4
                                                    Design df       =       19,347
                                                    F(19, 19329)    =      1237.08
                                                    Prob > F        =       0.0000
```

CARSH	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	.7901372	.2946143	-0.63	0.528	.3804518	1.640988
AGE	.9778476	.0002813	-77.88	0.000	.9772965	.9783991
FEMALE	.695837	.0046186	-54.64	0.000	.6868428	.7049489
RACE	1.021374	.00446	4.84	0.000	1.01267	1.030154
ZIPINC_QRTL	1.05965	.0050096	12.26	0.000	1.049876	1.069514
HOSP_BEDSIZE	1.44592	.0154146	34.59	0.000	1.416019	1.476451
HOSP_LOCTEACH	1.717179	.0209902	44.23	0.000	1.676525	1.758818
HOSP_REGION	1.082212	.008607	9.93	0.000	1.065473	1.099215
OBE	.7142596	.0069748	-34.46	0.000	.7007184	.7280625
smoking10	.8471362	.0088724	-15.84	0.000	.8299228	.8647066
alcohol10	1.109317	.0167541	6.87	0.000	1.076958	1.142647
dyslip10	.7189701	.0058944	-40.24	0.000	.7075089	.7306169
htn10	.7117229	.0126823	-19.08	0.000	.6872936	.7370205
diabetes10	.8084471	.0057495	-29.90	0.000	.7972557	.8197956
ckd10	1.014608	.0080757	1.82	0.068	.9989018	1.030561
cad10	1.659822	.0131957	63.74	0.000	1.634158	1.685889
pvd10	.9320672	.0134593	-4.87	0.000	.9060556	.9588256
liver10	.8956625	.0146567	-6.73	0.000	.8673899	.9248565
copd10	.768301	.0059904	-33.80	0.000	.7566486	.7801328
_cons	.0101513	.0005294	-88.02	0.000	.0091649	.0112438

Note: **_cons** estimates baseline odds.

```
139 . **Pleural Effusion PLEUEFF
140 . svy, subpop (CHFADLT): logistic PLEUEFF PLMESO AGE FEMALE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOS
    > P_REGION OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
    (running logistic on estimation sample)

    Survey: Logistic regression

    Number of strata =    216                       Number of obs   =   34,743,028
    Number of PSUs   = 19,563                       Population size =  173,715,086
                                                    Subpop. no. obs =    4,956,363
                                                    Subpop. size    = 24,781,809.4
                                                    Design df       =       19,347
                                                    F(19, 19329)    =       927.01
                                                    Prob > F        =       0.0000
```

PLEUEFF	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	5.400899	.7084793	12.86	0.000	4.176381	6.984446
AGE	1.012562	.0002263	55.86	0.000	1.012118	1.013006
FEMALE	.8979433	.0042735	-22.62	0.000	.8896057	.906359
RACE	.9857848	.0039036	-3.62	0.000	.978163	.993466
ZIPINC_QRTL	1.02181	.003624	6.08	0.000	1.014732	1.028938
HOSP_BEDSIZE	1.048746	.0065881	7.58	0.000	1.035912	1.061739
HOSP_LOCTEACH	1.073183	.0078088	9.71	0.000	1.057986	1.088598
HOSP_REGION	1.056112	.0055539	10.38	0.000	1.045281	1.067054
OBE	.6164528	.0043748	-68.17	0.000	.6079373	.6250876
smoking10	.7905262	.0064984	-28.59	0.000	.7778909	.8033667
alcohol10	1.041577	.0132077	3.21	0.001	1.016008	1.06779
dyslip10	.7926643	.0041751	-44.11	0.000	.7845229	.8008903
htn10	1.025613	.011559	2.24	0.025	1.003205	1.048522
diabetes10	.9406506	.0047309	-12.17	0.000	.9314232	.9499695
ckd10	1.150338	.006015	26.78	0.000	1.138608	1.162189
cad10	.8451826	.004306	-33.01	0.000	.8367844	.8536651
pvd10	1.059881	.0102246	6.03	0.000	1.040028	1.080113
liver10	1.300434	.014662	23.30	0.000	1.272011	1.329493
copd10	1.065208	.0055514	12.12	0.000	1.054382	1.076145
_cons	.0156567	.0005336	-121.96	0.000	.0146449	.0167385

Note: **_cons** estimates baseline odds.

```
141 . **Cardiac Tamponade CARTMP
142 . svy, subpop (CHFADLT): logistic CARTMP PLMESO AGE FEMALE RACE ZIPINC_QRTL HOSP_BEDSIZE HOSP_LOCTEACH HOSP
> _REGION OBE smoking10 alcohol10 dyslip10 htn10 diabetes10 ckd10 cad10 pvd10 liver10 copd10
(running logistic on estimation sample)

Survey: Logistic regression

Number of strata =    216                  Number of obs    =   34,743,028
Number of PSUs   = 19,563                  Population size  =  173,715,086
                                           Subpop. no. obs  =    4,956,363
                                           Subpop. size     = 24,781,809.4
                                           Design df        =       19,347
                                           F(19, 19329)     =       137.33
                                           Prob > F         =       0.0000
```

CARTMP	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
PLMESO	2.936391	2.045236	1.55	0.122	.749727	11.50071
AGE	.9805282	.000766	-25.17	0.000	.9790279	.9820308
FEMALE	.8906853	.021315	-4.84	0.000	.8498707	.93346
RACE	.9884735	.0121252	-0.95	0.345	.9649906	1.012528
ZIPINC_QRTL	1.113293	.0129422	9.23	0.000	1.088212	1.138952
HOSP_BEDSIZE	1.561693	.031167	22.34	0.000	1.501782	1.623993
HOSP_LOCTEACH	1.917345	.0563044	22.17	0.000	1.810099	2.030944
HOSP_REGION	.984972	.0142916	-1.04	0.297	.9573539	1.013387
OBE	.813427	.0249064	-6.74	0.000	.7660444	.8637403
smoking10	.6668397	.026551	-10.18	0.000	.6167765	.7209665
alcohol10	.5804246	.0435863	-7.24	0.000	.5009817	.6724652
dyslip10	.9440933	.0235279	-2.31	0.021	.8990847	.991355
htn10	.8905653	.0408691	-2.53	0.012	.8139555	.9743857
diabetes10	.6742783	.0166716	-15.94	0.000	.6423797	.7077608
ckd10	.8695753	.0220094	-5.52	0.000	.8274875	.9138037
cad10	.8224812	.0210412	-7.64	0.000	.7822556	.8647753
pvd10	.7269895	.0452417	-5.12	0.000	.6435069	.8213023
liver10	.8220343	.0525245	-3.07	0.002	.7252679	.9317115
copd10	.7327957	.0204041	-11.17	0.000	.6938736	.7739011

_cons	**.0005496**	**.0000712**	**-57.97**	**0.000**	**.0004264**	**.0007084**

Note: **_cons** estimates baseline odds.

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143 .
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