Supplemental materials for

Boyd K, Winslow V, Borson S, Lindau S, Makelarski JA. Caregiving in a pandemic: health-related socioeconomic vulnerabilities among female caregivers early in the COVID-19 pandemic. *Ann Fam Med*. 2022;20(5):406-413.

Supplemental Table 1. Survey items used to assess change in socioeconomic vulnerabilities.

Question	Response(s)	Source
Change in Food Security		
How has your worry about food running out before you got money to buy more changed since the start of the coronavirus pandemic?	1, A lot more worried	Adapted from CMS Accountable Health Communities screening tool
	2, Somewhat more worried	
	3, No change	
	4, Somewhat less worried	
	5, A lot less worried,	
	77, Don't know	
	99, Refuse	
Change in Housing Security		
What was your living situation **before the coronavirus pandemic?**	1, I had a steady place to live	Adapted from CMS Accountable Health Communities screening tool
	2, I had a place to live, but I was worried about losing it in the future	
	3, I did not have a steady place to live (I was temporarily staying with others, in a	

	hotel, in a shelter, living outside on the street, on a beach, in a car, abandoned building, bus or train station, or in a park)	
What is your living situation today?	1, I have a steady place to live	CMS Accountable Health Communities screening tool
	2, I have a place to live today, but I am worried about losing it in the future	
	3, I do not have a steady place to live (I am temporarily staying with others, in a hotel, in a shelter, living outside on the street, on a beach, in a car, abandoned building, bus or train station, or in a park)	
Change in Housing Security		
Since the start of the coronavirus pandemic, is getting reliable transportation…	1, A lot harder than before	Adapted from CMS Accountable Health Communities screening tool
	2, Somewhat harder than before	
	3, No change from before	
	4, Somewhat easier than before	
	5, A lot easier than before	
Change in Utilities Difficulties		
Has your electric, gas, oil or water service in your home changed since the start of the coronavirus pandemic?	0, No change	Adapted from CMS Accountable Health Communities screening tool
	1, Yes, one (or more) were turned back on	

	2, Yes, one (or more) were shut off	
Change in Interpersonal Violence		
Before the coronavirus pandemic, how often did anyone, including family and friends:	1, Never	CMS Accountable Health Communities screening tool
- Physically hurt you?	2, Rarely	
- Insult or talk down to you?	3, Sometimes	
- Threaten you with harm?	4, Fairly often	
- Scream or curse at you?	5, Frequently	
Has this changed since the start of the coronavirus pandemic?	1, A lot more often	Adapted from CMS Accountable Health Communities screening tool
	2, Somewhat more often	
	3, No change	
	4, Somewhat less often	
	5, A lot less often	
Change in Financial Security		
Since the start of the coronavirus pandemic, has it been harder for you to pay for the very basics?	1, A lot harder than before	Adapted from CMS Accountable Health Communities screening tool
	2, A little harder than before	
	3, No change	

	4, A little easier than before	
	5, A lot easier than before	

1. The Accountable Health Communities Health-Related Social Needs Screening Tool. Center for Medicare & Medicaid Services. Accessed December 11, 2018. https://innovation.cms.gov/Files/worksheets/ahcm-screeningtool.pdf

Supplemental Table 2. Unadjusted and adjusted odds of experiencing pre-pandemic health-related socioeconomic vulnerabilities, comparing caregivers to non-caregivers (reference group)

	OR of caregivers experiencing HRSV	95% C.I. Lower Limit	95% C.I. Upper Limit	p-value	aOR of caregivers experiencing HRSV	95% C.I. Lower Limit	95% C.I. Upper Limit	p-value
≥1 Socioeconomic Vulnerability	1.9	1.6	2.3	<0.01	1.6	1.3	2.0	<0.01
Financial Strain	1.6	1.3	1.9	<0.01	1.3	1.1	1.6	0.01
Food Insecurity	1.9	1.6	2.2	<0.01	1.6	1.3	2.0	<0.01
Housing	1.4	1.0	1.8	0.03	1.2	0.9	1.6	0.36
Interpersonal Violence	1.7	1.2	2.2	<0.01	1.3	0.9	1.8	0.16
Transportation	2.2	1.8	2.8	<0.01	1.9	1.5	2.4	<0.01
Utilities	1.4	1.1	1.9	<0.01	1.1	0.8	1.4	0.63

Note: Calibration weights were utilized and were generated based on the following variables: age group, race, education, income, and region.

Supplemental Table 3. Unadjusted and adjusted odds of experiencing incident or worsening health-related socioeconomic vulnerabilities in the early pandemic, comparing caregivers to non-caregivers (reference group).

	OR of caregivers experiencing HRSV	95% C.I. Lower Limit	95% C.I. Upper Limit	p-value	aOR of caregivers experiencing HRSV	95% C.I. Lower Limit	95% C.I. Upper Limit	p-value
Any Incident Socioeconomic Vulnerabilities	1.9	1.6	2.3	<0.01	1.8	1.5	2.1	<0.01
Incident Financial Strain	2.4	1.9	3.1	<0.01	2.1	1.6	2.7	<0.01
Incident Food Insecurity	1.7	1.3	2.3	<0.01	1.6	1.2	2.1	<0.01
Incident Housing	2.1	1.5	3.1	<0.01	1.6	1.1	2.3	<0.01
Incident Interpersonal Violence	2.2	1.6	2.9	<0.01	2.0	1.5	2.7	<0.01
Incident Transportation	1.9	1.4	2.7	<0.01	1.9	1.3	2.6	<0.01
Any Worsening Socioeconomic Vulnerabilities	1.9	1.4	2.4	<0.01	1.8	1.4	2.3	<0.01
Worsening Financial Strain	2.1	1.5	2.9	<0.01	2.0	1.4	2.8	<0.01
Worsening Food Insecurity	1.4	1.1	1.8	0.01	1.3	1.0	1.7	0.05
Worsening Interpersonal Violence	1.1	0.6	2.0	0.66	1.1	0.6	1.9	0.85
Worsening Transportation	1.1	0.8	1.7	0.52	1.3	0.8	2.0	0.26
Worsening Utilities	0.6	0.3	1.4	0.25	0.6	0.2	1.5	0.26

Notes: 1. Calibration weights were utilized and were generated based on the following variables: age group, race, education, income, and region. 2. N for groups of worsening housing and incident utilities were too small to include in the models.

Supplemental Table 4. Pre-pandemic, early pandemic, and change in prevalence of experiencing health-related socioeconomic vulnerabilities, stratified by caregiving status

	Pre-pandemic			Early pandemic				Change since Pandemic	
	Non-Caregiver (n=2217)	Caregiver (n=950)	Difference	Non-Caregiver (n=2217)	Caregiver (n=950)	Difference	Difference in Differences	Non-Caregiver (n=2217)	Caregiver (n=950)
≥1 Socioeconomic Vulnerability	47.2%	63.0%	15.8%	65.6%	83.2%	17.6%	1.8%	18.4%	20.2%
Financial Strain	31.1%	41.5%	10.4%	52.8%	72.5%	19.7%	9.3%	21.7%	31.0%
Food Insecurity	32.8%	47.7%	14.9%	47.6%	64.9%	17.3%	2.4%	14.8%	17.2%
Housing	9.2%	12.1%	2.9%	13.4%	20.3%	6.9%	4.0%	4.2%	8.2%
Interpersonal Violence	7.4%	11.8%	4.4%	15.1%	26.5%	11.4%	7.0%	7.7%	14.7%
Transportation	12.3%	24.0%	11.7%	18.7%	34.1%	15.4%	3.7%	6.4%	10.1%
Utilities	9.3%	12.9%	3.6%	10.0%	13.9%	3.9%	0.3%	0.7%	1.0%

Notes: Calibration weights were utilized and were generated based on the following variables: age group, race, education, income, and region.

Supplemental Appendix. Stata/SE v.17.0 Output for Tables 1 and 2 and Figures 1 and 2.

```
------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------------------------------------------------------
      name:  <unnamed>
       log:  B:\COVID19\Survey\Covid19 and Caregiving\Replication (JM)\analyticoutputvFINAL.txt
  log type:  text
 opened on:   4 Aug 2022, 11:30:31

.
. /// ANALYSIS, TABLES AND FIGURES ///
>
.         //Analysis using Data from the National Women's Health COVID-19 study collection April 2020. Please contact corresponding
author Jennifer Makelarski at jmakelarski@uchicago.edu with any questions.
.
. *TABLE 1
.
.         *Column ns
. tab cg_yn

  Caregiver |
     status |      Freq.     Percent        Cum.
------------+-----------------------------------
         No |      2,217       70.00       70.00
        Yes |        950       30.00      100.00
------------+-----------------------------------
      Total |      3,167      100.00

.
.         *Age
. svy: tab agegrp cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                                  Number of obs    = 3,167
Number of PSUs   = 3,167                                  Population size =     1
Calibration: rake                                         Design df       = 3,166

----------------------------------
          |    Caregiver status
Age group |     No     Yes   Total
----------+-----------------------
    18-44 |  42.94   48.52   44.60
    45-64 |  32.83   33.40   33.00
      65+ |  24.22   18.08   22.40
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage
```

```
  Pearson:
    Uncorrected   chi2(2)         =   15.7930
    Design-based  F(1.99, 6312.29)=    5.6388     P = 0.0036

.
.         *Race/Ethnicity
. svy: tab raceethgrp2 cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,167
Number of PSUs   = 3,167                              Population size =     1
Calibration: rake                                     Design df       = 3,166

----------------------------------
Race/Ethn |    Caregiver status
icity     |     No     Yes   Total
----------+-----------------------
    White |  67.22   60.76   65.30
    Black |  10.04   12.04   10.63
    Asian |   5.85    3.70    5.21
    Other |   4.44    6.48    5.05
 Hispanic |  12.43   17.03   13.80
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(4)         =   28.1616
    Design-based  F(3.47, 10995.63)=    5.2515    P = 0.0007

.
.         *Education
. svy: tab  educgrp_tot cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,167
Number of PSUs   = 3,167                              Population size =     1
Calibration: rake                                     Design df       = 3,166

----------------------------------
          |    Caregiver status
Education |     No     Yes   Total
----------+-----------------------
 HS or le |  36.75   38.27   37.20
      >HS |  63.25   61.73   62.80
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage
```

```
  Pearson:
    Uncorrected   chi2(1)         =    0.6559
    Design-based  F(1, 3166)      =    0.4945     P = 0.4820

.
.         *Marital status
. svy: tab maritalyn cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                                  Number of obs   = 3,164
Number of PSUs   = 3,164                                  Population size =     1
Calibration: rake                                         Design df       = 3,163

---------------------------------
Marital   |    Caregiver status
status    |     No     Yes   Total
----------+----------------------
  Single, |  38.94   36.06   38.08
 Partnere |  61.06   63.94   61.92
          |
    Total | 100.00  100.00  100.00
---------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(1)         =    2.3230
    Design-based  F(1, 3163)      =    1.8056     P = 0.1791

.
.         *Household income
. svy: tab  income cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                                  Number of obs   = 3,167
Number of PSUs   = 3,167                                  Population size =     1
Calibration: rake                                         Design df       = 3,166

---------------------------------
Annual    |
household |    Caregiver status
income    |     No     Yes   Total
----------+----------------------
 Less tha |  19.29   20.33   19.60
  Between |  20.52   23.15   21.30
  Between |  29.25   31.77   30.00
 More tha |  30.94   24.74   29.10
          |
    Total | 100.00  100.00  100.00
---------------------------------
Key: Column percentage
```

```
  Pearson:
    Uncorrected   chi2(3)         =   12.6464
    Design-based  F(2.58, 8157.86)=    3.2148     P = 0.0283

.
.         *Employment
. svy: tab  employ1 cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                                  Number of obs   = 3,162
Number of PSUs   = 3,162                                  Population size =     1
Calibration: rake                                         Design df       = 3,161

---------------------------------
Employmen |    Caregiver status
t         |     No     Yes   Total
----------+----------------------
 Employed |  43.40   55.81   47.08
 Unemploy |   7.52    5.73    6.99
 Unemploy |  49.08   38.46   45.93
          |
    Total | 100.00  100.00  100.00
---------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(2)         =   40.8188
    Design-based  F(1.98, 6257.77)=   16.7341     P = 0.0000

.
.         *Household size
. svy: tab num_hhcat cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                                  Number of obs   = 3,157
Number of PSUs   = 3,157                                  Population size =     1
Calibration: rake                                         Design df       = 3,156

---------------------------------
Number in |    Caregiver status
household |     No     Yes   Total
----------+----------------------
 Only sel |  17.33   11.37   15.56
  Self +1 |  36.27   29.81   34.36
 Self + o |  46.40   58.81   50.07
          |
    Total | 100.00  100.00  100.00
---------------------------------
Key: Column percentage

  Pearson:
```

```
    Uncorrected   chi2(2)         =   43.2022
    Design-based  F(1.99, 6288.58)=   16.7125     P = 0.0000

.
.         *Number of children
. svy: tab  num_childcat cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,137
Number of PSUs   = 3,137                              Population size =     1
Calibration: rake                                     Design df       = 3,136

----------------------------------
Number of |
children  |
in        |    Caregiver status
household |     No     Yes   Total
----------+-----------------------
 No child |  64.31   53.53   61.11
  1 child |  16.23   20.36   17.46
 2 or mor |  19.46   26.10   21.43
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(2)         =   32.3210
    Design-based  F(2.00, 6267.86)=   11.8325     P = 0.0000

.
.         *Self-rated mental health
. svy: tab  healthmental_cat cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,156
Number of PSUs   = 3,156                              Population size =     1
Calibration: rake                                     Design df       = 3,155

----------------------------------
Self-rate |
d mental  |    Caregiver status
health    |     No     Yes   Total
----------+-----------------------
  Fair or |  17.96   21.59   19.04
     Good |  29.83   31.06   30.20
 Excellen |  52.21   47.35   50.77
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage
```

```
  Pearson:
    Uncorrected   chi2(2)         =    7.9699
    Design-based  F(2.00, 6299.44)=    3.0965     P = 0.0454

.
.         *Overall health
. svy: tab  health_cat  cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                                  Number of obs   = 3,160
Number of PSUs   = 3,160                                  Population size =     1
Calibration: rake                                         Design df       = 3,159

-----------------------------------
Overall   |
self-rate |    Caregiver status
d health  |     No     Yes   Total
----------+------------------------
  Fair or |  18.45   21.32   19.30
     Good |  36.66   39.39   37.47
 Excellen |  44.89   39.30   43.23
          |
    Total | 100.00  100.00  100.00
-----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(2)         =    8.8932
    Design-based  F(2.00, 6312.85)=    3.3434     P = 0.0354

.
.         *Co-morbidities
. svy: tab comorbid_cat cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                                  Number of obs   = 3,146
Number of PSUs   = 3,146                                  Population size =     1
Calibration: rake                                         Design df       = 3,145

-----------------------------------
# of      |
comorbidi |    Caregiver status
ties      |     No     Yes   Total
----------+------------------------
 0 comorb |  57.86   43.52   53.61
 1 comorb |  26.57   36.13   29.41
 2 comorb |   9.71   12.01   10.39
 3 or mor |   5.86    8.34    6.59
          |
    Total | 100.00  100.00  100.00
```

```
---------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(3)         =   55.0596
    Design-based  F(2.99, 9409.45)=   13.5648     P = 0.0000

.
.
. *FIGURE 1A
.
.
.         *Pre-pandemic financial strain by caregiver status
. svy: tab finstraindi cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,160
Number of PSUs   = 3,160                              Population size =     1
Calibration: rake                                     Design df       = 3,159

---------------------------------
Pre-pande |
mic       |
financial |    Caregiver status
strain    |     No     Yes   Total
----------+----------------------
 Not at a |  68.85   58.53   65.80
 Somewhat |  31.15   41.47   34.20
          |
    Total | 100.00  100.00  100.00
---------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(1)         =   31.1947
    Design-based  F(1, 3159)      =   24.3895     P = 0.0000

.
.         *Pre-pandemic food insecurity by caregiver status
. svy: tab fiyn cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,156
Number of PSUs   = 3,156                              Population size =     1
Calibration: rake                                     Design df       = 3,155

---------------------------------
Pre-pande |
mic food  |
insecurit |    Caregiver status
y         |     No     Yes   Total
```

```
----------+-----------------------
       No |  67.21   52.35   62.81
      Yes |  32.79   47.65   37.19
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(1)         =   62.2927
    Design-based  F(1, 3155)      =   47.9758     P = 0.0000

.
.         *Pre-pandemic housing by caregiver status
. svy: tab houseyn cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,151
Number of PSUs   = 3,151                              Population size =     1
Calibration: rake                                     Design df       = 3,150

----------------------------------
Pre-pande |
mic       |
housing   |
insecurit |    Caregiver status
y         |     No     Yes   Total
----------+-----------------------
       No |  90.79   87.88   89.93
      Yes |   9.21   12.12   10.07
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(1)         =    6.1469
    Design-based  F(1, 3150)      =    4.7930     P = 0.0286

.
.         *Pre-pandemic IPV by caregiver status
. svy: tab ipvyn cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,167
Number of PSUs   = 3,167                              Population size =     1
Calibration: rake                                     Design df       = 3,166

----------------------------------
Pre-pande |    Caregiver status
mic IPV   |     No     Yes   Total
```

```
----------+-----------------------
       No |  92.58   88.21   91.28
      Yes |   7.42   11.79    8.72
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(1)         =   15.8479
    Design-based  F(1, 3166)      =   12.2068     P = 0.0005

.
.         *Pre-pandemic transportation n by caregiver status
. svy: tab transport cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,147
Number of PSUs   = 3,147                              Population size =     1
Calibration: rake                                     Design df       = 3,146

----------------------------------
Pre-pande |
mic       |
transport |
ation     |
difficult |    Caregiver status
ies       |     No     Yes   Total
----------+-----------------------
       No |  87.67   76.03   84.23
      Yes |  12.33   23.97   15.77
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(1)         =   66.8611
    Design-based  F(1, 3146)      =   52.8949     P = 0.0000

.
.         *Pre-pandemic utilities by caregiver status
. svy: tab utilyn cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,157
Number of PSUs   = 3,157                              Population size =     1
Calibration: rake                                     Design df       = 3,156

----------------------------------
Pre-pande |
```

```
mic       |
utilities |
difficult |    Caregiver status
ies       |     No     Yes   Total
----------+----------------------
       No |  90.70   87.12   89.64
      Yes |   9.30   12.88   10.36
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(1)         =    9.0450
    Design-based  F(1, 3156)      =    7.6383     P = 0.0057

.
.
.
. *TABLE 2
.
. *Counts by conditions
.
. tab cg_type

               Care recipient condition |      Freq.     Percent        Cum.
----------------------------------------+-----------------------------------
                 Arthritis / rheumatism |         47        4.98        4.98
                                Asthma |         73        7.73       12.71
                                Cancer |         69        7.31       20.02
Chronic respiratory conditions such as  |         59        6.25       26.27
Alzheimer’s disease, dementia, or other |         67        7.10       33.37
Developmental disabilities such as auti |         36        3.81       37.18
                              Diabetes |         94        9.96       47.14
    Heart disease, hypertension, stroke |         88        9.32       56.46
Human Immunodeficiency Virus Infection  |          2        0.21       56.67
Mental illnesses, such as anxiety, depr |        106       11.23       67.90
Other organ failures or disease such as |         19        2.01       69.92
 Substance abuse or addiction disorders |         12        1.27       71.19
       Injuries, including broken bones |         27        2.86       74.05
           Old age/ infirmity / frailty |        119       12.61       86.65
                                 Other |        126       13.35      100.00
----------------------------------------+-----------------------------------
                                 Total |        944      100.00

.
.         *Any pre-pandemic HRSV by condition
. svy: tab hrsr_ynn cg_type,  col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =   1                                  Number of obs   = 944
```

```
Number of PSUs   = 944                                  Population size =   1
Calibration: rake                                       Design df       = 943
```

Any pre-pandemic HRSR	Care recipient condition															
	Arthriti	Asthma	Cancer	Chronic	Alzheime	Developm	Diabetes	Heart di	Human Im	Mental i	Other or	Substanc	Injuries	Old age/	Other	Total
No HRSRs	12.60	22.02	43.98	43.22	53.15	35.56	23.79	40.71	0.00	34.75	31.64	14.32	34.90	54.84	49.82	39.82
At least	87.40	77.98	56.02	56.78	46.85	64.44	76.21	59.29	100.00	65.25	68.36	85.68	65.10	45.16	50.18	60.18
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Key: Column percentage

```
  Pearson:
    Uncorrected   chi2(14)        =   62.8528
    Design-based  F(13.42, 12659.38)=    3.1656   P = 0.0001

.
.         *Pre-pandemic financial strain by condition
. svy: tab finstraindi cg_type,  col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =   1                                  Number of obs   = 941
Number of PSUs   = 941                                  Population size =   1
Calibration: rake                                       Design df       = 940
```

Pre-pandemic financial strain	Care recipient condition															
	Arthriti	Asthma	Cancer	Chronic	Alzheime	Developm	Diabetes	Heart di	Human Im	Mental i	Other or	Substanc	Injuries	Old age/	Other	Total
Not at a	37.41	41.19	70.00	55.99	76.90	58.06	46.76	55.33	73.05	57.45	64.48	51.23	54.36	73.64	64.88	60.11
Somewhat	62.59	58.81	30.00	44.01	23.10	41.94	53.24	44.67	26.95	42.55	35.52	48.77	45.64	26.36	35.12	39.89
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Key: Column percentage

```
  Pearson:
    Uncorrected   chi2(14)        =   51.8966
    Design-based  F(13.53, 12713.96)=    3.0162   P = 0.0001

.
.         *Pre-pandemic food insecurity by condition
. svy: tab fiyn cg_type,  col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =   1                                  Number of obs   = 939
Number of PSUs   = 939                                  Population size =   1
Calibration: rake                                       Design df       = 938
```

Pre-pandemic food	Care recipient condition															
	Arthriti	Asthma	Cancer	Chronic	Alzheime	Developm	Diabetes	Heart di	Human Im	Mental i	Other or	Substanc	Injuries	Old age/	Other	Total

insecurity	Care recipient condition															
	Arthriti	Asthma	Cancer	Chronic	Alzheime	Developm	Diabetes	Heart di	Human Im	Mental i	Other or	Substanc	Injuries	Old age/	Other	Total
No	34.06	36.30	56.77	62.59	66.58	63.92	41.31	57.21	72.00	48.16	50.34	31.79	53.98	68.01	62.15	55.42
Yes	65.94	63.70	43.23	37.41	33.42	36.08	58.69	42.79	28.00	51.84	49.66	68.21	46.02	31.99	37.85	44.58
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Key: Column percentage

Pearson:
Uncorrected chi2(14) = 46.8516
Design-based F(13.43, 12597.03)= 2.6519 P = 0.0009

```
.
.         *Pre-pandemic housing by condition
. svy: tab houseyn cg_type,  col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =   1                                  Number of obs   = 937
Number of PSUs   = 937                                  Population size =   1
Calibration: rake                                       Design df       = 936
```

Pre-pandemic housing insecurity	Care recipient condition															
	Arthriti	Asthma	Cancer	Chronic	Alzheime	Developm	Diabetes	Heart di	Human Im	Mental i	Other or	Substanc	Injuries	Old age/	Other	Total
No	88.84	77.26	85.21	93.42	83.52	95.33	83.76	86.37	100.00	89.73	92.55	85.50	75.04	94.06	94.94	88.56
Yes	11.16	22.74	14.79	6.58	16.48	4.67	16.24	13.63	0.00	10.27	7.45	14.50	24.96	5.94	5.06	11.44
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Key: Column percentage

Pearson:
Uncorrected chi2(14) = 29.9164
Design-based F(12.85, 12029.30)= 1.9680 P = 0.0199

```
.
.         *Pre-pandemic IPV by condition
. svy: tab ipvyn cg_type,  col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =   1                                  Number of obs   = 944
Number of PSUs   = 944                                  Population size =   1
Calibration: rake                                       Design df       = 943
```

Pre-pandemic IPV	Care recipient condition															
	Arthriti	Asthma	Cancer	Chronic	Alzheime	Developm	Diabetes	Heart di	Human Im	Mental i	Other or	Substanc	Injuries	Old age/	Other	Total
No	78.25	78.92	92.14	93.47	91.05	88.86	82.21	91.90	100.00	86.12	95.53	70.95	92.31	92.97	95.06	89.26
Yes	21.75	21.08	7.86	6.53	8.95	11.14	17.79	8.10	0.00	13.88	4.47	29.05	7.69	7.03	4.94	10.74
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Key: Column percentage

  Pearson:
    Uncorrected   chi2(14)   =   32.0880
    Design-based F(12.56, 11842.82)=   2.0901   P = 0.0130

.
.   *Pre-pandemic transportation difficulties by condition
. svy: tab transport cg_type, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =   1   Number of obs   = 935
Number of PSUs   = 935   Population size =   1
Calibration: rake   Design df   = 934

Pre-pandemic transportation difficulties	Care recipient condition															
	Arthriti	Asthma	Cancer	Chronic	Alzheime	Developm	Diabetes	Heart di	Human Im	Mental i	Other or	Substanc	Injuries	Old age/	Other	Total
No	51.85	70.68	71.48	82.39	90.94	88.49	60.63	83.86	27.76	68.94	67.59	68.93	67.52	90.24	86.19	77.82
Yes	48.15	29.32	28.52	17.61	9.06	11.51	39.37	16.14	72.24	31.06	32.41	31.07	32.48	9.76	13.81	22.18
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Key: Column percentage

  Pearson:
    Uncorrected   chi2(14)   =   76.3786
    Design-based F(13.43, 12543.51)=   4.9081   P = 0.0000

.
.   *Pre-pandemic utilities difficulties by condition
. svy: tab utilyn cg_type, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =   1   Number of obs   = 938
Number of PSUs   = 938   Population size =   1
Calibration: rake   Design df   = 937

Pre-pandemic utilities difficulties	Care recipient condition															
	Arthriti	Asthma	Cancer	Chronic	Alzheime	Developm	Diabetes	Heart di	Human Im	Mental i	Other or	Substanc	Injuries	Old age/	Other	Total
No	81.05	82.40	89.69	81.97	94.46	84.95	81.20	90.39	72.20	84.28	95.60	65.50	83.97	94.22	92.44	88.05
Yes	18.95	17.60	10.31	18.03	5.54	15.05	18.80	9.61	27.80	15.72	4.40	34.50	16.03	5.78	7.56	11.95
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Key: Column percentage

  Pearson:

```
    Uncorrected   chi2(14)        =   29.1994
    Design-based  F(13.04, 12215.86)=    1.9773   P = 0.0186

.
.
.
. * FIGURE 2A
.
.         *Adjusted odds of any pre-pandemic HRSV
. svy: logistic hrsr_ynn cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat comorbidities_tot
i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs   =  3,098
Number of PSUs   = 3,098                          Population size =      1
Calibration: rake                                 Design df       =  3,097
                                                  F(18, 3080)     =  25.55
                                                  Prob > F        = 0.0000

------------------------------------------------------------------------------------------
                         |             Linearized
                hrsr_ynn | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-------------------------+----------------------------------------------------------------
                   cg_yn |   1.598623   .1741972     4.31   0.000     1.291091    1.979408
                     age |   .9639137   .0032711   -10.83   0.000     .9575213    .9703488
                         |
            raceethgrp2  |
                   Black |   1.742984   .2729514     3.55   0.000     1.282163    2.369429
                   Asian |   2.354572   .4126899     4.89   0.000     1.669791    3.320182
                   Other |   1.411998   .3682299     1.32   0.186     .8467698    2.354521
        Hispanic/Latino  |    1.47676   .2187384     2.63   0.009     1.104537     1.97442
                         |
               maritalyn |   1.022806   .1151258     0.20   0.841     .8202491    1.275384
                         |
                  income |
 Between $25,001 and $50,000  |   .4966518   .0643769    -5.40   0.000     .3851897    .6403676
Between $50,001 and $100,000  |   .2879916   .0392708    -9.13   0.000     .2204266    .3762666
          More than $100,000  |   .1327354   .0235416   -11.39   0.000     .0937478    .1879371
                         |
                    educ |   .7993457   .0430799    -4.16   0.000     .7191874    .8884382
                num_hhr1 |   1.045642   .0554492     0.84   0.400     .9423821    1.160216
             num_childr1 |   1.022574   .0790241     0.29   0.773     .8787973    1.189874
                         |
              health_cat |
                   Good  |   .6709267   .0965677    -2.77   0.006     .5059554    .8896884
     Excellent or Very good  |   .5254589   .0845408    -4.00   0.000     .3832973     .720347
                         |
        comorbidities_tot |   1.450825   .0880794     6.13   0.000     1.288008    1.634224
```

```
                            |
            healthmental_cat |
                        Good |   .7403127   .1075578    -2.07   0.039     .5567989    .9843105
      Excellent or Very good |   .8039053   .1188554    -1.48   0.140     .6015997    1.074242
                            |
                       _cons |   52.59354   19.37787    10.75   0.000     25.53807     108.312
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of pre-pandemic financial strain
. svy: logistic finstraindi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat comorbidities_tot
i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs   =  3,091
Number of PSUs   = 3,091                          Population size =      1
Calibration: rake                                 Design df       =  3,090
                                                  F(18, 3073)     =  21.85
                                                  Prob > F        = 0.0000

------------------------------------------------------------------------------------------------
                            |             Linearized
                finstraindi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
----------------------------+-------------------------------------------------------------------
                      cg_yn |   1.295415   .1348546     2.49   0.013     1.056241    1.588748
                        age |   .9826853   .0031271    -5.49   0.000      .976573    .9888359
                            |
                raceethgrp2 |
                      Black |   .9726764   .1384999    -0.19   0.846     .7357289    1.285935
                      Asian |     2.1047   .3313469     4.73   0.000     1.545722     2.86582
                      Other |   1.652398   .3751454     2.21   0.027     1.058742    2.578929
          Hispanic/Latino   |    1.33381   .1914374     2.01   0.045     1.006644    1.767307
                            |
                 maritalyn |   .8543503    .088572    -1.52   0.129     .6971975    1.046926
                            |
                    income |
 Between $25,001 and $50,000  |   .6137639   .0699254    -4.28   0.000     .4908931    .7673892
Between $50,001 and $100,000  |   .3730053   .0468887    -7.85   0.000     .2915229    .4772626
          More than $100,000  |   .1662645   .0309093    -9.65   0.000     .1154769    .2393887
                            |
                       educ |   .8456588   .0470325    -3.01   0.003     .7582909    .9430929
                   num_hhr1 |   1.104573   .0575783     1.91   0.056     .9972556     1.22344
                num_childr1 |   .9347369    .067881    -0.93   0.353      .810682    1.077775
                            |
                 health_cat |
                      Good  |   .7644536   .1015075    -2.02   0.043     .5892241    .9917946
      Excellent or Very good |   .5524187   .0838889    -3.91   0.000     .4101629    .7440127
```

```
                            |
           comorbidities_tot |    1.40282   .0781178     6.08   0.000     1.257718    1.564663
                            |
            healthmental_cat |
                        Good |   .8016556   .1044542    -1.70   0.090     .6209183    1.035002
     Excellent or Very good |   .9284537   .1272155    -0.54   0.588     .7097151    1.214609
                            |
                       _cons |   5.275717   1.879995     4.67   0.000      2.62324    10.61023
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of pre-pandemic food insecurity
. svy: logistic fiyn cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat comorbidities_tot
i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs   =  3,088
Number of PSUs   = 3,088                          Population size =      1
Calibration: rake                                 Design df       =  3,087
                                                  F(18, 3070)     =  23.24
                                                  Prob > F        = 0.0000

------------------------------------------------------------------------------------------------
                            |             Linearized
                       fiyn | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
----------------------------+-------------------------------------------------------------------
                      cg_yn |   1.592673   .1649208     4.49   0.000     1.300021    1.951205
                        age |   .9652007   .0031786   -10.76   0.000     .9589885    .9714533
                            |
                raceethgrp2 |
                      Black |   1.682932   .2477879     3.54   0.000     1.260927    2.246173
                      Asian |   2.678929    .450717     5.86   0.000     1.926169    3.725872
                      Other |   1.183901   .2896039     0.69   0.490     .7328488    1.912567
            Hispanic/Latino |   1.448905   .2109301     2.55   0.011     1.089116    1.927549
                            |
                  maritalyn |   1.071348   .1124188     0.66   0.511     .8721217    1.316085
                            |
                     income |
 Between $25,001 and $50,000 |   .5617809   .0664067    -4.88   0.000      .445563    .7083123
Between $50,001 and $100,000 |   .3780649   .0485457    -7.58   0.000     .2939168    .4863046
          More than $100,000 |   .1598672   .0283915   -10.32   0.000     .1128578    .2264579
                            |
                        educ |   .7825744   .0416319    -4.61   0.000     .7050584    .8686126
                    num_hhr1 |   .9997025   .0551637    -0.01   0.996     .8971869    1.113932
                 num_childr1 |    1.08886   .0809934     1.14   0.253     .9410911    1.259831
                            |
                  health_cat |
```

```
                       Good  |   .8406201   .1145403    -1.27   0.203      .643535    1.098063
      Excellent or Very good  |    .729897   .1142789    -2.01   0.044     .5369551     .992168
                              |
            comorbidities_tot |   1.437453   .0821314     6.35   0.000     1.285108    1.607858
                              |
             healthmental_cat |
                       Good  |    .750187   .1000612    -2.15   0.031     .5775509    .9744258
      Excellent or Very good  |   .7768116   .1083852    -1.81   0.070     .5908873    1.021238
                              |
                       _cons |   18.35248   6.451097     8.28   0.000     9.212353    36.56106
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of pre-pandemic housing
. svy: logistic houseyn cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat comorbidities_tot
i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs   =  3,082
Number of PSUs   = 3,082                          Population size =      1
Calibration: rake                                 Design df       =  3,081
                                                  F(18, 3064)     =   9.57
                                                  Prob > F        = 0.0000

------------------------------------------------------------------------------------------------
                              |             Linearized
                     houseyn | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
------------------------------+-----------------------------------------------------------------
                        cg_yn |   1.155721   .1807673     0.93   0.355     .8504791    1.570517
                          age |   .9665701   .0046631    -7.05   0.000       .95747    .9757566
                              |
                  raceethgrp2 |
                        Black |   1.835675   .3774775     2.95   0.003     1.226566    2.747266
                        Asian |   1.527396   .3588587     1.80   0.072     .9635732    2.421131
                        Other |   2.046344   .6878798     2.13   0.033     1.058606    3.955697
            Hispanic/Latino   |   1.458149   .2868577     1.92   0.055     .9914749    2.144482
                              |
                     maritalyn |   .6977094   .1040403    -2.41   0.016     .5208301    .9346587
                              |
                        income |
 Between $25,001 and $50,000  |   1.235925   .2087094     1.25   0.210     .8875528    1.721037
Between $50,001 and $100,000  |   .9913392   .2003552    -0.04   0.966     .6669943    1.473406
          More than $100,000  |     .89896   .2430169    -0.39   0.694     .5291072    1.527345
                              |
                         educ |   .6624662   .0604425    -4.51   0.000     .5539502    .7922399
                      num_hhr1 |   .9295074   .0694637    -0.98   0.328     .8028161    1.076192
                  num_childr1 |   1.040791   .1001798     0.42   0.678     .8617879    1.256976
```

```
                            |
                 health_cat |
                       Good |   .8680254    .159554    -0.77   0.441     .6053539    1.244674
      Excellent or Very good |   .3753391    .087683    -4.19   0.000     .2374086    .5934051
                            |
             comorbidities_tot |   1.107711   .0738171     1.54   0.125     .9720325    1.262328
                            |
              healthmental_cat |
                       Good |   .8478769   .1511881    -0.93   0.355     .5977123    1.202745
      Excellent or Very good |   .7714609   .1542325    -1.30   0.194     .5212818    1.141709
                            |
                      _cons |   6.108026   3.163388     3.49   0.000     2.212506    16.86232
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of pre-pandemic IPV
. svy: logistic ipvyn cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat comorbidities_tot
i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs    =  3,098
Number of PSUs   = 3,098                          Population size =      1
Calibration: rake                                 Design df        =  3,097
                                                  F(18, 3080)      =  12.17
                                                  Prob > F         = 0.0000

------------------------------------------------------------------------------------------------
                            |             Linearized
                      ipvyn | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
----------------------------+-------------------------------------------------------------------
                      cg_yn |   1.266321   .2127377     1.41   0.160     .9109383    1.760349
                        age |   .9504398   .0050399    -9.59   0.000      .940609    .9603732
                            |
                raceethgrp2 |
                      Black |    1.02062   .2518035     0.08   0.934     .6291825    1.655585
                      Asian |   2.208458   .5303519     3.30   0.001     1.379103    3.536564
                      Other |   1.799387   .6946739     1.52   0.128     .8440733    3.835917
          Hispanic/Latino |   1.959855   .3978469     3.31   0.001     1.316328     2.91799
                            |
                  maritalyn |   1.133845   .1858385     0.77   0.443     .8222169    1.563584
                            |
                     income |
 Between $25,001 and $50,000 |   .8145875   .1568313    -1.07   0.287     .5584614     1.18818
Between $50,001 and $100,000 |   .8432359   .1810047    -0.79   0.427      .553558    1.284503
          More than $100,000 |   .6321754   .1832023    -1.58   0.114     .3581506    1.115859
                            |
                       educ |   .8794649   .0764445    -1.48   0.140     .7416548    1.042882
```

```
                    num_hhr1 |   .8911557   .0677061    -1.52   0.129     .7678171    1.034307
                  num_childr1 |   1.284307   .1206721     2.66   0.008     1.068218     1.54411
                              |
                   health_cat |
                         Good |   1.153582   .2674442     0.62   0.538     .7322011    1.817467
      Excellent or Very good  |   1.010184   .2721828     0.04   0.970     .5956126    1.713314
                              |
               comorbidities_tot |   1.553761   .1270384     5.39   0.000     1.323613    1.823926
                              |
              healthmental_cat |
                         Good |   .8326377   .1586698    -0.96   0.337     .5730405    1.209837
      Excellent or Very good  |   .6416275   .1366953    -2.08   0.037     .4225403    .9743113
                              |
                        _cons |    1.23211   .6473814     0.40   0.691     .4397768    3.451969
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of pre-pandemic transportation
. svy: logistic transport cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat comorbidities_tot
i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                              Number of obs   =  3,078
Number of PSUs   = 3,078                              Population size =      1
Calibration: rake                                     Design df       =  3,077
                                                      F(18, 3060)     =  16.27
                                                      Prob > F        = 0.0000

------------------------------------------------------------------------------------------------
                              |             Linearized
                    transport | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
------------------------------+-----------------------------------------------------------------
                        cg_yn |   1.875406   .2352296     5.01   0.000      1.46652    2.398293
                          age |   .9648313   .0040745    -8.48   0.000     .9568752    .9728536
                              |
                  raceethgrp2 |
                        Black |    1.81421   .3257301     3.32   0.001      1.27585    2.579739
                        Asian |   3.151498   .6179521     5.85   0.000     2.145587    4.629009
                        Other |   2.247115   .6300441     2.89   0.004     1.296798    3.893842
            Hispanic/Latino   |   2.090743   .3387364     4.55   0.000     1.521728    2.872528
                              |
                   maritalyn |   1.024966   .1290888     0.20   0.845     .8006879    1.312066
                              |
                      income |
 Between $25,001 and $50,000  |   .5826969   .0809354    -3.89   0.000     .4437784    .7651019
Between $50,001 and $100,000  |   .4967853   .0768289    -4.52   0.000     .3668401    .6727608
          More than $100,000  |   .3616023   .0789063    -4.66   0.000       .23573    .5546862
```

```
                             |
                        educ |   .7661546   .0517069    -3.95   0.000     .6711926     .874552
                    num_hhr1 |   .9323954    .052881    -1.23   0.217     .8342669    1.042066
                  num_childr1 |   1.076436   .0808819     0.98   0.327      .928977    1.247302
                             |
                  health_cat |
                        Good |    1.07523   .1756595     0.44   0.657     .7805247    1.481209
      Excellent or Very good |   1.063346   .1978878     0.33   0.741     .7382515    1.531598
                             |
            comorbidities_tot |   1.552248   .1044251     6.54   0.000     1.360428    1.771116
                             |
           healthmental_cat |
                        Good |   .9448054   .1432702    -0.37   0.708     .7018034    1.271948
      Excellent or Very good |   .9130651   .1435673    -0.58   0.563     .6708246    1.242781
                             |
                       _cons |      2.682   1.120559     2.36   0.018     1.182172    6.084669
-------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of pre-pandemic utilities
. svy: logistic utilyn cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat comorbidities_tot
i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs   =  3,089
Number of PSUs   = 3,089                          Population size =      1
Calibration: rake                                 Design df       =  3,088
                                                  F(18, 3071)     =  12.81
                                                  Prob > F        = 0.0000

-------------------------------------------------------------------------------------------------
                             |             Linearized
                      utilyn | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+-------------------------------------------------------------------
                       cg_yn |   1.075918   .1620118     0.49   0.627     .8008572    1.445452
                         age |   .9719043   .0045644    -6.07   0.000     .9629958    .9808952
                             |
                 raceethgrp2 |
                       Black |   1.696817   .3430318     2.62   0.009     1.141529     2.52222
                       Asian |   1.638765   .3710735     2.18   0.029     1.051234    2.554665
                       Other |   1.518483    .502429     1.26   0.207     .7937027    2.905108
           Hispanic/Latino   |   2.005693   .3789121     3.68   0.000     1.384822    2.904926
                             |
                  maritalyn |   1.124045   .1672566     0.79   0.432     .8396071    1.504843
                             |
                     income |
 Between $25,001 and $50,000 |   1.102734   .1799372     0.60   0.549     .8007976    1.518515
```

```
Between $50,001 and $100,000  |   .7988777   .1561889    -1.15   0.251      .544498    1.172099
          More than $100,000  |    .507262   .1373812    -2.51   0.012     .2982717    .8626858
                              |
                        educ  |     .80334   .0634172    -2.77   0.006     .6881412    .9378239
                     num_hhr1 |   1.016787   .0638508     0.27   0.791     .8989928    1.150015
                   num_childr1 |   1.123318   .0897133     1.46   0.145     .9604949    1.313742
                              |
                   health_cat |
                        Good  |   .7599173   .1422321    -1.47   0.143     .5264853    1.096848
      Excellent or Very good  |   .6607535   .1468854    -1.86   0.062     .4273103    1.021729
                              |
             comorbidities_tot |   1.449667   .1065564     5.05   0.000     1.255096    1.674401
                              |
             healthmental_cat |
                        Good  |   .7691644   .1357236    -1.49   0.137     .5442028     1.08712
      Excellent or Very good  |   .8279561   .1527282    -1.02   0.306      .576673    1.188735
                              |
                        _cons |   .9777138   .4846212    -0.05   0.964     .3699416    2.583987
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.
.
. *FIGURE 1B
.
.         *Distribution of financial strain, early pandemic
. svy: tab  fsep cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                                  Number of obs   = 3,157
Number of PSUs   = 3,157                                  Population size =     1
Calibration: rake                                         Design df       = 3,156

----------------------------------
Early     |
pandemic  |
financial |    Caregiver status
strain    |     No     Yes   Total
----------+-----------------------
   Secure |  47.16   27.53   41.35
 Persiste |   9.44    7.15    8.76
 Worsenin |  21.70   34.32   25.44
 Incident |  21.70   31.00   24.45
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(3)         =  129.7963
```

```
    Design-based  F(2.97, 9385.91)=   33.8604     P = 0.0000

.
.         *Distribution of food insecurity, early pandemic
. svy: tab  fiep cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,147
Number of PSUs   = 3,147                              Population size =     1
Calibration: rake                                     Design df       = 3,146

----------------------------------
Early     |
pandemic  |
food      |
insecurit |    Caregiver status
y         |     No     Yes   Total
----------+-----------------------
   Secure |  52.36   35.14   47.28
 Persiste |  12.28   14.25   12.86
 Worsenin |  20.44   33.47   24.29
 Incident |  14.92   17.14   15.57
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(3)         =   90.8475
    Design-based  F(2.96, 9324.51)=   23.2880     P = 0.0000

.
.         *Distribution of housing insecurity, early pandemic
. svy: tab  houseep cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,147
Number of PSUs   = 3,147                              Population size =     1
Calibration: rake                                     Design df       = 3,146

----------------------------------
Early     |
pandemic  |
housing   |
insecurit |    Caregiver status
y         |     No     Yes   Total
----------+-----------------------
   Secure |  86.65   79.66   84.58
 Persiste |   8.80   10.87    9.41
 Worsenin |   0.37    1.25    0.63
 Incident |   4.18    8.22    5.38
```

```
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(3)         =   34.6744
    Design-based  F(2.98, 9383.40)=    9.4680     P = 0.0000

.
.         *Distribution of transportation difficulties, early pandemic
.  svy: tab  transportep cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,141
Number of PSUs   = 3,141                              Population size =     1
Calibration: rake                                     Design df       = 3,140

----------------------------------
Early     |
pandemic  |
transport |
ation     |
difficult |    Caregiver status
ies       |     No     Yes   Total
----------+-----------------------
   Secure |  81.32   65.91   76.76
 Persiste |   5.10    9.17    6.31
 Worsenin |   7.18   14.82    9.44
 Incident |   6.40   10.09    7.50
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(3)         =   89.8458
    Design-based  F(2.98, 9360.64)=   23.2580     P = 0.0000

.
.         *Distribution of utilities difficulties, early pandemic
. svy: tab  utilep cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                              Number of obs   = 3,140
Number of PSUs   = 3,140                              Population size =     1
Calibration: rake                                     Design df       = 3,139

----------------------------------
Early     |
pandemic  |
```

```
utilities |
difficult |    Caregiver status
ies       |     No     Yes   Total
----------+----------------------
   Secure |  89.98   86.11   88.84
 Persiste |   8.21   11.87    9.29
 Worsenin |   1.06    0.96    1.03
 Incident |   0.75    1.06    0.84
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(3)         =   11.3032
    Design-based  F(2.48, 7780.32)=    2.4002     P = 0.0779

.
.         *Distribution of IPV, early pandemic
. svy: tab  ipvep cg_yn, col per format(%3.2f)
(running tabulate on estimation sample)

Number of strata =     1                                  Number of obs   = 3,127
Number of PSUs   = 3,127                                  Population size =     1
Calibration: rake                                         Design df       = 3,126

----------------------------------
Eary      |
pandemic  |    Caregiver status
IPV       |     No     Yes   Total
----------+----------------------
   Secure |  84.90   73.46   81.51
 Persiste |   5.10    7.91    5.93
 Worsenin |   2.28    4.02    2.80
 Incident |   7.71   14.61    9.76
          |
    Total | 100.00  100.00  100.00
----------------------------------
Key: Column percentage

  Pearson:
    Uncorrected   chi2(3)         =   57.9359
    Design-based  F(2.99, 9355.12)=   14.5526     P = 0.0000

.
.
. *FIGURE 2B
.
.         *Adjusted odds of any incident HRSV
. svy: logistic anyincident cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat comorbidities_tot
i.healthmental_cat, or
```

```
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                              Number of obs   =  3,098
Number of PSUs   = 3,098                              Population size =      1
Calibration: rake                                     Design df       =  3,097
                                                      F(18, 3080)     =  10.09
                                                      Prob > F        = 0.0000

------------------------------------------------------------------------------
                             |             Linearized
                  anyincident | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------
                       cg_yn |     1.7558   .1685436     5.86   0.000     1.454568    2.119414
                         age |    .973363   .0029128    -9.02   0.000     .9676685     .979091
                             |
                  raceethgrp2 |
                       Black |   1.036527   .1374991     0.27   0.787     .7991372    1.344435
                       Asian |   1.123838   .1624563     0.81   0.419     .8464679    1.492098
                       Other |   1.779823   .4404217     2.33   0.020     1.095626    2.891286
             Hispanic/Latino |   1.034358   .1387864     0.25   0.801     .7950879    1.345633
                             |
                    maritalyn |   .9511301   .0935977    -0.51   0.611     .7842295    1.153551
                             |
                       income |
 Between $25,001 and $50,000 |   1.325417   .1536169     2.43   0.015     1.055988    1.663589
Between $50,001 and $100,000 |   1.282266   .1599948     1.99   0.046     1.003986    1.637677
          More than $100,000 |   1.350128   .2087348     1.94   0.052     .9970677    1.828207
                             |
                        educ |   .9541113   .0480869    -0.93   0.351     .8643347    1.053213
                    num_hhr1 |   .9736034    .043229    -0.60   0.547     .8924278    1.062163
                  num_childr1 |   1.057338   .0659346     0.89   0.371     .9356486    1.194853
                             |
                   health_cat |
                        Good |   .8897115   .1175461    -0.88   0.376     .6866682    1.152793
      Excellent or Very good |   .8438402   .1236979    -1.16   0.247     .6330448    1.124828
                             |
             comorbidities_tot |   .9932995   .0489117    -0.14   0.891      .901881    1.093984
                             |
            healthmental_cat |
                        Good |   .8649551    .111768    -1.12   0.262     .6713667    1.114365
      Excellent or Very good |   .7263974   .0950704    -2.44   0.015     .5619868    .9389068
                             |
                       _cons |   3.202203   1.033763     3.61   0.000     1.700392    6.030436
------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of incident financial strain among the sub-population of those without pre-pandemic financial strain
```

```
. svy, subpop (if finstraindi==0): logistic finstrain_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1
i.health_cat comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs    =  3,131
Number of PSUs   = 3,131                          Population size =      1
Calibration: rake                                 Subpop. no. obs =  3,131
                                                  Subpop. size    =      1
                                                  Design df       =  3,130
                                                  F(18, 3113)     =  11.75
                                                  Prob > F        = 0.0000

------------------------------------------------------------------------------------------
                             |             Linearized
               finstrain_chdi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------
                        cg_yn |   2.123874   .2770562     5.77   0.000     1.644553    2.742898
                          age |   .9645678    .004002    -8.69   0.000     .9567528    .9724467
                              |
                  raceethgrp2 |
                        Black |   1.169692   .2150666     0.85   0.394     .8156501    1.677409
                        Asian |   1.315156   .2821906     1.28   0.202     .8635067    2.003035
                        Other |    1.87087   .6650794     1.76   0.078     .9318185    3.756264
            Hispanic/Latino   |   1.070084   .1987617     0.36   0.715     .7434493    1.540227
                              |
                     maritalyn |   1.233435   .1711603     1.51   0.131     .9396191    1.619127
                              |
                        income |
 Between $25,001 and $50,000  |   1.060272   .1803452     0.34   0.731     .7595875    1.479984
Between $50,001 and $100,000  |   .8269492   .1496224    -1.05   0.294     .5799744    1.179095
          More than $100,000  |    .655851   .1405141    -1.97   0.049     .4308908    .9982587
                              |
                         educ |   .8806211   .0647578    -1.73   0.084     .7623783    1.017203
                     num_hhr1 |   .9857647   .0751155    -0.19   0.851     .8489585    1.144617
                  num_childr1 |   1.178631   .1169165     1.66   0.098     .9703062    1.431684
                              |
                   health_cat |
                        Good  |   .8299126   .1583992    -0.98   0.329     .5708303    1.206584
     Excellent or Very good   |   .7194221   .1452339    -1.63   0.103      .484262    1.068777
                              |
              comorbidities_tot |    1.24558   .0886862     3.08   0.002     1.083283    1.432192
                              |
             healthmental_cat |
                        Good  |   .7785272   .1459182    -1.34   0.182     .5391041    1.124281
     Excellent or Very good   |   .7221295   .1338447    -1.76   0.079     .5020954    1.038589
                              |
                        _cons |   6.499305   3.203337     3.80   0.000      2.47269      17.083
------------------------------------------------------------------------------------------
```

```
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of incident food insecurity among the sub-population of those without pre-pandemic food insecurity
. svy, subpop (if fiyn==0): logistic fi1_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat
comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                                  Number of obs   =  3,128
Number of PSUs   = 3,128                                  Population size =      1
Calibration: rake                                         Subpop. no. obs =  3,128
                                                          Subpop. size    =      1
                                                          Design df       =  3,127
                                                          F(18, 3110)     =   6.80
                                                          Prob > F        = 0.0000

------------------------------------------------------------------------------------------
                             |             Linearized
                   fi1_chdi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------
                      cg_yn |   1.575882   .2399101     2.99   0.003     1.169197    2.124025
                        age |   .9680715   .0044512    -7.06   0.000     .9593831    .9768386
                            |
                 raceethgrp2 |
                      Black |   .7429015   .1743353    -1.27   0.205     .4689257    1.176951
                      Asian |    .846714   .2076429    -0.68   0.498     .5234949    1.369497
                      Other |   1.461759   .4992296     1.11   0.266      .748265    2.855593
          Hispanic/Latino   |    .882897   .1909455    -0.58   0.565     .5777609    1.349186
                            |
                  maritalyn |   .8421217   .1218283    -1.19   0.235     .6341403    1.118316
                            |
                     income |
 Between $25,001 and $50,000 |   1.721261   .3436964     2.72   0.007     1.163632    2.546115
Between $50,001 and $100,000 |   1.208718   .2590513     0.88   0.377      .794009    1.840027
          More than $100,000 |   1.150442   .2775151     0.58   0.561     .7168934    1.846185
                            |
                       educ |    .906681   .0742167    -1.20   0.231     .7722397    1.064528
                    num_hhr1 |   1.064355   .0871174     0.76   0.446     .9065433    1.249638
                num_childr1 |   .9641797   .1003306    -0.35   0.726     .7862296    1.182406
                            |
                 health_cat |
                      Good  |   .8599696   .1717397    -0.76   0.450      .581338    1.272148
      Excellent or Very good |   .5686883   .1274236    -2.52   0.012     .3665011    .8824158
                            |
           comorbidities_tot |   1.105201   .0895138     1.24   0.217      .942916    1.295417
                            |
            healthmental_cat |
                      Good  |   .8725553   .1745647    -0.68   0.496     .5894328     1.29167
```

```
      Excellent or Very good |   .7002683   .1428551    -1.75   0.081     .4694092    1.044666
                             |
                       _cons |   2.962246    1.71882     1.87   0.061     .9495695    9.240923
-------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of incident housing insecurity among the sub-population of those without pre-pandemic housing insecurity
. svy, subpop (if houseyn==0): logistic housing_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat
comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs    =  3,110
Number of PSUs   = 3,110                          Population size =      1
Calibration: rake                                 Subpop. no. obs =  3,110
                                                  Subpop. size    =      1
                                                  Design df       =  3,109
                                                  F(18, 3092)     =   6.68
                                                  Prob > F        = 0.0000

-------------------------------------------------------------------------------------------------
                             |             Linearized
                housing_chdi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+-------------------------------------------------------------------
                       cg_yn |   1.620878   .2973265     2.63   0.009     1.131225    2.322479
                         age |   .9684279    .007078    -4.39   0.000     .9546488    .9824059
                             |
                  raceethgrp2 |
                       Black |   .9422523   .2913353    -0.19   0.847     .5139034    1.727639
                       Asian |   .9252543   .3153974    -0.23   0.820     .4742349    1.805214
                       Other |   1.644458   .6811848     1.20   0.230     .7299476    3.704707
             Hispanic/Latino |   1.758587   .4337847     2.29   0.022     1.084224    2.852388
                             |
                   maritalyn |   1.363322   .2840168     1.49   0.137     .9061519    2.051142
                             |
                      income |
 Between $25,001 and $50,000 |   .8535004   .1915784    -0.71   0.480     .5496256     1.32538
Between $50,001 and $100,000 |   .4937307   .1329723    -2.62   0.009     .2911749    .8371946
          More than $100,000 |   .3166358   .1326174    -2.75   0.006     .1392869    .7197965
                             |
                        educ |   1.101298   .1303556     0.82   0.415     .8731979    1.388983
                    num_hhr1 |   .8800306   .1064941    -1.06   0.291     .6941482     1.11569
                num_childr1 |   1.219294   .1802509     1.34   0.180     .9124827    1.629268
                             |
                  health_cat |
                       Good |   .7382158   .2059586    -1.09   0.277     .4271789    1.275724
      Excellent or Very good |   .5997188    .199396    -1.54   0.124      .312484    1.150979
                             |
```

```
            comorbidities_tot |   1.156801   .0968287     1.74   0.082     .9817069    1.363123
                              |
             healthmental_cat |
                         Good |   .7940626   .1865579    -0.98   0.326     .5009504    1.258678
      Excellent or Very good  |   .6207699   .1796224    -1.65   0.099     .3519945    1.094776
                              |
                        _cons |   .3402263   .2694455    -1.36   0.173     .0720092    1.607488
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjustsed odds of incident IPV among the sub-population of those without pre-pandemic IPV
. svy, subpop (if ipvyn==0): logistic ipv_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat
comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                                  Number of obs   =  3,069
Number of PSUs   = 3,069                                  Population size =      1
Calibration: rake                                         Subpop. no. obs =  3,069
                                                          Subpop. size    =      1
                                                          Design df       =  3,068
                                                          F(18, 3051)     =   5.65
                                                          Prob > F        = 0.0000

------------------------------------------------------------------------------------------------
                              |             Linearized
                    ipv_chdi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
                       cg_yn |   2.028153   .3102157     4.62   0.000     1.502636    2.737458
                         age |   .9728034   .0051953    -5.16   0.000       .96267    .9830434
                             |
                  raceethgrp2 |
                       Black |   .9997824   .2190547    -0.00   0.999     .6506263    1.536312
                       Asian |   1.327508   .3369498     1.12   0.264     .8070473    2.183612
                       Other |    1.70406   .5891608     1.54   0.123     .8651166    3.356565
             Hispanic/Latino |   1.352963   .2948346     1.39   0.165     .8825127    2.074202
                             |
                   maritalyn |   .9969768   .1611756    -0.02   0.985     .7261424    1.368826
                             |
                      income |
 Between $25,001 and $50,000 |   1.282873   .2467814     1.29   0.195     .8797856    1.870643
Between $50,001 and $100,000 |   1.352921   .2946412     1.39   0.165     .8827212    2.073584
          More than $100,000 |   1.424109   .3795068     1.33   0.185     .8445379    2.401414
                             |
                        educ |   .7894957    .076805    -2.43   0.015     .6523927    .9554114
                    num_hhr1 |   .9523602   .0701199    -0.66   0.507     .8243368    1.100266
                num_childr1 |   1.100786   .1104193     0.96   0.339     .9042436    1.340047
                             |
```

```
                  health_cat |
                        Good |   .9417035   .2030832    -0.28   0.781     .6169866    1.437317
      Excellent or Very good |   .7717061   .2013552    -0.99   0.321     .4626653    1.287173
                             |
            comorbidities_tot |   1.087812   .0844251     1.08   0.278      .934256    1.266606
                             |
             healthmental_cat |
                        Good |   .6640115   .1320462    -2.06   0.040     .4496118    .9806489
      Excellent or Very good |   .6061383   .1351263    -2.25   0.025     .3915062    .9384364
                             |
                       _cons |   1.193755   .6765682     0.31   0.755     .3929168    3.626849
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of incident transportation difficulties among the sub-population of those without pre-pandemic transportation
difficulties
. svy, subpop (if transport==0): logistic transport_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1
i.health_cat comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                                  Number of obs    =  3,109
Number of PSUs   = 3,109                                  Population size =      1
Calibration: rake                                         Subpop. no. obs =  3,109
                                                          Subpop. size    =      1
                                                          Design df       =  3,108
                                                          F(18, 3091)     =   8.58
                                                          Prob > F        = 0.0000

------------------------------------------------------------------------------------------------
                             |             Linearized
               transport_chdi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
                        cg_yn |   1.852174   .3054184     3.74   0.000     1.340499    2.559159
                          age |   .9672335   .0064718    -4.98   0.000      .954627    .9800065
                              |
                  raceethgrp2 |
                        Black |   1.916014   .4570637     2.73   0.006     1.200234    3.058661
                        Asian |   3.506285   .8682109     5.07   0.000     2.157716    5.697707
                        Other |   2.289452   .9041935     2.10   0.036     1.055426    4.966324
             Hispanic/Latino  |   1.932096   .4325765     2.94   0.003     1.245601    2.996941
                              |
                   maritalyn |   .5812343   .1083928    -2.91   0.004     .4032285    .8378211
                              |
                      income |
 Between $25,001 and $50,000  |   .9774602   .2075779    -0.11   0.915     .6445604    1.482295
Between $50,001 and $100,000  |   .8188293   .1903459    -0.86   0.390     .5190928    1.291641
          More than $100,000  |   .9484065   .2720257    -0.18   0.853     .5404486    1.664312
```

```
                            |
                       educ |   1.001904   .0952037     0.02   0.984     .8315935    1.207094
                   num_hhr1 |   .9517868     .07897    -0.60   0.552     .8088868    1.119932
                num_childr1 |   1.053401   .1181622     0.46   0.643     .8454254    1.312538
                            |
                 health_cat |
                       Good |   .3873539   .0886173    -4.15   0.000     .2473418    .6066222
Excellent or Very good      |   .4642855   .1267605    -2.81   0.005     .2718299    .7929997
                            |
          comorbidities_tot |   1.089547   .0912344     1.02   0.306     .9245744    1.283955
                            |
           healthmental_cat |
                       Good |   .8101804   .1821037    -0.94   0.349     .5214146    1.258868
Excellent or Very good      |   .9503362   .2287715    -0.21   0.832     .5927756    1.523576
                            |
                      _cons |   .8237813   .5223015    -0.31   0.760     .2376375    2.855676
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.
. *FIGURE 2C
.
.         *Adjusted odds of any worsening HRSV among those with at least 1 pre-pandemic HRSV
. svy, subpop (if hrsr_ynn==1): logistic anyworse cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat
comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs   =  3,129
Number of PSUs   = 3,129                          Population size =      1
Calibration: rake                                 Subpop. no. obs =  3,129
                                                  Subpop. size    =      1
                                                  Design df       =  3,128
                                                  F(18, 3111)     =   4.05
                                                  Prob > F        = 0.0000

------------------------------------------------------------------------------------------------
                            |             Linearized
                  anyworse | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
---------------------------+--------------------------------------------------------------------
                     cg_yn |   1.792983   .2462237     4.25   0.000     1.369742    2.347004
                       age |   .9774096   .0041589    -5.37   0.000     .9692891    .9855982
                           |
              raceethgrp2 |
                     Black |   1.139389   .2046999     0.73   0.468     .8011024    1.620526
                     Asian |   1.348518   .2652327     1.52   0.129     .9170091    1.983078
                     Other |   2.082712   .7141591     2.14   0.032     1.063262    4.079604
          Hispanic/Latino  |   1.246199   .2451983     1.12   0.263     .8473109    1.832871
```

```
                             |
                   maritalyn |   .9538353   .1278503    -0.35   0.724     .7333914    1.240541
                             |
                      income |
 Between $25,001 and $50,000 |   .8763123   .1302382    -0.89   0.374     .6547925    1.172774
Between $50,001 and $100,000 |   .7544407   .1256462    -1.69   0.091     .5442635    1.045782
          More than $100,000 |   .7090205   .1735839    -1.40   0.160     .4387176    1.145862
                             |
                        educ |   1.002573   .0656616     0.04   0.969     .8817526    1.139949
                    num_hhr1 |   .9920723   .0533069    -0.15   0.882     .8928697    1.102297
                num_childr1 |   .9434758   .0779598    -0.70   0.481     .8023584    1.109413
                             |
                  health_cat |
                        Good |   .8717346   .1499319    -0.80   0.425      .622196    1.221353
      Excellent or Very good |   .9138207   .1743685    -0.47   0.637     .6286054    1.328446
                             |
            comorbidities_tot |   1.283133   .0923128     3.47   0.001     1.114319     1.47752
                             |
             healthmental_cat |
                        Good |   .9580702   .1609813    -0.25   0.799     .6891558    1.331917
      Excellent or Very good |   .8504099   .1478445    -0.93   0.351     .6047682    1.195825
                             |
                       _cons |   6.735846   2.692046     4.77   0.000     3.076589    14.74738
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjustsed odds of worsening financial strain among those with pre-pandemic financial strain
. svy, subpop (if finstraindi==1): logistic finstrain_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1
i.health_cat comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs    =  3,140
Number of PSUs   = 3,140                          Population size =      1
Calibration: rake                                 Subpop. no. obs =  3,140
                                                  Subpop. size    =      1
                                                  Design df       =  3,139
                                                  F(18, 3122)     =   2.69
                                                  Prob > F        = 0.0001

------------------------------------------------------------------------------------------------
                             |             Linearized
               finstrain_chdi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
                        cg_yn |   1.995202   .3522551     3.91   0.000     1.411394    2.820495
                          age |   .9873751   .0050109    -2.50   0.012     .9775989    .9972492
                              |
                  raceethgrp2 |
```

```
                      Black  |   1.089156   .2518266     0.37   0.712     .6921585    1.713857
                      Asian  |   1.285199   .3045713     1.06   0.290     .8075544    2.045357
                      Other  |   2.513783   1.057763     2.19   0.029     1.101581    5.736396
            Hispanic/Latino  |   1.031307   .2374086     0.13   0.893     .6566958    1.619614
                             |
                   maritalyn |   1.120182   .1783489     0.71   0.476     .8198095    1.530609
                             |
                      income |
 Between $25,001 and $50,000  |   .8873862   .1593851    -0.67   0.506     .6239758    1.261995
Between $50,001 and $100,000  |   .7623627   .1563213    -1.32   0.186     .5099842    1.139637
          More than $100,000  |   .8432277    .292136    -0.49   0.623     .4274965    1.663249
                             |
                        educ |   1.127684   .0924915     1.47   0.143      .960165     1.32443
                    num_hhr1 |   1.066236   .0699912     0.98   0.329     .9374669    1.212692
                  num_childr1 |    .992977    .097496    -0.07   0.943     .8190892     1.20378
                             |
                  health_cat |
                        Good  |   1.137469   .2266056     0.65   0.518     .7696592     1.68105
     Excellent or Very good  |   1.547599   .3724664     1.81   0.070     .9654226    2.480843
                             |
            comorbidities_tot |   1.297394   .1089811     3.10   0.002     1.100381    1.529679
                             |
            healthmental_cat |
                        Good  |   .9067505   .1808335    -0.49   0.624     .6132915    1.340629
     Excellent or Very good  |   .8468244   .1807707    -0.78   0.436     .5572092     1.28697
                             |
                       _cons |    1.43571   .7669932     0.68   0.498     .5036835    4.092379
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of worsening food insecurity among those with pre-pandemic food insecurity
. svy, subpop (if fiyn==1): logistic fi1_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat
comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs    =  3,138
Number of PSUs   = 3,138                          Population size =      1
Calibration: rake                                 Subpop. no. obs =  3,138
                                                  Subpop. size    =      1
                                                  Design df       =  3,137
                                                  F(18, 3120)     =   2.92
                                                  Prob > F        = 0.0000

------------------------------------------------------------------------------------------------
                             |             Linearized
                   fi1_chdi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
```

```
                        cg_yn |   1.317401   .1864419     1.95   0.052     .9981764    1.738716
                          age |   .9827031   .0046932    -3.65   0.000      .973544    .9919484
                              |
                   raceethgrp2 |
                        Black  |   1.109624   .2060758     0.56   0.575     .7709611    1.597053
                        Asian  |   1.382538   .2875452     1.56   0.119     .9195449     2.07865
                        Other  |   1.587038   .6312345     1.16   0.246     .7276061     3.46161
              Hispanic/Latino  |   1.297429   .2560961     1.32   0.187     .8810534    1.910578
                              |
                     maritalyn |   1.242885   .1789517     1.51   0.131     .9371885    1.648295
                              |
                        income |
 Between $25,001 and $50,000  |   1.194148   .1932614     1.10   0.273     .8694527    1.640099
Between $50,001 and $100,000  |   .7944551   .1414664    -1.29   0.196     .5603247    1.126416
          More than $100,000  |   1.214646   .3573803     0.66   0.509     .6821937    2.162679
                              |
                         educ |   1.022444   .0778103     0.29   0.771     .8807163    1.186978
                      num_hhr1 |   .8672235   .0471122    -2.62   0.009     .7795992    .9646966
                  num_childr1 |   1.076232   .0942761     0.84   0.402     .9063857    1.277904
                              |
                   health_cat |
                        Good  |   .7948516   .1407338    -1.30   0.195     .5617162    1.124748
      Excellent or Very good  |    .912077   .1880105    -0.45   0.655     .6088381    1.366348
                              |
             comorbidities_tot |    1.17991   .0843663     2.31   0.021     1.025564    1.357486
                              |
            healthmental_cat |
                        Good  |   .6711165   .1193731    -2.24   0.025     .4735156    .9511775
      Excellent or Very good  |   .6678279   .1236479    -2.18   0.029     .4645199    .9601183
                              |
                        _cons |   4.970334   2.291228     3.48   0.001     2.013014    12.27226
------------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of worsening utilities difficulties among those with pre-pandemic utilities difficulties
. svy, subpop (if utilyn==1): logistic util_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat
comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs   =  3,149
Number of PSUs   = 3,149                          Population size =      1
Calibration: rake                                 Subpop. no. obs =  3,149
                                                  Subpop. size    =      1
                                                  Design df       =  3,148
                                                  F(17, 3132)     =   2.17
                                                  Prob > F        = 0.0037
```

util_chdi	Odds ratio	Linearized std. err.	t	P>|t|	[95% conf.	interval]
cg_yn	.5902695	.2763577	-1.13	0.260	.2357077	1.478179
age	.9418968	.0187833	-3.00	0.003	.9057789	.979455
raceethgrp2						
Black	.3892617	.2910635	-1.26	0.207	.0898517	1.686387
Asian	2.809133	2.169286	1.34	0.181	.6180151	12.76866
Hispanic/Latino	1.954958	.9997126	1.31	0.190	.7172797	5.328271
maritalyn	.6735614	.2825915	-0.94	0.346	.2958828	1.533327
income						
Between $25,001 and $50,000	1.547703	.8008906	0.84	0.399	.5611083	4.269025
Between $50,001 and $100,000	1.006343	.5989103	0.01	0.992	.3133076	3.23237
More than $100,000	1.182835	.8401276	0.24	0.813	.2938405	4.761419
educ	.9063991	.2047532	-0.44	0.664	.5820514	1.411489
num_hhr1	.9475818	.13423	-0.38	0.704	.717783	1.250951
num_childr1	.7263566	.2299981	-1.01	0.313	.390406	1.351398
health_cat						
Good	.7117854	.4165253	-0.58	0.561	.2259686	2.242075
Excellent or Very good	.6548039	.444691	-0.62	0.533	.1729101	2.479718
comorbidities_tot	1.044095	.2592329	0.17	0.862	.6416796	1.698876
healthmental_cat						
Good	5.136301	4.072487	2.06	0.039	1.085144	24.3116
Excellent or Very good	5.990574	5.476251	1.96	0.050	.9978101	35.96574
_cons	.864782	.8956103	-0.14	0.888	.1135068	6.588574

Note: _cons estimates baseline odds.

```
.
.         *Adjusted odds of worsening IPV among those with pre-pandemic IPV
. svy, subpop (if ipvyn==1): logistic ipv_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1 i.health_cat
comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs    =  3,166
Number of PSUs   = 3,166                          Population size =      1
Calibration: rake                                 Subpop. no. obs =  3,166
                                                  Subpop. size    =      1
                                                  Design df       =  3,165
```

```
                                                F(18, 3148)     =   0.54
                                                Prob > F        = 0.9426

------------------------------------------------------------------------------------------
                             |             Linearized
                   ipv_chdi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------
                      cg_yn |    1.06006   .3165465     0.20   0.845      .590275    1.903736
                        age |   .9766898    .013247    -1.74   0.082     .9510585    1.003012
                            |
                 raceethgrp2 |
                      Black |    1.16987   .5768938     0.32   0.750     .4448636    3.076438
                      Asian |   1.118995    .566883     0.22   0.824     .4144236    3.021426
                      Other |   1.288978   1.014945     0.32   0.747     .2752646    6.035878
           Hispanic/Latino  |   1.568782   .5623269     1.26   0.209     .7768453    3.168042
                            |
                  maritalyn |   .9878251   .3072657    -0.04   0.969     .5367971    1.817816
                            |
                     income |
 Between $25,001 and $50,000 |   .7346168   .2729764    -0.83   0.407     .3545208    1.522229
Between $50,001 and $100,000 |   .6420193   .2611632    -1.09   0.276     .2891748    1.425397
          More than $100,000 |   .7591377   .3691571    -0.57   0.571     .2925741    1.969723
                            |
                        educ |     1.1548    .181053     0.92   0.359     .8491843    1.570406
                    num_hhr1 |   .9198935   .1199068    -0.64   0.522       .71243    1.187772
                  num_childr1 |   1.101362   .2166175     0.49   0.624     .7489457    1.619607
                            |
                  health_cat |
                       Good |    .838721   .3374287    -0.44   0.662      .381098    1.845858
      Excellent or Very good |   .7416082    .322913    -0.69   0.492     .3157914    1.741601
                            |
            comorbidities_tot |   1.302159   .2077295     1.66   0.098      .952407    1.780351
                            |
             healthmental_cat |
                       Good |   1.166635    .448499     0.40   0.689     .5490038    2.479103
      Excellent or Very good |   .8626341   .3490294    -0.37   0.715     .3902036     1.90705
                            |
                       _cons |    .669914   .6778938    -0.40   0.692     .0921189    4.871799
------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.         *Adjusted odds of worsening transportation among those with pre-pandemic transportation difficulties
. svy, subpop (if transport==1): logistic transport_chdi cg_yn age i.raceethgrp2 maritalyn i.income educ num_hhr1 num_childr1
i.health_cat comorbidities_tot i.healthmental_cat, or
(running logistic on estimation sample)
note: logistic reduced the estimation sample, rerunning logistic with calibration adjustment accounting for new estimation sample.

Survey: Logistic regression

Number of strata =     1                          Number of obs    =  3,160
```

```
Number of PSUs   = 3,160                              Population size =      1
Calibration: rake                                     Subpop. no. obs =  3,160
                                                      Subpop. size    =      1
                                                      Design df       =  3,159
                                                      F(18, 3142)     =   2.51
                                                      Prob > F        = 0.0004

------------------------------------------------------------------------------------------
                             |             Linearized
               transport_chdi | Odds ratio   std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------
                       cg_yn |   1.286272   .2853806     1.13   0.257     .8325442    1.987276
                         age |   1.014775   .0074781     1.99   0.047     1.000218    1.029544
                             |
                  raceethgrp2 |
                       Black |   1.402449   .4103937     1.16   0.248     .7901459    2.489239
                       Asian |   2.360158   .8734202     2.32   0.020     1.142398    4.876012
                       Other |   .8647588   .4366022    -0.29   0.774      .321346    2.327111
            Hispanic/Latino  |   .6842452   .1921957    -1.35   0.177     .3944831    1.186848
                             |
                   maritalyn |   1.269638   .2886688     1.05   0.294      .812969    1.982832
                             |
                      income |
 Between $25,001 and $50,000 |   .8400476   .2229555    -0.66   0.511     .4992308    1.413534
Between $50,001 and $100,000 |   1.017109   .2905761     0.06   0.953     .5808927    1.780898
          More than $100,000 |   .6787688   .2792873    -0.94   0.346      .302936    1.520873
                             |
                        educ |   1.069045   .1212916     0.59   0.556     .8558223    1.335392
                    num_hhr1 |   .9994709    .087686    -0.01   0.995     .8415183    1.187071
                num_childr1  |   1.090051   .1370266     0.69   0.493     .8519307    1.394728
                             |
                  health_cat |
                       Good  |   1.432023   .4159739     1.24   0.216     .8102116    2.531056
     Excellent or Very good  |   2.556114    .850386     2.82   0.005     1.331337    4.907638
                             |
            comorbidities_tot |    1.46788   .1772771     3.18   0.001      1.15838    1.860074
                             |
           healthmental_cat  |
                       Good  |   .7346238   .2078894    -1.09   0.276      .421787     1.27949
     Excellent or Very good  |   .3183047   .0998682    -3.65   0.000     .1720584    .5888575
                             |
                       _cons |   .3821143   .2636881    -1.39   0.163     .0987584     1.47847
------------------------------------------------------------------------------------------
Note: _cons estimates baseline odds.

.
.
. log close
      name:  <unnamed>
       log:  B:\COVID19\Survey\Covid19 and Caregiving\Replication (JM)\analyticoutputvFINAL.txt
  log type:  text
```

closed on: 4 Aug 2022, 11:30:50
