Descriptive Analysis of ASU Survey

# Library

Attaching package: 'dplyr'

The following objects are masked from 'package:stats':  
  
 filter, lag

The following objects are masked from 'package:base':  
  
 intersect, setdiff, setequal, union

── Attaching packages ─────────────────────────────────────── tidyverse 1.3.2 ──  
✔ ggplot2 3.4.0 ✔ purrr 0.3.5  
✔ tibble 3.1.8 ✔ stringr 1.5.0  
✔ readr 2.1.3 ✔ forcats 0.5.2  
── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
✖ dplyr::filter() masks stats::filter()  
✖ dplyr::lag() masks stats::lag()  
here() starts at /Users/jacobmatta/Documents/R/ASU-Project-  
  
  
Attaching package: 'pastecs'  
  
  
The following object is masked from 'package:tidyr':  
  
 extract  
  
  
The following objects are masked from 'package:dplyr':  
  
 first, last  
  
  
  
Attaching package: 'table1'  
  
  
The following objects are masked from 'package:base':  
  
 units, units<-

# Load data

using the asu\_merged-May17 dataframe for this analysis because it holds all variables with numeric values but saved as character variables. This allows you to then convert the character variables to numeric variables, perform quality control, then filter the dataframe to only contain asu\_merged participants. I can justify using this procedure because filtering the dataframe as numeric variables prevents additional missing being added to the dataset.

## Cleaning the asu\_merged questions: changing all values that follow question 1(Q2.1) if this question was completed as either: no, not sure or do not know then mark Question 2 - Question 14 as missing

## Checking the varibale types

tibble [1,548 × 144] (S3: tbl\_df/tbl/data.frame)  
 $ data\_enterer : chr [1:1548] NA NA NA NA ...  
 $ Event : chr [1:1548] "Bethel" "Bethel" "Bethel" "Bethel" ...  
 $ Date : chr [1:1548] "44867" "44867" "44867" "44867" ...  
 $ Zip : chr [1:1548] "\*" "\*" "31705" "\*" ...  
 $ ParticipantID : chr [1:1548] "LW1BETHEL" "KL2BETHEL" "HW3BETHEL" "\*" ...  
 $ Gender : chr [1:1548] "2" "2" "1" "\*" ...  
 $ Age : chr [1:1548] "5" "2" "1" "\*" ...  
 $ Race\_Ethnicity : chr [1:1548] "1" "1" "1" "\*" ...  
 $ Specifiy Race : chr [1:1548] NA NA NA NA ...  
 $ Education : chr [1:1548] "3" "2" "2" "\*" ...  
 $ Language : chr [1:1548] "1" "1" "1" "\*" ...  
 $ Specifiy Language : chr [1:1548] NA NA NA NA ...  
 $ Income : chr [1:1548] "1" "1" "2" "\*" ...  
 $ Family\_household : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Children : chr [1:1548] "1" "1" "1" "\*" ...  
 $ Number\_children\_1 : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Number\_children\_2 : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Number\_children\_3 : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Elderly\_family : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Number\_elderly\_1 : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Number\_elderly\_2 : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Health Insurance : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_Cancer : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_Severe\_Allergies : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_Seizures : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_Obesity : chr [1:1548] "1" "\*" "\*" "\*" ...  
 $ Conditions\_Cardio\_Disease : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_Rheumatological : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_Pulmonary : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_Diabetes : chr [1:1548] "1" "\*" "\*" "\*" ...  
 $ Conditions\_Immuno : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_Pregnancy : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_Other : chr [1:1548] "\*" "\*" "\*" "\*" ...  
 $ Conditions\_No\_Conditions : chr [1:1548] NA NA NA NA ...  
 $ Question\_1 : chr [1:1548] NA NA NA NA ...  
 $ Question\_2 : chr [1:1548] NA NA NA NA ...  
 $ Question\_3 : chr [1:1548] NA NA NA NA ...  
 $ Question\_4 : chr [1:1548] NA NA NA NA ...  
 $ Question\_5 : chr [1:1548] NA NA NA NA ...  
 $ Question\_6 : chr [1:1548] NA NA NA NA ...  
 $ Question\_7 : chr [1:1548] NA NA NA NA ...  
 $ Question\_8 : chr [1:1548] NA NA NA NA ...  
 $ Question\_9 : chr [1:1548] NA NA NA NA ...  
 $ Question\_10 : chr [1:1548] NA NA NA NA ...  
 $ Question\_11 : chr [1:1548] NA NA NA NA ...  
 $ Question\_12 : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Fever : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Cough : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Shortness\_of\_breath : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Fatigue : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Muscle\_Body\_Aches : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Headache : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Loss\_of\_Taste : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Sore\_Throat : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Congestion : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Nausea : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Diarrhea : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Asymptomatic : chr [1:1548] NA NA NA NA ...  
 $ Question\_13\_Other : chr [1:1548] NA NA NA NA ...  
 $ Question\_14 : chr [1:1548] NA NA NA NA ...  
 $ Question\_15 : chr [1:1548] NA NA NA NA ...  
 $ Question\_16 : chr [1:1548] NA NA NA NA ...  
 $ Question\_17 : chr [1:1548] NA NA NA NA ...  
 $ Question\_18 : chr [1:1548] NA NA NA NA ...  
 $ Question\_19 : chr [1:1548] NA NA NA NA ...  
 $ Question\_20\_Basic\_Health : chr [1:1548] NA NA NA NA ...  
 $ Question\_20\_COVID\_19\_Vacc : chr [1:1548] NA NA NA NA ...  
 $ Question\_20\_Improving\_ventilation : chr [1:1548] NA NA NA NA ...  
 $ Question\_20\_Getting\_tested : chr [1:1548] NA NA NA NA ...  
 $ Question\_20\_Following\_recommendations: chr [1:1548] NA NA NA NA ...  
 $ Question\_20\_Staying\_home : chr [1:1548] NA NA NA NA ...  
 $ Question\_20\_Seeking : chr [1:1548] NA NA NA NA ...  
 $ Question\_20\_Avoiding : chr [1:1548] NA NA NA NA ...  
 $ Question\_21 : chr [1:1548] NA NA NA NA ...  
 $ Question\_22 : chr [1:1548] "1" "1" "1" "1" ...  
 $ Question\_23 : chr [1:1548] "1" "1" "1" "1" ...  
 $ Question\_24 : chr [1:1548] "1" "1" "3" "1" ...  
 $ Question\_25 : chr [1:1548] NA NA NA NA ...  
 $ Question\_26 : chr [1:1548] NA NA NA NA ...  
 $ Question\_27 : chr [1:1548] "1" "2" "2" NA ...  
 $ Question\_28 : chr [1:1548] "\*" NA NA NA ...  
 $ Question\_29 : chr [1:1548] "\*" NA NA NA ...  
 $ Question\_30\_Physician : chr [1:1548] NA NA NA NA ...  
 $ Question\_30\_Nurse\_Practitioner : chr [1:1548] NA NA NA NA ...  
 $ Question\_30\_Registered\_Nurse : chr [1:1548] NA NA NA NA ...  
 $ Question\_30\_Community\_Health\_Advocate: chr [1:1548] "1" "1" "1" "1" ...  
 $ Question\_30\_Community\_Member : chr [1:1548] NA "1" NA "1" ...  
 $ Question\_30\_Other : chr [1:1548] NA NA NA NA ...  
 $ Question\_31 : chr [1:1548] NA NA NA NA ...  
 $ Question\_32 : chr [1:1548] "1" "1" "1" "1" ...  
 $ Question\_33 : chr [1:1548] "1" "1" "1" "1" ...  
 $ Question\_34 : chr [1:1548] "1" "1" "2" "1" ...  
 $ Question\_35 : chr [1:1548] "1" "1" "4" "4" ...  
 $ Question\_36 : chr [1:1548] "4" "1" "1" "1" ...  
 $ Question\_37 : chr [1:1548] "community health advocate" NA NA NA ...  
 $ Question\_38\_Handout\_flier : chr [1:1548] NA NA "1" NA ...  
 $ Question\_38\_Social\_media : chr [1:1548] NA "1" NA NA ...  
 $ Question\_38\_Standard\_media : chr [1:1548] NA NA NA NA ...  
 $ Question\_38\_Community\_Health\_Advocate: chr [1:1548] NA NA NA NA ...  
 [list output truncated]

Warning: There were 144 warnings in `mutate()`.  
The first warning was:  
ℹ In argument: `data\_enterer = .Primitive("as.double")(data\_enterer)`.  
Caused by warning:  
! NAs introduced by coercion  
ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 143 remaining warnings.

tibble [1,548 × 144] (S3: tbl\_df/tbl/data.frame)  
 $ data\_enterer : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Event : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Date : num [1:1548] 44867 44867 44867 44867 44867 ...  
 $ Zip : num [1:1548] NA NA 31705 NA 31705 ...  
 $ ParticipantID : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Gender : num [1:1548] 2 2 1 NA 1 2 2 2 2 2 ...  
 $ Age : num [1:1548] 5 2 1 NA 1 5 7 6 6 3 ...  
 $ Race\_Ethnicity : num [1:1548] 1 1 1 NA 1 1 1 1 1 1 ...  
 $ Specifiy Race : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Education : num [1:1548] 3 2 2 NA 2 3 3 3 2 1 ...  
 $ Language : num [1:1548] 1 1 1 NA 1 1 1 1 1 1 ...  
 $ Specifiy Language : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Income : num [1:1548] 1 1 2 NA 2 3 1 1 1 1 ...  
 $ Family\_household : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Children : num [1:1548] 1 1 1 NA NA NA NA NA NA NA ...  
 $ Number\_children\_1 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Number\_children\_2 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Number\_children\_3 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Elderly\_family : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Number\_elderly\_1 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Number\_elderly\_2 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Health Insurance : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Conditions\_Cancer : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Conditions\_Severe\_Allergies : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Conditions\_Seizures : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Conditions\_Obesity : num [1:1548] 1 NA NA NA NA 1 NA NA NA NA ...  
 $ Conditions\_Cardio\_Disease : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Conditions\_Rheumatological : num [1:1548] NA NA NA NA NA 1 NA NA NA NA ...  
 $ Conditions\_Pulmonary : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Conditions\_Diabetes : num [1:1548] 1 NA NA NA NA NA NA NA 1 NA ...  
 $ Conditions\_Immuno : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Conditions\_Pregnancy : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Conditions\_Other : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Conditions\_No\_Conditions : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_1 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_2 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_3 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_4 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_5 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_6 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_7 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_8 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_9 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_10 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_11 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_12 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Fever : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Cough : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Shortness\_of\_breath : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Fatigue : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Muscle\_Body\_Aches : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Headache : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Loss\_of\_Taste : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Sore\_Throat : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Congestion : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Nausea : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Diarrhea : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Asymptomatic : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_13\_Other : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_14 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_15 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_16 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_17 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_18 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_19 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_20\_Basic\_Health : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_20\_COVID\_19\_Vacc : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_20\_Improving\_ventilation : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_20\_Getting\_tested : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_20\_Following\_recommendations: num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_20\_Staying\_home : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_20\_Seeking : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_20\_Avoiding : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_21 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_22 : num [1:1548] 1 1 1 1 1 1 1 1 1 1 ...  
 $ Question\_23 : num [1:1548] 1 1 1 1 1 1 1 1 1 1 ...  
 $ Question\_24 : num [1:1548] 1 1 3 1 3 1 1 1 1 1 ...  
 $ Question\_25 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_26 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_27 : num [1:1548] 1 2 2 NA 2 1 1 1 1 1 ...  
 $ Question\_28 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_29 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_30\_Physician : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_30\_Nurse\_Practitioner : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_30\_Registered\_Nurse : num [1:1548] NA NA NA NA NA 1 NA NA NA NA ...  
 $ Question\_30\_Community\_Health\_Advocate: num [1:1548] 1 1 1 1 1 NA 1 1 1 NA ...  
 $ Question\_30\_Community\_Member : num [1:1548] NA 1 NA 1 1 NA NA NA NA 1 ...  
 $ Question\_30\_Other : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_31 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_32 : num [1:1548] 1 1 1 1 1 1 3 1 1 1 ...  
 $ Question\_33 : num [1:1548] 1 1 1 1 1 1 1 1 1 1 ...  
 $ Question\_34 : num [1:1548] 1 1 2 1 1 1 NA 1 1 1 ...  
 $ Question\_35 : num [1:1548] 1 1 4 4 2 1 1 1 2 1 ...  
 $ Question\_36 : num [1:1548] 4 1 1 1 1 5 1 1 1 1 ...  
 $ Question\_37 : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_38\_Handout\_flier : num [1:1548] NA NA 1 NA 1 NA NA 1 1 1 ...  
 $ Question\_38\_Social\_media : num [1:1548] NA 1 NA NA NA NA NA NA NA NA ...  
 $ Question\_38\_Standard\_media : num [1:1548] NA NA NA NA NA NA NA NA NA NA ...  
 $ Question\_38\_Community\_Health\_Advocate: num [1:1548] NA NA NA NA NA 1 NA NA NA NA ...  
 [list output truncated]

# Creating the Exposure variable where 1 = asu\_merged and 2 = not asu\_merged to COVID-19 and 3 = paricipants that left quesiton missing or answered do not know or don’t know

1 2 3   
496 863 189

#————————————–DEMOGRAPHICS—————————————————#

# Summary for zip

Exposure 1 2 3 Sum  
Zip   
   
31701 freq 110 246 25 381  
 perc 7.1% 15.9% 1.6% 24.6%  
 p.row 28.9% 64.6% 6.6% .  
 p.col 22.2% 28.5% 13.2% .  
   
31705 freq 118 260 69 447  
 perc 7.6% 16.8% 4.5% 28.9%  
 p.row 26.4% 58.2% 15.4% .  
 p.col 23.8% 30.1% 36.5% .  
   
31707 freq 84 168 24 276  
 perc 5.4% 10.9% 1.6% 17.8%  
 p.row 30.4% 60.9% 8.7% .  
 p.col 16.9% 19.5% 12.7% .  
   
Other freq 184 189 71 444  
 perc 11.9% 12.2% 4.6% 28.7%  
 p.row 41.4% 42.6% 16.0% .  
 p.col 37.1% 21.9% 37.6% .  
   
Sum freq 496 863 189 1'548  
 perc 32.0% 55.7% 12.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for gender

Exposure Exposed Missing Unexposed Sum  
Gender   
   
Female freq 357 113 543 1'013  
 perc 23.5% 7.4% 35.8% 66.8%  
 p.row 35.2% 11.2% 53.6% .  
 p.col 72.0% 69.3% 63.3% .  
   
I would rather not specify freq 0 0 2 2  
 perc 0.0% 0.0% 0.1% 0.1%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 0.2% .  
   
Male freq 139 50 313 502  
 perc 9.2% 3.3% 20.6% 33.1%  
 p.row 27.7% 10.0% 62.4% .  
 p.col 28.0% 30.7% 36.5% .  
   
Sum freq 496 163 858 1'517  
 perc 32.7% 10.7% 56.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for age

Exposure Exposed Missing Unexposed Sum  
Age   
   
18-24 years old freq 80 64 110 254  
 perc 6.1% 4.9% 8.4% 19.3%  
 p.row 31.5% 25.2% 43.3% .  
 p.col 19.2% 43.8% 14.6% .  
   
25-34 years old freq 61 21 100 182  
 perc 4.6% 1.6% 7.6% 13.8%  
 p.row 33.5% 11.5% 54.9% .  
 p.col 14.6% 14.4% 13.3% .  
   
35-46 years old freq 13 7 20 40  
 perc 1.0% 0.5% 1.5% 3.0%  
 p.row 32.5% 17.5% 50.0% .  
 p.col 3.1% 4.8% 2.7% .  
   
45-54 years old freq 77 12 135 224  
 perc 5.9% 0.9% 10.3% 17.0%  
 p.row 34.4% 5.4% 60.3% .  
 p.col 18.5% 8.2% 17.9% .  
   
55-64 years old freq 98 13 176 287  
 perc 7.4% 1.0% 13.4% 21.8%  
 p.row 34.1% 4.5% 61.3% .  
 p.col 23.5% 8.9% 23.4% .  
   
65-74 years old freq 70 23 171 264  
 perc 5.3% 1.7% 13.0% 20.1%  
 p.row 26.5% 8.7% 64.8% .  
 p.col 16.8% 15.8% 22.7% .  
   
75 years or older freq 18 6 41 65  
 perc 1.4% 0.5% 3.1% 4.9%  
 p.row 27.7% 9.2% 63.1% .  
 p.col 4.3% 4.1% 5.4% .  
   
Sum freq 417 146 753 1'316  
 perc 31.7% 11.1% 57.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for race

Exposure Exposed Missing Unexposed Sum  
Race\_Ethnicity   
   
African American freq 473 158 814 1'445  
 perc 31.2% 10.4% 53.7% 95.4%  
 p.row 32.7% 10.9% 56.3% .  
 p.col 95.9% 97.5% 94.7% .  
   
Asian freq 2 1 3 6  
 perc 0.1% 0.1% 0.2% 0.4%  
 p.row 33.3% 16.7% 50.0% .  
 p.col 0.4% 0.6% 0.3% .  
   
Caucasian freq 14 1 30 45  
 perc 0.9% 0.1% 2.0% 3.0%  
 p.row 31.1% 2.2% 66.7% .  
 p.col 2.8% 0.6% 3.5% .  
   
Latino or Hispanic freq 1 1 6 8  
 perc 0.1% 0.1% 0.4% 0.5%  
 p.row 12.5% 12.5% 75.0% .  
 p.col 0.2% 0.6% 0.7% .  
   
Native American freq 1 0 0 1  
 perc 0.1% 0.0% 0.0% 0.1%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 0.2% 0.0% 0.0% .  
   
Other freq 2 1 7 10  
 perc 0.1% 0.1% 0.5% 0.7%  
 p.row 20.0% 10.0% 70.0% .  
 p.col 0.4% 0.6% 0.8% .  
   
Sum freq 493 162 860 1'515  
 perc 32.5% 10.7% 56.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Education

Exposure Exposed Missing Unexposed Sum  
Education   
   
Bachelor's Degree or higher freq 50 27 60 137  
 perc 4.3% 2.3% 5.2% 11.9%  
 p.row 36.5% 19.7% 43.8% .  
 p.col 15.3% 19.1% 8.7% .  
   
High School freq 233 105 534 872  
 perc 20.2% 9.1% 46.2% 75.5%  
 p.row 26.7% 12.0% 61.2% .  
 p.col 71.5% 74.5% 77.6% .  
   
Less than High School freq 43 9 94 146  
 perc 3.7% 0.8% 8.1% 12.6%  
 p.row 29.5% 6.2% 64.4% .  
 p.col 13.2% 6.4% 13.7% .  
   
Sum freq 326 141 688 1'155  
 perc 28.2% 12.2% 59.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Language

Exposure Exposed Missing Unexposed Sum  
Language   
   
English freq 481 154 837 1'472  
 perc 32.5% 10.4% 56.5% 99.3%  
 p.row 32.7% 10.5% 56.9% .  
 p.col 99.4% 99.4% 99.3% .  
   
Other freq 1 1 2 4  
 perc 0.1% 0.1% 0.1% 0.3%  
 p.row 25.0% 25.0% 50.0% .  
 p.col 0.2% 0.6% 0.2% .  
   
Spanish freq 2 0 4 6  
 perc 0.1% 0.0% 0.3% 0.4%  
 p.row 33.3% 0.0% 66.7% .  
 p.col 0.4% 0.0% 0.5% .  
   
Sum freq 484 155 843 1'482  
 perc 32.7% 10.5% 56.9% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Income

Exposure Exposed Missing Unexposed Sum  
Income   
   
$25,000-$50,000 freq 168 55 316 539  
 perc 11.4% 3.7% 21.4% 36.4%  
 p.row 31.2% 10.2% 58.6% .  
 p.col 34.7% 36.2% 37.5% .  
   
$50,000-$100,000 freq 119 18 128 265  
 perc 8.0% 1.2% 8.7% 17.9%  
 p.row 44.9% 6.8% 48.3% .  
 p.col 24.6% 11.8% 15.2% .  
   
Less than $25,000 freq 151 73 371 595  
 perc 10.2% 4.9% 25.1% 40.2%  
 p.row 25.4% 12.3% 62.4% .  
 p.col 31.2% 48.0% 44.0% .  
   
More than $100,000 freq 46 6 28 80  
 perc 3.1% 0.4% 1.9% 5.4%  
 p.row 57.5% 7.5% 35.0% .  
 p.col 9.5% 3.9% 3.3% .  
   
Sum freq 484 152 843 1'479  
 perc 32.7% 10.3% 57.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Family\_household

Exposure Exposed Missing Unexposed Sum  
Family\_household   
   
1 freq 102 29 282 413  
 perc 7.2% 2.1% 20.0% 29.2%  
 p.row 24.7% 7.0% 68.3% .  
 p.col 21.1% 34.5% 33.4% .  
   
2 freq 126 32 274 432  
 perc 8.9% 2.3% 19.4% 30.6%  
 p.row 29.2% 7.4% 63.4% .  
 p.col 26.0% 38.1% 32.4% .  
   
3 freq 96 8 171 275  
 perc 6.8% 0.6% 12.1% 19.5%  
 p.row 34.9% 2.9% 62.2% .  
 p.col 19.8% 9.5% 20.2% .  
   
4 freq 93 10 75 178  
 perc 6.6% 0.7% 5.3% 12.6%  
 p.row 52.2% 5.6% 42.1% .  
 p.col 19.2% 11.9% 8.9% .  
   
5 or more freq 67 5 43 115  
 perc 4.7% 0.4% 3.0% 8.1%  
 p.row 58.3% 4.3% 37.4% .  
 p.col 13.8% 6.0% 5.1% .  
   
Sum freq 484 84 845 1'413  
 perc 34.3% 5.9% 59.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Children

Exposure Exposed Missing Unexposed Sum  
Children   
   
No freq 292 95 640 1'027  
 perc 19.7% 6.4% 43.3% 69.4%  
 p.row 28.4% 9.3% 62.3% .  
 p.col 59.3% 68.3% 75.5% .  
   
Yes freq 200 44 208 452  
 perc 13.5% 3.0% 14.1% 30.6%  
 p.row 44.2% 9.7% 46.0% .  
 p.col 40.7% 31.7% 24.5% .  
   
Sum freq 492 139 848 1'479  
 perc 33.3% 9.4% 57.3% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for number of children below 5 years old

Exposure Exposed Missing Unexposed Sum  
Number\_children\_1   
   
0 freq 7 0 9 16  
 perc 4.4% 0.0% 5.7% 10.1%  
 p.row 43.8% 0.0% 56.2% .  
 p.col 9.7% 0.0% 11.2% .  
   
1 freq 38 3 51 92  
 perc 24.1% 1.9% 32.3% 58.2%  
 p.row 41.3% 3.3% 55.4% .  
 p.col 52.8% 50.0% 63.7% .  
   
2 freq 18 3 13 34  
 perc 11.4% 1.9% 8.2% 21.5%  
 p.row 52.9% 8.8% 38.2% .  
 p.col 25.0% 50.0% 16.2% .  
   
3 freq 4 0 5 9  
 perc 2.5% 0.0% 3.2% 5.7%  
 p.row 44.4% 0.0% 55.6% .  
 p.col 5.6% 0.0% 6.2% .  
   
4 freq 2 0 1 3  
 perc 1.3% 0.0% 0.6% 1.9%  
 p.row 66.7% 0.0% 33.3% .  
 p.col 2.8% 0.0% 1.2% .  
   
5 freq 1 0 1 2  
 perc 0.6% 0.0% 0.6% 1.3%  
 p.row 50.0% 0.0% 50.0% .  
 p.col 1.4% 0.0% 1.2% .  
   
6 freq 1 0 0 1  
 perc 0.6% 0.0% 0.0% 0.6%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 1.4% 0.0% 0.0% .  
   
7 freq 1 0 0 1  
 perc 0.6% 0.0% 0.0% 0.6%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 1.4% 0.0% 0.0% .  
   
Sum freq 72 6 80 158  
 perc 45.6% 3.8% 50.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for number of children between 5-11

Exposure Exposed Missing Unexposed Sum  
Number\_children\_2   
   
0 freq 2 0 13 15  
 perc 0.9% 0.0% 5.6% 6.5%  
 p.row 13.3% 0.0% 86.7% .  
 p.col 1.7% 0.0% 13.3% .  
   
1 freq 81 6 51 138  
 perc 35.1% 2.6% 22.1% 59.7%  
 p.row 58.7% 4.3% 37.0% .  
 p.col 66.9% 50.0% 52.0% .  
   
2 freq 23 2 18 43  
 perc 10.0% 0.9% 7.8% 18.6%  
 p.row 53.5% 4.7% 41.9% .  
 p.col 19.0% 16.7% 18.4% .  
   
3 freq 5 1 9 15  
 perc 2.2% 0.4% 3.9% 6.5%  
 p.row 33.3% 6.7% 60.0% .  
 p.col 4.1% 8.3% 9.2% .  
   
4 freq 3 1 1 5  
 perc 1.3% 0.4% 0.4% 2.2%  
 p.row 60.0% 20.0% 20.0% .  
 p.col 2.5% 8.3% 1.0% .  
   
5 freq 0 0 1 1  
 perc 0.0% 0.0% 0.4% 0.4%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 1.0% .  
   
6 freq 3 0 0 3  
 perc 1.3% 0.0% 0.0% 1.3%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 2.5% 0.0% 0.0% .  
   
7 freq 2 1 0 3  
 perc 0.9% 0.4% 0.0% 1.3%  
 p.row 66.7% 33.3% 0.0% .  
 p.col 1.7% 8.3% 0.0% .  
   
8 freq 0 1 0 1  
 perc 0.0% 0.4% 0.0% 0.4%  
 p.row 0.0% 100.0% 0.0% .  
 p.col 0.0% 8.3% 0.0% .  
   
9 freq 0 0 2 2  
 perc 0.0% 0.0% 0.9% 0.9%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 2.0% .  
   
10 freq 1 0 3 4  
 perc 0.4% 0.0% 1.3% 1.7%  
 p.row 25.0% 0.0% 75.0% .  
 p.col 0.8% 0.0% 3.1% .  
   
11 freq 1 0 0 1  
 perc 0.4% 0.0% 0.0% 0.4%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 0.8% 0.0% 0.0% .  
   
Sum freq 121 12 98 231  
 perc 52.4% 5.2% 42.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for number of children between 12-17

Exposure Exposed Missing Unexposed Sum  
Number\_children\_3   
   
0 freq 3 0 9 12  
 perc 1.2% 0.0% 3.8% 5.0%  
 p.row 25.0% 0.0% 75.0% .  
 p.col 2.6% 0.0% 8.1% .  
   
1 freq 56 6 73 135  
 perc 23.3% 2.5% 30.4% 56.2%  
 p.row 41.5% 4.4% 54.1% .  
 p.col 49.1% 40.0% 65.8% .  
   
2 freq 47 2 9 58  
 perc 19.6% 0.8% 3.8% 24.2%  
 p.row 81.0% 3.4% 15.5% .  
 p.col 41.2% 13.3% 8.1% .  
   
3 freq 6 0 6 12  
 perc 2.5% 0.0% 2.5% 5.0%  
 p.row 50.0% 0.0% 50.0% .  
 p.col 5.3% 0.0% 5.4% .  
   
4 freq 0 0 3 3  
 perc 0.0% 0.0% 1.2% 1.2%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 2.7% .  
   
5 freq 0 0 3 3  
 perc 0.0% 0.0% 1.2% 1.2%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 2.7% .  
   
7 freq 0 7 0 7  
 perc 0.0% 2.9% 0.0% 2.9%  
 p.row 0.0% 100.0% 0.0% .  
 p.col 0.0% 46.7% 0.0% .  
   
12 freq 0 0 2 2  
 perc 0.0% 0.0% 0.8% 0.8%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 1.8% .  
   
13 freq 0 0 2 2  
 perc 0.0% 0.0% 0.8% 0.8%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 1.8% .  
   
14 freq 0 0 1 1  
 perc 0.0% 0.0% 0.4% 0.4%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 0.9% .  
   
15 freq 0 0 2 2  
 perc 0.0% 0.0% 0.8% 0.8%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 1.8% .  
   
17 freq 1 0 1 2  
 perc 0.4% 0.0% 0.4% 0.8%  
 p.row 50.0% 0.0% 50.0% .  
 p.col 0.9% 0.0% 0.9% .  
   
1317 freq 1 0 0 1  
 perc 0.4% 0.0% 0.0% 0.4%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 0.9% 0.0% 0.0% .  
   
Sum freq 114 15 111 240  
 perc 47.5% 6.2% 46.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for elderly family members

Exposure Exposed Missing Unexposed Sum  
Elderly\_family   
   
1 freq 108 8 175 291  
 perc 7.6% 0.6% 12.2% 20.4%  
 p.row 37.1% 2.7% 60.1% .  
 p.col 22.0% 9.8% 20.5% .  
   
2 freq 384 74 680 1'138  
 perc 26.9% 5.2% 47.6% 79.6%  
 p.row 33.7% 6.5% 59.8% .  
 p.col 78.0% 90.2% 79.5% .  
   
Sum freq 492 82 855 1'429  
 perc 34.4% 5.7% 59.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for the number of elderly family members aged 65-74

Exposure Exposed Missing Unexposed Sum  
Number\_elderly\_1   
   
0 freq 4 0 10 14  
 perc 2.0% 0.0% 5.0% 7.0%  
 p.row 28.6% 0.0% 71.4% .  
 p.col 5.6% 0.0% 8.2% .  
   
1 freq 51 5 78 134  
 perc 25.5% 2.5% 39.0% 67.0%  
 p.row 38.1% 3.7% 58.2% .  
 p.col 70.8% 83.3% 63.9% .  
   
2 freq 14 1 28 43  
 perc 7.0% 0.5% 14.0% 21.5%  
 p.row 32.6% 2.3% 65.1% .  
 p.col 19.4% 16.7% 23.0% .  
   
3 freq 0 0 3 3  
 perc 0.0% 0.0% 1.5% 1.5%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 2.5% .  
   
4 freq 1 0 0 1  
 perc 0.5% 0.0% 0.0% 0.5%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 1.4% 0.0% 0.0% .  
   
8 freq 1 0 0 1  
 perc 0.5% 0.0% 0.0% 0.5%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 1.4% 0.0% 0.0% .  
   
15 freq 0 0 1 1  
 perc 0.0% 0.0% 0.5% 0.5%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 0.8% .  
   
65 freq 0 0 1 1  
 perc 0.0% 0.0% 0.5% 0.5%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 0.8% .  
   
67 freq 1 0 0 1  
 perc 0.5% 0.0% 0.0% 0.5%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 1.4% 0.0% 0.0% .  
   
70 freq 0 0 1 1  
 perc 0.0% 0.0% 0.5% 0.5%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 0.8% .  
   
Sum freq 72 6 122 200  
 perc 36.0% 3.0% 61.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for the number of elderly family members aged 75+

Exposure Exposed Missing Unexposed Sum  
Number\_elderly\_2   
   
0 freq 5 0 9 14  
 perc 4.9% 0.0% 8.7% 13.6%  
 p.row 35.7% 0.0% 64.3% .  
 p.col 13.5% 0.0% 14.1% .  
   
1 freq 29 1 43 73  
 perc 28.2% 1.0% 41.7% 70.9%  
 p.row 39.7% 1.4% 58.9% .  
 p.col 78.4% 50.0% 67.2% .  
   
2 freq 2 0 9 11  
 perc 1.9% 0.0% 8.7% 10.7%  
 p.row 18.2% 0.0% 81.8% .  
 p.col 5.4% 0.0% 14.1% .  
   
3 freq 1 0 0 1  
 perc 1.0% 0.0% 0.0% 1.0%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 2.7% 0.0% 0.0% .  
   
15 freq 0 0 1 1  
 perc 0.0% 0.0% 1.0% 1.0%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 1.6% .  
   
79 freq 0 0 1 1  
 perc 0.0% 0.0% 1.0% 1.0%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 1.6% .  
   
92 freq 0 0 1 1  
 perc 0.0% 0.0% 1.0% 1.0%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 1.6% .  
   
93 freq 0 1 0 1  
 perc 0.0% 1.0% 0.0% 1.0%  
 p.row 0.0% 100.0% 0.0% .  
 p.col 0.0% 50.0% 0.0% .  
   
Sum freq 37 2 64 103  
 perc 35.9% 1.9% 62.1% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for health insurance

Exposure Exposed Missing Unexposed  
Health Insurance   
   
Affordable Care Act (Obamacare) freq 16 2 30  
 perc 1.2% 0.1% 2.2%  
 p.row 33.3% 4.2% 62.5%  
 p.col 3.4% 2.7% 3.7%  
   
Don't Know / Not Sure freq 46 7 49  
 perc 3.4% 0.5% 3.6%  
 p.row 45.1% 6.9% 48.0%  
 p.col 9.9% 9.6% 6.0%  
   
Medicaid freq 74 27 211  
 perc 5.5% 2.0% 15.6%  
 p.row 23.7% 8.7% 67.6%  
 p.col 15.9% 37.0% 26.0%  
   
Medicare freq 83 18 184  
 perc 6.2% 1.3% 13.6%  
 p.row 29.1% 6.3% 64.6%  
 p.col 17.8% 24.7% 22.7%  
   
Other freq 80 11 116  
 perc 5.9% 0.8% 8.6%  
 p.row 38.6% 5.3% 56.0%  
 p.col 17.2% 15.1% 14.3%  
   
Private `Health Insurance` freq 147 5 167  
 perc 10.9% 0.4% 12.4%  
 p.row 46.1% 1.6% 52.4%  
 p.col 31.5% 6.8% 20.6%  
   
Uninsured freq 20 3 53  
 perc 1.5% 0.2% 3.9%  
 p.row 26.3% 3.9% 69.7%  
 p.col 4.3% 4.1% 6.5%  
   
Sum freq 466 73 810  
 perc 34.5% 5.4% 60.0%  
 p.row . . .  
 p.col . . .  
   
   
 Exposure Sum  
Health Insurance   
   
Affordable Care Act (Obamacare) freq 48  
 perc 3.6%  
 p.row .  
 p.col .  
   
Don't Know / Not Sure freq 102  
 perc 7.6%  
 p.row .  
 p.col .  
   
Medicaid freq 312  
 perc 23.1%  
 p.row .  
 p.col .  
   
Medicare freq 285  
 perc 21.1%  
 p.row .  
 p.col .  
   
Other freq 207  
 perc 15.3%  
 p.row .  
 p.col .  
   
Private `Health Insurance` freq 319  
 perc 23.6%  
 p.row .  
 p.col .  
   
Uninsured freq 76  
 perc 5.6%  
 p.row .  
 p.col .  
   
Sum freq 1'349  
 perc 100.0%  
 p.row .  
 p.col .

# Summary for participants with cancer

Exposure Exposed Missing Unexposed Sum  
Conditions\_Cancer   
   
Yes freq 13 1 21 35  
 perc 37.1% 2.9% 60.0% 100.0%  
 p.row 37.1% 2.9% 60.0% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 13 1 21 35  
 perc 37.1% 2.9% 60.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants with severe allergies

Exposure Exposed Missing Unexposed Sum  
Conditions\_Severe\_Allergies   
   
Yes freq 39 9 43 91  
 perc 42.9% 9.9% 47.3% 100.0%  
 p.row 42.9% 9.9% 47.3% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 39 9 43 91  
 perc 42.9% 9.9% 47.3% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants with seizures

Exposure Exposed Missing Unexposed Sum  
Conditions\_Seizures   
   
Yes freq 7 1 5 13  
 perc 53.8% 7.7% 38.5% 100.0%  
 p.row 53.8% 7.7% 38.5% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 7 1 5 13  
 perc 53.8% 7.7% 38.5% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants with obesity

Exposure Exposed Missing Unexposed Sum  
Conditions\_Obesity   
   
Yes freq 80 8 80 168  
 perc 47.6% 4.8% 47.6% 100.0%  
 p.row 47.6% 4.8% 47.6% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 80 8 80 168  
 perc 47.6% 4.8% 47.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants with cardiovascular disease

Exposure Exposed Missing Unexposed Sum  
Conditions\_Cardio\_Disease   
   
Yes freq 12 3 33 48  
 perc 25.0% 6.2% 68.8% 100.0%  
 p.row 25.0% 6.2% 68.8% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 12 3 33 48  
 perc 25.0% 6.2% 68.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants with Rheumatological

Exposure Exposed Missing Unexposed Sum  
Conditions\_Rheumatological   
   
Yes freq 35 5 48 88  
 perc 39.8% 5.7% 54.5% 100.0%  
 p.row 39.8% 5.7% 54.5% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 35 5 48 88  
 perc 39.8% 5.7% 54.5% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants with pulmonary disease

Exposure Exposed Missing Unexposed Sum  
Conditions\_Pulmonary   
   
Yes freq 27 1 33 61  
 perc 44.3% 1.6% 54.1% 100.0%  
 p.row 44.3% 1.6% 54.1% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 27 1 33 61  
 perc 44.3% 1.6% 54.1% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants with diabetes

Exposure Exposed Missing Unexposed Sum  
Conditions\_Diabetes   
   
Yes freq 105 14 138 257  
 perc 40.9% 5.4% 53.7% 100.0%  
 p.row 40.9% 5.4% 53.7% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 105 14 138 257  
 perc 40.9% 5.4% 53.7% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants who are in an immunocompromised state

Exposure Exposed Missing Unexposed Sum  
Conditions\_Immuno   
   
Yes freq 6 1 7 14  
 perc 42.9% 7.1% 50.0% 100.0%  
 p.row 42.9% 7.1% 50.0% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 6 1 7 14  
 perc 42.9% 7.1% 50.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants who are pregnant

Exposure Exposed Unexposed Sum  
Conditions\_Pregnancy   
   
Yes freq 4 9 13  
 perc 30.8% 69.2% 100.0%  
 p.row 30.8% 69.2% .  
 p.col 100.0% 100.0% .  
   
Sum freq 4 9 13  
 perc 30.8% 69.2% 100.0%  
 p.row . . .  
 p.col . . .

# Summary for participants who are other

Exposure Exposed Missing Unexposed Sum  
Conditions\_Other   
   
Yes freq 42 3 60 105  
 perc 40.0% 2.9% 57.1% 100.0%  
 p.row 40.0% 2.9% 57.1% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 42 3 60 105  
 perc 40.0% 2.9% 57.1% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for participants who have no health conditions

Exposure Exposed Missing Unexposed Sum  
Conditions\_No\_Conditions   
   
Yes freq 208 45 448 701  
 perc 29.7% 6.4% 63.9% 100.0%  
 p.row 29.7% 6.4% 63.9% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 208 45 448 701  
 perc 29.7% 6.4% 63.9% 100.0%  
 p.row . . . .  
 p.col . . . .

#————————————–SECTION2—————————————————#

# Summary for question 1: Has a healthcare provider or a home test ever informed you or your family members that you (or your children or other family members) had COVID-19?

Exposure Exposed Missing Unexposed Sum  
Question\_1   
   
Do not know freq 0 21 0 21  
 perc 0.0% 1.5% 0.0% 1.5%  
 p.row 0.0% 100.0% 0.0% .  
 p.col 0.0% 32.8% 0.0% .  
   
No freq 0 0 863 863  
 perc 0.0% 0.0% 60.6% 60.6%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 100.0% .  
   
Not sure freq 0 43 0 43  
 perc 0.0% 3.0% 0.0% 3.0%  
 p.row 0.0% 100.0% 0.0% .  
 p.col 0.0% 67.2% 0.0% .  
   
Yes freq 496 0 0 496  
 perc 34.9% 0.0% 0.0% 34.9%  
 p.row 100.0% 0.0% 0.0% .  
 p.col 100.0% 0.0% 0.0% .  
   
Sum freq 496 64 863 1'423  
 perc 34.9% 4.5% 60.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for question 2: How many members of your household tested positive for COVID-19

Exposure Exposed Missing Sum  
Question\_2   
   
1 freq 240 1 241  
 perc 53.5% 0.2% 53.7%  
 p.row 99.6% 0.4% .  
 p.col 53.6% 100.0% .  
   
2 freq 109 0 109  
 perc 24.3% 0.0% 24.3%  
 p.row 100.0% 0.0% .  
 p.col 24.3% 0.0% .  
   
3 freq 55 0 55  
 perc 12.2% 0.0% 12.2%  
 p.row 100.0% 0.0% .  
 p.col 12.3% 0.0% .  
   
4 freq 36 0 36  
 perc 8.0% 0.0% 8.0%  
 p.row 100.0% 0.0% .  
 p.col 8.0% 0.0% .  
   
5 freq 5 0 5  
 perc 1.1% 0.0% 1.1%  
 p.row 100.0% 0.0% .  
 p.col 1.1% 0.0% .  
   
59 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
62 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
82 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
Sum freq 448 1 449  
 perc 99.8% 0.2% 100.0%  
 p.row . . .  
 p.col . . .

# Summary for question 3: Age of family member 1 who had COVID-19

Exposure Exposed Missing Sum  
Question\_3   
   
1 freq 17 0 17  
 perc 3.8% 0.0% 3.8%  
 p.row 100.0% 0.0% .  
 p.col 3.8% 0.0% .  
   
2 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
3 freq 6 0 6  
 perc 1.3% 0.0% 1.3%  
 p.row 100.0% 0.0% .  
 p.col 1.3% 0.0% .  
   
4 freq 2 0 2  
 perc 0.4% 0.0% 0.4%  
 p.row 100.0% 0.0% .  
 p.col 0.4% 0.0% .  
   
5 freq 6 0 6  
 perc 1.3% 0.0% 1.3%  
 p.row 100.0% 0.0% .  
 p.col 1.3% 0.0% .  
   
6 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
7 freq 7 0 7  
 perc 1.6% 0.0% 1.6%  
 p.row 100.0% 0.0% .  
 p.col 1.6% 0.0% .  
   
8 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
9 freq 2 0 2  
 perc 0.4% 0.0% 0.4%  
 p.row 100.0% 0.0% .  
 p.col 0.4% 0.0% .  
   
10 freq 5 0 5  
 perc 1.1% 0.0% 1.1%  
 p.row 100.0% 0.0% .  
 p.col 1.1% 0.0% .  
   
11 freq 9 0 9  
 perc 2.0% 0.0% 2.0%  
 p.row 100.0% 0.0% .  
 p.col 2.0% 0.0% .  
   
12 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
13 freq 4 0 4  
 perc 0.9% 0.0% 0.9%  
 p.row 100.0% 0.0% .  
 p.col 0.9% 0.0% .  
   
14 freq 6 0 6  
 perc 1.3% 0.0% 1.3%  
 p.row 100.0% 0.0% .  
 p.col 1.3% 0.0% .  
   
15 freq 6 0 6  
 perc 1.3% 0.0% 1.3%  
 p.row 100.0% 0.0% .  
 p.col 1.3% 0.0% .  
   
16 freq 6 0 6  
 perc 1.3% 0.0% 1.3%  
 p.row 100.0% 0.0% .  
 p.col 1.3% 0.0% .  
   
17 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
18 freq 4 0 4  
 perc 0.9% 0.0% 0.9%  
 p.row 100.0% 0.0% .  
 p.col 0.9% 0.0% .  
   
19 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
20 freq 5 0 5  
 perc 1.1% 0.0% 1.1%  
 p.row 100.0% 0.0% .  
 p.col 1.1% 0.0% .  
   
21 freq 7 0 7  
 perc 1.6% 0.0% 1.6%  
 p.row 100.0% 0.0% .  
 p.col 1.6% 0.0% .  
   
22 freq 5 0 5  
 perc 1.1% 0.0% 1.1%  
 p.row 100.0% 0.0% .  
 p.col 1.1% 0.0% .  
   
23 freq 4 0 4  
 perc 0.9% 0.0% 0.9%  
 p.row 100.0% 0.0% .  
 p.col 0.9% 0.0% .  
   
24 freq 3 0 3  
 perc 0.7% 0.0% 0.7%  
 p.row 100.0% 0.0% .  
 p.col 0.7% 0.0% .  
   
25 freq 4 0 4  
 perc 0.9% 0.0% 0.9%  
 p.row 100.0% 0.0% .  
 p.col 0.9% 0.0% .  
   
27 freq 2 0 2  
 perc 0.4% 0.0% 0.4%  
 p.row 100.0% 0.0% .  
 p.col 0.4% 0.0% .  
   
28 freq 2 0 2  
 perc 0.4% 0.0% 0.4%  
 p.row 100.0% 0.0% .  
 p.col 0.4% 0.0% .  
   
29 freq 5 0 5  
 perc 1.1% 0.0% 1.1%  
 p.row 100.0% 0.0% .  
 p.col 1.1% 0.0% .  
   
30 freq 8 1 9  
 perc 1.8% 0.2% 2.0%  
 p.row 88.9% 11.1% .  
 p.col 1.8% 100.0% .  
   
31 freq 9 0 9  
 perc 2.0% 0.0% 2.0%  
 p.row 100.0% 0.0% .  
 p.col 2.0% 0.0% .  
   
32 freq 2 0 2  
 perc 0.4% 0.0% 0.4%  
 p.row 100.0% 0.0% .  
 p.col 0.4% 0.0% .  
   
33 freq 4 0 4  
 perc 0.9% 0.0% 0.9%  
 p.row 100.0% 0.0% .  
 p.col 0.9% 0.0% .  
   
34 freq 2 0 2  
 perc 0.4% 0.0% 0.4%  
 p.row 100.0% 0.0% .  
 p.col 0.4% 0.0% .  
   
35 freq 8 0 8  
 perc 1.8% 0.0% 1.8%  
 p.row 100.0% 0.0% .  
 p.col 1.8% 0.0% .  
   
36 freq 7 0 7  
 perc 1.6% 0.0% 1.6%  
 p.row 100.0% 0.0% .  
 p.col 1.6% 0.0% .  
   
37 freq 4 0 4  
 perc 0.9% 0.0% 0.9%  
 p.row 100.0% 0.0% .  
 p.col 0.9% 0.0% .  
   
38 freq 7 0 7  
 perc 1.6% 0.0% 1.6%  
 p.row 100.0% 0.0% .  
 p.col 1.6% 0.0% .  
   
39 freq 7 0 7  
 perc 1.6% 0.0% 1.6%  
 p.row 100.0% 0.0% .  
 p.col 1.6% 0.0% .  
   
40 freq 7 0 7  
 perc 1.6% 0.0% 1.6%  
 p.row 100.0% 0.0% .  
 p.col 1.6% 0.0% .  
   
41 freq 7 0 7  
 perc 1.6% 0.0% 1.6%  
 p.row 100.0% 0.0% .  
 p.col 1.6% 0.0% .  
   
42 freq 13 0 13  
 perc 2.9% 0.0% 2.9%  
 p.row 100.0% 0.0% .  
 p.col 2.9% 0.0% .  
   
43 freq 8 0 8  
 perc 1.8% 0.0% 1.8%  
 p.row 100.0% 0.0% .  
 p.col 1.8% 0.0% .  
   
44 freq 8 0 8  
 perc 1.8% 0.0% 1.8%  
 p.row 100.0% 0.0% .  
 p.col 1.8% 0.0% .  
   
45 freq 13 0 13  
 perc 2.9% 0.0% 2.9%  
 p.row 100.0% 0.0% .  
 p.col 2.9% 0.0% .  
   
46 freq 5 0 5  
 perc 1.1% 0.0% 1.1%  
 p.row 100.0% 0.0% .  
 p.col 1.1% 0.0% .  
   
47 freq 6 0 6  
 perc 1.3% 0.0% 1.3%  
 p.row 100.0% 0.0% .  
 p.col 1.3% 0.0% .  
   
48 freq 8 0 8  
 perc 1.8% 0.0% 1.8%  
 p.row 100.0% 0.0% .  
 p.col 1.8% 0.0% .  
   
49 freq 3 0 3  
 perc 0.7% 0.0% 0.7%  
 p.row 100.0% 0.0% .  
 p.col 0.7% 0.0% .  
   
50 freq 10 0 10  
 perc 2.2% 0.0% 2.2%  
 p.row 100.0% 0.0% .  
 p.col 2.2% 0.0% .  
   
51 freq 9 0 9  
 perc 2.0% 0.0% 2.0%  
 p.row 100.0% 0.0% .  
 p.col 2.0% 0.0% .  
   
52 freq 14 0 14  
 perc 3.1% 0.0% 3.1%  
 p.row 100.0% 0.0% .  
 p.col 3.1% 0.0% .  
   
53 freq 6 0 6  
 perc 1.3% 0.0% 1.3%  
 p.row 100.0% 0.0% .  
 p.col 1.3% 0.0% .  
   
54 freq 7 0 7  
 perc 1.6% 0.0% 1.6%  
 p.row 100.0% 0.0% .  
 p.col 1.6% 0.0% .  
   
55 freq 9 0 9  
 perc 2.0% 0.0% 2.0%  
 p.row 100.0% 0.0% .  
 p.col 2.0% 0.0% .  
   
56 freq 5 0 5  
 perc 1.1% 0.0% 1.1%  
 p.row 100.0% 0.0% .  
 p.col 1.1% 0.0% .  
   
57 freq 4 0 4  
 perc 0.9% 0.0% 0.9%  
 p.row 100.0% 0.0% .  
 p.col 0.9% 0.0% .  
   
58 freq 3 0 3  
 perc 0.7% 0.0% 0.7%  
 p.row 100.0% 0.0% .  
 p.col 0.7% 0.0% .  
   
59 freq 10 0 10  
 perc 2.2% 0.0% 2.2%  
 p.row 100.0% 0.0% .  
 p.col 2.2% 0.0% .  
   
60 freq 3 0 3  
 perc 0.7% 0.0% 0.7%  
 p.row 100.0% 0.0% .  
 p.col 0.7% 0.0% .  
   
61 freq 10 0 10  
 perc 2.2% 0.0% 2.2%  
 p.row 100.0% 0.0% .  
 p.col 2.2% 0.0% .  
   
62 freq 12 0 12  
 perc 2.7% 0.0% 2.7%  
 p.row 100.0% 0.0% .  
 p.col 2.7% 0.0% .  
   
63 freq 8 0 8  
 perc 1.8% 0.0% 1.8%  
 p.row 100.0% 0.0% .  
 p.col 1.8% 0.0% .  
   
64 freq 14 0 14  
 perc 3.1% 0.0% 3.1%  
 p.row 100.0% 0.0% .  
 p.col 3.1% 0.0% .  
   
65 freq 9 0 9  
 perc 2.0% 0.0% 2.0%  
 p.row 100.0% 0.0% .  
 p.col 2.0% 0.0% .  
   
66 freq 8 0 8  
 perc 1.8% 0.0% 1.8%  
 p.row 100.0% 0.0% .  
 p.col 1.8% 0.0% .  
   
67 freq 5 0 5  
 perc 1.1% 0.0% 1.1%  
 p.row 100.0% 0.0% .  
 p.col 1.1% 0.0% .  
   
68 freq 8 0 8  
 perc 1.8% 0.0% 1.8%  
 p.row 100.0% 0.0% .  
 p.col 1.8% 0.0% .  
   
69 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
70 freq 10 0 10  
 perc 2.2% 0.0% 2.2%  
 p.row 100.0% 0.0% .  
 p.col 2.2% 0.0% .  
   
71 freq 5 0 5  
 perc 1.1% 0.0% 1.1%  
 p.row 100.0% 0.0% .  
 p.col 1.1% 0.0% .  
   
72 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
73 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
74 freq 6 0 6  
 perc 1.3% 0.0% 1.3%  
 p.row 100.0% 0.0% .  
 p.col 1.3% 0.0% .  
   
77 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
78 freq 2 0 2  
 perc 0.4% 0.0% 0.4%  
 p.row 100.0% 0.0% .  
 p.col 0.4% 0.0% .  
   
79 freq 3 0 3  
 perc 0.7% 0.0% 0.7%  
 p.row 100.0% 0.0% .  
 p.col 0.7% 0.0% .  
   
80 freq 2 0 2  
 perc 0.4% 0.0% 0.4%  
 p.row 100.0% 0.0% .  
 p.col 0.4% 0.0% .  
   
83 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
605 freq 1 0 1  
 perc 0.2% 0.0% 0.2%  
 p.row 100.0% 0.0% .  
 p.col 0.2% 0.0% .  
   
Sum freq 447 1 448  
 perc 99.8% 0.2% 100.0%  
 p.row . . .  
 p.col . . .

# Summary for Question\_4: How many months since family member 1 last tested positive

Exposure Exposed Sum  
Question\_4   
   
0 freq 4 4  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
1 freq 23 23  
 perc 5.5% 5.5%  
 p.row 100.0% .  
 p.col 5.5% .  
   
2 freq 16 16  
 perc 3.8% 3.8%  
 p.row 100.0% .  
 p.col 3.8% .  
   
3 freq 17 17  
 perc 4.1% 4.1%  
 p.row 100.0% .  
 p.col 4.1% .  
   
4 freq 25 25  
 perc 6.0% 6.0%  
 p.row 100.0% .  
 p.col 6.0% .  
   
5 freq 19 19  
 perc 4.5% 4.5%  
 p.row 100.0% .  
 p.col 4.5% .  
   
6 freq 25 25  
 perc 6.0% 6.0%  
 p.row 100.0% .  
 p.col 6.0% .  
   
7 freq 14 14  
 perc 3.3% 3.3%  
 p.row 100.0% .  
 p.col 3.3% .  
   
8 freq 24 24  
 perc 5.7% 5.7%  
 p.row 100.0% .  
 p.col 5.7% .  
   
9 freq 18 18  
 perc 4.3% 4.3%  
 p.row 100.0% .  
 p.col 4.3% .  
   
10 freq 13 13  
 perc 3.1% 3.1%  
 p.row 100.0% .  
 p.col 3.1% .  
   
11 freq 7 7  
 perc 1.7% 1.7%  
 p.row 100.0% .  
 p.col 1.7% .  
   
12 freq 107 107  
 perc 25.5% 25.5%  
 p.row 100.0% .  
 p.col 25.5% .  
   
13 freq 5 5  
 perc 1.2% 1.2%  
 p.row 100.0% .  
 p.col 1.2% .  
   
14 freq 5 5  
 perc 1.2% 1.2%  
 p.row 100.0% .  
 p.col 1.2% .  
   
15 freq 10 10  
 perc 2.4% 2.4%  
 p.row 100.0% .  
 p.col 2.4% .  
   
16 freq 4 4  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
17 freq 3 3  
 perc 0.7% 0.7%  
 p.row 100.0% .  
 p.col 0.7% .  
   
18 freq 10 10  
 perc 2.4% 2.4%  
 p.row 100.0% .  
 p.col 2.4% .  
   
19 freq 2 2  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
20 freq 3 3  
 perc 0.7% 0.7%  
 p.row 100.0% .  
 p.col 0.7% .  
   
22 freq 2 2  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
23 freq 2 2  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
24 freq 38 38  
 perc 9.1% 9.1%  
 p.row 100.0% .  
 p.col 9.1% .  
   
25 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
28 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
29 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
30 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
31 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
32 freq 3 3  
 perc 0.7% 0.7%  
 p.row 100.0% .  
 p.col 0.7% .  
   
36 freq 7 7  
 perc 1.7% 1.7%  
 p.row 100.0% .  
 p.col 1.7% .  
   
37 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
38 freq 2 2  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
60 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
72 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
260 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
2020 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
2022 freq 1 1  
 perc 0.2% 0.2%  
 p.row 100.0% .  
 p.col 0.2% .  
   
Sum freq 419 419  
 perc 100.0% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_5: Age of family member 2 who had COVID-19

Exposure Exposed Sum  
Question\_5   
   
1 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
2 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
3 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
4 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
5 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
6 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
7 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
8 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
9 freq 6 6  
 perc 2.8% 2.8%  
 p.row 100.0% .  
 p.col 2.8% .  
   
10 freq 10 10  
 perc 4.7% 4.7%  
 p.row 100.0% .  
 p.col 4.7% .  
   
11 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
12 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
13 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
14 freq 6 6  
 perc 2.8% 2.8%  
 p.row 100.0% .  
 p.col 2.8% .  
   
15 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
16 freq 7 7  
 perc 3.3% 3.3%  
 p.row 100.0% .  
 p.col 3.3% .  
   
17 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
18 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
20 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
21 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
22 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
23 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
24 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
25 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
27 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
28 freq 5 5  
 perc 2.4% 2.4%  
 p.row 100.0% .  
 p.col 2.4% .  
   
29 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
30 freq 6 6  
 perc 2.8% 2.8%  
 p.row 100.0% .  
 p.col 2.8% .  
   
31 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
32 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
33 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
34 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
35 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
36 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
37 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
38 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
39 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
40 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
41 freq 6 6  
 perc 2.8% 2.8%  
 p.row 100.0% .  
 p.col 2.8% .  
   
42 freq 6 6  
 perc 2.8% 2.8%  
 p.row 100.0% .  
 p.col 2.8% .  
   
43 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
44 freq 7 7  
 perc 3.3% 3.3%  
 p.row 100.0% .  
 p.col 3.3% .  
   
45 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
46 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
47 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
48 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
49 freq 3 3  
 perc 1.4% 1.4%  
 p.row 100.0% .  
 p.col 1.4% .  
   
50 freq 5 5  
 perc 2.4% 2.4%  
 p.row 100.0% .  
 p.col 2.4% .  
   
51 freq 7 7  
 perc 3.3% 3.3%  
 p.row 100.0% .  
 p.col 3.3% .  
   
52 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
53 freq 5 5  
 perc 2.4% 2.4%  
 p.row 100.0% .  
 p.col 2.4% .  
   
54 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
55 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
56 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
57 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
58 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
59 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
60 freq 4 4  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
61 freq 9 9  
 perc 4.2% 4.2%  
 p.row 100.0% .  
 p.col 4.2% .  
   
62 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
63 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
64 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
65 freq 2 2  
 perc 0.9% 0.9%  
 p.row 100.0% .  
 p.col 0.9% .  
   
66 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
67 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
68 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
69 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
70 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
75 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
77 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
78 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
81 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
87 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
Sum freq 212 212  
 perc 100.0% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_6: How many months since family member 2 last tested positive

Exposure Exposed Sum  
Question\_6   
   
1 freq 14 14  
 perc 7.0% 7.0%  
 p.row 100.0% .  
 p.col 7.0% .  
   
2 freq 6 6  
 perc 3.0% 3.0%  
 p.row 100.0% .  
 p.col 3.0% .  
   
3 freq 10 10  
 perc 5.0% 5.0%  
 p.row 100.0% .  
 p.col 5.0% .  
   
4 freq 11 11  
 perc 5.5% 5.5%  
 p.row 100.0% .  
 p.col 5.5% .  
   
5 freq 8 8  
 perc 4.0% 4.0%  
 p.row 100.0% .  
 p.col 4.0% .  
   
6 freq 11 11  
 perc 5.5% 5.5%  
 p.row 100.0% .  
 p.col 5.5% .  
   
7 freq 7 7  
 perc 3.5% 3.5%  
 p.row 100.0% .  
 p.col 3.5% .  
   
8 freq 4 4  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
9 freq 9 9  
 perc 4.5% 4.5%  
 p.row 100.0% .  
 p.col 4.5% .  
   
10 freq 11 11  
 perc 5.5% 5.5%  
 p.row 100.0% .  
 p.col 5.5% .  
   
11 freq 3 3  
 perc 1.5% 1.5%  
 p.row 100.0% .  
 p.col 1.5% .  
   
12 freq 67 67  
 perc 33.3% 33.3%  
 p.row 100.0% .  
 p.col 33.3% .  
   
13 freq 3 3  
 perc 1.5% 1.5%  
 p.row 100.0% .  
 p.col 1.5% .  
   
14 freq 3 3  
 perc 1.5% 1.5%  
 p.row 100.0% .  
 p.col 1.5% .  
   
15 freq 3 3  
 perc 1.5% 1.5%  
 p.row 100.0% .  
 p.col 1.5% .  
   
16 freq 2 2  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
17 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
18 freq 5 5  
 perc 2.5% 2.5%  
 p.row 100.0% .  
 p.col 2.5% .  
   
20 freq 2 2  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
21 freq 2 2  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
24 freq 14 14  
 perc 7.0% 7.0%  
 p.row 100.0% .  
 p.col 7.0% .  
   
32 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
36 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
2020 freq 2 2  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
2021 freq 1 1  
 perc 0.5% 0.5%  
 p.row 100.0% .  
 p.col 0.5% .  
   
Sum freq 201 201  
 perc 100.0% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_7: Age of family member one who 3 COVID-19

Exposure Exposed Sum  
Question\_7   
   
1 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
3 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
4 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
5 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
6 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
7 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
10 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
11 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
12 freq 7 7  
 perc 6.7% 6.7%  
 p.row 100.0% .  
 p.col 6.7% .  
   
13 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
14 freq 3 3  
 perc 2.9% 2.9%  
 p.row 100.0% .  
 p.col 2.9% .  
   
15 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
16 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
17 freq 3 3  
 perc 2.9% 2.9%  
 p.row 100.0% .  
 p.col 2.9% .  
   
18 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
19 freq 5 5  
 perc 4.8% 4.8%  
 p.row 100.0% .  
 p.col 4.8% .  
   
20 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
22 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
23 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
24 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
25 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
26 freq 4 4  
 perc 3.8% 3.8%  
 p.row 100.0% .  
 p.col 3.8% .  
   
27 freq 4 4  
 perc 3.8% 3.8%  
 p.row 100.0% .  
 p.col 3.8% .  
   
28 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
29 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
30 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
32 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
33 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
34 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
35 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
36 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
37 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
38 freq 3 3  
 perc 2.9% 2.9%  
 p.row 100.0% .  
 p.col 2.9% .  
   
40 freq 5 5  
 perc 4.8% 4.8%  
 p.row 100.0% .  
 p.col 4.8% .  
   
41 freq 3 3  
 perc 2.9% 2.9%  
 p.row 100.0% .  
 p.col 2.9% .  
   
42 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
43 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
44 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
45 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
47 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
48 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
49 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
54 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
55 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
56 freq 3 3  
 perc 2.9% 2.9%  
 p.row 100.0% .  
 p.col 2.9% .  
   
60 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
61 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
67 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
70 freq 2 2  
 perc 1.9% 1.9%  
 p.row 100.0% .  
 p.col 1.9% .  
   
75 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
77 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
83 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
84 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
Sum freq 104 104  
 perc 100.0% 100.0%  
 p.row . .  
 p.col . .

#Summary for Question\_8: How many months since family member 3 last tested positive

Exposure Exposed Sum  
Question\_8   
   
1 freq 5 5  
 perc 5.2% 5.2%  
 p.row 100.0% .  
 p.col 5.2% .  
   
2 freq 5 5  
 perc 5.2% 5.2%  
 p.row 100.0% .  
 p.col 5.2% .  
   
3 freq 2 2  
 perc 2.1% 2.1%  
 p.row 100.0% .  
 p.col 2.1% .  
   
4 freq 2 2  
 perc 2.1% 2.1%  
 p.row 100.0% .  
 p.col 2.1% .  
   
5 freq 6 6  
 perc 6.2% 6.2%  
 p.row 100.0% .  
 p.col 6.2% .  
   
6 freq 6 6  
 perc 6.2% 6.2%  
 p.row 100.0% .  
 p.col 6.2% .  
   
7 freq 6 6  
 perc 6.2% 6.2%  
 p.row 100.0% .  
 p.col 6.2% .  
   
8 freq 3 3  
 perc 3.1% 3.1%  
 p.row 100.0% .  
 p.col 3.1% .  
   
9 freq 6 6  
 perc 6.2% 6.2%  
 p.row 100.0% .  
 p.col 6.2% .  
   
10 freq 4 4  
 perc 4.2% 4.2%  
 p.row 100.0% .  
 p.col 4.2% .  
   
11 freq 2 2  
 perc 2.1% 2.1%  
 p.row 100.0% .  
 p.col 2.1% .  
   
12 freq 29 29  
 perc 30.2% 30.2%  
 p.row 100.0% .  
 p.col 30.2% .  
   
13 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
14 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
15 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
17 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
18 freq 7 7  
 perc 7.3% 7.3%  
 p.row 100.0% .  
 p.col 7.3% .  
   
19 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
20 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
24 freq 5 5  
 perc 5.2% 5.2%  
 p.row 100.0% .  
 p.col 5.2% .  
   
36 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
2021 freq 1 1  
 perc 1.0% 1.0%  
 p.row 100.0% .  
 p.col 1.0% .  
   
Sum freq 96 96  
 perc 100.0% 100.0%  
 p.row . .  
 p.col . .

#Summary for Question\_9: Age of family member four who had COVID-19

Exposure Exposed Sum  
Question\_9   
   
4 freq 2 2  
 perc 4.1% 4.1%  
 p.row 100.0% .  
 p.col 4.1% .  
   
8 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
9 freq 2 2  
 perc 4.1% 4.1%  
 p.row 100.0% .  
 p.col 4.1% .  
   
11 freq 2 2  
 perc 4.1% 4.1%  
 p.row 100.0% .  
 p.col 4.1% .  
   
12 freq 2 2  
 perc 4.1% 4.1%  
 p.row 100.0% .  
 p.col 4.1% .  
   
13 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
14 freq 3 3  
 perc 6.1% 6.1%  
 p.row 100.0% .  
 p.col 6.1% .  
   
16 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
17 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
18 freq 2 2  
 perc 4.1% 4.1%  
 p.row 100.0% .  
 p.col 4.1% .  
   
20 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
22 freq 2 2  
 perc 4.1% 4.1%  
 p.row 100.0% .  
 p.col 4.1% .  
   
26 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
28 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
29 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
30 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
31 freq 4 4  
 perc 8.2% 8.2%  
 p.row 100.0% .  
 p.col 8.2% .  
   
33 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
36 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
37 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
38 freq 3 3  
 perc 6.1% 6.1%  
 p.row 100.0% .  
 p.col 6.1% .  
   
39 freq 3 3  
 perc 6.1% 6.1%  
 p.row 100.0% .  
 p.col 6.1% .  
   
41 freq 2 2  
 perc 4.1% 4.1%  
 p.row 100.0% .  
 p.col 4.1% .  
   
42 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
43 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
46 freq 3 3  
 perc 6.1% 6.1%  
 p.row 100.0% .  
 p.col 6.1% .  
   
57 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
60 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
71 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
72 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
86 freq 1 1  
 perc 2.0% 2.0%  
 p.row 100.0% .  
 p.col 2.0% .  
   
Sum freq 49 49  
 perc 100.0% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_10: How many months since family member 4 last tested positive

Exposure Exposed Sum  
Question\_10   
   
1 freq 2 2  
 perc 4.5% 4.5%  
 p.row 100.0% .  
 p.col 4.5% .  
   
3 freq 3 3  
 perc 6.8% 6.8%  
 p.row 100.0% .  
 p.col 6.8% .  
   
4 freq 1 1  
 perc 2.3% 2.3%  
 p.row 100.0% .  
 p.col 2.3% .  
   
5 freq 2 2  
 perc 4.5% 4.5%  
 p.row 100.0% .  
 p.col 4.5% .  
   
6 freq 3 3  
 perc 6.8% 6.8%  
 p.row 100.0% .  
 p.col 6.8% .  
   
7 freq 2 2  
 perc 4.5% 4.5%  
 p.row 100.0% .  
 p.col 4.5% .  
   
8 freq 3 3  
 perc 6.8% 6.8%  
 p.row 100.0% .  
 p.col 6.8% .  
   
9 freq 2 2  
 perc 4.5% 4.5%  
 p.row 100.0% .  
 p.col 4.5% .  
   
10 freq 2 2  
 perc 4.5% 4.5%  
 p.row 100.0% .  
 p.col 4.5% .  
   
11 freq 1 1  
 perc 2.3% 2.3%  
 p.row 100.0% .  
 p.col 2.3% .  
   
12 freq 13 13  
 perc 29.5% 29.5%  
 p.row 100.0% .  
 p.col 29.5% .  
   
16 freq 2 2  
 perc 4.5% 4.5%  
 p.row 100.0% .  
 p.col 4.5% .  
   
18 freq 2 2  
 perc 4.5% 4.5%  
 p.row 100.0% .  
 p.col 4.5% .  
   
20 freq 1 1  
 perc 2.3% 2.3%  
 p.row 100.0% .  
 p.col 2.3% .  
   
24 freq 3 3  
 perc 6.8% 6.8%  
 p.row 100.0% .  
 p.col 6.8% .  
   
36 freq 1 1  
 perc 2.3% 2.3%  
 p.row 100.0% .  
 p.col 2.3% .  
   
2021 freq 1 1  
 perc 2.3% 2.3%  
 p.row 100.0% .  
 p.col 2.3% .  
   
Sum freq 44 44  
 perc 100.0% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_11: Age of family member 5 who had COVID-19

Exposure Exposed Sum  
Question\_11   
   
2 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
4 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
7 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
15 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
16 freq 2 2  
 perc 10.5% 10.5%  
 p.row 100.0% .  
 p.col 10.5% .  
   
17 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
18 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
33 freq 2 2  
 perc 10.5% 10.5%  
 p.row 100.0% .  
 p.col 10.5% .  
   
34 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
40 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
41 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
46 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
47 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
52 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
69 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
72 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
91 freq 1 1  
 perc 5.3% 5.3%  
 p.row 100.0% .  
 p.col 5.3% .  
   
Sum freq 19 19  
 perc 100.0% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_12: How many months since family member 5 last tested positive

Exposure Exposed Sum  
Question\_12   
   
1 freq 1 1  
 perc 7.1% 7.1%  
 p.row 100.0% .  
 p.col 7.1% .  
   
2 freq 1 1  
 perc 7.1% 7.1%  
 p.row 100.0% .  
 p.col 7.1% .  
   
3 freq 1 1  
 perc 7.1% 7.1%  
 p.row 100.0% .  
 p.col 7.1% .  
   
5 freq 2 2  
 perc 14.3% 14.3%  
 p.row 100.0% .  
 p.col 14.3% .  
   
8 freq 2 2  
 perc 14.3% 14.3%  
 p.row 100.0% .  
 p.col 14.3% .  
   
9 freq 1 1  
 perc 7.1% 7.1%  
 p.row 100.0% .  
 p.col 7.1% .  
   
11 freq 1 1  
 perc 7.1% 7.1%  
 p.row 100.0% .  
 p.col 7.1% .  
   
12 freq 3 3  
 perc 21.4% 21.4%  
 p.row 100.0% .  
 p.col 21.4% .  
   
20 freq 1 1  
 perc 7.1% 7.1%  
 p.row 100.0% .  
 p.col 7.1% .  
   
26 freq 1 1  
 perc 7.1% 7.1%  
 p.row 100.0% .  
 p.col 7.1% .  
   
Sum freq 14 14  
 perc 100.0% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_13: Did your children or your family member experience Fever or chills

Exposed Missing Unexposed  
 1 289 1 0

# Summary for Question\_13\_Cough: Did your children or your family member experience cough

Exposed Missing Unexposed  
 1 316 1 0

# Summary for Question\_13\_Shortness\_of\_breath: Did your children or your family member experience Shortness\_of\_breath

Exposed Missing Unexposed  
 1 177 0 0

# Summary for Question\_13\_Fatigue: Did your children or your family member experience Fatigue

Exposed Missing Unexposed  
 1 246 0 0

# Summary for Question\_13\_Muscle\_Body\_Aches: Did your children or your family member experience \_Muscle\_Body\_Aches

Exposed Missing Unexposed  
 1 241 1 0

# Summary for Question\_13\_Headache: Did your children or your family member experience Headache

Exposed Missing Unexposed  
 1 242 0 0

# Summary for Question\_13\_Loss\_of\_Taste: Did your children or your family member experience Loss\_of\_Taste

Exposed Missing Unexposed  
 1 173 1 0

# Summary for Question\_13\_Sore\_Throat: Did your children or your family member experience Sore\_Throat

Exposed Missing Unexposed  
 1 204 1 0

# Summary for Question\_13\_Congestion: Did your children or your family member experience Congestion

Exposed Missing Unexposed  
 1 231 1 0

# Summary for Question\_13\_Nausea: Did your children or your family member experience Nausea

Exposed Missing Unexposed  
 1 106 0 0

# Summary for Question\_13\_Diarrhea: Did your children or your family member experience Diarrhea

Exposed Missing Unexposed  
 1 106 0 0

# Summary for Question\_13\_Asymptomatic: Did your children or your family member experience Asymptomatic

Exposed Missing Unexposed  
 1 44 0 0

# Summary for Question\_13\_Other: Did your children or your family member experience other

Exposed Missing Unexposed  
 1 15 0 0  
 5 1 0 0

# Summary for Question\_14: Describe your symptoms

Exposed Missing Unexposed  
 4 1 0 0  
 5 2 0 0

# Summary for Question\_15:I (or my chidlren) am at risk of getting a COVID-19

Exposure Exposed Missing Unexposed Sum  
Question\_15   
   
Agree freq 121 15 171 307  
 perc 8.7% 1.1% 12.4% 22.2%  
 p.row 39.4% 4.9% 55.7% .  
 p.col 25.9% 19.0% 20.4% .  
   
Disagree freq 69 13 203 285  
 perc 5.0% 0.9% 14.7% 20.6%  
 p.row 24.2% 4.6% 71.2% .  
 p.col 14.8% 16.5% 24.2% .  
   
Neutral freq 114 31 163 308  
 perc 8.2% 2.2% 11.8% 22.3%  
 p.row 37.0% 10.1% 52.9% .  
 p.col 24.4% 39.2% 19.5% .  
   
Strongly Agree freq 79 7 108 194  
 perc 5.7% 0.5% 7.8% 14.0%  
 p.row 40.7% 3.6% 55.7% .  
 p.col 16.9% 8.9% 12.9% .  
   
Strongly Disagree freq 84 13 193 290  
 perc 6.1% 0.9% 13.9% 21.0%  
 p.row 29.0% 4.5% 66.6% .  
 p.col 18.0% 16.5% 23.0% .  
   
Sum freq 467 79 838 1'384  
 perc 33.7% 5.7% 60.5% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_16: My family members are at risk of COVID-19 infection

Exposure Exposed Missing Unexposed Sum  
Question\_16   
   
Agree freq 102 20 156 278  
 perc 9.6% 1.9% 14.7% 26.3%  
 p.row 36.7% 7.2% 56.1% .  
 p.col 30.1% 29.4% 23.9% .  
   
Disagree freq 46 10 139 195  
 perc 4.3% 0.9% 13.1% 18.4%  
 p.row 23.6% 5.1% 71.3% .  
 p.col 13.6% 14.7% 21.3% .  
   
Neutral freq 85 26 131 242  
 perc 8.0% 2.5% 12.4% 22.9%  
 p.row 35.1% 10.7% 54.1% .  
 p.col 25.1% 38.2% 20.1% .  
   
Strongly Agree freq 49 2 81 132  
 perc 4.6% 0.2% 7.6% 12.5%  
 p.row 37.1% 1.5% 61.4% .  
 p.col 14.5% 2.9% 12.4% .  
   
Strongly Disagree freq 57 10 145 212  
 perc 5.4% 0.9% 13.7% 20.0%  
 p.row 26.9% 4.7% 68.4% .  
 p.col 16.8% 14.7% 22.2% .  
   
Sum freq 339 68 652 1'059  
 perc 32.0% 6.4% 61.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_17: I feel knowledgeable about the risk of getting COVID-19 infection

Exposure Exposed Missing Unexposed Sum  
Question\_17   
   
Agree freq 128 21 267 416  
 perc 12.5% 2.0% 26.0% 40.6%  
 p.row 30.8% 5.0% 64.2% .  
 p.col 39.1% 30.4% 42.4% .  
   
Disagree freq 12 4 50 66  
 perc 1.2% 0.4% 4.9% 6.4%  
 p.row 18.2% 6.1% 75.8% .  
 p.col 3.7% 5.8% 7.9% .  
   
Neutral freq 29 24 70 123  
 perc 2.8% 2.3% 6.8% 12.0%  
 p.row 23.6% 19.5% 56.9% .  
 p.col 8.9% 34.8% 11.1% .  
   
Strongly Agree freq 131 11 185 327  
 perc 12.8% 1.1% 18.0% 31.9%  
 p.row 40.1% 3.4% 56.6% .  
 p.col 40.1% 15.9% 29.4% .  
   
Strongly Disagree freq 27 9 57 93  
 perc 2.6% 0.9% 5.6% 9.1%  
 p.row 29.0% 9.7% 61.3% .  
 p.col 8.3% 13.0% 9.1% .  
   
Sum freq 327 69 629 1'025  
 perc 31.9% 6.7% 61.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_18: I am worried about the likehood of getting a COVID-19 infection in the near future

Exposure Exposed Missing Unexposed Sum  
Question\_18   
   
Agree freq 81 19 164 264  
 perc 7.9% 1.9% 16.1% 25.9%  
 p.row 30.7% 7.2% 62.1% .  
 p.col 24.8% 27.9% 26.3% .  
   
Disagree freq 69 4 118 191  
 perc 6.8% 0.4% 11.6% 18.7%  
 p.row 36.1% 2.1% 61.8% .  
 p.col 21.1% 5.9% 18.9% .  
   
Neutral freq 90 31 149 270  
 perc 8.8% 3.0% 14.6% 26.5%  
 p.row 33.3% 11.5% 55.2% .  
 p.col 27.5% 45.6% 23.9% .  
   
Strongly Agree freq 38 4 69 111  
 perc 3.7% 0.4% 6.8% 10.9%  
 p.row 34.2% 3.6% 62.2% .  
 p.col 11.6% 5.9% 11.1% .  
   
Strongly Disagree freq 49 10 124 183  
 perc 4.8% 1.0% 12.2% 18.0%  
 p.row 26.8% 5.5% 67.8% .  
 p.col 15.0% 14.7% 19.9% .  
   
Sum freq 327 68 624 1'019  
 perc 32.1% 6.7% 61.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_19:Can we prevent ourselves from getting infected with the COVID-19 virus and/or reduce the severity of infection if infected?

Exposure Exposed Missing Unexposed Sum  
Question\_19   
   
Do not know freq 7 3 11 21  
 perc 0.5% 0.2% 0.7% 1.4%  
 p.row 33.3% 14.3% 52.4% .  
 p.col 1.5% 2.0% 1.3% .  
   
No freq 26 17 97 140  
 perc 1.8% 1.1% 6.6% 9.5%  
 p.row 18.6% 12.1% 69.3% .  
 p.col 5.4% 11.4% 11.4% .  
   
Not sure freq 46 33 71 150  
 perc 3.1% 2.2% 4.8% 10.1%  
 p.row 30.7% 22.0% 47.3% .  
 p.col 9.6% 22.1% 8.3% .  
   
Yes freq 400 96 673 1'169  
 perc 27.0% 6.5% 45.5% 79.0%  
 p.row 34.2% 8.2% 57.6% .  
 p.col 83.5% 64.4% 79.0% .  
   
Sum freq 479 149 852 1'480  
 perc 32.4% 10.1% 57.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_20\_Basic\_Health: Prevention strategies - Basic health and hygiene practices (mask wearing, handwashing, etc.)

Exposure Exposed Missing Unexposed Sum  
Question\_20\_Basic\_Health   
   
Yes freq 378 100 604 1'082  
 perc 34.9% 9.2% 55.8% 100.0%  
 p.row 34.9% 9.2% 55.8% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 378 100 604 1'082  
 perc 34.9% 9.2% 55.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_20\_COVID\_19\_Vacc: Prevention strategies - Staying up to date with COVID-19 vaccines

Exposure Exposed Missing Unexposed Sum  
Question\_20\_COVID\_19\_Vacc   
   
Yes freq 347 86 562 995  
 perc 34.9% 8.6% 56.5% 100.0%  
 p.row 34.9% 8.6% 56.5% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 347 86 562 995  
 perc 34.9% 8.6% 56.5% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_20\_Improving\_ventilation: Prevention strategies

Exposure Exposed Missing Unexposed  
Question\_20\_Improving\_ventilation   
   
Yes freq 243 55 428  
 perc 33.5% 7.6% 59.0%  
 p.row 33.5% 7.6% 59.0%  
 p.col 100.0% 100.0% 100.0%  
   
Sum freq 243 55 428  
 perc 33.5% 7.6% 59.0%  
 p.row . . .  
 p.col . . .  
   
   
 Exposure Sum  
Question\_20\_Improving\_ventilation   
   
Yes freq 726  
 perc 100.0%  
 p.row .  
 p.col .  
   
Sum freq 726  
 perc 100.0%  
 p.row .  
 p.col .

# Summary for Question\_20\_Getting\_tested: Prevention strategies

Exposure Exposed Missing Unexposed Sum  
Question\_20\_Getting\_tested   
   
Yes freq 346 81 562 989  
 perc 35.0% 8.2% 56.8% 100.0%  
 p.row 35.0% 8.2% 56.8% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 346 81 562 989  
 perc 35.0% 8.2% 56.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_20\_Following\_recommendations: Prevention strategies

Exposure Exposed Missing  
Question\_20\_Following\_recommendations   
   
Yes freq 317 70  
 perc 34.8% 7.7%  
 p.row 34.8% 7.7%  
 p.col 100.0% 100.0%  
   
Sum freq 317 70  
 perc 34.8% 7.7%  
 p.row . .  
 p.col . .  
   
   
 Exposure Unexposed Sum  
Question\_20\_Following\_recommendations   
   
Yes freq 525 912  
 perc 57.6% 100.0%  
 p.row 57.6% .  
 p.col 100.0% .  
   
Sum freq 525 912  
 perc 57.6% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_20\_Staying\_home: Prevention strategies

Exposure Exposed Missing Unexposed Sum  
Question\_20\_Staying\_home   
   
Yes freq 334 74 532 940  
 perc 35.5% 7.9% 56.6% 100.0%  
 p.row 35.5% 7.9% 56.6% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 334 74 532 940  
 perc 35.5% 7.9% 56.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_20\_Seeking: Prevention strategies - Seeking treatment if you have COVID-19 and are at a high risk of getting very sick

Exposure Exposed Missing Unexposed Sum  
Question\_20\_Seeking   
   
Yes freq 321 66 520 907  
 perc 35.4% 7.3% 57.3% 100.0%  
 p.row 35.4% 7.3% 57.3% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 321 66 520 907  
 perc 35.4% 7.3% 57.3% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_20\_Avoiding: Prevention strategies - Avoiding contact with people who have suspected or confirmed COVID-19

Exposure Exposed Missing Unexposed Sum  
Question\_20\_Avoiding   
   
Yes freq 332 72 547 951  
 perc 34.9% 7.6% 57.5% 100.0%  
 p.row 34.9% 7.6% 57.5% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 332 72 547 951  
 perc 34.9% 7.6% 57.5% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_21: Do you know where to get a COVID-19 vaccine?

Exposure Exposed Missing Unexposed Sum  
Question\_21   
   
Do not know freq 0 3 4 7  
 perc 0.0% 0.2% 0.3% 0.5%  
 p.row 0.0% 42.9% 57.1% .  
 p.col 0.0% 3.7% 0.5% .  
   
No freq 5 2 25 32  
 perc 0.4% 0.1% 1.8% 2.3%  
 p.row 15.6% 6.2% 78.1% .  
 p.col 1.0% 2.4% 2.9% .  
   
Not sure freq 3 4 8 15  
 perc 0.2% 0.3% 0.6% 1.1%  
 p.row 20.0% 26.7% 53.3% .  
 p.col 0.6% 4.9% 0.9% .  
   
Yes freq 471 73 814 1'358  
 perc 33.4% 5.2% 57.6% 96.2%  
 p.row 34.7% 5.4% 59.9% .  
 p.col 98.3% 89.0% 95.7% .  
   
Sum freq 479 82 851 1'412  
 perc 33.9% 5.8% 60.3% 100.0%  
 p.row . . . .  
 p.col . . . .

#————————————–SECTION3—————————————————#

# Summary for Question\_22: Were you provided with COVID-19 health information during the event today?

Exposure Exposed Missing Unexposed Sum  
Question\_22   
   
Do not know freq 2 4 3 9  
 perc 0.1% 0.3% 0.2% 0.6%  
 p.row 22.2% 44.4% 33.3% .  
 p.col 0.4% 2.2% 0.4% .  
   
No freq 24 14 67 105  
 perc 1.6% 0.9% 4.5% 7.1%  
 p.row 22.9% 13.3% 63.8% .  
 p.col 5.1% 7.8% 8.0% .  
   
Not sure freq 10 4 17 31  
 perc 0.7% 0.3% 1.1% 2.1%  
 p.row 32.3% 12.9% 54.8% .  
 p.col 2.1% 2.2% 2.0% .  
   
Yes freq 433 157 752 1'342  
 perc 29.1% 10.6% 50.6% 90.2%  
 p.row 32.3% 11.7% 56.0% .  
 p.col 92.3% 87.7% 89.6% .  
   
Sum freq 469 179 839 1'487  
 perc 31.5% 12.0% 56.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_23: Did you understand the COVID-19 health information provided today?

Exposure Exposed Missing Unexposed Sum  
Question\_23   
   
Do not know freq 0 0 1 1  
 perc 0.0% 0.0% 0.1% 0.1%  
 p.row 0.0% 0.0% 100.0% .  
 p.col 0.0% 0.0% 0.1% .  
   
No freq 0 1 3 4  
 perc 0.0% 0.1% 0.2% 0.3%  
 p.row 0.0% 25.0% 75.0% .  
 p.col 0.0% 0.6% 0.4% .  
   
Not sure freq 0 1 0 1  
 perc 0.0% 0.1% 0.0% 0.1%  
 p.row 0.0% 100.0% 0.0% .  
 p.col 0.0% 0.6% 0.0% .  
   
Yes freq 435 153 749 1'337  
 perc 32.4% 11.4% 55.8% 99.6%  
 p.row 32.5% 11.4% 56.0% .  
 p.col 100.0% 98.7% 99.5% .  
   
Sum freq 435 155 753 1'343  
 perc 32.4% 11.5% 56.1% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_24: Did you receive information on the COVID-19 vaccine today?

Exposure Exposed Missing Unexposed Sum  
Question\_24   
   
Do not know freq 6 4 2 12  
 perc 0.4% 0.3% 0.1% 0.8%  
 p.row 50.0% 33.3% 16.7% .  
 p.col 1.3% 2.3% 0.2% .  
   
No freq 47 16 79 142  
 perc 3.2% 1.1% 5.3% 9.6%  
 p.row 33.1% 11.3% 55.6% .  
 p.col 10.1% 9.0% 9.5% .  
   
Not sure freq 10 6 6 22  
 perc 0.7% 0.4% 0.4% 1.5%  
 p.row 45.5% 27.3% 27.3% .  
 p.col 2.1% 3.4% 0.7% .  
   
Yes freq 404 151 746 1'301  
 perc 27.4% 10.2% 50.5% 88.1%  
 p.row 31.1% 11.6% 57.3% .  
 p.col 86.5% 85.3% 89.6% .  
   
Sum freq 467 177 833 1'477  
 perc 31.6% 12.0% 56.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_25: Did you also receive a COVID-19 vaccine today?

Exposure Exposed Missing Unexposed Sum  
Question\_25   
   
No freq 309 115 466 890  
 perc 21.6% 8.0% 32.6% 62.2%  
 p.row 34.7% 12.9% 52.4% .  
 p.col 66.5% 78.2% 56.9% .  
   
Yes freq 156 32 353 541  
 perc 10.9% 2.2% 24.7% 37.8%  
 p.row 28.8% 5.9% 65.2% .  
 p.col 33.5% 21.8% 43.1% .  
   
Sum freq 465 147 819 1'431  
 perc 32.5% 10.3% 57.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_26: Was the COVID-19 vaccine dose you received today your 1st dose?

Exposure Exposed Missing Unexposed Sum  
Question\_26   
   
No freq 116 11 237 364  
 perc 25.6% 2.4% 52.3% 80.4%  
 p.row 31.9% 3.0% 65.1% .  
 p.col 86.6% 55.0% 79.3% .  
   
Yes freq 18 9 62 89  
 perc 4.0% 2.0% 13.7% 19.6%  
 p.row 20.2% 10.1% 69.7% .  
 p.col 13.4% 45.0% 20.7% .  
   
Sum freq 134 20 299 453  
 perc 29.6% 4.4% 66.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_27: Were you vaccinated in the past?

Exposure Exposed Missing Unexposed Sum  
Question\_27   
   
No freq 47 27 86 160  
 perc 5.7% 3.3% 10.4% 19.3%  
 p.row 29.4% 16.9% 53.8% .  
 p.col 16.7% 22.7% 20.1% .  
   
Yes freq 235 92 341 668  
 perc 28.4% 11.1% 41.2% 80.7%  
 p.row 35.2% 13.8% 51.0% .  
 p.col 83.3% 77.3% 79.9% .  
   
Sum freq 282 119 427 828  
 perc 34.1% 14.4% 51.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_28: Do you plan to get vaccinated in the near future?

Exposure Exposed Missing Unexposed Sum  
Question\_28   
   
Do not know freq 0 1 4 5  
 perc 0.0% 0.6% 2.6% 3.2%  
 p.row 0.0% 20.0% 80.0% .  
 p.col 0.0% 4.5% 4.9% .  
   
No freq 12 4 24 40  
 perc 7.8% 2.6% 15.6% 26.0%  
 p.row 30.0% 10.0% 60.0% .  
 p.col 23.5% 18.2% 29.6% .  
   
Not sure freq 24 8 22 54  
 perc 15.6% 5.2% 14.3% 35.1%  
 p.row 44.4% 14.8% 40.7% .  
 p.col 47.1% 36.4% 27.2% .  
   
Yes freq 15 9 31 55  
 perc 9.7% 5.8% 20.1% 35.7%  
 p.row 27.3% 16.4% 56.4% .  
 p.col 29.4% 40.9% 38.3% .  
   
Sum freq 51 22 81 154  
 perc 33.1% 14.3% 52.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_29: If/when you decide to get vaccinated, do you know where to get a COVID-19 vaccine?

Exposure Exposed Missing Unexposed Sum  
Question\_29   
   
No freq 3 3 13 19  
 perc 1.6% 1.6% 7.1% 10.3%  
 p.row 15.8% 15.8% 68.4% .  
 p.col 4.6% 16.7% 12.9% .  
   
Yes freq 62 15 88 165  
 perc 33.7% 8.2% 47.8% 89.7%  
 p.row 37.6% 9.1% 53.3% .  
 p.col 95.4% 83.3% 87.1% .  
   
Sum freq 65 18 101 184  
 perc 35.3% 9.8% 54.9% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_30\_Physician: Who provided the information during the event today? Physician

Exposure Exposed Missing Unexposed Sum  
Question\_30\_Physician   
   
Yes freq 66 18 94 178  
 perc 37.1% 10.1% 52.8% 100.0%  
 p.row 37.1% 10.1% 52.8% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 66 18 94 178  
 perc 37.1% 10.1% 52.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_30\_Nurse\_Practitioner: Who provided the information during the event today? Nurse Practitioner

Exposure Exposed Missing Unexposed  
Question\_30\_Nurse\_Practitioner   
   
Yes freq 44 13 60  
 perc 37.6% 11.1% 51.3%  
 p.row 37.6% 11.1% 51.3%  
 p.col 100.0% 100.0% 100.0%  
   
Sum freq 44 13 60  
 perc 37.6% 11.1% 51.3%  
 p.row . . .  
 p.col . . .  
   
   
 Exposure Sum  
Question\_30\_Nurse\_Practitioner   
   
Yes freq 117  
 perc 100.0%  
 p.row .  
 p.col .  
   
Sum freq 117  
 perc 100.0%  
 p.row .  
 p.col .

# Summary for Question\_30\_Registered\_Nurse: Who provided the information during the event today? Registered Nurse

Exposure Exposed Missing Unexposed Sum  
Question\_30\_Registered\_Nurse   
   
Yes freq 67 28 70 165  
 perc 40.6% 17.0% 42.4% 100.0%  
 p.row 40.6% 17.0% 42.4% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 67 28 70 165  
 perc 40.6% 17.0% 42.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_30\_Community\_Health\_Advocate: Who provided the information during the event today? Community Health Advocate

Exposure Exposed Missing  
Question\_30\_Community\_Health\_Advocate   
   
Yes freq 149 46  
 perc 32.2% 9.9%  
 p.row 32.2% 9.9%  
 p.col 100.0% 100.0%  
   
Sum freq 149 46  
 perc 32.2% 9.9%  
 p.row . .  
 p.col . .  
   
   
 Exposure Unexposed Sum  
Question\_30\_Community\_Health\_Advocate   
   
Yes freq 268 463  
 perc 57.9% 100.0%  
 p.row 57.9% .  
 p.col 100.0% .  
   
Sum freq 268 463  
 perc 57.9% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_30\_Community\_Member: Who provided the information during the event today? Community Member

Exposure Exposed Missing Unexposed Sum  
Question\_30\_Community\_Member   
   
Yes freq 133 50 296 479  
 perc 27.8% 10.4% 61.8% 100.0%  
 p.row 27.8% 10.4% 61.8% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 133 50 296 479  
 perc 27.8% 10.4% 61.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_30\_Other: Who provided the information during the event today? Other

Exposure Exposed Missing Unexposed Sum  
Question\_30\_Other   
   
Yes freq 40 9 93 142  
 perc 28.2% 6.3% 65.5% 100.0%  
 p.row 28.2% 6.3% 65.5% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 40 9 93 142  
 perc 28.2% 6.3% 65.5% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_31: Who provided the information during the event today? specify

Exposure Exposed Unexposed Sum  
Question\_31   
   
1 freq 3 5 8  
 perc 33.3% 55.6% 88.9%  
 p.row 37.5% 62.5% .  
 p.col 100.0% 83.3% .  
   
2 freq 0 1 1  
 perc 0.0% 11.1% 11.1%  
 p.row 0.0% 100.0% .  
 p.col 0.0% 16.7% .  
   
Sum freq 3 6 9  
 perc 33.3% 66.7% 100.0%  
 p.row . . .  
 p.col . . .

# Summary for Question\_32: Did the information provider during the event today check your understanding of the COVID-19 health information provided including information about the vaccine?

Exposure Exposed Missing Unexposed Sum  
Question\_32   
   
Do not know freq 2 6 8 16  
 perc 0.1% 0.4% 0.6% 1.1%  
 p.row 12.5% 37.5% 50.0% .  
 p.col 0.5% 3.4% 1.0% .  
   
No freq 9 9 59 77  
 perc 0.6% 0.6% 4.1% 5.4%  
 p.row 11.7% 11.7% 76.6% .  
 p.col 2.0% 5.2% 7.2% .  
   
Not sure freq 16 15 18 49  
 perc 1.1% 1.0% 1.3% 3.4%  
 p.row 32.7% 30.6% 36.7% .  
 p.col 3.6% 8.6% 2.2% .  
   
Yes freq 415 144 733 1'292  
 perc 28.9% 10.0% 51.1% 90.1%  
 p.row 32.1% 11.1% 56.7% .  
 p.col 93.9% 82.8% 89.6% .  
   
Sum freq 442 174 818 1'434  
 perc 30.8% 12.1% 57.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_33: Were you satisfied with the communication regarding COVID-19 health information including information about the vaccine during the event today?

Exposure Exposed Missing Unexposed Sum  
Question\_33   
   
Do not know freq 4 2 4 10  
 perc 0.3% 0.1% 0.3% 0.7%  
 p.row 40.0% 20.0% 40.0% .  
 p.col 0.9% 1.1% 0.5% .  
   
No freq 7 3 40 50  
 perc 0.5% 0.2% 2.8% 3.5%  
 p.row 14.0% 6.0% 80.0% .  
 p.col 1.6% 1.7% 4.9% .  
   
Not sure freq 10 8 18 36  
 perc 0.7% 0.6% 1.2% 2.5%  
 p.row 27.8% 22.2% 50.0% .  
 p.col 2.3% 4.6% 2.2% .  
   
Yes freq 423 162 759 1'344  
 perc 29.4% 11.2% 52.7% 93.3%  
 p.row 31.5% 12.1% 56.5% .  
 p.col 95.3% 92.6% 92.4% .  
   
Sum freq 444 175 821 1'440  
 perc 30.8% 12.2% 57.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_34: Were you involved in decisions regarding COVID-19 vaccination decisions made today?

Exposure Exposed Missing Unexposed Sum  
Question\_34   
   
Do not know freq 7 5 8 20  
 perc 0.5% 0.3% 0.6% 1.4%  
 p.row 35.0% 25.0% 40.0% .  
 p.col 1.6% 3.0% 1.0% .  
   
No freq 73 31 131 235  
 perc 5.1% 2.2% 9.2% 16.4%  
 p.row 31.1% 13.2% 55.7% .  
 p.col 16.4% 18.8% 16.0% .  
   
Not sure freq 20 13 35 68  
 perc 1.4% 0.9% 2.4% 4.8%  
 p.row 29.4% 19.1% 51.5% .  
 p.col 4.5% 7.9% 4.3% .  
   
Yes freq 344 116 647 1'107  
 perc 24.1% 8.1% 45.2% 77.4%  
 p.row 31.1% 10.5% 58.4% .  
 p.col 77.5% 70.3% 78.8% .  
   
Sum freq 444 165 821 1'430  
 perc 31.0% 11.5% 57.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_35: How confident are you about COVID 19 vaccine after participating in the event today?

Exposure Exposed Missing Unexposed Sum  
Question\_35   
   
Moderately confident freq 66 46 139 251  
 perc 4.6% 3.2% 9.8% 17.6%  
 p.row 26.3% 18.3% 55.4% .  
 p.col 15.0% 27.7% 17.0% .  
   
Moderately unconfident freq 12 4 10 26  
 perc 0.8% 0.3% 0.7% 1.8%  
 p.row 46.2% 15.4% 38.5% .  
 p.col 2.7% 2.4% 1.2% .  
   
Very confident freq 353 109 654 1'116  
 perc 24.8% 7.7% 45.9% 78.4%  
 p.row 31.6% 9.8% 58.6% .  
 p.col 80.2% 65.7% 80.0% .  
   
Very unconfident freq 9 7 15 31  
 perc 0.6% 0.5% 1.1% 2.2%  
 p.row 29.0% 22.6% 48.4% .  
 p.col 2.0% 4.2% 1.8% .  
   
Sum freq 440 166 818 1'424  
 perc 30.9% 11.7% 57.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_36: Was the information session you participated in today hosted by a

Exposure Exposed Missing  
Question\_36   
   
local barbershop freq 5 0  
 perc 0.4% 0.0%  
 p.row 71.4% 0.0%  
 p.col 1.1% 0.0%  
   
local church freq 280 56  
 perc 19.9% 4.0%  
 p.row 34.2% 6.8%  
 p.col 63.9% 35.7%  
   
local hospital freq 12 11  
 perc 0.9% 0.8%  
 p.row 30.0% 27.5%  
 p.col 2.7% 7.0%  
   
mobile vaccine and/or testing clinics freq 17 10  
 perc 1.2% 0.7%  
 p.row 17.9% 10.5%  
 p.col 3.9% 6.4%  
   
other community event freq 124 80  
 perc 8.8% 5.7%  
 p.row 27.9% 18.0%  
 p.col 28.3% 51.0%  
   
Sum freq 438 157  
 perc 31.2% 11.2%  
 p.row . .  
 p.col . .  
   
   
 Exposure Unexposed Sum  
Question\_36   
   
local barbershop freq 2 7  
 perc 0.1% 0.5%  
 p.row 28.6% .  
 p.col 0.2% .  
   
local church freq 482 818  
 perc 34.3% 58.3%  
 p.row 58.9% .  
 p.col 59.6% .  
   
local hospital freq 17 40  
 perc 1.2% 2.8%  
 p.row 42.5% .  
 p.col 2.1% .  
   
mobile vaccine and/or testing clinics freq 68 95  
 perc 4.8% 6.8%  
 p.row 71.6% .  
 p.col 8.4% .  
   
other community event freq 240 444  
 perc 17.1% 31.6%  
 p.row 54.1% .  
 p.col 29.7% .  
   
Sum freq 809 1'404  
 perc 57.6% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_37: Please provide the name of the person (s) or organization (s) who provided the information

Exposure Exposed Unexposed Sum  
Question\_37   
   
1 freq 0 3 3  
 perc 0.0% 75.0% 75.0%  
 p.row 0.0% 100.0% .  
 p.col 0.0% 100.0% .  
   
30 freq 1 0 1  
 perc 25.0% 0.0% 25.0%  
 p.row 100.0% 0.0% .  
 p.col 100.0% 0.0% .  
   
Sum freq 1 3 4  
 perc 25.0% 75.0% 100.0%  
 p.row . . .  
 p.col . . .

# Summary for Question\_38\_Handout\_flier: How did you hear about the activity you attended today? Handout flier, pamphlet, or brochure

Exposure Exposed Missing Unexposed Sum  
Question\_38\_Handout\_flier   
   
Yes freq 52 47 108 207  
 perc 25.1% 22.7% 52.2% 100.0%  
 p.row 25.1% 22.7% 52.2% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 52 47 108 207  
 perc 25.1% 22.7% 52.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_38\_Social\_media: How did you hear about the activity you attended today? Social media (TikTok, Instagram, Facebook and Twitter)

Exposure Exposed Missing Unexposed Sum  
Question\_38\_Social\_media   
   
Yes freq 41 16 40 97  
 perc 42.3% 16.5% 41.2% 100.0%  
 p.row 42.3% 16.5% 41.2% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 41 16 40 97  
 perc 42.3% 16.5% 41.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_38\_Standard\_media: How did you hear about the activity you attended today? standard medial source (TV, Radio, Newspaper)

Exposure Exposed Missing Unexposed Sum  
Question\_38\_Standard\_media   
   
Yes freq 23 3 51 77  
 perc 29.9% 3.9% 66.2% 100.0%  
 p.row 29.9% 3.9% 66.2% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 23 3 51 77  
 perc 29.9% 3.9% 66.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_38\_Community\_Health\_Advocate: How did you hear about the activity you attended today? A community health advocate or any other community professional

Exposure Exposed Missing  
Question\_38\_Community\_Health\_Advocate   
   
Yes freq 52 13  
 perc 27.1% 6.8%  
 p.row 27.1% 6.8%  
 p.col 100.0% 100.0%  
   
Sum freq 52 13  
 perc 27.1% 6.8%  
 p.row . .  
 p.col . .  
   
   
 Exposure Unexposed Sum  
Question\_38\_Community\_Health\_Advocate   
   
Yes freq 127 192  
 perc 66.1% 100.0%  
 p.row 66.1% .  
 p.col 100.0% .  
   
Sum freq 127 192  
 perc 66.1% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_38\_Church\_service: How did you hear about the activity you attended today? church service

Exposure Exposed Missing Unexposed Sum  
Question\_38\_Church\_service   
   
Yes freq 140 23 168 331  
 perc 42.3% 6.9% 50.8% 100.0%  
 p.row 42.3% 6.9% 50.8% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 140 23 168 331  
 perc 42.3% 6.9% 50.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_38\_Barbershop: How did you hear about the activity you attended today? at the local barbershop

Exposure Exposed Unexposed Sum  
Question\_38\_Barbershop   
   
Yes freq 3 6 9  
 perc 33.3% 66.7% 100.0%  
 p.row 33.3% 66.7% .  
 p.col 100.0% 100.0% .  
   
Sum freq 3 6 9  
 perc 33.3% 66.7% 100.0%  
 p.row . . .  
 p.col . . .

# Summary for Question\_38\_Community\_members: How did you hear about the activity you attended today? from community members, friends, or family members

Exposure Exposed Missing Unexposed Sum  
Question\_38\_Community\_members   
   
Yes freq 143 60 283 486  
 perc 29.4% 12.3% 58.2% 100.0%  
 p.row 29.4% 12.3% 58.2% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 143 60 283 486  
 perc 29.4% 12.3% 58.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_38\_Others: How did you hear about the activity you attended today? other

Exposure Exposed Missing Unexposed Sum  
Question\_38\_Others   
   
Yes freq 18 6 43 67  
 perc 26.9% 9.0% 64.2% 100.0%  
 p.row 26.9% 9.0% 64.2% .  
 p.col 100.0% 100.0% 100.0% .  
   
Sum freq 18 6 43 67  
 perc 26.9% 9.0% 64.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_39: How did you hear about the activity you attended today? specify

Exposure Exposed Missing Unexposed Sum  
Question\_39   
   
1 freq 0 2 0 2  
 perc 0.0% 12.5% 0.0% 12.5%  
 p.row 0.0% 100.0% 0.0% .  
 p.col 0.0% 66.7% 0.0% .  
   
2 freq 4 1 6 11  
 perc 25.0% 6.2% 37.5% 68.8%  
 p.row 36.4% 9.1% 54.5% .  
 p.col 66.7% 33.3% 85.7% .  
   
3 freq 2 0 1 3  
 perc 12.5% 0.0% 6.2% 18.8%  
 p.row 66.7% 0.0% 33.3% .  
 p.col 33.3% 0.0% 14.3% .  
   
Sum freq 6 3 7 16  
 perc 37.5% 18.8% 43.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_40: Did your child or children also receive a COVID-19 vaccine today?

Exposure Exposed Missing  
Question\_40   
   
I do not have childen under 18 in my household freq 29 10  
 perc 4.5% 1.5%  
 p.row 26.1% 9.0%  
 p.col 12.4% 11.1%  
   
No freq 172 74  
 perc 26.6% 11.5%  
 p.row 37.3% 16.1%  
 p.col 73.8% 82.2%  
   
Yes freq 32 6  
 perc 5.0% 0.9%  
 p.row 43.2% 8.1%  
 p.col 13.7% 6.7%  
   
Sum freq 233 90  
 perc 36.1% 13.9%  
 p.row . .  
 p.col . .  
   
   
 Exposure Unexposed Sum  
Question\_40   
   
I do not have childen under 18 in my household freq 72 111  
 perc 11.1% 17.2%  
 p.row 64.9% .  
 p.col 22.3% .  
   
No freq 215 461  
 perc 33.3% 71.4%  
 p.row 46.6% .  
 p.col 66.6% .  
   
Yes freq 36 74  
 perc 5.6% 11.5%  
 p.row 48.6% .  
 p.col 11.1% .  
   
Sum freq 323 646  
 perc 50.0% 100.0%  
 p.row . .  
 p.col . .

# Summary for Question\_41: was the dose you child/children received today their 1st dose

Exposure Exposed Missing Unexposed Sum  
Question\_41   
   
No freq 19 4 16 39  
 perc 32.2% 6.8% 27.1% 66.1%  
 p.row 48.7% 10.3% 41.0% .  
 p.col 76.0% 100.0% 53.3% .  
   
Yes freq 6 0 14 20  
 perc 10.2% 0.0% 23.7% 33.9%  
 p.row 30.0% 0.0% 70.0% .  
 p.col 24.0% 0.0% 46.7% .  
   
Sum freq 25 4 30 59  
 perc 42.4% 6.8% 50.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_42: was your child/children vaccinated in the past?

Exposure Exposed Missing Unexposed Sum  
Question\_42   
   
No freq 58 21 74 153  
 perc 16.3% 5.9% 20.8% 43.0%  
 p.row 37.9% 13.7% 48.4% .  
 p.col 38.2% 50.0% 45.7% .  
   
Yes freq 94 21 88 203  
 perc 26.4% 5.9% 24.7% 57.0%  
 p.row 46.3% 10.3% 43.3% .  
 p.col 61.8% 50.0% 54.3% .  
   
Sum freq 152 42 162 356  
 perc 42.7% 11.8% 45.5% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_43: do you plan to get you child/children vaccinated in the near future?

Exposure Exposed Missing Unexposed Sum  
Question\_43   
   
Do not know freq 1 6 0 7  
 perc 0.6% 3.6% 0.0% 4.2%  
 p.row 14.3% 85.7% 0.0% .  
 p.col 1.5% 24.0% 0.0% .  
   
No freq 19 8 25 52  
 perc 11.3% 4.8% 14.9% 31.0%  
 p.row 36.5% 15.4% 48.1% .  
 p.col 28.8% 32.0% 32.5% .  
   
Not sure freq 30 5 29 64  
 perc 17.9% 3.0% 17.3% 38.1%  
 p.row 46.9% 7.8% 45.3% .  
 p.col 45.5% 20.0% 37.7% .  
   
Yes freq 16 6 23 45  
 perc 9.5% 3.6% 13.7% 26.8%  
 p.row 35.6% 13.3% 51.1% .  
 p.col 24.2% 24.0% 29.9% .  
   
Sum freq 66 25 77 168  
 perc 39.3% 14.9% 45.8% 100.0%  
 p.row . . . .  
 p.col . . . .

#————————————–SECTION4—————————————————# Vaccine Hesitancy Qustions

# Clinical Barriers

## Summary for Question\_44: Getting sick from multiple dose of COVID-19 vaccine is of concern

Exposure Exposed Missing Unexposed Sum  
Question\_44   
   
Agree freq 72 20 147 239  
 perc 5.4% 1.5% 11.0% 17.8%  
 p.row 30.1% 8.4% 61.5% .  
 p.col 16.4% 20.2% 18.3% .  
   
Disagree freq 85 12 202 299  
 perc 6.3% 0.9% 15.1% 22.3%  
 p.row 28.4% 4.0% 67.6% .  
 p.col 19.4% 12.1% 25.1% .  
   
Neutral freq 101 39 169 309  
 perc 7.5% 2.9% 12.6% 23.0%  
 p.row 32.7% 12.6% 54.7% .  
 p.col 23.1% 39.4% 21.0% .  
   
Strongly Agree freq 85 14 115 214  
 perc 6.3% 1.0% 8.6% 15.9%  
 p.row 39.7% 6.5% 53.7% .  
 p.col 19.4% 14.1% 14.3% .  
   
Strongly Disagree freq 95 14 172 281  
 perc 7.1% 1.0% 12.8% 20.9%  
 p.row 33.8% 5.0% 61.2% .  
 p.col 21.7% 14.1% 21.4% .  
   
Sum freq 438 99 805 1'342  
 perc 32.6% 7.4% 60.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_45: Dying from the COVID-19 vaccine is of concern

Exposure Exposed Missing Unexposed Sum  
Question\_45   
   
Agree freq 64 19 135 218  
 perc 4.8% 1.4% 10.1% 16.3%  
 p.row 29.4% 8.7% 61.9% .  
 p.col 14.6% 19.8% 16.8% .  
   
Disagree freq 72 10 189 271  
 perc 5.4% 0.7% 14.1% 20.3%  
 p.row 26.6% 3.7% 69.7% .  
 p.col 16.4% 10.4% 23.5% .  
   
Neutral freq 84 39 150 273  
 perc 6.3% 2.9% 11.2% 20.4%  
 p.row 30.8% 14.3% 54.9% .  
 p.col 19.1% 40.6% 18.7% .  
   
Strongly Agree freq 104 14 159 277  
 perc 7.8% 1.0% 11.9% 20.7%  
 p.row 37.5% 5.1% 57.4% .  
 p.col 23.7% 14.6% 19.8% .  
   
Strongly Disagree freq 115 14 170 299  
 perc 8.6% 1.0% 12.7% 22.3%  
 p.row 38.5% 4.7% 56.9% .  
 p.col 26.2% 14.6% 21.2% .  
   
Sum freq 439 96 803 1'338  
 perc 32.8% 7.2% 60.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_46: Heart disease from the COVID-19 vaccine is of concern

Exposure Exposed Missing Unexposed Sum  
Question\_46   
   
Agree freq 69 20 131 220  
 perc 5.4% 1.6% 10.2% 17.1%  
 p.row 31.4% 9.1% 59.5% .  
 p.col 16.5% 20.8% 16.9% .  
   
Disagree freq 71 11 201 283  
 perc 5.5% 0.9% 15.6% 22.0%  
 p.row 25.1% 3.9% 71.0% .  
 p.col 17.0% 11.5% 26.0% .  
   
Neutral freq 92 38 165 295  
 perc 7.1% 3.0% 12.8% 22.9%  
 p.row 31.2% 12.9% 55.9% .  
 p.col 22.1% 39.6% 21.3% .  
   
Strongly Agree freq 79 16 121 216  
 perc 6.1% 1.2% 9.4% 16.8%  
 p.row 36.6% 7.4% 56.0% .  
 p.col 18.9% 16.7% 15.6% .  
   
Strongly Disagree freq 106 11 156 273  
 perc 8.2% 0.9% 12.1% 21.2%  
 p.row 38.8% 4.0% 57.1% .  
 p.col 25.4% 11.5% 20.2% .  
   
Sum freq 417 96 774 1'287  
 perc 32.4% 7.5% 60.1% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_47: Blood clots from the COVID-19 vaccine is of concern

Exposure Exposed Missing Unexposed Sum  
Question\_47   
   
Agree freq 65 20 148 233  
 perc 5.1% 1.6% 11.6% 18.2%  
 p.row 27.9% 8.6% 63.5% .  
 p.col 15.7% 21.1% 19.1% .  
   
Disagree freq 71 11 197 279  
 perc 5.5% 0.9% 15.4% 21.8%  
 p.row 25.4% 3.9% 70.6% .  
 p.col 17.2% 11.6% 25.5% .  
   
Neutral freq 102 38 154 294  
 perc 8.0% 3.0% 12.0% 23.0%  
 p.row 34.7% 12.9% 52.4% .  
 p.col 24.7% 40.0% 19.9% .  
   
Strongly Agree freq 77 15 120 212  
 perc 6.0% 1.2% 9.4% 16.5%  
 p.row 36.3% 7.1% 56.6% .  
 p.col 18.6% 15.8% 15.5% .  
   
Strongly Disagree freq 98 11 154 263  
 perc 7.7% 0.9% 12.0% 20.5%  
 p.row 37.3% 4.2% 58.6% .  
 p.col 23.7% 11.6% 19.9% .  
   
Sum freq 413 95 773 1'281  
 perc 32.2% 7.4% 60.3% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_48: The COVID-19 vaccine leads to miscarriages and is not appropriate for pregnant women

Exposure Exposed Missing Unexposed Sum  
Question\_48   
   
Agree freq 36 14 89 139  
 perc 2.8% 1.1% 7.0% 10.9%  
 p.row 25.9% 10.1% 64.0% .  
 p.col 8.7% 14.7% 11.6% .  
   
Disagree freq 86 13 200 299  
 perc 6.7% 1.0% 15.6% 23.4%  
 p.row 28.8% 4.3% 66.9% .  
 p.col 20.7% 13.7% 26.1% .  
   
Neutral freq 126 41 202 369  
 perc 9.9% 3.2% 15.8% 28.9%  
 p.row 34.1% 11.1% 54.7% .  
 p.col 30.3% 43.2% 26.3% .  
   
Strongly Agree freq 59 13 104 176  
 perc 4.6% 1.0% 8.1% 13.8%  
 p.row 33.5% 7.4% 59.1% .  
 p.col 14.2% 13.7% 13.6% .  
   
Strongly Disagree freq 109 14 172 295  
 perc 8.5% 1.1% 13.5% 23.1%  
 p.row 36.9% 4.7% 58.3% .  
 p.col 26.2% 14.7% 22.4% .  
   
Sum freq 416 95 767 1'278  
 perc 32.6% 7.4% 60.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_49: High blood pressure from the COVID-19 vaccine is of concern

Exposure Exposed Missing Unexposed Sum  
Question\_49   
   
Agree freq 57 15 127 199  
 perc 4.5% 1.2% 10.0% 15.6%  
 p.row 28.6% 7.5% 63.8% .  
 p.col 13.8% 16.0% 16.5% .  
   
Disagree freq 87 12 208 307  
 perc 6.8% 0.9% 16.3% 24.1%  
 p.row 28.3% 3.9% 67.8% .  
 p.col 21.0% 12.8% 27.1% .  
   
Neutral freq 108 41 154 303  
 perc 8.5% 3.2% 12.1% 23.7%  
 p.row 35.6% 13.5% 50.8% .  
 p.col 26.1% 43.6% 20.1% .  
   
Strongly Agree freq 65 13 111 189  
 perc 5.1% 1.0% 8.7% 14.8%  
 p.row 34.4% 6.9% 58.7% .  
 p.col 15.7% 13.8% 14.5% .  
   
Strongly Disagree freq 97 13 168 278  
 perc 7.6% 1.0% 13.2% 21.8%  
 p.row 34.9% 4.7% 60.4% .  
 p.col 23.4% 13.8% 21.9% .  
   
Sum freq 414 94 768 1'276  
 perc 32.4% 7.4% 60.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_50: COVID-19 vaccine implants a “computer chip” in the body

Exposure Exposed Missing Unexposed Sum  
Question\_50   
   
Agree freq 22 12 79 113  
 perc 1.7% 0.9% 6.2% 8.8%  
 p.row 19.5% 10.6% 69.9% .  
 p.col 5.3% 12.5% 10.3% .  
   
Disagree freq 95 18 213 326  
 perc 7.4% 1.4% 16.7% 25.5%  
 p.row 29.1% 5.5% 65.3% .  
 p.col 22.8% 18.8% 27.8% .  
   
Neutral freq 86 41 130 257  
 perc 6.7% 3.2% 10.2% 20.1%  
 p.row 33.5% 16.0% 50.6% .  
 p.col 20.7% 42.7% 17.0% .  
   
Strongly Agree freq 38 11 78 127  
 perc 3.0% 0.9% 6.1% 9.9%  
 p.row 29.9% 8.7% 61.4% .  
 p.col 9.1% 11.5% 10.2% .  
   
Strongly Disagree freq 175 14 265 454  
 perc 13.7% 1.1% 20.8% 35.6%  
 p.row 38.5% 3.1% 58.4% .  
 p.col 42.1% 14.6% 34.6% .  
   
Sum freq 416 96 765 1'277  
 perc 32.6% 7.5% 59.9% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_51: COVID-19 vaccine components remain in the human body for a long period of time

Exposure Exposed Missing Unexposed Sum  
Question\_51   
   
Agree freq 75 19 143 237  
 perc 5.9% 1.5% 11.3% 18.8%  
 p.row 31.6% 8.0% 60.3% .  
 p.col 18.3% 20.2% 18.9% .  
   
Disagree freq 75 15 177 267  
 perc 5.9% 1.2% 14.0% 21.2%  
 p.row 28.1% 5.6% 66.3% .  
 p.col 18.3% 16.0% 23.4% .  
   
Neutral freq 131 40 200 371  
 perc 10.4% 3.2% 15.9% 29.4%  
 p.row 35.3% 10.8% 53.9% .  
 p.col 32.0% 42.6% 26.4% .  
   
Strongly Agree freq 50 11 92 153  
 perc 4.0% 0.9% 7.3% 12.1%  
 p.row 32.7% 7.2% 60.1% .  
 p.col 12.2% 11.7% 12.1% .  
   
Strongly Disagree freq 78 9 146 233  
 perc 6.2% 0.7% 11.6% 18.5%  
 p.row 33.5% 3.9% 62.7% .  
 p.col 19.1% 9.6% 19.3% .  
   
Sum freq 409 94 758 1'261  
 perc 32.4% 7.5% 60.1% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_52: Pain from/related to COVID-19 vaccine is of concern.

Exposure Exposed Missing Unexposed Sum  
Question\_52   
   
Agree freq 69 14 133 216  
 perc 5.3% 1.1% 10.2% 16.5%  
 p.row 31.9% 6.5% 61.6% .  
 p.col 15.9% 14.6% 17.1% .  
   
Disagree freq 68 17 194 279  
 perc 5.2% 1.3% 14.8% 21.3%  
 p.row 24.4% 6.1% 69.5% .  
 p.col 15.6% 17.7% 25.0% .  
   
Neutral freq 118 40 189 347  
 perc 9.0% 3.1% 14.5% 26.5%  
 p.row 34.0% 11.5% 54.5% .  
 p.col 27.1% 41.7% 24.4% .  
   
Strongly Agree freq 80 10 95 185  
 perc 6.1% 0.8% 7.3% 14.2%  
 p.row 43.2% 5.4% 51.4% .  
 p.col 18.4% 10.4% 12.2% .  
   
Strongly Disagree freq 100 15 165 280  
 perc 7.7% 1.1% 12.6% 21.4%  
 p.row 35.7% 5.4% 58.9% .  
 p.col 23.0% 15.6% 21.3% .  
   
Sum freq 435 96 776 1'307  
 perc 33.3% 7.3% 59.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_53: COVID-19 vaccine is NOT an effective way to protect against COVID-19.

Exposure Exposed Missing Unexposed Sum  
Question\_53   
   
Agree freq 35 11 75 121  
 perc 2.7% 0.8% 5.7% 9.2%  
 p.row 28.9% 9.1% 62.0% .  
 p.col 8.0% 11.3% 9.6% .  
   
Disagree freq 100 23 229 352  
 perc 7.6% 1.7% 17.4% 26.7%  
 p.row 28.4% 6.5% 65.1% .  
 p.col 22.9% 23.7% 29.2% .  
   
Neutral freq 86 41 146 273  
 perc 6.5% 3.1% 11.1% 20.7%  
 p.row 31.5% 15.0% 53.5% .  
 p.col 19.7% 42.3% 18.6% .  
   
Strongly Agree freq 27 7 51 85  
 perc 2.1% 0.5% 3.9% 6.5%  
 p.row 31.8% 8.2% 60.0% .  
 p.col 6.2% 7.2% 6.5% .  
   
Strongly Disagree freq 188 15 283 486  
 perc 14.3% 1.1% 21.5% 36.9%  
 p.row 38.7% 3.1% 58.2% .  
 p.col 43.1% 15.5% 36.1% .  
   
Sum freq 436 97 784 1'317  
 perc 33.1% 7.4% 59.5% 100.0%  
 p.row . . . .  
 p.col . . . .

# Access Barriers

# Summary for Question\_54: I don’t know how to get a hold of the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_54   
   
Agree freq 9 11 62 82  
 perc 0.7% 0.8% 4.7% 6.2%  
 p.row 11.0% 13.4% 75.6% .  
 p.col 2.1% 11.3% 7.9% .  
   
Disagree freq 115 22 229 366  
 perc 8.8% 1.7% 17.4% 27.9%  
 p.row 31.4% 6.0% 62.6% .  
 p.col 26.6% 22.7% 29.2% .  
   
Neutral freq 51 32 122 205  
 perc 3.9% 2.4% 9.3% 15.6%  
 p.row 24.9% 15.6% 59.5% .  
 p.col 11.8% 33.0% 15.6% .  
   
Strongly Agree freq 12 7 34 53  
 perc 0.9% 0.5% 2.6% 4.0%  
 p.row 22.6% 13.2% 64.2% .  
 p.col 2.8% 7.2% 4.3% .  
   
Strongly Disagree freq 246 25 337 608  
 perc 18.7% 1.9% 25.6% 46.3%  
 p.row 40.5% 4.1% 55.4% .  
 p.col 56.8% 25.8% 43.0% .  
   
Sum freq 433 97 784 1'314  
 perc 33.0% 7.4% 59.7% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_55: : It is inconvenient to get the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_55   
   
Agree freq 29 18 86 133  
 perc 2.2% 1.4% 6.5% 10.1%  
 p.row 21.8% 13.5% 64.7% .  
 p.col 6.7% 18.6% 10.9% .  
   
Disagree freq 95 11 221 327  
 perc 7.2% 0.8% 16.8% 24.8%  
 p.row 29.1% 3.4% 67.6% .  
 p.col 21.8% 11.3% 28.1% .  
   
Neutral freq 62 39 122 223  
 perc 4.7% 3.0% 9.2% 16.9%  
 p.row 27.8% 17.5% 54.7% .  
 p.col 14.3% 40.2% 15.5% .  
   
Strongly Agree freq 32 11 56 99  
 perc 2.4% 0.8% 4.2% 7.5%  
 p.row 32.3% 11.1% 56.6% .  
 p.col 7.4% 11.3% 7.1% .  
   
Strongly Disagree freq 217 18 302 537  
 perc 16.5% 1.4% 22.9% 40.7%  
 p.row 40.4% 3.4% 56.2% .  
 p.col 49.9% 18.6% 38.4% .  
   
Sum freq 435 97 787 1'319  
 perc 33.0% 7.4% 59.7% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_56: : There is a shortage of the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_56   
   
Agree freq 14 16 61 91  
 perc 1.1% 1.2% 4.6% 6.9%  
 p.row 15.4% 17.6% 67.0% .  
 p.col 3.2% 16.3% 7.8% .  
   
Disagree freq 133 17 245 395  
 perc 10.1% 1.3% 18.6% 30.0%  
 p.row 33.7% 4.3% 62.0% .  
 p.col 30.8% 17.3% 31.2% .  
   
Neutral freq 66 37 146 249  
 perc 5.0% 2.8% 11.1% 18.9%  
 p.row 26.5% 14.9% 58.6% .  
 p.col 15.3% 37.8% 18.6% .  
   
Strongly Agree freq 7 8 37 52  
 perc 0.5% 0.6% 2.8% 4.0%  
 p.row 13.5% 15.4% 71.2% .  
 p.col 1.6% 8.2% 4.7% .  
   
Strongly Disagree freq 212 20 297 529  
 perc 16.1% 1.5% 22.6% 40.2%  
 p.row 40.1% 3.8% 56.1% .  
 p.col 49.1% 20.4% 37.8% .  
   
Sum freq 432 98 786 1'316  
 perc 32.8% 7.4% 59.7% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_57: : The clinics/venues that provide the COVID-19 vaccine are too far away

Exposure Exposed Missing Unexposed Sum  
Question\_57   
   
Agree freq 12 11 65 88  
 perc 1.0% 0.9% 5.3% 7.1%  
 p.row 13.6% 12.5% 73.9% .  
 p.col 2.9% 12.8% 8.8% .  
   
Disagree freq 133 15 250 398  
 perc 10.8% 1.2% 20.2% 32.2%  
 p.row 33.4% 3.8% 62.8% .  
 p.col 32.4% 17.4% 33.8% .  
   
Neutral freq 52 35 118 205  
 perc 4.2% 2.8% 9.5% 16.6%  
 p.row 25.4% 17.1% 57.6% .  
 p.col 12.7% 40.7% 15.9% .  
   
Strongly Agree freq 8 7 20 35  
 perc 0.6% 0.6% 1.6% 2.8%  
 p.row 22.9% 20.0% 57.1% .  
 p.col 2.0% 8.1% 2.7% .  
   
Strongly Disagree freq 205 18 287 510  
 perc 16.6% 1.5% 23.2% 41.3%  
 p.row 40.2% 3.5% 56.3% .  
 p.col 50.0% 20.9% 38.8% .  
   
Sum freq 410 86 740 1'236  
 perc 33.2% 7.0% 59.9% 100.0%  
 p.row . . . .  
 p.col . . . .

# Information Barriers

# Summary for Question\_58: : I don’t have enough information to decide whether to take COVID-19 vaccine or no

Exposure Exposed Missing Unexposed Sum  
Question\_58   
   
Agree freq 15 12 62 89  
 perc 1.1% 0.9% 4.7% 6.8%  
 p.row 16.9% 13.5% 69.7% .  
 p.col 3.4% 12.8% 8.0% .  
   
Disagree freq 124 22 242 388  
 perc 9.5% 1.7% 18.5% 29.6%  
 p.row 32.0% 5.7% 62.4% .  
 p.col 28.3% 23.4% 31.1% .  
   
Neutral freq 61 33 123 217  
 perc 4.7% 2.5% 9.4% 16.6%  
 p.row 28.1% 15.2% 56.7% .  
 p.col 13.9% 35.1% 15.8% .  
   
Strongly Agree freq 8 5 33 46  
 perc 0.6% 0.4% 2.5% 3.5%  
 p.row 17.4% 10.9% 71.7% .  
 p.col 1.8% 5.3% 4.2% .  
   
Strongly Disagree freq 230 22 317 569  
 perc 17.6% 1.7% 24.2% 43.5%  
 p.row 40.4% 3.9% 55.7% .  
 p.col 52.5% 23.4% 40.8% .  
   
Sum freq 438 94 777 1'309  
 perc 33.5% 7.2% 59.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_59: : I am confused by the information about the COVID-19 vaccines

Exposure Exposed Missing Unexposed Sum  
Question\_59   
   
Agree freq 17 9 69 95  
 perc 1.3% 0.7% 5.3% 7.3%  
 p.row 17.9% 9.5% 72.6% .  
 p.col 3.9% 9.8% 8.8% .  
   
Disagree freq 116 20 239 375  
 perc 8.9% 1.5% 18.3% 28.7%  
 p.row 30.9% 5.3% 63.7% .  
 p.col 26.8% 21.7% 30.6% .  
   
Neutral freq 63 37 122 222  
 perc 4.8% 2.8% 9.3% 17.0%  
 p.row 28.4% 16.7% 55.0% .  
 p.col 14.5% 40.2% 15.6% .  
   
Strongly Agree freq 6 6 18 30  
 perc 0.5% 0.5% 1.4% 2.3%  
 p.row 20.0% 20.0% 60.0% .  
 p.col 1.4% 6.5% 2.3% .  
   
Strongly Disagree freq 231 20 332 583  
 perc 17.7% 1.5% 25.4% 44.7%  
 p.row 39.6% 3.4% 56.9% .  
 p.col 53.3% 21.7% 42.6% .  
   
Sum freq 433 92 780 1'305  
 perc 33.2% 7.0% 59.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_60: : I don’t know where I can get accurate information about the COVID-19 vaccines

Exposure Exposed Missing Unexposed Sum  
Question\_60   
   
Agree freq 16 8 71 95  
 perc 1.2% 0.6% 5.5% 7.3%  
 p.row 16.8% 8.4% 74.7% .  
 p.col 3.7% 8.6% 9.2% .  
   
Disagree freq 126 20 236 382  
 perc 9.7% 1.5% 18.2% 29.4%  
 p.row 33.0% 5.2% 61.8% .  
 p.col 29.2% 21.5% 30.5% .  
   
Neutral freq 54 35 109 198  
 perc 4.2% 2.7% 8.4% 15.2%  
 p.row 27.3% 17.7% 55.1% .  
 p.col 12.5% 37.6% 14.1% .  
   
Strongly Agree freq 6 7 21 34  
 perc 0.5% 0.5% 1.6% 2.6%  
 p.row 17.6% 20.6% 61.8% .  
 p.col 1.4% 7.5% 2.7% .  
   
Strongly Disagree freq 229 23 338 590  
 perc 17.6% 1.8% 26.0% 45.4%  
 p.row 38.8% 3.9% 57.3% .  
 p.col 53.1% 24.7% 43.6% .  
   
Sum freq 431 93 775 1'299  
 perc 33.2% 7.2% 59.7% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_61: : I don’t know where I can get trustworthy information about the COVID-19 vaccines

Exposure Exposed Missing Unexposed Sum  
Question\_61   
   
Agree freq 12 8 62 82  
 perc 0.9% 0.6% 4.8% 6.3%  
 p.row 14.6% 9.8% 75.6% .  
 p.col 2.8% 8.6% 8.0% .  
   
Disagree freq 123 17 248 388  
 perc 9.5% 1.3% 19.1% 29.9%  
 p.row 31.7% 4.4% 63.9% .  
 p.col 28.7% 18.3% 32.0% .  
   
Neutral freq 61 38 106 205  
 perc 4.7% 2.9% 8.2% 15.8%  
 p.row 29.8% 18.5% 51.7% .  
 p.col 14.2% 40.9% 13.7% .  
   
Strongly Agree freq 7 6 21 34  
 perc 0.5% 0.5% 1.6% 2.6%  
 p.row 20.6% 17.6% 61.8% .  
 p.col 1.6% 6.5% 2.7% .  
   
Strongly Disagree freq 226 24 338 588  
 perc 17.4% 1.9% 26.1% 45.3%  
 p.row 38.4% 4.1% 57.5% .  
 p.col 52.7% 25.8% 43.6% .  
   
Sum freq 429 93 775 1'297  
 perc 33.1% 7.2% 59.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Trust Barriers

# Summary for Question\_62: : I don’t trust vaccines in general

Exposure Exposed Missing Unexposed Sum  
Question\_62   
   
Agree freq 23 9 72 104  
 perc 1.8% 0.7% 5.5% 8.0%  
 p.row 22.1% 8.7% 69.2% .  
 p.col 5.3% 9.6% 9.2% .  
   
Disagree freq 121 18 228 367  
 perc 9.3% 1.4% 17.5% 28.1%  
 p.row 33.0% 4.9% 62.1% .  
 p.col 28.0% 19.1% 29.3% .  
   
Neutral freq 85 39 148 272  
 perc 6.5% 3.0% 11.3% 20.8%  
 p.row 31.2% 14.3% 54.4% .  
 p.col 19.7% 41.5% 19.0% .  
   
Strongly Agree freq 14 6 31 51  
 perc 1.1% 0.5% 2.4% 3.9%  
 p.row 27.5% 11.8% 60.8% .  
 p.col 3.2% 6.4% 4.0% .  
   
Strongly Disagree freq 189 22 300 511  
 perc 14.5% 1.7% 23.0% 39.2%  
 p.row 37.0% 4.3% 58.7% .  
 p.col 43.8% 23.4% 38.5% .  
   
Sum freq 432 94 779 1'305  
 perc 33.1% 7.2% 59.7% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_63: : I don’t trust the scientists/professionals who recommend the COVID-19 vaccines

Exposure Exposed Missing Unexposed Sum  
Question\_63   
   
Agree freq 22 9 64 95  
 perc 1.7% 0.7% 4.9% 7.3%  
 p.row 23.2% 9.5% 67.4% .  
 p.col 5.1% 9.9% 8.2% .  
   
Disagree freq 121 15 236 372  
 perc 9.3% 1.2% 18.2% 28.6%  
 p.row 32.5% 4.0% 63.4% .  
 p.col 28.1% 16.5% 30.3% .  
   
Neutral freq 86 38 154 278  
 perc 6.6% 2.9% 11.8% 21.4%  
 p.row 30.9% 13.7% 55.4% .  
 p.col 20.0% 41.8% 19.8% .  
   
Strongly Agree freq 10 5 26 41  
 perc 0.8% 0.4% 2.0% 3.2%  
 p.row 24.4% 12.2% 63.4% .  
 p.col 2.3% 5.5% 3.3% .  
   
Strongly Disagree freq 192 24 298 514  
 perc 14.8% 1.8% 22.9% 39.5%  
 p.row 37.4% 4.7% 58.0% .  
 p.col 44.5% 26.4% 38.3% .  
   
Sum freq 431 91 778 1'300  
 perc 33.2% 7.0% 59.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_64: : I don’t trust the government agencies that approved the COVID-19 vaccines

Exposure Exposed Missing Unexposed Sum  
Question\_64   
   
Agree freq 25 10 73 108  
 perc 1.9% 0.8% 5.6% 8.3%  
 p.row 23.1% 9.3% 67.6% .  
 p.col 5.8% 10.6% 9.4% .  
   
Disagree freq 130 17 228 375  
 perc 10.0% 1.3% 17.6% 28.9%  
 p.row 34.7% 4.5% 60.8% .  
 p.col 30.2% 18.1% 29.4% .  
   
Neutral freq 89 40 168 297  
 perc 6.9% 3.1% 12.9% 22.9%  
 p.row 30.0% 13.5% 56.6% .  
 p.col 20.7% 42.6% 21.7% .  
   
Strongly Agree freq 11 7 35 53  
 perc 0.8% 0.5% 2.7% 4.1%  
 p.row 20.8% 13.2% 66.0% .  
 p.col 2.6% 7.4% 4.5% .  
   
Strongly Disagree freq 175 20 271 466  
 perc 13.5% 1.5% 20.9% 35.9%  
 p.row 37.6% 4.3% 58.2% .  
 p.col 40.7% 21.3% 35.0% .  
   
Sum freq 430 94 775 1'299  
 perc 33.1% 7.2% 59.7% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_65: : I don’t trust the pharmaceutical companies that manufacture the COVID-19 vaccines

Exposure Exposed Missing Unexposed Sum  
Question\_65   
   
Agree freq 21 10 74 105  
 perc 1.6% 0.8% 5.7% 8.1%  
 p.row 20.0% 9.5% 70.5% .  
 p.col 4.9% 10.9% 9.6% .  
   
Disagree freq 141 22 238 401  
 perc 10.9% 1.7% 18.4% 30.9%  
 p.row 35.2% 5.5% 59.4% .  
 p.col 32.6% 23.9% 30.8% .  
   
Neutral freq 93 35 171 299  
 perc 7.2% 2.7% 13.2% 23.1%  
 p.row 31.1% 11.7% 57.2% .  
 p.col 21.5% 38.0% 22.2% .  
   
Strongly Agree freq 11 6 28 45  
 perc 0.8% 0.5% 2.2% 3.5%  
 p.row 24.4% 13.3% 62.2% .  
 p.col 2.5% 6.5% 3.6% .  
   
Strongly Disagree freq 166 19 261 446  
 perc 12.8% 1.5% 20.1% 34.4%  
 p.row 37.2% 4.3% 58.5% .  
 p.col 38.4% 20.7% 33.8% .  
   
Sum freq 432 92 772 1'296  
 perc 33.3% 7.1% 59.6% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_66: : I don’t trust media that recommend the COVID-19 vaccines

Exposure Exposed Missing Unexposed Sum  
Question\_66   
   
Agree freq 27 10 77 114  
 perc 2.1% 0.8% 5.9% 8.8%  
 p.row 23.7% 8.8% 67.5% .  
 p.col 6.2% 10.6% 9.9% .  
   
Disagree freq 137 19 233 389  
 perc 10.5% 1.5% 17.9% 29.9%  
 p.row 35.2% 4.9% 59.9% .  
 p.col 31.7% 20.2% 30.1% .  
   
Neutral freq 96 39 171 306  
 perc 7.4% 3.0% 13.2% 23.5%  
 p.row 31.4% 12.7% 55.9% .  
 p.col 22.2% 41.5% 22.1% .  
   
Strongly Agree freq 12 6 36 54  
 perc 0.9% 0.5% 2.8% 4.2%  
 p.row 22.2% 11.1% 66.7% .  
 p.col 2.8% 6.4% 4.7% .  
   
Strongly Disagree freq 160 20 257 437  
 perc 12.3% 1.5% 19.8% 33.6%  
 p.row 36.6% 4.6% 58.8% .  
 p.col 37.0% 21.3% 33.2% .  
   
Sum freq 432 94 774 1'300  
 perc 33.2% 7.2% 59.5% 100.0%  
 p.row . . . .  
 p.col . . . .

# Religious Barriers

# Summary for Question\_67: : As long as I am faithful to my God and/or my religion, I am protected from COVID-19, therefore I do not need the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_67   
   
Agree freq 28 10 75 113  
 perc 2.2% 0.8% 5.8% 8.7%  
 p.row 24.8% 8.8% 66.4% .  
 p.col 6.5% 10.9% 9.7% .  
   
Disagree freq 120 14 215 349  
 perc 9.3% 1.1% 16.6% 26.9%  
 p.row 34.4% 4.0% 61.6% .  
 p.col 28.0% 15.2% 27.8% .  
   
Neutral freq 93 38 166 297  
 perc 7.2% 2.9% 12.8% 22.9%  
 p.row 31.3% 12.8% 55.9% .  
 p.col 21.7% 41.3% 21.4% .  
   
Strongly Agree freq 19 9 61 89  
 perc 1.5% 0.7% 4.7% 6.9%  
 p.row 21.3% 10.1% 68.5% .  
 p.col 4.4% 9.8% 7.9% .  
   
Strongly Disagree freq 169 21 257 447  
 perc 13.1% 1.6% 19.8% 34.5%  
 p.row 37.8% 4.7% 57.5% .  
 p.col 39.4% 22.8% 33.2% .  
   
Sum freq 429 92 774 1'295  
 perc 33.1% 7.1% 59.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_68: : The COVID-19 vaccines’ ingredients are banned by my religion therefore I cannot get the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_68   
   
Agree freq 9 7 57 73  
 perc 0.7% 0.6% 4.5% 5.8%  
 p.row 12.3% 9.6% 78.1% .  
 p.col 2.2% 7.4% 7.6% .  
   
Disagree freq 123 17 221 361  
 perc 9.7% 1.3% 17.5% 28.6%  
 p.row 34.1% 4.7% 61.2% .  
 p.col 29.6% 18.1% 29.3% .  
   
Neutral freq 71 41 140 252  
 perc 5.6% 3.2% 11.1% 20.0%  
 p.row 28.2% 16.3% 55.6% .  
 p.col 17.1% 43.6% 18.6% .  
   
Strongly Agree freq 5 7 27 39  
 perc 0.4% 0.6% 2.1% 3.1%  
 p.row 12.8% 17.9% 69.2% .  
 p.col 1.2% 7.4% 3.6% .  
   
Strongly Disagree freq 207 22 308 537  
 perc 16.4% 1.7% 24.4% 42.6%  
 p.row 38.5% 4.1% 57.4% .  
 p.col 49.9% 23.4% 40.9% .  
   
Sum freq 415 94 753 1'262  
 perc 32.9% 7.4% 59.7% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_69: : It is better to use spiritual/holy preventive measures (e.g., holy water, holy oil, cross, holy amulets, etc.) to prevent getting sick from COVID-19 than

Exposure Exposed Missing Unexposed Sum  
Question\_69   
   
Agree freq 14 7 69 90  
 perc 1.1% 0.5% 5.3% 6.9%  
 p.row 15.6% 7.8% 76.7% .  
 p.col 3.3% 7.5% 8.9% .  
   
Disagree freq 115 18 222 355  
 perc 8.9% 1.4% 17.1% 27.4%  
 p.row 32.4% 5.1% 62.5% .  
 p.col 26.9% 19.4% 28.7% .  
   
Neutral freq 92 38 165 295  
 perc 7.1% 2.9% 12.7% 22.8%  
 p.row 31.2% 12.9% 55.9% .  
 p.col 21.5% 40.9% 21.3% .  
   
Strongly Agree freq 12 7 35 54  
 perc 0.9% 0.5% 2.7% 4.2%  
 p.row 22.2% 13.0% 64.8% .  
 p.col 2.8% 7.5% 4.5% .  
   
Strongly Disagree freq 195 23 283 501  
 perc 15.1% 1.8% 21.9% 38.7%  
 p.row 38.9% 4.6% 56.5% .  
 p.col 45.6% 24.7% 36.6% .  
   
Sum freq 428 93 774 1'295  
 perc 33.1% 7.2% 59.8% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_70: : It is better to use natural preventive methods (e.g., essential oils, other natural drinks, tonics etc.) to prevent getting infected with COVID-19 than getting the vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_70   
   
Agree freq 14 10 77 101  
 perc 1.1% 0.8% 6.2% 8.1%  
 p.row 13.9% 9.9% 76.2% .  
 p.col 3.4% 10.8% 10.3% .  
   
Disagree freq 110 13 211 334  
 perc 8.8% 1.0% 17.0% 26.9%  
 p.row 32.9% 3.9% 63.2% .  
 p.col 27.1% 14.0% 28.4% .  
   
Neutral freq 93 41 156 290  
 perc 7.5% 3.3% 12.6% 23.3%  
 p.row 32.1% 14.1% 53.8% .  
 p.col 22.9% 44.1% 21.0% .  
   
Strongly Agree freq 12 8 29 49  
 perc 1.0% 0.6% 2.3% 3.9%  
 p.row 24.5% 16.3% 59.2% .  
 p.col 3.0% 8.6% 3.9% .  
   
Strongly Disagree freq 177 21 271 469  
 perc 14.2% 1.7% 21.8% 37.7%  
 p.row 37.7% 4.5% 57.8% .  
 p.col 43.6% 22.6% 36.4% .  
   
Sum freq 406 93 744 1'243  
 perc 32.7% 7.5% 59.9% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_71: : It is better to get sick of COVID-19 and for your body to fight it off, building natural immunity than getting the vaccine rinks, tonics etc.) to prevent getting infected with COVID-19 than getting the vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_71   
   
Agree freq 21 9 63 93  
 perc 1.6% 0.7% 4.9% 7.2%  
 p.row 22.6% 9.7% 67.7% .  
 p.col 4.9% 9.9% 8.2% .  
   
Disagree freq 100 12 213 325  
 perc 7.8% 0.9% 16.6% 25.3%  
 p.row 30.8% 3.7% 65.5% .  
 p.col 23.5% 13.2% 27.7% .  
   
Neutral freq 85 39 150 274  
 perc 6.6% 3.0% 11.7% 21.3%  
 p.row 31.0% 14.2% 54.7% .  
 p.col 20.0% 42.9% 19.5% .  
   
Strongly Agree freq 16 10 39 65  
 perc 1.2% 0.8% 3.0% 5.1%  
 p.row 24.6% 15.4% 60.0% .  
 p.col 3.8% 11.0% 5.1% .  
   
Strongly Disagree freq 203 21 305 529  
 perc 15.8% 1.6% 23.7% 41.1%  
 p.row 38.4% 4.0% 57.7% .  
 p.col 47.8% 23.1% 39.6% .  
   
Sum freq 425 91 770 1'286  
 perc 33.0% 7.1% 59.9% 100.0%  
 p.row . . . .  
 p.col . . . .

#————————————–SECTION5—————————————————#

# Summary for Question\_72: : I am willing to get vaccinated if The CDC/ local health department recommended us to get the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_72   
   
Agree freq 162 20 347 529  
 perc 12.2% 1.5% 26.2% 40.0%  
 p.row 30.6% 3.8% 65.6% .  
 p.col 37.2% 21.7% 43.6% .  
   
Disagree freq 18 3 34 55  
 perc 1.4% 0.2% 2.6% 4.2%  
 p.row 32.7% 5.5% 61.8% .  
 p.col 4.1% 3.3% 4.3% .  
   
Neutral freq 77 41 128 246  
 perc 5.8% 3.1% 9.7% 18.6%  
 p.row 31.3% 16.7% 52.0% .  
 p.col 17.7% 44.6% 16.1% .  
   
Strongly Agree freq 143 20 236 399  
 perc 10.8% 1.5% 17.8% 30.1%  
 p.row 35.8% 5.0% 59.1% .  
 p.col 32.8% 21.7% 29.6% .  
   
Strongly Disagree freq 36 8 51 95  
 perc 2.7% 0.6% 3.9% 7.2%  
 p.row 37.9% 8.4% 53.7% .  
 p.col 8.3% 8.7% 6.4% .  
   
Sum freq 436 92 796 1'324  
 perc 32.9% 6.9% 60.1% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_73: : I am willing to get vaccinated if My health care provider recommended me to get the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_73   
   
Agree freq 173 23 333 529  
 perc 13.1% 1.7% 25.2% 40.0%  
 p.row 32.7% 4.3% 62.9% .  
 p.col 39.6% 25.0% 42.0% .  
   
Disagree freq 21 5 44 70  
 perc 1.6% 0.4% 3.3% 5.3%  
 p.row 30.0% 7.1% 62.9% .  
 p.col 4.8% 5.4% 5.6% .  
   
Neutral freq 77 40 120 237  
 perc 5.8% 3.0% 9.1% 17.9%  
 p.row 32.5% 16.9% 50.6% .  
 p.col 17.6% 43.5% 15.2% .  
   
Strongly Agree freq 137 20 240 397  
 perc 10.4% 1.5% 18.2% 30.1%  
 p.row 34.5% 5.0% 60.5% .  
 p.col 31.4% 21.7% 30.3% .  
   
Strongly Disagree freq 29 4 55 88  
 perc 2.2% 0.3% 4.2% 6.7%  
 p.row 33.0% 4.5% 62.5% .  
 p.col 6.6% 4.3% 6.9% .  
   
Sum freq 437 92 792 1'321  
 perc 33.1% 7.0% 60.0% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_74: : I am willing to get vaccinated if My nurse recommended me to get the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_74   
   
Agree freq 155 24 314 493  
 perc 11.8% 1.8% 24.0% 37.6%  
 p.row 31.4% 4.9% 63.7% .  
 p.col 36.0% 26.1% 39.8% .  
   
Disagree freq 36 7 64 107  
 perc 2.7% 0.5% 4.9% 8.2%  
 p.row 33.6% 6.5% 59.8% .  
 p.col 8.4% 7.6% 8.1% .  
   
Neutral freq 82 39 155 276  
 perc 6.3% 3.0% 11.8% 21.1%  
 p.row 29.7% 14.1% 56.2% .  
 p.col 19.1% 42.4% 19.6% .  
   
Strongly Agree freq 121 18 199 338  
 perc 9.2% 1.4% 15.2% 25.8%  
 p.row 35.8% 5.3% 58.9% .  
 p.col 28.1% 19.6% 25.2% .  
   
Strongly Disagree freq 36 4 57 97  
 perc 2.7% 0.3% 4.3% 7.4%  
 p.row 37.1% 4.1% 58.8% .  
 p.col 8.4% 4.3% 7.2% .  
   
Sum freq 430 92 789 1'311  
 perc 32.8% 7.0% 60.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_75: : I am willing to get vaccinated if My spiritual advisor (such as pastor/priest/rabbi/imam) recommended me to get the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_75   
   
Agree freq 144 22 290 456  
 perc 10.9% 1.7% 22.0% 34.6%  
 p.row 31.6% 4.8% 63.6% .  
 p.col 33.3% 24.2% 36.5% .  
   
Disagree freq 31 4 61 96  
 perc 2.4% 0.3% 4.6% 7.3%  
 p.row 32.3% 4.2% 63.5% .  
 p.col 7.2% 4.4% 7.7% .  
   
Neutral freq 97 40 183 320  
 perc 7.4% 3.0% 13.9% 24.3%  
 p.row 30.3% 12.5% 57.2% .  
 p.col 22.4% 44.0% 23.0% .  
   
Strongly Agree freq 120 18 203 341  
 perc 9.1% 1.4% 15.4% 25.9%  
 p.row 35.2% 5.3% 59.5% .  
 p.col 27.7% 19.8% 25.6% .  
   
Strongly Disagree freq 41 7 57 105  
 perc 3.1% 0.5% 4.3% 8.0%  
 p.row 39.0% 6.7% 54.3% .  
 p.col 9.5% 7.7% 7.2% .  
   
Sum freq 433 91 794 1'318  
 perc 32.9% 6.9% 60.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_76: : I am willing to get vaccinated if My family members recommended me to get the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_76   
   
Agree freq 167 24 339 530  
 perc 12.6% 1.8% 25.7% 40.1%  
 p.row 31.5% 4.5% 64.0% .  
 p.col 38.5% 25.8% 42.7% .  
   
Disagree freq 21 2 48 71  
 perc 1.6% 0.2% 3.6% 5.4%  
 p.row 29.6% 2.8% 67.6% .  
 p.col 4.8% 2.2% 6.0% .  
   
Neutral freq 88 43 152 283  
 perc 6.7% 3.3% 11.5% 21.4%  
 p.row 31.1% 15.2% 53.7% .  
 p.col 20.3% 46.2% 19.1% .  
   
Strongly Agree freq 127 20 195 342  
 perc 9.6% 1.5% 14.8% 25.9%  
 p.row 37.1% 5.8% 57.0% .  
 p.col 29.3% 21.5% 24.6% .  
   
Strongly Disagree freq 31 4 60 95  
 perc 2.3% 0.3% 4.5% 7.2%  
 p.row 32.6% 4.2% 63.2% .  
 p.col 7.1% 4.3% 7.6% .  
   
Sum freq 434 93 794 1'321  
 perc 32.9% 7.0% 60.1% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_77: : I am willing to get vaccinated if My colleagues/co-workers recommended me to get the COVID-19 vaccine

Exposure Exposed Missing Unexposed Sum  
Question\_77   
   
Agree freq 149 22 308 479  
 perc 11.3% 1.7% 23.4% 36.4%  
 p.row 31.1% 4.6% 64.3% .  
 p.col 34.7% 24.2% 38.7% .  
   
Disagree freq 34 6 71 111  
 perc 2.6% 0.5% 5.4% 8.4%  
 p.row 30.6% 5.4% 64.0% .  
 p.col 7.9% 6.6% 8.9% .  
   
Neutral freq 109 43 180 332  
 perc 8.3% 3.3% 13.7% 25.2%  
 p.row 32.8% 13.0% 54.2% .  
 p.col 25.3% 47.3% 22.6% .  
   
Strongly Agree freq 100 16 166 282  
 perc 7.6% 1.2% 12.6% 21.4%  
 p.row 35.5% 5.7% 58.9% .  
 p.col 23.3% 17.6% 20.9% .  
   
Strongly Disagree freq 38 4 71 113  
 perc 2.9% 0.3% 5.4% 8.6%  
 p.row 33.6% 3.5% 62.8% .  
 p.col 8.8% 4.4% 8.9% .  
   
Sum freq 430 91 796 1'317  
 perc 32.6% 6.9% 60.4% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for Question\_78: : I am willing to get vaccinated if…- I need to learn more about COVID-19 vaccination, its side effects, benefits, and future implications

Exposure Exposed Missing Unexposed Sum  
Question\_78   
   
Agree freq 151 23 316 490  
 perc 11.4% 1.7% 23.9% 37.0%  
 p.row 30.8% 4.7% 64.5% .  
 p.col 34.8% 25.0% 39.6% .  
   
Disagree freq 29 3 46 78  
 perc 2.2% 0.2% 3.5% 5.9%  
 p.row 37.2% 3.8% 59.0% .  
 p.col 6.7% 3.3% 5.8% .  
   
Neutral freq 104 48 176 328  
 perc 7.9% 3.6% 13.3% 24.8%  
 p.row 31.7% 14.6% 53.7% .  
 p.col 24.0% 52.2% 22.1% .  
   
Strongly Agree freq 123 15 202 340  
 perc 9.3% 1.1% 15.3% 25.7%  
 p.row 36.2% 4.4% 59.4% .  
 p.col 28.3% 16.3% 25.3% .  
   
Strongly Disagree freq 27 3 57 87  
 perc 2.0% 0.2% 4.3% 6.6%  
 p.row 31.0% 3.4% 65.5% .  
 p.col 6.2% 3.3% 7.2% .  
   
Sum freq 434 92 797 1'323  
 perc 32.8% 7.0% 60.2% 100.0%  
 p.row . . . .  
 p.col . . . .

# Summary for data\_source: pen and paper or qualtrics

Exposure Exposed Missing Unexposed Sum  
data\_source   
   
Pen and Paper survey freq 108 135 211 454  
 perc 7.0% 8.7% 13.7% 29.4%  
 p.row 23.8% 29.7% 46.5% .  
 p.col 21.8% 71.8% 24.5% .  
   
Qualtrics freq 387 53 649 1'089  
 perc 25.1% 3.4% 42.1% 70.6%  
 p.row 35.5% 4.9% 59.6% .  
 p.col 78.2% 28.2% 75.5% .  
   
Sum freq 495 188 860 1'543  
 perc 32.1% 12.2% 55.7% 100.0%  
 p.row . . . .  
 p.col . . . .