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 ...  
 $ 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

#At risk Variable

1 2 3   
575 308 501

## Removing clear outliers from continuous variables

1 2 3+   
92 34 32

1 2 3+   
138 43 50

1 2 3+   
135 58 47

1 2 3+   
134 43 23

1 2 3+   
134 43 23

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27   
17 1 6 2 6 1 7 1 2 5 9 1 4 6 6 6 1 4 1 5 7 5 4 3 4 2   
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53   
 2 5 9 9 2 4 2 8 7 4 7 7 7 7 13 8 8 13 5 6 8 3 10 9 14 6   
54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 77 78 79 80 83   
 7 9 5 4 3 10 3 10 12 8 14 9 8 5 8 1 10 5 1 1 6 1 2 3 2 1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19   
 4 23 16 17 25 19 25 14 24 18 13 7 107 5 5 10 4 3 10 2   
 20 22 23 24 25 28 29 30 31 32 36 37 38   
 3 2 2 38 1 1 1 1 1 3 7 1 2

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 27 28   
 2 1 2 1 1 4 4 3 6 10 4 1 1 6 4 7 4 2 3 1 3 1 2 2 4 5   
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54   
 3 6 3 2 1 2 3 3 1 2 1 3 6 6 4 7 4 2 1 3 3 5 7 1 5 2   
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 75 77 78 81 87   
 4 4 1 2 1 4 9 2 1 2 2 1 1 1 1 1 1 1 1 1 1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 24 32 36   
14 6 10 11 8 11 7 4 9 11 3 67 3 3 3 2 1 5 2 2 14 1 1

1 3 4 5 6 7 10 11 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30   
 1 1 2 2 1 2 2 2 7 1 3 1 2 3 2 5 2 2 1 2 2 4 4 2 1 2   
32 33 34 35 36 37 38 40 41 42 43 44 45 47 48 49 54 55 56 60 61 67 70 75 77 83   
 2 2 1 1 1 2 3 5 3 2 1 1 2 1 1 2 1 1 3 2 1 1 2 1 1 1   
84   
 1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 17 18 19 20 24 36   
 5 5 2 2 6 6 6 3 6 4 2 29 1 1 1 1 7 1 1 5 1

4 8 9 11 12 13 14 16 17 18 20 22 26 28 29 30 31 33 36 37 38 39 41 42 43 46   
 2 1 2 2 2 1 3 1 1 2 1 2 1 1 1 1 4 1 1 1 3 3 2 1 1 3   
57 60 71 72 86   
 1 1 1 1 1

1 3 4 5 6 7 8 9 10 11 12 16 18 20 24 36   
 2 3 1 2 3 2 3 2 2 1 13 2 2 1 3 1

2 4 7 15 16 17 18 33 34 40 41 46 47 52 69 72 91   
 1 1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1

1 2 3 5 8 9 11 12 20 26   
 1 1 1 2 2 1 1 3 1 1

0 1 2 3 4 5 6 7   
920 432 148 34 8 4 1 1

At Risk Neutral Not At Risk   
 410 242 407

At Risk Neutral Not At Risk   
 743 123 159

At Risk Neutral Not At Risk   
 375 270 374

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

# Summary for zip

freq perc  
   
\* 42 2.7%  
21705 1 0.1%  
30014 2 0.1%  
30034 1 0.1%  
30038 2 0.1%  
30058 2 0.1%  
30068 2 0.1%  
30094 1 0.1%  
30132 1 0.1%  
30135 1 0.1%  
30141 1 0.1%  
30157 1 0.1%  
30165 1 0.1%  
30204 1 0.1%  
30224 1 0.1%  
30228 1 0.1%  
30236 1 0.1%  
30237 1 0.1%  
30248 1 0.1%  
30253 3 0.2%  
30260 1 0.1%  
30263 1 0.1%  
30274 1 0.1%  
30294 1 0.1%  
30312 1 0.1%  
30314 1 0.1%  
30316 1 0.1%  
30318 1 0.1%  
30331 2 0.1%  
30606 1 0.1%  
30809 1 0.1%  
30815 1 0.1%  
30901 1 0.1%  
30909 1 0.1%  
31015 1 0.1%  
3105 1 0.1%  
31069 1 0.1%  
31075 2 0.1%  
31076 1 0.1%  
31206 1 0.1%  
31220 1 0.1%  
31607 1 0.1%  
31629 1 0.1%  
31701 381 24.6%  
31702 2 0.1%  
31703 3 0.2%  
31704 2 0.1%  
31705 447 28.9%  
31706 1 0.1%  
31707 276 17.8%  
31708 3 0.2%  
31709 4 0.3%  
31715 1 0.1%  
31716 1 0.1%  
31719 1 0.1%  
31721 204 13.2%  
31722 1 0.1%  
31725 1 0.1%  
31730 5 0.3%  
31750 1 0.1%  
317607 1 0.1%  
31763 61 3.9%  
31768 5 0.3%  
31779 1 0.1%  
31787 1 0.1%  
31788 1 0.1%  
31791 10 0.6%  
31821 1 0.1%  
31825 2 0.1%  
31907 1 0.1%  
32218 1 0.1%  
32226 1 0.1%  
32310 1 0.1%  
32771 1 0.1%  
33617 1 0.1%  
36303 1 0.1%  
38942 1 0.1%  
39038 2 0.1%  
39813 1 0.1%  
39823 1 0.1%  
39842 8 0.5%  
39845 1 0.1%  
39846 1 0.1%  
39851 1 0.1%  
39861 3 0.2%  
39862 3 0.2%  
39866 1 0.1%  
39870 6 0.4%  
39885 1 0.1%  
80920 1 0.1%  
8755 1 0.1%

# Summary for gender

freq perc  
   
\* 31 2.0%  
1 502 32.4%  
2 1'013 65.4%  
3 2 0.1%

# Summary for age

freq perc  
   
\* 232 15.0%  
1 254 16.4%  
2 182 11.8%  
3 40 2.6%  
4 224 14.5%  
5 287 18.5%  
6 264 17.1%  
7 65 4.2%

# Summary for race

freq perc  
   
\* 33 2.1%  
1 1'445 93.3%  
2 45 2.9%  
3 8 0.5%  
4 6 0.4%  
5 1 0.1%  
6 10 0.6%

# Summary for Education

freq perc  
   
\* 393 25.4%  
1 146 9.4%  
2 872 56.3%  
3 137 8.9%

# Summary for Language

freq perc  
   
\* 65 4.2%  
1 1'472 95.1%  
2 6 0.4%  
3 4 0.3%  
4 1 0.1%

# Summary for Income

freq perc  
   
\* 69 4.5%  
1 595 38.4%  
2 539 34.8%  
3 265 17.1%  
4 80 5.2%

# Summary for Family\_household

freq perc  
   
\* 119 7.7%  
1 413 26.7%  
12 1 0.1%  
2 432 27.9%  
3 275 17.8%  
4 178 11.5%  
5 115 7.4%  
6 14 0.9%  
8 1 0.1%

# Summary for Children

freq perc  
   
\* 68 4.4%  
1 452 29.2%  
2 1'027 66.3%  
8 1 0.1%

# Summary for number of children below 5 years old

freq perc  
   
\* 1'390 89.8%  
0 16 1.0%  
1 92 5.9%  
2 34 2.2%  
3 9 0.6%  
4 3 0.2%  
5 2 0.1%  
6 1 0.1%  
7 1 0.1%

# Summary for number of children between 5-11

freq perc  
   
\* 1'317 85.1%  
0 15 1.0%  
1 138 8.9%  
10 4 0.3%  
11 1 0.1%  
2 43 2.8%  
3 15 1.0%  
4 5 0.3%  
5 1 0.1%  
6 3 0.2%  
7 3 0.2%  
8 1 0.1%  
9 2 0.1%

# Summary for number of children between 12-17

freq perc  
   
\* 1'308 84.5%  
0 12 0.8%  
1 135 8.7%  
12 2 0.1%  
13 2 0.1%  
1317 1 0.1%  
14 1 0.1%  
15 2 0.1%  
17 2 0.1%  
2 58 3.7%  
3 12 0.8%  
4 3 0.2%  
5 3 0.2%  
7 7 0.5%

# Summary for elderly family members

freq perc  
   
\* 119 7.7%  
1 291 18.8%  
2 1'138 73.5%

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

freq perc  
   
\* 1'348 87.1%  
0 14 0.9%  
1 134 8.7%  
15 1 0.1%  
2 43 2.8%  
3 3 0.2%  
4 1 0.1%  
65 1 0.1%  
67 1 0.1%  
70 1 0.1%  
8 1 0.1%

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

freq perc  
   
\* 1'445 93.3%  
0 14 0.9%  
1 73 4.7%  
15 1 0.1%  
2 11 0.7%  
3 1 0.1%  
79 1 0.1%  
92 1 0.1%  
93 1 0.1%

# Summary for health insurance

freq perc  
   
\* 199 12.9%  
1 312 20.2%  
2 285 18.4%  
3 48 3.1%  
4 76 4.9%  
5 319 20.6%  
6 207 13.4%  
7 102 6.6%

# Summary for participants with cancer

freq perc  
   
0 1'513 97.7%  
1 35 2.3%

# Summary for participants with severe allergies

freq perc  
   
0 1'457 94.1%  
1 91 5.9%

# Summary for participants with seizures

freq perc  
   
0 1'535 99.2%  
1 13 0.8%

# Summary for participants with obesity

freq perc  
   
0 1'380 89.1%  
1 168 10.9%

# Summary for participants with cardiovascular disease

freq perc  
   
0 1'500 96.9%  
1 48 3.1%

# Summary for participants with Rheumatological

freq perc  
   
0 1'460 94.3%  
1 88 5.7%

# Summary for participants with pulmonary disease

freq perc  
   
0 1'487 96.1%  
1 61 3.9%

# Summary for participants with diabetes

freq perc  
   
0 1'290 83.3%  
1 257 16.6%  
2 1 0.1%

# Summary for participants who are in an immunocompromised state

freq perc  
   
0 1'534 99.1%  
1 14 0.9%

# Summary for participants who are pregnant

freq perc  
   
0 1'535 99.2%  
1 13 0.8%

# Summary for participants who are other

freq perc  
   
0 1'443 93.2%  
1 105 6.8%

# Summary for participants who have no health conditions

freq perc  
   
\* 864 55.8%  
1 684 44.2%

#————————————–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?

freq perc  
   
\* 125 8.1%  
1 496 32.0%  
2 863 55.7%  
3 43 2.8%  
4 21 1.4%

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

freq perc  
   
\* 1'099 71.0%  
1 241 15.6%  
2 109 7.0%  
3 55 3.6%  
4 36 2.3%  
5 5 0.3%  
59 1 0.1%  
62 1 0.1%  
82 1 0.1%

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

freq perc  
   
\* 1'100 71.1%  
1 17 1.1%  
10 5 0.3%  
11 9 0.6%  
12 1 0.1%  
13 4 0.3%  
14 6 0.4%  
15 6 0.4%  
16 6 0.4%  
17 1 0.1%  
18 4 0.3%  
19 1 0.1%  
2 1 0.1%  
20 5 0.3%  
21 7 0.5%  
22 5 0.3%  
23 4 0.3%  
24 3 0.2%  
25 4 0.3%  
27 2 0.1%  
28 2 0.1%  
29 5 0.3%  
3 6 0.4%  
30 9 0.6%  
31 9 0.6%  
32 2 0.1%  
33 4 0.3%  
34 2 0.1%  
35 8 0.5%  
36 7 0.5%  
37 4 0.3%  
38 7 0.5%  
39 7 0.5%  
4 2 0.1%  
40 7 0.5%  
41 7 0.5%  
42 13 0.8%  
43 8 0.5%  
44 8 0.5%  
45 13 0.8%  
46 5 0.3%  
47 6 0.4%  
48 8 0.5%  
49 3 0.2%  
5 6 0.4%  
50 10 0.6%  
51 9 0.6%  
52 14 0.9%  
53 6 0.4%  
54 7 0.5%  
55 9 0.6%  
56 5 0.3%  
57 4 0.3%  
58 3 0.2%  
59 10 0.6%  
6 1 0.1%  
60 3 0.2%  
605 1 0.1%  
61 10 0.6%  
62 12 0.8%  
63 8 0.5%  
64 14 0.9%  
65 9 0.6%  
66 8 0.5%  
67 5 0.3%  
68 8 0.5%  
69 1 0.1%  
7 7 0.5%  
70 10 0.6%  
71 5 0.3%  
72 1 0.1%  
73 1 0.1%  
74 6 0.4%  
77 1 0.1%  
78 2 0.1%  
79 3 0.2%  
8 1 0.1%  
80 2 0.1%  
83 1 0.1%  
9 2 0.1%

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

freq perc  
   
\* 1'129 72.9%  
0 4 0.3%  
1 23 1.5%  
10 13 0.8%  
11 7 0.5%  
12 107 6.9%  
13 5 0.3%  
14 5 0.3%  
15 10 0.6%  
16 4 0.3%  
17 3 0.2%  
18 10 0.6%  
19 2 0.1%  
2 16 1.0%  
20 3 0.2%  
2020 1 0.1%  
2022 1 0.1%  
22 2 0.1%  
23 2 0.1%  
24 38 2.5%  
25 1 0.1%  
260 1 0.1%  
28 1 0.1%  
29 1 0.1%  
3 17 1.1%  
30 1 0.1%  
31 1 0.1%  
32 3 0.2%  
36 7 0.5%  
37 1 0.1%  
38 2 0.1%  
4 25 1.6%  
5 19 1.2%  
6 25 1.6%  
60 1 0.1%  
7 14 0.9%  
72 1 0.1%  
8 24 1.6%  
9 18 1.2%

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

freq perc  
   
\* 1'336 86.3%  
1 2 0.1%  
10 10 0.6%  
11 4 0.3%  
12 1 0.1%  
13 1 0.1%  
14 6 0.4%  
15 4 0.3%  
16 7 0.5%  
17 4 0.3%  
18 2 0.1%  
2 1 0.1%  
20 3 0.2%  
21 1 0.1%  
22 3 0.2%  
23 1 0.1%  
24 2 0.1%  
25 2 0.1%  
27 4 0.3%  
28 5 0.3%  
29 3 0.2%  
3 2 0.1%  
30 6 0.4%  
31 3 0.2%  
32 2 0.1%  
33 1 0.1%  
34 2 0.1%  
35 3 0.2%  
36 3 0.2%  
37 1 0.1%  
38 2 0.1%  
39 1 0.1%  
4 1 0.1%  
40 3 0.2%  
41 6 0.4%  
42 6 0.4%  
43 4 0.3%  
44 7 0.5%  
45 4 0.3%  
46 2 0.1%  
47 1 0.1%  
48 3 0.2%  
49 3 0.2%  
5 1 0.1%  
50 5 0.3%  
51 7 0.5%  
52 1 0.1%  
53 5 0.3%  
54 2 0.1%  
55 4 0.3%  
56 4 0.3%  
57 1 0.1%  
58 2 0.1%  
59 1 0.1%  
6 4 0.3%  
60 4 0.3%  
61 9 0.6%  
62 2 0.1%  
63 1 0.1%  
64 2 0.1%  
65 2 0.1%  
66 1 0.1%  
67 1 0.1%  
68 1 0.1%  
69 1 0.1%  
7 4 0.3%  
70 1 0.1%  
75 1 0.1%  
77 1 0.1%  
78 1 0.1%  
8 3 0.2%  
81 1 0.1%  
87 1 0.1%  
9 6 0.4%

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

freq perc  
   
\* 1'347 87.0%  
1 14 0.9%  
10 11 0.7%  
11 3 0.2%  
12 67 4.3%  
13 3 0.2%  
14 3 0.2%  
15 3 0.2%  
16 2 0.1%  
17 1 0.1%  
18 5 0.3%  
2 6 0.4%  
20 2 0.1%  
2020 2 0.1%  
2021 1 0.1%  
21 2 0.1%  
24 14 0.9%  
3 10 0.6%  
32 1 0.1%  
36 1 0.1%  
4 11 0.7%  
5 8 0.5%  
6 11 0.7%  
7 7 0.5%  
8 4 0.3%  
9 9 0.6%

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

freq perc  
   
\* 1'444 93.3%  
1 1 0.1%  
10 2 0.1%  
11 2 0.1%  
12 7 0.5%  
13 1 0.1%  
14 3 0.2%  
15 1 0.1%  
16 2 0.1%  
17 3 0.2%  
18 2 0.1%  
19 5 0.3%  
20 2 0.1%  
22 2 0.1%  
23 1 0.1%  
24 2 0.1%  
25 2 0.1%  
26 4 0.3%  
27 4 0.3%  
28 2 0.1%  
29 1 0.1%  
3 1 0.1%  
30 2 0.1%  
32 2 0.1%  
33 2 0.1%  
34 1 0.1%  
35 1 0.1%  
36 1 0.1%  
37 2 0.1%  
38 3 0.2%  
4 2 0.1%  
40 5 0.3%  
41 3 0.2%  
42 2 0.1%  
43 1 0.1%  
44 1 0.1%  
45 2 0.1%  
47 1 0.1%  
48 1 0.1%  
49 2 0.1%  
5 2 0.1%  
54 1 0.1%  
55 1 0.1%  
56 3 0.2%  
6 1 0.1%  
60 2 0.1%  
61 1 0.1%  
67 1 0.1%  
7 2 0.1%  
70 2 0.1%  
75 1 0.1%  
77 1 0.1%  
83 1 0.1%  
84 1 0.1%

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

freq perc  
   
\* 1'452 93.8%  
1 5 0.3%  
10 4 0.3%  
11 2 0.1%  
12 29 1.9%  
13 1 0.1%  
14 1 0.1%  
15 1 0.1%  
17 1 0.1%  
18 7 0.5%  
19 1 0.1%  
2 5 0.3%  
20 1 0.1%  
2021 1 0.1%  
24 5 0.3%  
3 2 0.1%  
36 1 0.1%  
4 2 0.1%  
5 6 0.4%  
6 6 0.4%  
7 6 0.4%  
8 3 0.2%  
9 6 0.4%

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

freq perc  
   
\* 1'499 96.8%  
11 2 0.1%  
12 2 0.1%  
13 1 0.1%  
14 3 0.2%  
16 1 0.1%  
17 1 0.1%  
18 2 0.1%  
20 1 0.1%  
22 2 0.1%  
26 1 0.1%  
28 1 0.1%  
29 1 0.1%  
30 1 0.1%  
31 4 0.3%  
33 1 0.1%  
36 1 0.1%  
37 1 0.1%  
38 3 0.2%  
39 3 0.2%  
4 2 0.1%  
41 2 0.1%  
42 1 0.1%  
43 1 0.1%  
46 3 0.2%  
57 1 0.1%  
60 1 0.1%  
71 1 0.1%  
72 1 0.1%  
8 1 0.1%  
86 1 0.1%  
9 2 0.1%

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

freq perc  
   
\* 1'504 97.2%  
1 2 0.1%  
10 2 0.1%  
11 1 0.1%  
12 13 0.8%  
16 2 0.1%  
18 2 0.1%  
20 1 0.1%  
2021 1 0.1%  
24 3 0.2%  
3 3 0.2%  
36 1 0.1%  
4 1 0.1%  
5 2 0.1%  
6 3 0.2%  
7 2 0.1%  
8 3 0.2%  
9 2 0.1%

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

freq perc  
   
\* 1'529 98.8%  
15 1 0.1%  
16 2 0.1%  
17 1 0.1%  
18 1 0.1%  
2 1 0.1%  
33 2 0.1%  
34 1 0.1%  
4 1 0.1%  
40 1 0.1%  
41 1 0.1%  
46 1 0.1%  
47 1 0.1%  
52 1 0.1%  
69 1 0.1%  
7 1 0.1%  
72 1 0.1%  
91 1 0.1%

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

freq perc  
   
\* 1'534 99.1%  
1 1 0.1%  
11 1 0.1%  
12 3 0.2%  
2 1 0.1%  
20 1 0.1%  
26 1 0.1%  
3 1 0.1%  
5 2 0.1%  
8 2 0.1%  
9 1 0.1%

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

freq perc  
   
\* 1'258 81.3%  
1 290 18.7%

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

freq perc  
   
\* 1'231 79.5%  
1 317 20.5%

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

freq perc  
   
\* 1'371 88.6%  
1 177 11.4%

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

freq perc  
   
\* 1'302 84.1%  
1 246 15.9%

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

freq perc  
   
\* 1'306 84.4%  
1 242 15.6%

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

freq perc  
   
\* 1'306 84.4%  
1 242 15.6%

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

freq perc  
   
\* 1'374 88.8%  
1 174 11.2%

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

freq perc  
   
\* 1'343 86.8%  
1 205 13.2%

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

freq perc  
   
\* 1'316 85.0%  
1 232 15.0%

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

freq perc  
   
\* 1'442 93.2%  
1 106 6.8%

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

freq perc  
   
\* 1'442 93.2%  
1 106 6.8%

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

freq perc  
   
\* 1'504 97.2%  
1 44 2.8%

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

freq perc  
   
\* 1'532 99.0%  
1 15 1.0%  
5 1 0.1%

# Summary for Question\_14: Describe your symptoms

freq perc  
   
\* 1'545 99.8%  
4 1 0.1%  
5 2 0.1%

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

freq perc  
   
\* 164 10.6%  
1 290 18.7%  
2 285 18.4%  
3 308 19.9%  
4 307 19.8%  
5 194 12.5%

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

freq perc  
   
\* 489 31.6%  
1 212 13.7%  
2 195 12.6%  
3 242 15.6%  
4 278 18.0%  
5 132 8.5%

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

freq perc  
   
\* 523 33.8%  
1 93 6.0%  
2 66 4.3%  
3 123 7.9%  
4 416 26.9%  
5 327 21.1%

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

freq perc  
   
\* 529 34.2%  
1 183 11.8%  
2 191 12.3%  
3 270 17.4%  
4 264 17.1%  
5 111 7.2%

# 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?

freq perc  
   
\* 68 4.4%  
1 1'169 75.5%  
2 140 9.0%  
3 150 9.7%  
4 21 1.4%

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

freq perc  
   
\* 465 30.0%  
1 1'082 69.9%  
2 1 0.1%

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

freq perc  
   
\* 553 35.7%  
1 995 64.3%

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

freq perc  
   
\* 822 53.1%  
1 726 46.9%

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

freq perc  
   
\* 559 36.1%  
1 989 63.9%

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

freq perc  
   
\* 634 41.0%  
1 912 58.9%  
2 2 0.1%

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

freq perc  
   
\* 608 39.3%  
1 940 60.7%

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

freq perc  
   
\* 641 41.4%  
1 907 58.6%

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

freq perc  
   
\* 597 38.6%  
1 951 61.4%

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

freq perc  
   
\* 136 8.8%  
1 1'358 87.7%  
2 32 2.1%  
3 15 1.0%  
4 7 0.5%

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

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

freq perc  
   
\* 61 3.9%  
1 1'342 86.7%  
2 105 6.8%  
3 31 2.0%  
4 9 0.6%

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

freq perc  
   
\* 205 13.2%  
1 1'337 86.4%  
2 4 0.3%  
3 1 0.1%  
4 1 0.1%

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

freq perc  
   
\* 71 4.6%  
1 1'301 84.0%  
2 142 9.2%  
3 22 1.4%  
4 12 0.8%

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

freq perc  
   
\* 117 7.6%  
1 541 34.9%  
2 890 57.5%

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

freq perc  
   
\* 1'095 70.7%  
1 89 5.7%  
2 364 23.5%

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

freq perc  
   
\* 719 46.4%  
1 668 43.2%  
2 160 10.3%  
3 1 0.1%

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

freq perc  
   
\* 1'394 90.1%  
1 55 3.6%  
2 40 2.6%  
3 54 3.5%  
4 5 0.3%

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

freq perc  
   
\* 1'364 88.1%  
1 165 10.7%  
2 19 1.2%

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

freq perc  
   
\* 1'365 88.2%  
1 178 11.5%  
13 1 0.1%  
3 4 0.3%

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

freq perc  
   
\* 1'426 92.1%  
1 117 7.6%  
13 1 0.1%  
3 4 0.3%

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

freq perc  
   
\* 1'377 89.0%  
1 165 10.7%  
13 1 0.1%  
2 1 0.1%  
3 4 0.3%

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

freq perc  
   
\* 1'079 69.7%  
1 463 29.9%  
13 1 0.1%  
3 5 0.3%

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

freq perc  
   
\* 1'062 68.6%  
1 479 30.9%  
13 1 0.1%  
2 1 0.1%  
3 4 0.3%  
8 1 0.1%

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

freq perc  
   
\* 1'401 90.5%  
1 142 9.2%  
13 1 0.1%  
3 4 0.3%

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

freq perc  
   
\* 1'539 99.4%  
1 8 0.5%  
2 1 0.1%

# 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?

freq perc  
   
\* 114 7.4%  
1 1'292 83.5%  
2 77 5.0%  
3 49 3.2%  
4 16 1.0%

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

freq perc  
   
\* 108 7.0%  
1 1'344 86.8%  
2 50 3.2%  
3 36 2.3%  
4 10 0.6%

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

freq perc  
   
\* 118 7.6%  
1 1'107 71.5%  
2 235 15.2%  
3 68 4.4%  
4 20 1.3%

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

freq perc  
   
\* 123 7.9%  
1 1'116 72.1%  
2 251 16.2%  
3 26 1.7%  
4 31 2.0%  
5 1 0.1%

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

freq perc  
   
\* 143 9.2%  
1 818 52.8%  
2 40 2.6%  
3 7 0.5%  
4 95 6.1%  
5 444 28.7%  
6 1 0.1%

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

freq perc  
   
\* 1'544 99.7%  
1 3 0.2%  
30 1 0.1%

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

freq perc  
   
\* 1'337 86.4%  
1 207 13.4%  
15 1 0.1%  
5 3 0.2%

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

freq perc  
   
\* 1'447 93.5%  
1 97 6.3%  
15 1 0.1%  
5 3 0.2%

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

freq perc  
   
\* 1'467 94.8%  
1 77 5.0%  
15 1 0.1%  
5 3 0.2%

# 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

freq perc  
   
\* 1'352 87.3%  
1 192 12.4%  
15 1 0.1%  
5 3 0.2%

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

freq perc  
   
\* 1'213 78.4%  
1 331 21.4%  
15 1 0.1%  
5 3 0.2%

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

freq perc  
   
\* 1'535 99.2%  
1 9 0.6%  
15 1 0.1%  
5 3 0.2%

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

freq perc  
   
\* 1'058 68.3%  
1 486 31.4%  
15 1 0.1%  
5 3 0.2%

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

freq perc  
   
\* 1'477 95.4%  
1 67 4.3%  
15 1 0.1%  
5 3 0.2%

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

freq perc  
   
\* 1'532 99.0%  
1 2 0.1%  
2 11 0.7%  
3 3 0.2%

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

freq perc  
   
\* 902 58.3%  
1 74 4.8%  
2 461 29.8%  
3 111 7.2%

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

freq perc  
   
\* 1'489 96.2%  
1 20 1.3%  
2 39 2.5%

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

freq perc  
   
\* 1'192 77.0%  
1 203 13.1%  
2 153 9.9%

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

freq perc  
   
\* 1'380 89.1%  
1 45 2.9%  
2 52 3.4%  
3 64 4.1%  
4 7 0.5%

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

# Clinical Barriers

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

freq perc  
   
\* 206 13.3%  
1 281 18.2%  
2 299 19.3%  
3 309 20.0%  
4 239 15.4%  
5 214 13.8%

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

freq perc  
   
\* 210 13.6%  
1 299 19.3%  
2 271 17.5%  
3 273 17.6%  
4 218 14.1%  
5 277 17.9%

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

freq perc  
   
\* 261 16.9%  
1 273 17.6%  
2 283 18.3%  
3 295 19.1%  
4 220 14.2%  
5 216 14.0%

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

freq perc  
   
\* 267 17.2%  
1 263 17.0%  
2 279 18.0%  
3 294 19.0%  
4 233 15.1%  
5 212 13.7%

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

freq perc  
   
\* 270 17.4%  
1 295 19.1%  
2 299 19.3%  
3 369 23.8%  
4 139 9.0%  
5 176 11.4%

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

freq perc  
   
\* 272 17.6%  
1 278 18.0%  
2 307 19.8%  
3 303 19.6%  
4 199 12.9%  
5 189 12.2%

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

freq perc  
   
\* 271 17.5%  
1 454 29.3%  
2 326 21.1%  
3 257 16.6%  
4 113 7.3%  
5 127 8.2%

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

freq perc  
   
\* 287 18.5%  
1 233 15.1%  
2 267 17.2%  
3 371 24.0%  
4 237 15.3%  
5 153 9.9%

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

freq perc  
   
\* 241 15.6%  
1 280 18.1%  
2 279 18.0%  
3 347 22.4%  
4 216 14.0%  
5 185 12.0%

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

freq perc  
   
\* 231 14.9%  
1 486 31.4%  
2 352 22.7%  
3 273 17.6%  
4 121 7.8%  
5 85 5.5%

# Access Barriers

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

freq perc  
   
\* 234 15.1%  
1 608 39.3%  
2 366 23.6%  
3 205 13.2%  
4 82 5.3%  
5 53 3.4%

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

freq perc  
   
\* 229 14.8%  
1 537 34.7%  
2 327 21.1%  
3 223 14.4%  
4 133 8.6%  
5 99 6.4%

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

freq perc  
   
\* 232 15.0%  
1 529 34.2%  
2 395 25.5%  
3 249 16.1%  
4 91 5.9%  
5 52 3.4%

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

freq perc  
   
\* 312 20.2%  
1 510 32.9%  
2 398 25.7%  
3 205 13.2%  
4 88 5.7%  
5 35 2.3%

# Information Barriers

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

freq perc  
   
\* 239 15.4%  
1 569 36.8%  
2 388 25.1%  
3 217 14.0%  
4 89 5.7%  
5 46 3.0%

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

freq perc  
   
\* 243 15.7%  
1 583 37.7%  
2 375 24.2%  
3 222 14.3%  
4 95 6.1%  
5 30 1.9%

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

freq perc  
   
\* 249 16.1%  
1 590 38.1%  
2 382 24.7%  
3 198 12.8%  
4 95 6.1%  
5 34 2.2%

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

freq perc  
   
\* 251 16.2%  
1 588 38.0%  
2 388 25.1%  
3 205 13.2%  
4 82 5.3%  
5 34 2.2%

# Trust Barriers

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

freq perc  
   
\* 243 15.7%  
1 511 33.0%  
2 367 23.7%  
3 272 17.6%  
4 104 6.7%  
5 51 3.3%

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

freq perc  
   
\* 248 16.0%  
1 514 33.2%  
2 372 24.0%  
3 278 18.0%  
4 95 6.1%  
5 41 2.6%

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

freq perc  
   
\* 249 16.1%  
1 466 30.1%  
2 375 24.2%  
3 297 19.2%  
4 108 7.0%  
5 53 3.4%

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

freq perc  
   
\* 251 16.2%  
1 446 28.8%  
2 401 25.9%  
3 299 19.3%  
33 1 0.1%  
4 105 6.8%  
5 45 2.9%

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

freq perc  
   
\* 248 16.0%  
1 437 28.2%  
2 389 25.1%  
3 306 19.8%  
4 114 7.4%  
5 54 3.5%

# 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

freq perc  
   
\* 253 16.3%  
1 447 28.9%  
2 349 22.5%  
3 297 19.2%  
4 113 7.3%  
5 89 5.7%

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

freq perc  
   
\* 286 18.5%  
1 537 34.7%  
2 361 23.3%  
3 252 16.3%  
4 73 4.7%  
5 39 2.5%

# 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

freq perc  
   
\* 253 16.3%  
1 501 32.4%  
2 355 22.9%  
3 295 19.1%  
4 90 5.8%  
5 54 3.5%

# 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

freq perc  
   
\* 304 19.6%  
1 469 30.3%  
2 334 21.6%  
3 290 18.7%  
4 101 6.5%  
5 49 3.2%  
8 1 0.1%

# 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

freq perc  
   
\* 262 16.9%  
1 529 34.2%  
2 325 21.0%  
3 274 17.7%  
4 93 6.0%  
5 65 4.2%

#————————————–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

freq perc  
   
\* 224 14.5%  
1 95 6.1%  
2 55 3.6%  
3 246 15.9%  
4 529 34.2%  
5 399 25.8%

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

freq perc  
   
\* 227 14.7%  
1 88 5.7%  
2 70 4.5%  
3 237 15.3%  
4 529 34.2%  
5 397 25.6%

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

freq perc  
   
\* 237 15.3%  
1 97 6.3%  
2 107 6.9%  
3 276 17.8%  
4 493 31.8%  
5 338 21.8%

# 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

freq perc  
   
\* 230 14.9%  
1 105 6.8%  
2 96 6.2%  
3 320 20.7%  
4 456 29.5%  
5 341 22.0%

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

freq perc  
   
\* 226 14.6%  
1 95 6.1%  
2 71 4.6%  
22 1 0.1%  
3 283 18.3%  
4 530 34.2%  
5 342 22.1%

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

freq perc  
   
\* 231 14.9%  
1 113 7.3%  
2 111 7.2%  
3 332 21.4%  
4 479 30.9%  
5 282 18.2%

# 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

freq perc  
   
\* 225 14.5%  
1 87 5.6%  
2 78 5.0%  
3 328 21.2%  
4 490 31.7%  
5 340 22.0%

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

freq perc  
   
\* 5 0.3%  
1 289 18.7%  
2 165 10.7%  
3 1'089 70.3%