Importing YRBS Data

Importing the original 2009 to 2019 YRBSS data

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Loading R Packages

Importing .dat files into R for YRBS 2019

raw2019YRBS <- read_sav("C:/Users/acrom/Google Drive/ASU Files/ASU WORK
PRODUCT_CONHI Program/ASU-NUR CE Prep/YRBS Datasets/ADC Dissertation-YRBS
Data Sets/2019YRBS-SPSS.sav")
View(raw2019YRBS)</pre>

Print Head and Summary of 2019 YRBS Data Frame

```
print("Top 6 Entries of data frame:")
## [1] "Top 6 Entries of data frame:"
head(raw2019YRBS)
## # A tibble: 6 × 235
                                   04
                                            05
                                                     06
                  02
                           03
                                                            07 08
                                                                        09
##
Q10
     <dbl+lbl> <dbl+l> <dbl+l> <dbl+l> <dbl+l> <dbl+l> <dbl+l> <dbl+l>
##
<dbl+1>
## 1 5 [16 years... 2 [Mal... 2 [10t... 1 [Yes] "A" 1.63 54.9 4 [Mos... 1 [0 t... 2
## 2 4 [15 years... 2 [Mal... 2 [10t... 2 [No] "A ... 1.6
                                                          54.0 5 [Alw... 2 [1 t... 2
## 3 4 [15 years... 1 [Fem... 2 [10t... 2 [No] " B ... 1.68 43.1 4 [Mos... 1 [0 t... 2
[0 t...
## 4 4 [15 years... 2 [Mal... 2 [10t... 2 [No] " ... 1.78 69.0 4 [Mos... 1 [0 t... 1
[Did...
## 5 5 [16 years... 2 [Mal... 2 [10t... 1 [Yes] <NA> 1.78 59.0 4 [Mos... 1 [0 t... 1
[Did...
## 6 4 [15 years... 1 [Fem... 2 [10t... 2 [No] " ... 1.68 74.8 4 [Mos... 1 [0 t... 1
[Did...
```

```
## # i 225 more variables: Q11 <dbl+lbl>, Q12 <dbl+lbl>, Q13 <dbl+lbl>,
       Q14 <dbl+lbl>, Q15 <dbl+lbl>, Q16 <dbl+lbl>, Q17 <dbl+lbl>, Q18
<dbl+lbl>,
       Q19 <dbl+lbl>, Q20 <dbl+lbl>, Q21 <dbl+lbl>, Q22 <dbl+lbl>, Q23
## #
<dbl+lbl>,
       Q24 <dbl+lbl>, Q25 <dbl+lbl>, Q26 <dbl+lbl>, Q27 <dbl+lbl>, Q28
## #
<dbl+lbl>,
       Q29 <dbl+lbl>, Q30 <dbl+lbl>, Q31 <dbl+lbl>, Q32 <dbl+lbl>, Q33
## #
<dbl+lbl>,
       Q34 <dbl+lbl>, Q35 <dbl+lbl>, Q36 <dbl+lbl>, Q37 <dbl+lbl>, Q38
## #
<dbl+lbl>,
       Q39 <dbl+lbl>, Q40 <dbl+lbl>, Q41 <dbl+lbl>, Q42 <dbl+lbl>, ...
## #
print("summary:")
## [1] "summary:"
summary(raw2019YRBS)
##
                           Q2
                                            Q3
                                                             Q4
          Q1
           :1.000
##
   Min.
                     Min.
                            :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                              :1.000
    1st Qu.:4.000
                     1st Qu.:1.000
                                      1st Qu.:1.000
                                                       1st Qu.:2.000
##
    Median :5.000
                     Median :1.000
                                      Median :2.000
                                                       Median :2.000
##
    Mean
           :4.937
                     Mean
                             :1.491
                                      Mean
                                             :2.406
                                                       Mean
                                                               :1.773
##
    3rd Qu.:6.000
                     3rd Qu.:2.000
                                      3rd Qu.:3.000
                                                       3rd Qu.:2.000
##
    Max.
           :7.000
                     Max.
                             :2.000
                                      Max.
                                             :5.000
                                                       Max.
                                                               :2.000
##
    NA's
           :72
                     NA's
                             :151
                                      NA's
                                             :112
                                                       NA's
                                                               :291
##
         Q5
                              Q6
                                                Q7
                                                                  Q8
##
    Length: 13677
                        Min.
                                :1.300
                                         Min.
                                                 : 27.22
                                                           Min.
                                                                   :1.000
##
    Class :character
                        1st Qu.:1.630
                                         1st Qu.: 55.34
                                                           1st Qu.:4.000
##
    Mode :character
                        Median :1.680
                                         Median : 63.50
                                                           Median :5.000
##
                        Mean
                                :1.692
                                         Mean
                                                 : 67.91
                                                           Mean
                                                                   :4.301
##
                        3rd Qu.:1.750
                                         3rd Qu.: 75.75
                                                           3rd Qu.:5.000
                        Max.
##
                                :2.030
                                         Max.
                                                 :180.99
                                                           Max.
                                                                   :5.000
##
                        NA's
                                         NA's
                                                           NA's
                                :1537
                                                 :1537
                                                                   :2528
##
          Q9
                         Q10
                                         Q11
                                                          Q12
                                                                           Q13
##
   Min.
           :1.00
                    Min.
                           :1.00
                                    Min.
                                           :1.000
                                                     Min.
                                                            :1.000
                                                                      Min.
:1.000
   1st Qu.:1.00
                    1st Qu.:1.00
                                    1st Qu.:1.000
                                                     1st Qu.:1.000
                                                                      1st
Ou.:1.000
## Median :1.00
                    Median :2.00
                                    Median :2.000
                                                     Median :1.000
                                                                      Median
:1.000
## Mean
           :1.35
                    Mean
                           :1.66
                                    Mean
                                           :2.334
                                                     Mean
                                                            :1.363
                                                                      Mean
:1.079
                    3rd Qu.:2.00
                                    3rd Qu.:2.000
                                                     3rd Qu.:1.000
##
   3rd Qu.:1.00
                                                                      3rd
Qu.:1.000
## Max.
           :5.00
                           :6.00
                                           :8.000
                                                            :5.000
                                                                      Max.
                    Max.
                                    Max.
                                                     Max.
:5.000
##
    NA's
           :860
                    NA's
                           :1199
                                    NA's
                                           :1567
                                                     NA's
                                                            :3133
                                                                      NA's
                                                                             :776
##
         Q14
                          Q15
                                           Q16
                                                            Q17
         :1.000
##
   Min.
                     Min.
                          :1.000
                                      Min.
                                           :1.000
                                                       Min.
                                                            :1.000
```

```
## 1st Ou.:1.000
                  1st Ou.:1.000
                                 1st Qu.:1.000
                                                1st Ou.:1.000
## Median :1.000
                  Median :1.000
                                 Median :1.000
                                                Median :1.000
## Mean
          :1.121
                  Mean
                       :1.171
                                 Mean
                                       :1.182
                                                Mean
                                                      :1.468
##
   3rd Qu.:1.000
                  3rd Qu.:1.000
                                 3rd Qu.:1.000
                                                3rd Qu.:1.000
                        :5.000
##
   Max.
          :5.000
                  Max.
                                 Max.
                                       :8.000
                                                Max.
                                                     :8.000
## NA's
          :2818
                  NA's
                         :76
                                 NA's :132
                                                NA's :2906
                                      Q20
##
        018
                       Q19
                                                    Q21
                                                                   Q22
                                 Min. :1.000
                                                Min. :1.000
## Min.
        :1.000
                  Min. :1.000
                                                               Min.
:1.00
## 1st Qu.:1.000
                  1st Qu.:2.000
                                 1st Qu.:1.000
                                                1st Qu.:1.000
                                                               1st
Qu.:1.00
## Median :1.000
                  Median :2.000
                                 Median :1.000
                                                Median :2.000
                                                               Median
:2.00
## Mean
                                                Mean :1.768
          :1.165
                  Mean :1.923
                                 Mean :1.222
                                                               Mean
:1.78
                  3rd Qu.:2.000
                                 3rd Qu.:1.000
## 3rd Qu.:1.000
                                                3rd Qu.:2.000
                                                               3rd
Qu.:2.00
## Max.
                  Max. :2.000
                                 Max. :5.000
                                                Max. :6.000
        :8.000
                                                               Max.
:6.00
## NA's
          :558
                  NA's :2438
                                 NA's :3439
                                                NA's
                                                      :3324
                                                               NA's
:408
                       Q24
                                      Q25
                                                    Q26
##
        Q23
                                                                   Q27
## Min.
                                 Min. :1.000
          :1.000
                  Min. :1.000
                                                Min. :1.000
                                                               Min.
:1.00
                  1st Qu.:2.000
                                 1st Qu.:1.000
## 1st Qu.:2.000
                                                1st Qu.:2.000
                                                               1st
Qu.:2.00
## Median :2.000
                  Median :2.000
                                 Median :2.000
                                                Median :2.000
                                                               Median
:2.00
## Mean
                        :1.841
                                 Mean :1.633
                                                Mean :1.804
          :1.799
                  Mean
                                                               Mean
:1.84
## 3rd Qu.:2.000
                  3rd Qu.:2.000
                                 3rd Qu.:2.000
                                                3rd Qu.:2.000
                                                               3rd
Qu.:2.00
## Max.
          :2.000
                  Max. :2.000
                                 Max. :2.000
                                                Max. :2.000
                                                               Max.
:2.00
## NA's
                  NA's :192
                                 NA's :256
                                                NA's :240
          :230
                                                               NA's
:255
                       Q29
##
        Q28
                                     Q30
                                                    Q31
                                                                  Q32
## Min.
          :1.000
                  Min. :1.00
                                Min. :1.000
                                               Min. :1.000
                                                              Min.
:1.000
## 1st Qu.:1.000
                  1st Qu.:1.00
                                1st Qu.:2.000
                                               1st Qu.:1.000
                                                              1st
Qu.:1.000
## Median :1.000
                  Median :1.00
                                Median :2.000
                                               Median :1.000
                                                              Median
:1.000
## Mean
                         :1.16
                                Mean :1.767
                                                     :1.863
          :1.166
                  Mean
                                               Mean
                                                              Mean
:1.157
## 3rd Qu.:1.000
                  3rd Qu.:1.00
                                3rd Qu.:2.000
                                               3rd Qu.:1.000
                                                              3rd
Qu.:1.000
## Max. :5.000
                        :3.00
                                       :2.000
                                                     :7.000
                  Max.
                                Max.
                                               Max.
                                                              Max.
:7.000
## NA's :3157
                  NA's :4928
                                NA's :3708
                                               NA's :1375
                                                              NA's
```

:1360				
## Q33				
## Min. :1.000 :1.000	Min. :1.000	Min. :1.000	Min. :1.0	Min.
## 1st Qu.:1.000 Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.0	1st
## Median :1.000 :1.000	Median :2.000	Median :1.000	Median :1.0	Median
## Mean :1.145 :1.119	Mean :1.503	Mean :2.037	Mean :2.2	Mean
## 3rd Qu.:1.000	3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:4.0	3rd
Qu.:1.000 ## Max. :7.000	Max. :2.000	Max. :7.000	Max. :8.0	Max.
:7.000 ## NA's :2783	NA's :472	NA's :910	NA's :1493	NA's
:886 ## Q38	020	040	041	042
## Q38 ## Min. :1.000	_	Q40 Min. :1.000	_	_
:1.00	MIII1.000	MIII1.000	riiii1.000	MIIII.
## 1st Qu.:1.000 Qu.:1.00	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	1st
## Median :1.000 :1.00	Median :1.000	Median :3.000	Median :1.000	Median
## Mean :1.148 :1.32	Mean :1.396	Mean :3.218	Mean :1.532	Mean
## 3rd Qu.:1.000 Qu.:1.00	3rd Qu.:2.000	3rd Qu.:5.000	3rd Qu.:2.000	3rd
## Max. :7.000 :7.00	Max. :3.000	Max. :7.000	Max. :7.000	Max.
## NA's :872 :1657	NA's :3687	NA's :491	NA's :1066	NA's
## Q43	044	045	046	
## Min. :1.000				
## 1st Qu.:1.000		1st Qu.:1.000		
## Median :1.000				
## Mean :1.831	Mean :2.495	Mean :2.189	Mean :2.623	
## 3rd Qu.:2.000	3rd Qu.:5.000	3rd Qu.:3.000	3rd Qu.:5.000	
## Max. :8.000	Max. :8.000	Max. :7.000	Max. :7.000	
## NA's :4782	NA's :3656	NA's :2018	NA's :431	
## Q47	Q48	Q49	Q50	
## Min. :1.000	Min. :1.000	Min. :1.000	Min. :1.000	
## 1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	
## Median :1.000	Median :1.000	Median :1.000	Median :1.000	
## Mean :1.554	Mean :1.164	Mean :1.318	Mean :1.104	
## 3rd Qu.:1.000	3rd Qu.:1.000	3rd Qu.:1.000	3rd Qu.:1.000	
## Max. :6.000	Max. :6.000	Max. :6.000	Max. :6.000	
## NA's :372	NA's :1279	NA's :694	NA's :1505	
## Q51	Q52	Q53	Q54	
## Min. :1.000	Min. :1.000	Min. :1.000	Min. :1.000	
## 1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	

```
## Median :1.000
                   Median :1.000
                                  Median :1.000
                                                 Median :1.000
                  Mean :1.068
##
   Mean
        :1.143
                                  Mean :1.071
                                                 Mean :1.095
##
   3rd Qu.:1.000
                   3rd Qu.:1.000
                                  3rd Qu.:1.000
                                                 3rd Qu.:1.000
   Max. :6.000
                   Max. :6.000
                                  Max. :6.000
                                                 Max. :6.000
##
                   NA's :966
                                                 NA's :1221
                                  NA's :987
##
   NA's :3022
                                                      Q58
##
        Q55
                       Q56
                                       Q57
                                                                    Q59
## Min. :1.000
                   Min. :1.000
                                  Min. :1.000
                                                 Min. :1.00
                                                               Min.
:1.000
## 1st Qu.:1.000
                   1st Qu.:1.000
                                  1st Qu.:2.000
                                                 1st Qu.:1.00
                                                                1st
Qu.:1.000
                  Median :1.000
                                  Median :2.000
                                                 Median :2.00
## Median :1.000
                                                               Median
:1.000
## Mean
          :1.047
                         :1.028
                                         :1.778
                                                        :1.62
                                                               Mean
                  Mean
                                  Mean
                                                 Mean
:2.804
## 3rd Qu.:1.000
                  3rd Qu.:1.000
                                  3rd Qu.:2.000
                                                 3rd Qu.:2.00
                                                                3rd
Qu.:5.000
## Max.
          :6.000
                   Max. :3.000
                                  Max. :2.000
                                                 Max. :2.00
                                                               Max.
:8.000
## NA's
          :4628
                   NA's
                         :2723
                                  NA's
                                         :396
                                                 NA's
                                                        :2637
                                                                NA's
:1715
##
                                                     Q63
                                                                    Q64
        Q60
                       Q61
                                       Q62
                                  Min. :1.00
## Min. :1.000
                  Min. :1.000
                                                Min. :1.000
                                                               Min.
:1.000
## 1st Qu.:1.000
                   1st Qu.:1.000
                                  1st Qu.:1.00
                                                1st Ou.:1.000
                                                                1st
Qu.:1.000
## Median :1.000
                   Median :1.000
                                  Median :1.00
                                                Median :1.000
                                                               Median
:1.000
## Mean
          :1.899
                   Mean
                         :1.758
                                  Mean
                                         :1.69
                                                Mean
                                                       :1.534
                                                               Mean
:2.138
                  3rd Qu.:3.000
                                                3rd Qu.:2.000
## 3rd Qu.:2.000
                                  3rd Qu.:3.00
                                                                3rd
Qu.:3.000
## Max.
          :7.000
                                  Max. :3.00
                                                       :3.000
                                                               Max.
                   Max. :8.000
                                                Max.
:8.000
## NA's
          :1718
                   NA's
                         :1718
                                  NA's
                                        :2032
                                                NA's
                                                       :1823
                                                               NA's
:1957
##
        065
                       066
                                       Q67
                                                      068
                  Min. :1.000
## Min. :1.000
                                  Min. :1.000
                                                 Min. :1.000
##
  1st Qu.:1.000
                  1st Qu.:1.000
                                  1st Qu.:3.000
                                                 1st Qu.:1.000
## Median :2.000
                  Median :1.000
                                  Median :3.000
                                                 Median :2.000
                                  Mean :3.149
## Mean :1.853
                   Mean :1.343
                                                 Mean :2.032
   3rd Qu.:3.000
                   3rd Qu.:1.000
                                  3rd Qu.:4.000
                                                 3rd Qu.:3.000
## Max.
          :4.000
                   Max.
                         :4.000
                                  Max.
                                       :5.000
                                                 Max.
                                                        :4.000
## NA's
          :2951
                   NA's
                         :702
                                  NA's :1726
                                                 NA's :3205
        Q69
                       Q70
                                     Q71
                                                   Q72
##
                                                                   Q73
          :1.000
                   Min. :1.00
                                 Min. :1.00
                                               Min. :1.000
## Min.
                                                               Min.
:1.000
## 1st Qu.:1.000
                   1st Qu.:2.00
                                 1st Qu.:1.00
                                               1st Qu.:1.000
                                                               1st
Qu.:1.000
## Median :2.000
                  Median :3.00
                                 Median :2.00
                                               Median :2.000
                                                               Median
:1.000
```

```
## Mean
            :2.372
                     Mean
                             :3.11
                                     Mean
                                             :1.97
                                                     Mean
                                                             :1.944
                                                                       Mean
:1.715
## 3rd Qu.:3.000
                     3rd Qu.:4.00
                                     3rd Qu.:2.00
                                                     3rd Qu.:2.000
                                                                       3rd
Qu.:2.000
                                                     Max.
## Max.
            :7.000
                     Max.
                             :7.00
                                     Max.
                                             :7.00
                                                             :7.000
                                                                       Max.
:7.000
   NA's
            :1085
                     NA's
                             :791
                                     NA's
                                             :1779
                                                     NA's
                                                             :1778
                                                                       NA's
##
:1800
                          Q75
                                                             Q77
##
         Q74
                                            Q76
##
                     Min.
                             :1.000
                                              :1.000
                                                               :1.000
    Min.
            :1.000
                                      Min.
                                                        Min.
    1st Qu.:2.000
##
                     1st Qu.:1.000
                                      1st Qu.:1.000
                                                        1st Qu.:3.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                        Median:5.000
##
    Mean
           :2.657
                     Mean
                             :2.309
                                      Mean
                                              :2.636
                                                        Mean
                                                               :4.899
##
    3rd Qu.:3.000
                     3rd Qu.:3.000
                                      3rd Qu.:4.000
                                                        3rd Qu.:8.000
##
            :7.000
                             :7.000
    Max.
                     Max.
                                      Max.
                                              :7.000
                                                        Max.
                                                               :8.000
##
    NA's
            :1830
                     NA's
                             :2282
                                      NA's
                                              :4188
                                                        NA's
                                                               :2084
##
         Q78
                          Q79
                                            080
                                                             Q81
##
    Min.
            :1.000
                     Min.
                             :1.000
                                      Min.
                                              :1.000
                                                        Min.
                                                               :1.000
                                                        1st Qu.:1.000
##
    1st Qu.:2.000
                     1st Qu.:1.000
                                      1st Qu.:2.000
##
    Median :5.000
                     Median :3.000
                                      Median :4.000
                                                        Median :1.000
##
                             :2.962
                                              :4.072
                                                               :2.867
    Mean
           :4.688
                     Mean
                                      Mean
                                                        Mean
##
    3rd Qu.:7.000
                     3rd Qu.:4.000
                                      3rd Qu.:6.000
                                                        3rd Qu.:6.000
##
                             :7.000
                                              :7.000
    Max.
            :8.000
                     Max.
                                      Max.
                                                        Max.
                                                               :6.000
##
    NA's
            :457
                     NA's
                             :881
                                      NA's
                                              :500
                                                        NA's
                                                               :2389
##
         082
                          083
                                            Q84
                                                             Q85
##
    Min.
           :1.000
                     Min.
                             :1.000
                                      Min.
                                              :1.000
                                                        Min.
                                                               :1.000
##
    1st Qu.:1.000
                     1st Qu.:1.000
                                      1st Qu.:2.000
                                                        1st Qu.:2.000
##
    Median :2.000
                     Median :1.000
                                      Median :2.000
                                                        Median :2.000
##
    Mean
           :1.994
                     Mean
                            :1.254
                                      Mean
                                              :2.022
                                                        Mean
                                                               :1.981
##
    3rd Qu.:3.000
                     3rd Qu.:1.000
                                      3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
    Max.
            :4.000
                     Max.
                             :5.000
                                      Max.
                                              :3.000
                                                        Max.
                                                               :3.000
##
    NA's
            :3890
                     NA's
                             :2128
                                      NA's
                                              :951
                                                        NA's
                                                               :3471
##
         Q86
                          Q87
                                            Q88
                                                             Q89
##
    Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                              :1.000
                                                        Min.
                                                               :1.000
##
    1st Qu.:1.000
                     1st Qu.:2.000
                                      1st Qu.:2.000
                                                        1st Qu.:1.000
##
    Median :1.000
                     Median :2.000
                                      Median :4.000
                                                        Median :2.000
##
    Mean
           :1.545
                     Mean
                             :1.822
                                      Mean
                                              :3.436
                                                        Mean
                                                               :2.075
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:4.000
                                                        3rd Qu.:2.000
##
    Max.
            :5.000
                     Max.
                             :3.000
                                      Max.
                                              :7.000
                                                        Max.
                                                               :7.000
    NA's
##
                     NA's
                                      NA's
                                              :572
                                                        NA's
            :1209
                             :777
                                                               :666
##
         Q90
                          Q91
                                            Q92
                                                             Q93
##
    Min.
            :1.000
                     Min.
                             :1.000
                                      Min.
                                              :1.000
                                                        Min.
                                                               :1.000
                     1st Qu.:1.000
##
    1st Qu.:1.000
                                      1st Qu.:1.000
                                                        1st Qu.:4.000
##
    Median :1.000
                     Median :1.000
                                      Median :2.000
                                                        Median :6.000
##
    Mean
           :1.141
                     Mean
                             :1.141
                                      Mean
                                              :1.935
                                                        Mean
                                                               :5.154
##
    3rd Qu.:1.000
                     3rd Qu.:1.000
                                      3rd Qu.:2.000
                                                        3rd Qu.:7.000
##
    Max.
            :6.000
                     Max.
                             :6.000
                                      Max.
                                              :7.000
                                                        Max.
                                                               :7.000
##
    NA's
            :5000
                     NA's
                             :4113
                                      NA's
                                              :4083
                                                        NA's
                                                               :3517
##
         Q94
                          Q95
                                            Q96
                                                             Q97
    Min. :1.000
                     Min. :1.000
                                      Min. :1.000
                                                        Min. :1.000
```

```
1st Qu.:2.000
                   1st Ou.:1.000
                                   1st Qu.:1.000
                                                   1st Ou.:1.000
   Median :2.000
                   Median :3.000
                                   Median :1.000
                                                   Median :2.000
##
   Mean
          :1.946
                   Mean :3.706
                                   Mean
                                          :1.115
                                                   Mean :2.211
##
    3rd Qu.:2.000
                   3rd Qu.:6.000
                                   3rd Qu.:1.000
                                                   3rd Qu.:3.000
##
   Max.
          :3.000
                   Max.
                          :8.000
                                   Max.
                                          :6.000
                                                   Max.
                                                          :5.000
   NA's
          :5288
                   NA's
                                   NA's
                                                   NA's
##
                          :5203
                                         :5287
                                                          :4865
##
        098
                        099
                                        ON8
                                                        ON9
                   Min. :1.000
##
   Min.
          :1.000
                                   Min. :1.000
                                                   Min. :1.000
    1st Qu.:1.000
                   1st Qu.:1.000
                                   1st Qu.:2.000
                                                   1st Qu.:2.000
##
   Median :2.000
                   Median :1.000
                                   Median :2.000
                                                   Median :2.000
          :1.621
##
   Mean
                   Mean
                          :1.207
                                   Mean
                                         :1.929
                                                   Mean
                                                         :1.827
##
   3rd Qu.:2.000
                   3rd Qu.:1.000
                                   3rd Qu.:2.000
                                                   3rd Qu.:2.000
##
           :2.000
                          :4.000
                                   Max. :2.000
                                                        :2.000
   Max.
                   Max.
                                                   Max.
##
   NA's
          :5237
                   NA's :5289
                                   NA's :2528
                                                   NA's :860
         QN10
                        QN11
                                        QN12
                                                        QN13
                                                                       QN14
##
   Min.
          :1.000
                   Min. :1.000
                                   Min. :1.000
                                                   Min. :1.00
                                                                  Min.
:1.000
## 1st Qu.:2.000
                   1st Qu.:1.000
                                   1st Qu.:2.000
                                                   1st Qu.:2.00
                                                                  1st
Qu.:2.000
## Median :2.000
                   Median :2.000
                                   Median :2.000
                                                   Median :2.00
                                                                  Median
:2.000
## Mean
           :1.943
                   Mean
                          :1.615
                                   Mean
                                          :1.867
                                                   Mean
                                                          :1.97
                                                                  Mean
:1.954
## 3rd Qu.:2.000
                   3rd Qu.:2.000
                                   3rd Qu.:2.000
                                                   3rd Qu.:2.00
                                                                  3rd
Qu.:2.000
## Max.
          :2.000
                   Max. :2.000
                                   Max. :2.000
                                                   Max. :2.00
                                                                  Max.
:2.000
                   NA's
                                   NA's
## NA's
                                                   NA's
          :6240
                          :6440
                                          :3133
                                                          :776
                                                                  NA's
:2818
                        QN16
##
        ON15
                                        QN17
                                                        QN18
   Min.
          :1.000
                   Min. :1.000
                                   Min. :1.000
                                                   Min. :1.000
##
   1st Qu.:2.000
                   1st Qu.:2.000
                                   1st Qu.:2.000
                                                   1st Qu.:2.000
##
##
   Median :2.000
                   Median :2.000
                                   Median :2.000
                                                   Median :2.000
   Mean
         :1.907
                   Mean :1.921
                                   Mean :1.779
                                                   Mean :1.911
##
   3rd Qu.:2.000
                   3rd Qu.:2.000
                                   3rd Qu.:2.000
                                                   3rd Qu.:2.000
##
          :2.000
                   Max. :2.000
   Max.
                                   Max. :2.000
                                                   Max. :2.000
   NA's
          :76
                   NA's :132
                                   NA's :2906
                                                   NA's :558
##
##
        QN19
                        QN20
                                        QN21
                                                        QN22
                   Min. :1.000
                                   Min. :1.000
                                                   Min. :1.000
##
   Min. :1.000
   1st Qu.:2.000
                   1st Qu.:2.000
                                   1st Qu.:2.000
                                                   1st Qu.:2.000
##
   Median :2.000
                   Median :2.000
                                   Median :2.000
                                                   Median :2.000
##
   Mean
         :1.923
                   Mean
                         :1.887
                                   Mean
                                          :1.919
                                                   Mean :1.908
   3rd Qu.:2.000
                    3rd Qu.:2.000
                                   3rd Qu.:2.000
                                                   3rd Qu.:2.000
                   Max.
##
   Max.
           :2.000
                          :2.000
                                   Max.
                                          :2.000
                                                   Max. :2.000
   NA's
           :2438
                   NA's :3439
                                   NA's :6830
                                                   NA's :4974
##
##
         QN23
                        QN24
                                        QN25
                                                        QN26
                                                                        QN27
##
   Min.
          :1.000
                   Min. :1.000
                                   Min. :1.000
                                                   Min. :1.000
                                                                   Min.
:1.00
## 1st Qu.:2.000
                   1st Qu.:2.000
                                   1st Qu.:1.000
                                                   1st Qu.:2.000
                                                                   1st
Qu.:2.00
```

```
## Median :2.000
                     Median :2.000
                                      Median :2.000
                                                        Median :2.000
                                                                         Median
:2.00
## Mean
            :1.799
                     Mean
                             :1.841
                                      Mean
                                              :1.633
                                                        Mean
                                                                :1.804
                                                                         Mean
:1.84
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
                                                                          3rd
Qu.:2.00
## Max.
            :2.000
                             :2.000
                                              :2.000
                                                                :2.000
                                                                         Max.
                     Max.
                                       Max.
                                                        Max.
:2.00
   NA's
            :230
                     NA's
                             :192
                                       NA's
                                              :256
                                                        NA's
                                                                         NA's
##
                                                                :240
:255
                           QN29
##
         QN28
                                            QN30
                                                              QN31
    Min.
##
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                       1st Qu.:2.000
                                                        1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                       Median :2.000
                                                        Median :2.000
##
    Mean
            :1.899
                             :1.974
                     Mean
                                       Mean
                                              :1.767
                                                        Mean
                                                                :1.916
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
    Max.
           :2.000
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
##
    NA's
            :3157
                     NA's
                             :4928
                                       NA's
                                              :3708
                                                        NA's
                                                                :1375
##
         QN32
                           QN33
                                            ON34
                                                              ON35
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                       1st Qu.:1.000
                                                        1st Qu.:1.000
##
    Median :2.000
                     Median :2.000
                                       Median :2.000
                                                        Median :2.000
##
    Mean
           :1.941
                     Mean
                             :1.923
                                       Mean
                                              :1.503
                                                        Mean
                                                                :1.678
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Ou.:2.000
##
    Max.
            :2.000
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
##
    NA's
            :1360
                     NA's
                             :13108
                                       NA's
                                              :472
                                                        NA's
                                                                :910
##
         QN36
                           QN37
                                            QN38
                                                             QN39
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                       1st Qu.:2.000
                                                        1st Qu.:1.000
##
    Median :2.000
                     Median :2.000
                                       Median :2.000
                                                        Median :2.000
##
    Mean
            :1.911
                     Mean
                             :1.958
                                       Mean
                                              :1.941
                                                        Mean
                                                                :1.527
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
    Max.
            :2.000
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
                                                        NA's
                                       NA's
##
    NA's
            :10351
                     NA's
                             :886
                                              :872
                                                                :11088
##
         QN40
                           QN41
                                            QN42
                                                             QN43
##
                                       Min.
                                                        Min.
    Min.
            :1.000
                     Min.
                             :1.000
                                              :1.000
                                                                :1.000
##
    1st Qu.:2.000
                     1st Qu.:1.000
                                       1st Qu.:2.000
                                                        1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                       Median :2.000
                                                        Median :2.000
##
    Mean
           :1.845
                     Mean
                             :1.709
                                       Mean
                                              :1.862
                                                        Mean
                                                                :1.972
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
    Max.
            :2.000
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
##
    NA's
            :491
                     NA's
                             :1066
                                       NA's
                                              :1657
                                                        NA's
                                                                :4782
##
         QN44
                           QN45
                                            QN46
                                                             QN47
                                                        Min.
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                                :1.000
    1st Qu.:1.000
##
                     1st Qu.:1.000
                                       1st Qu.:2.000
                                                        1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                       Median :2.000
                                                        Median :2.000
##
    Mean
           :1.601
                     Mean
                             :1.638
                                       Mean
                                              :1.938
                                                        Mean
                                                                :1.779
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
    Max.
            :2.000
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
    NA's
##
           :10795
                     NA's
                             :2018
                                       NA's
                                              :431
                                                        NA's
                                                                :372
```

```
##
         ON48
                          ON49
                                           ON50
                                                            ON51
##
    Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                              :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:2.000
                                                       1st Qu.:2.000
                                      Median :2.000
##
    Median :2.000
                     Median :2.000
                                                       Median :2.000
##
    Mean
           :1.923
                     Mean
                            :1.846
                                      Mean
                                             :1.954
                                                       Mean :1.927
                                                       3rd Qu.:2.000
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
           :2.000
                     Max.
                            :2.000
                                             :2.000
                                                       Max.
                                                             :2.000
##
    Max.
                                      Max.
##
    NA's
           :1279
                     NA's
                            :694
                                      NA's
                                             :1505
                                                       NA's
                                                              :3022
##
         QN52
                          QN53
                                           QN54
                                                            QN55
##
    Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                              :1.000
    1st Qu.:2.000
                     1st Qu.:2.000
##
                                      1st Qu.:2.000
                                                       1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
##
           :1.975
                                             :1.958
    Mean
                     Mean
                            :1.972
                                      Mean
                                                       Mean
                                                              :1.981
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
##
           :2.000
    Max.
                     Max.
                            :2.000
                                      Max.
                                             :2.000
                                                       Max.
                                                              :2.000
##
    NA's
           :966
                     NA's
                            :987
                                      NA's
                                             :1221
                                                       NA's
                                                              :4628
##
         QN56
                          QN57
                                           QN58
                                                           QN59
                                                                            QN60
                                                                       Min.
##
  Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                             :1.00
                                                      Min.
                                                             :1.000
:1.000
   1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:1.00
                                                      1st Qu.:2.000
                                                                       1st
##
Qu.:2.000
                     Median :2.000
                                      Median :2.00
                                                      Median :2.000
                                                                       Median
## Median :2.000
:2.000
## Mean
           :1.982
                            :1.778
                                      Mean
                                             :1.62
                                                             :1.966
                                                                       Mean
                     Mean
                                                      Mean
:1.917
## 3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.00
                                                      3rd Qu.:2.000
                                                                       3rd
Qu.:2.000
## Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                             :2.00
                                                      Max.
                                                             :2.000
                                                                       Max.
:2.000
## NA's
           :2723
                     NA's
                            :396
                                      NA's
                                             :2637
                                                      NA's
                                                             :1715
                                                                       NA's
:1718
##
                         QN62
                                          QN63
                                                           QN64
         QN61
                                                                            QN65
##
  Min.
           :1.00
                           :1.000
                                     Min.
                                            :1.000
                                                      Min.
                                                             :1.000
                                                                       Min.
                    Min.
NA
##
    1st Qu.:1.00
                    1st Qu.:2.000
                                     1st Qu.:1.000
                                                      1st Qu.:2.000
                                                                       1st Qu.:
NA
                    Median :2.000
##
   Median :2.00
                                     Median :1.000
                                                      Median :2.000
                                                                       Median :
NA
                           :1.792
##
   Mean
           :1.73
                    Mean
                                     Mean
                                            :1.461
                                                      Mean
                                                             :1.773
                                                                       Mean
:NaN
##
    3rd Qu.:2.00
                    3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
                                                                       3rd Qu.:
NA
##
  Max.
           :2.00
                    Max.
                           :2.000
                                     Max.
                                            :2.000
                                                      Max.
                                                             :2.000
                                                                       Max.
NA
   NA's
##
                    NA's
                           :10541
                                     NA's
                                                      NA's
                                                                       NA's
           :1718
                                            :10536
                                                             :10629
:13677
##
         QN66
                          QN67
                                           QN68
                                                            QN69
##
   Min.
           : NA
                     Min.
                            :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                              :1.000
##
    1st Qu.: NA
                     1st Qu.:1.000
                                      1st Qu.:1.000
                                                       1st Qu.:1.000
    Median : NA
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
```

```
Mean :1.685
   Mean :NaN
                   Mean :1.687
                                  Mean :1.528
##
    3rd Qu.: NA
                   3rd Qu.:2.000
                                  3rd Qu.:2.000
                                                  3rd Qu.:2.000
##
   Max.
         : NA
                   Max.
                         :2.000
                                  Max. :2.000
                                                  Max. :2.000
                                                         :1085
##
   NA's
          :13677
                   NA's
                          :1726
                                  NA's :3205
                                                  NA's
##
        QN70
                        QN71
                                       QN72
                                                       QN73
                   Min. :1.000
##
   Min.
          :1.000
                                  Min.
                                         :1.000
                                                  Min.
                                                        :1.000
   1st Qu.:2.000
                   1st Qu.:1.000
                                  1st Qu.:1.000
                                                  1st Qu.:1.000
##
##
   Median :2.000
                   Median :2.000
                                  Median :2.000
                                                  Median :1.000
   Mean
         :1.873
                   Mean :1.571
                                  Mean :1.626
                                                  Mean :1.458
##
    3rd Qu.:2.000
                   3rd Qu.:2.000
                                  3rd Qu.:2.000
                                                  3rd Qu.:2.000
##
   Max.
          :2.000
                   Max. :2.000
                                  Max. :2.000
                                                  Max. :2.000
##
   NA's
          :791
                   NA's
                          :1779
                                  NA's
                                         :1778
                                                  NA's
                                                         :1800
##
        QN74
                       QN75
                                       QN76
                                                       QN77
                   Min. :1.000
##
   Min. :1.000
                                  Min. :1.000
                                                  Min. :1.000
##
   1st Qu.:2.000
                   1st Qu.:1.000
                                  1st Qu.:1.000
                                                  1st Qu.:2.000
   Median :2.000
                   Median :2.000
                                  Median :2.000
                                                  Median :2.000
##
   Mean :1.802
                   Mean :1.685
                                  Mean :1.692
                                                  Mean :1.831
##
   3rd Qu.:2.000
                   3rd Qu.:2.000
                                  3rd Qu.:2.000
                                                  3rd Qu.:2.000
          :2.000
                                         :2.000
##
   Max.
                   Max.
                         :2.000
                                  Max.
                                                  Max.
                                                        :2.000
                                  NA's
                                                         :2084
##
   NA's
          :1830
                   NA's
                          :2282
                                         :4188
                                                  NA's
##
        QN78
                       QN79
                                       QN80
                                                      QN81
                                                                    QN82
                   Min. :1.000
                                  Min. :1.00
## Min. :1.000
                                                 Min. :1.00
                                                               Min.
:1.000
## 1st Qu.:1.000
                   1st Qu.:2.000
                                  1st Qu.:1.00
                                                 1st Ou.:1.00
                                                               1st
Qu.:1.000
## Median :2.000
                   Median :2.000
                                  Median :2.00
                                                 Median :2.00
                                                               Median
:1.000
                                                               Mean
## Mean
          :1.575
                   Mean
                          :1.797
                                  Mean
                                         :1.55
                                                 Mean
                                                        :1.52
:1.433
                   3rd Qu.:2.000
                                                 3rd Qu.:2.00
## 3rd Qu.:2.000
                                  3rd Qu.:2.00
                                                               3rd
Qu.:2.000
## Max.
          :2.000
                   Max. :2.000
                                  Max. :2.00
                                                 Max.
                                                        :2.00
                                                               Max.
:2.000
## NA's
                   NA's
                                  NA's
                                                 NA's
                                                               NA's
          :457
                          :881
                                         :500
                                                        :2389
:3890
                        ON84
##
        ON83
                                       ON85
                                                      ON86
                                                                    ON87
## Min.
          :1.000
                   Min. :1.000
                                  Min. :1.00
                                                 Min. :1.00
                                                               Min.
:1.000
## 1st Qu.:2.000
                   1st Qu.:2.000
                                  1st Qu.:2.00
                                                 1st Qu.:1.00
                                                               1st
Qu.:2.000
## Median :2.000
                   Median :2.000
                                  Median :2.00
                                                 Median :1.00
                                                               Median
:2.000
## Mean
          :1.848
                   Mean
                          :1.898
                                  Mean :1.91
                                                 Mean
                                                        :1.25
                                                               Mean
:1.774
## 3rd Qu.:2.000
                   3rd Qu.:2.000
                                  3rd Qu.:2.00
                                                 3rd Qu.:2.00
                                                               3rd
Qu.:2.000
## Max.
          :2.000
                   Max. :2.000
                                       :2.00
                                                        :2.00
                                  Max.
                                                 Max.
                                                               Max.
:2.000
## NA's
          :2128
                   NA's
                          :951
                                  NA's
                                         :3471
                                                 NA's
                                                        :1209
                                                               NA's
                                                                      :777
## QN88
                        QN89
                                       QN90
                                                       QN91
```

```
##
    Min. :1.000
                     Min. :1.000
                                      Min. :1.000
                                                       Min. :1.000
##
    1st Qu.:2.000
                     1st Qu.:1.000
                                      1st Qu.:2.000
                                                       1st Qu.:2.000
##
    Median :2.000
                     Median :1.000
                                      Median :2.000
                                                       Median :2.000
    Mean
##
                                              :1.924
           :1.776
                     Mean
                            :1.248
                                      Mean
                                                       Mean
                                                              :1.928
##
    3rd Qu.:2.000
                     3rd Qu.:1.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
##
    Max.
           :2.000
                     Max.
                             :2.000
                                      Max.
                                              :2.000
                                                       Max.
                                                               :2.000
##
    NA's
           :572
                     NA's
                             :666
                                      NA's
                                              :5000
                                                       NA's
                                                               :4113
##
         ON92
                          ON93
                                           0N94
                                                            ON95
##
    Min.
           :1.000
                     Min.
                             :1.000
                                      Min.
                                              :1.000
                                                       Min.
                                                               :1.000
##
    1st Qu.:1.000
                     1st Qu.:2.000
                                      1st Qu.:2.000
                                                       1st Qu.:1.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
##
    Mean
           :1.503
                     Mean
                            :1.952
                                      Mean
                                              :1.831
                                                       Mean
                                                              :1.514
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
##
    Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                              :2.000
                                                       Max.
                                                              :2.000
##
    NA's
           :4083
                     NA's
                             :3517
                                      NA's
                                              :5288
                                                       NA's
                                                               :5203
##
         0N96
                          ON97
                                           0N98
                                                            ON99
##
    Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                              :1.000
                                                       Min.
                                                               :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:1.000
                                                       1st Qu.:1.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :1.000
                                                       Mean
##
    Mean
           :1.953
                     Mean
                            :1.846
                                      Mean
                                             :1.621
                                                               :1.022
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:1.000
##
    Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                              :2.000
                                                       Max.
                                                              :2.000
##
    NA's
           :5287
                     NA's
                             :4865
                                      NA's
                                              :5237
                                                       NA's
                                                               :5289
##
        site
                           qnfrcig
                                            qndaycig
                                                              qnfrevp
##
                        Min.
                                :1.000
                                                          Min.
    Length:13677
                                         Min.
                                                :1.000
                                                                  :1.000
##
    Class :character
                        1st Qu.:2.000
                                         1st Qu.:2.000
                                                          1st Qu.:2.000
                                                          Median :2.000
##
    Mode :character
                        Median :2.000
                                         Median :2.000
##
                        Mean
                                :1.987
                                         Mean
                                                 :1.989
                                                          Mean
                                                                  :1.897
##
                        3rd Qu.:2.000
                                         3rd Qu.:2.000
                                                          3rd Qu.:2.000
##
                        Max.
                                :2.000
                                         Max.
                                                 :2.000
                                                          Max.
                                                                  :2.000
##
                        NA's
                                         NA's
                                                          NA's
                                                                  :910
                                :1360
                                                 :1360
##
                         antb2
                                         antb3
                                                          antb4
       qndayevp
                                                                           qntb5
##
   Min.
           :1.000
                     Min.
                            :1.0
                                     Min.
                                            :1.000
                                                      Min.
                                                              :1.000
                                                                       Min.
:1.000
## 1st Qu.:2.000
                     1st Qu.:2.0
                                     1st Qu.:2.000
                                                      1st Qu.:1.000
                                                                       1st
Ou.:1.000
                                                                       Median
## Median :2.000
                                     Median :2.000
                                                      Median :2.000
                     Median :2.0
:2.000
## Mean
                                             :1.884
                                                                       Mean
           :1.931
                     Mean
                             :1.9
                                     Mean
                                                      Mean
                                                              :1.624
:1.649
## 3rd Qu.:2.000
                     3rd Qu.:2.0
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
                                                                       3rd
Ou.:2.000
## Max.
           :2.000
                     Max.
                             :2.0
                                     Max.
                                             :2.000
                                                      Max.
                                                              :2.000
                                                                       Max.
:2.000
## NA's
                                     NA's
                                                                       NA's
           :910
                     NA's
                            :1927
                                             :1916
                                                      NA's
                                                              :1804
:1553
##
       qniudimp
                        qnothhpl
                                         qndualbc
                                                          gnbcnone
  Min.
           :1.000
##
                     Min.
                            :1.000
                                      Min.
                                              :1.000
                                                       Min.
                                                              :1.000
##
    1st Qu.:2.000
                     1st Qu.:1.000
                                      1st Qu.:2.000
                                                       1st Qu.:2.000
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
##
```

```
## Mean :1.948
                   Mean :1.686
                                  Mean :1.904
                                                 Mean :1.874
## 3rd Qu.:2.000
                   3rd Qu.:2.000
                                  3rd Qu.:2.000
                                                 3rd Qu.:2.000
                         :2.000
                                         :2.000
                                                        :2.000
## Max.
          :2.000
                   Max.
                                  Max.
                                                 Max.
## NA's
          :10629
                   NA's
                         :10629
                                  NA's
                                         :10652
                                                 NA's
                                                        :10629
##
       qnfr0
                      qnfr1
                                      qnfr2
                                                     qnveg0
qnveg1
## Min.
          :1.000
                   Min.
                         :1.000
                                  Min.
                                         :1.000
                                                 Min.
                                                        :1.000
                                                                 Min.
:1.00
## 1st Qu.:2.000
                   1st Qu.:1.000
                                  1st Qu.:1.000
                                                 1st Qu.:2.000
                                                                 1st
Qu.:1.00
                   Median :1.000
                                  Median :2.000
## Median :2.000
                                                 Median :2.000
                                                                 Median
:1.00
## Mean
          :1.931
                   Mean
                         :1.428
                                  Mean :1.716
                                                 Mean
                                                        :1.916
                                                                 Mean
:1.41
## 3rd Qu.:2.000
                   3rd Qu.:2.000
                                  3rd Qu.:2.000
                                                 3rd Qu.:2.000
                                                                 3rd
Ou.:2.00
## Max.
          :2.000
                   Max. :2.000
                                  Max. :2.000
                                                 Max. :2.000
                                                                 Max.
:2.00
## NA's
                   NA's
                                  NA's
                                                 NA's
                                                                 NA's
          :1148
                        :1148
                                       :1148
                                                        :1920
:1920
##
                                                                 gnmilk1
   gnveg2
                     gnveg3
                                   gnsoda1
                                                  gnsoda2
## Min. :1.00
                  Min. :1.00
                                Min. :1.000
                                               Min. :1.000
                                                               Min.
:1.000
## 1st Qu.:1.00
                  1st Qu.:2.00
                                1st Qu.:2.000
                                               1st Qu.:2.000
                                                               1st
Ou.:1.000
                                               Median :2.000
## Median :2.00
                  Median :2.00
                                Median :2.000
                                                               Median
:2.000
## Mean
          :1.74
                        :1.86
                                Mean
                                       :1.848
                                                      :1.906
                  Mean
                                               Mean
                                                               Mean
:1.721
                  3rd Qu.:2.00
                                3rd Ou.:2.000
                                               3rd Ou.:2.000
## 3rd Qu.:2.00
                                                               3rd
Ou.:2.000
## Max.
          :2.00
                  Max.
                        :2.00
                                Max.
                                       :2.000
                                               Max.
                                                      :2.000
                                                               Max.
:2.000
                                NA's :2282
## NA's
          :1920
                  NA's
                        :1920
                                               NA's :2282
                                                               NA's
:4188
                     qnbk7day
##
                                     qnpa0day
                                                    qnpa7day
      anmilk3
## Min.
                   Min. :1.000
                                  Min. :1.000
                                                 Min. :1.000
         :1.000
##
   1st Qu.:2.000
                   1st Qu.:1.000
                                  1st Qu.:2.000
                                                 1st Qu.:2.000
## Median :2.000
                   Median :2.000
                                  Median :2.000
                                                 Median :2.000
##
          :1.932
                         :1.682
                                        :1.825
                                                 Mean :1.777
   Mean
                   Mean
                                  Mean
                                  3rd Qu.:2.000
   3rd Qu.:2.000
                   3rd Qu.:2.000
                                                 3rd Qu.:2.000
##
   Max.
          :2.000
                   Max.
                         :2.000
                                  Max.
                                         :2.000
                                                 Max.
                                                        :2.000
##
   NA's
          :4188
                   NA's
                         :2084
                                  NA's
                                         :457
                                                 NA's
                                                        :457
##
                                                   qnspdrk2
    qndlype
                     qnnodnt
                                  qnspdrk1
##
   Min.
         :1.000
                        :1.000
                                  Min.
                                                 Min. :1.000
                   Min.
                                        :1.000
##
   1st Qu.:1.000
                   1st Qu.:2.000
                                  1st Qu.:2.000
                                                 1st Qu.:2.000
##
   Median :2.000
                   Median :2.000
                                  Median :2.000
                                                 Median :2.000
                                                 Mean :1.939
## Mean :1.749
                   Mean :1.979
                                  Mean :1.893
                   3rd Qu.:2.000
##
   3rd Qu.:2.000
                                  3rd Qu.:2.000
                                                 3rd Qu.:2.000
                                                 Max. :2.000
## Max. :2.000
                   Max. :2.000
                                  Max. :2.000
```

```
##
    NA's :2389
                     NA's :1209
                                      NA's :4083
                                                      NA's :4083
##
                        qnwater2
                                         qnwater3
       qnwater1
                                                          anillict
##
   Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                             :1.000
                                                      Min.
                                                              :1.000
    1st Qu.:1.000
                     1st Qu.:1.000
                                      1st Qu.:1.000
                                                      1st Qu.:2.000
##
##
    Median :1.000
                     Median :1.000
                                     Median :1.000
                                                      Median :2.000
##
    Mean
           :1.245
                     Mean
                            :1.319
                                      Mean
                                             :1.462
                                                      Mean
                                                              :1.835
    3rd Ou.:1.000
                     3rd Qu.:2.000
                                      3rd Ou.:2.000
                                                      3rd Ou.:2.000
##
##
    Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                             :2.000
                                                      Max.
                                                              :2.000
##
    NA's
           :3517
                     NA's
                                      NA's
                                                      NA's
                            :3517
                                             :3517
                                                              :3884
##
                                          weight
       gnobese
                         gnowt
                                                           stratum
##
    Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                             :0.0650
                                                       Min.
                                                               :101.0
    1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:0.3315
##
                                                       1st Qu.:103.0
##
    Median :2.000
                     Median :2.000
                                     Median :0.7480
                                                       Median :201.0
##
    Mean
           :1.852
                     Mean
                            :1.841
                                      Mean
                                             :1.0000
                                                       Mean
                                                               :158.6
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:1.3605
                                                       3rd Qu.:211.0
##
##
    Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                             :4.8641
                                                       Max.
                                                               :214.0
##
    NA's
           :1537
                     NA's
                            :1537
##
                          bmipct
         psu
                                          raceeth
                                                            q6orig
##
    Min.
           : 57923
                      Min.
                             : 0.00
                                       Min.
                                              :1.000
                                                       Min. : 0.0
##
    1st Qu.:173676
                      1st Qu.:41.31
                                       1st Qu.:5.000
                                                       1st Qu.:504.0
##
   Median :343880
                      Median :68.81
                                      Median :5.000
                                                       Median:506.0
##
    Mean
           :364603
                      Mean
                             :63.12
                                       Mean
                                              :5.035
                                                       Mean
                                                               :514.2
                                       3rd Qu.:6.000
##
    3rd Qu.:515957
                      3rd Qu.:89.38
                                                       3rd Qu.:510.0
##
    Max.
           :787890
                      Max.
                             :99.97
                                       Max.
                                              :8.000
                                                               :711.0
                                                       Max.
##
                      NA's
                                       NA's
                                                       NA's
                             :1537
                                              :438
                                                               :710
##
        q7orig
##
    Min.
          : 0.0
    1st Qu.:122.0
##
##
    Median :140.0
##
   Mean
           :150.1
    3rd Qu.:168.0
##
##
    Max.
           :399.0
##
    NA's
           :1116
```

Importing .dat files into R for YRBS 2017

raw2017YRBS <- read_sav("C:/Users/acrom/Google Drive/ASU Files/ASU WORK
PRODUCT_CONHI Program/ASU-NUR CE Prep/YRBS Datasets/ADC Dissertation-YRBS
Data Sets/2017YRBS-SPSS.sav")
View(raw2017YRBS)</pre>

Print Head and Summary of 2017 YRBS Data Frame

```
print("Top 6 Entries of data frame:")
## [1] "Top 6 Entries of data frame:"
head(raw2017YRBS)
```

```
## # A tibble: 6 × 240
                                                                       Q9
                          Q3
                                   Q4
                                           Q5
                                                     Q6
##
     Q1
                  Q2
                                                            Q7 Q8
Q10
                  <dbl+l> <dbl+l> <dbl+l> <dbl+l> <dbl+l> <dbl+l> <dbl+l>
##
     <dbl+lbl>
<dbl+lb>
## 1 5 [16 year... 2 [Mal... 3 [11t... 2 [No] " ... 1.9 109. 4 [Mos... 1 [0 t... 2
[0 t...
## 2 7 [18 year... 2 [Mal... 3 [11t... 1 [Yes] <NA>
                                                   1.6
                                                         59.0 5 [Alw... 1 [0 t...
## 3 5 [16 year... 1 [Fem... 3 [11t... 1 [Yes] "A"
                                                   1.65 64.4 5 [Alw... 1 [0 t...
[0 t...
## 4 6 [17 year... 1 [Fem... 3 [11t... 1 [Yes] <NA>
                                                   1.6
                                                         64.9 4 [Mos... 1 [0 t...
                                                                                 2
[0 t...
## 5 7 [18 year... 2 [Mal... 3 [11t... 2 [No] "
                                                  1.75 65.8 5 [Alw... 1 [0 t... 2
                                               ...
[0 t...
## 6 5 [16 year... 1 [Fem... 3 [11t... 2 [No] " ... 1.63 54.4 2 [Rar... 1 [0 t... NA
## # i 230 more variables: Q11 <dbl+lbl>, Q12 <dbl+lbl>, Q13 <dbl+lbl>,
       Q14 <dbl+lbl>, Q15 <dbl+lbl>, Q16 <dbl+lbl>, Q17 <dbl+lbl>, Q18
<dbl+lbl>,
## #
       Q19 <dbl+lbl>, Q20 <dbl+lbl>, Q21 <dbl+lbl>, Q22 <dbl+lbl>, Q23
<dbl+lbl>.
       Q24 <dbl+lbl>, Q25 <dbl+lbl>, Q26 <dbl+lbl>, Q27 <dbl+lbl>, Q28
## #
<dbl+lbl>,
       Q29 <dbl+lbl>, Q30 <dbl+lbl>, Q31 <dbl+lbl>, Q32 <dbl+lbl>, Q33
## #
<dbl+lbl>,
## #
       Q34 <dbl+lbl>, Q35 <dbl+lbl>, Q36 <dbl+lbl>, Q37 <dbl+lbl>, Q38
<dbl+lbl>,
## #
       Q39 <dbl+lbl>, Q40 <dbl+lbl>, Q41 <dbl+lbl>, Q42 <dbl+lbl>, ...
print("summary:")
## [1] "summary:"
summary(raw2017YRBS)
##
          Q1
                           Q2
                                             Q3
                                                              04
           :1.000
##
    Min.
                     Min.
                             :1.000
                                      Min.
                                              :1.000
                                                       Min.
                                                               :1.000
                     1st Qu.:1.000
                                      1st Qu.:1.000
                                                       1st Qu.:1.000
##
    1st Qu.:4.000
    Median :5.000
                     Median :1.000
                                      Median :2.000
                                                       Median :2.000
##
    Mean
           :4.964
                     Mean
                             :1.486
                                      Mean
                                              :2.446
                                                       Mean
                                                               :1.748
##
    3rd Qu.:6.000
                     3rd Qu.:2.000
                                      3rd Qu.:3.000
                                                       3rd Qu.:2.000
##
    Max.
           :7.000
                     Max.
                             :2.000
                                      Max.
                                              :5.000
                                                       Max.
                                                               :2.000
    NA's
           :81
                     NA's
                             :127
                                      NA's
                                              :114
                                                       NA's
                                                               :255
##
##
         Q5
                               Q6
                                                Q7
                                                                  Q8
    Length: 14765
                                                 : 24.95
##
                        Min.
                                :1.320
                                         Min.
                                                            Min.
                                                                   :1.00
    Class :character
                                         1st Qu.: 55.34
                                                            1st Qu.:4.00
##
                        1st Qu.:1.600
##
    Mode :character
                        Median :1.680
                                         Median : 63.50
                                                            Median :5.00
##
                        Mean
                                :1.689
                                         Mean
                                                 : 67.69
                                                            Mean
                                                                   :4.32
##
                        3rd Qu.:1.750
                                         3rd Qu.: 75.30
                                                            3rd Qu.:5.00
##
                                                 :180.99
                        Max.
                                :2.030
                                         Max.
                                                            Max.
                                                                   :5.00
##
                                         NA's
                                                            NA's
                        NA's
                                :1619
                                                 :1619
                                                                   :2891
```

## 00	010	011	012	Q13
## Q9 ## Min. :1.00	Q10 Min ·1 000	Q11 Min ·1 000	Q12 Min ·1 000	Min.
:1.000	MIII1.000	MIII1.000	MIII1.000	PILIT.
## 1st Qu.:1.00	1st Ou •1 000	1st Ou •1 000	1st Ou ·1 000	1st
Qu.:1.000	130 Qu1.000	130 Qu1.000	130 Qu1.000	130
_	Median :2.000	Median :2.000	Median :1.000	Median
:1.000	11C41411 .2.000	11ca1a11 .2.000	riculum .1.000	ricaran
## Mean :1.33	Mean •1 654	Mean :2.286	Mean :1.412	Mean
:1.112	110011	110011 121200	110011 .1.112	rican
## 3rd Qu.:1.00	3rd Ou. •2.000	3rd Ou. •2.000	3rd Ou. 1.000	3rd
Qu.:1.000	3. 4 242.000	31 4 Q41.2.000	31 4 64	31 4
## Max. :5.00	Max. •6.000	Max. :8.000	Max. :5.000	Max.
:5.000	1147. 10.000	11ax. 101000	11ax	riax.
## NA's :50	NA's :1070	NA's :963	NA's :3027	NA's
:258	10.1 5 120.7 0		10.1 3 13027	
## Q14	015	016	017	Q18
## Min. :1.000	Min. :1.000	Min. :1.00	Min. :1.000	Min.
:1.000				
## 1st Qu.:1.000	1st Ou.:1.000	1st Ou.:1.00	1st Ou.:1.000	1st
Qu.:1.000				
## Median :1.000	Median :1.000	Median :1.00	Median :1.000	Median
:1.000				
## Mean :1.134	Mean :1.122	Mean :1.16	Mean :1.502	Mean
:1.163				
## 3rd Qu.:1.000	3rd Ou.:1.000	3rd Ou.:1.00	3rd Ou.:1.000	3rd
Qu.:1.000	·		, and the second	
## Max. :5.000	Max. :5.000	Max. :8.00	Max. :8.000	Max.
:8.000				
## NA's :570	NA's :2594	NA's :63	NA's :2708	NA's
:287				
## Q19				
## Min. :1.000	Min. :1.000	Min. :1.000	Min. :1.000	
## 1st Qu.:2.000	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	
## Median :2.000	Median :1.000	Median :2.000	Median :2.000	
## Mean :1.923	Mean :1.187	Mean :1.758	Mean :1.802	
## 3rd Qu.:2.000	3rd Qu.:1.000	3rd Qu.:2.000	3rd Qu.:2.000	
## Max. :2.000	Max. :5.000	Max. :6.000	Max. :6.000	
## NA's :325	NA's :620	NA's :993	NA's :680	
## Q23	Q24	Q25	Q26	Q27
## Min. :1.000	Min. :1.000	Min. :1.000	Min. :1.000	Min.
:1.00				
## 1st Qu.:2.000	1st Qu.:2.000	1st Qu.:1.000	1st Qu.:2.000	1st
Qu.:2.00				
## Median :2.000	Median :2.000	Median :2.000	Median :2.000	Median
:2.00				
## Mean :1.818	Mean :1.855	Mean :1.681	Mean :1.823	Mean
:1.86				
## 3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.000	3rd
Qu.:2.00				
## Max. :2.000	Max. :2.000	Max. :2.000	Max. :2.000	Max.

:2.00							
## NA's :159	9 NA's	:170	NA's	:238	NA's	:212	NA's
:224	0.7		0.7		0.3		022
## Q28 ## Min. :1.0	Q2	.1 000	Q3	.1 000	Q3	·1 000	Q32
## Min. :1.6	00 Min.	:1.000	Min.	:1.000	Min.	:1.000	Min.
## 1st Qu.:1.0 Qu.:1.000	00 1st Qu	.:1.000	1st Qu.	:1.000	1st Qu.	:1.000	1st
## Median :1.0	00 Median	:1.000	Median	:2.000	Median	:1.000	Median
## Mean :1.3	14 Mean	:1.131	Mean	:1.722	Mean	:2.078	Mean
:1.255	00 2md 0u	.1 000	and Ou	. 2 000	and Ou	. 2 000	2nd
## 3rd Qu.:1.0 Qu.:1.000	_		-	:2.000			3rd
## Max. :5.0	00 Max.	:3.000	Max.	:2.000	Max.	:7.000	Max.
## NA's :407							NA's
## 033	()34	(35	(36	
## Q33 ## Min. :1.0	000 Min.	:1.000	Min.	:1.000	Min.	:1.000	
## 1st Qu.:1.0	000 1st Oi	ı.:1.000	1st 0	1.:1.000	1st 0	1.:1.000	
## Median :1.0		1:2.000	_	:1.000	_	:1.000	
## Mean :1.2		:1.587				:1.474	
## 3rd Qu.:1.0		ı.:2.000				1.:1.000	
## Max. :7.0		:2.000		:7.000		:8.000	
## NA's :30		:452		:1921		:2137	
## Q37						. 213/	
		14X	(139	(140	041
				.1 aaa)40 ·1 0	
## Min. :1.0	000 Min.	:1.000	Min.	:1.000	Min.	:1.0	Min.
## Min. :1.0	000 Min.		Min.		Min.	=	
## Min. :1.0 :1.000 ## 1st Qu.:1.0	000 Min. 000 1st Qu	:1.000	Min. 1st Qu	:1.000	Min. 1st Qu	:1.0	Min. 1st
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.3	000 Min. 000 1st Qu 000 Median	:1.000 u.:1.000 n :1.000	Min. 1st Qu Mediar	:1.000 i.:1.000 i:1.000	Min. 1st Qu Mediar	:1.0 i.:1.0 i :2.0	Min. 1st Median
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.1 :3.201 ## 3rd Qu.:1.0	000 Min. 000 1st Qu 000 Median 169 Mean	:1.000 u.:1.000 n :1.000	Min. 1st Qu Mediar Mean	:1.000 i.:1.000 i:1.000 :1.369	Min. 1st Qu Mediar Mean	:1.0 i.:1.0 i :2.0 :2.6	Min. 1st Median
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.1 :3.201 ## 3rd Qu.:1.0 Qu.:5.000 ## Max. :7.0	000 Min. 000 1st Qu 000 Median 169 Mean 000 3rd Qu	:1.000 u.:1.000 n :1.000 :1.201	Min. 1st Qu Mediar Mean 3rd Qu	:1.000 i.:1.000 i:1.000 :1.369	Min. 1st Qu Mediar Mean	:1.0 i.:1.0 i :2.0 :2.6 i.:4.0	Min. 1st Median Mean
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.3 :3.201 ## 3rd Qu.:1.0 Qu.:5.000 ## Max. :7.0 :7.000 ## NA's :294	000 Min. 000 1st Qu 000 Mediar 169 Mean 000 3rd Qu 000 Max.	:1.000 u.:1.000 n :1.000 :1.201 u.:1.000	Min. 1st Qu Mediar Mean 3rd Qu Max.	:1.000 i.:1.000 i:1.000 :1.369 i.:1.000 :3.000	Min. 1st Qu Mediar Mean 3rd Qu Max.	:1.0 i.:1.0 i:2.0 :2.6 i.:4.0 :7.0	Min. 1st Median Mean 3rd
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.2 :3.201 ## 3rd Qu.:1.0 Qu.:5.000 ## Max. :7.0 :7.000 ## NA's :294	000 Min. 000 1st Qu 000 Median 169 Mean 000 3rd Qu 000 Max. 4 NA's	:1.000 u.:1.000 n :1.000 :1.201 u.:1.000 :7.000	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's	:1.000 1.:1.000 1:1.000 :1.369 1.:1.000 :3.000 :4462	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's	:1.0 i.:1.0 i:2.0 :2.6 i.:4.0 :7.0 :986	Min. 1st Median Mean 3rd Max. NA's
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.3 :3.201 ## 3rd Qu.:1.0 Qu.:5.000 ## Max. :7.0 :7.000 ## NA's :294 :1159 ## Q42	000 Min. 000 1st Qu 000 Median 169 Mean 000 3rd Qu 000 Max. 4 NA's	:1.000 u.:1.000 :1.201 u.:1.000 :7.000 :354	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's	:1.000 ::1.000 ::1.000 :1.369 ::1.000 :3.000 :4462	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's	:1.0 :1.0 :2.0 :2.6 :.4.0 :7.0 :986	Min. 1st Median Mean 3rd Max. NA's
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.3 :3.201 ## 3rd Qu.:1.0 Qu.:5.000 ## Max. :7.0 :7.000 ## NA's :294 :1159 ## Q42 ## Min. :1.0	000 Min. 000 1st Qu 000 Median 169 Mean 000 3rd Qu 000 Max. 4 NA's Q4	:1.000 u.:1.000 i:1.000 :1.201 u.:1.000 :7.000 :354	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's Q4	:1.000 i.:1.000 i.:1.000 :1.369 i.:1.000 :3.000 :4462 i4 :1.000	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's Q4	:1.0 i.:1.0 i.:2.0 :2.6 i.:4.0 :7.0 :986	Min. 1st Median Mean 3rd Max. NA's Q46 Min.
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.3 :3.201 ## 3rd Qu.:1.0 Qu.:5.000 ## Max. :7.0 :7.000 ## NA's :294 :1159 ## Q42 ## Min. :1.0	000 Min. 000 1st Qu 000 Median 169 Mean 000 3rd Qu 000 Max. 4 NA's Q4	:1.000 u.:1.000 :1.201 u.:1.000 :7.000 :354	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's Q4	:1.000 ::1.000 ::1.000 :1.369 ::1.000 :3.000 :4462	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's Q4	:1.0 i.:1.0 i.:2.0 :2.6 i.:4.0 :7.0 :986	Min. 1st Median Mean 3rd Max. NA's
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.3 :3.201 ## 3rd Qu.:1.0 Qu.:5.000 ## Max. :7.0 :7.000 ## NA's :294 :1159 ## Q42 ## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0	000 Min. 000 1st Qu 000 Median 169 Mean 000 3rd Qu 000 Max. 4 NA's Qu 000 Min.	:1.000 u.:1.000 i:1.000 :1.201 u.:1.000 :7.000 :354	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's Q4	:1.000 i:1.000 i:1.000 :1.369 i::1.000 :3.000 :4462 i4 :1.000 :1.000	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's Q4	:1.0 i::1.0 i::2.0 :2.6 i::4.0 :7.0 :986 i::1.000 :1.000	Min. 1st Median Mean 3rd Max. NA's Q46 Min.
## Min. :1.0 :1.000 ## 1st Qu.:1.0 Qu.:1.000 ## Median :1.0 :3.000 ## Mean :1.3 :3.201 ## 3rd Qu.:1.0 Qu.:5.000 ## Max. :7.0 :7.000 ## NA's :294 :1159 ## Q42 ## Min. :1.0 :1.000 ## 1st Qu.:1.0	000 Min. 000 1st Qu 000 Mediar 169 Mean 000 3rd Qu 000 Max. 4 NA's 00 Min. 00 1st Qu 000 Median	:1.000 u.:1.000 :1.201 u.:1.000 :7.000 :354 13 :1.000 .:1.000	Min. 1st Qu Mediar Mean 3rd Qu Max. NA's Q4 Min. 1st Qu.	:1.000 i:1.000 i:1.000 :1.369 i::1.000 :3.000 :4462 i4 :1.000 :1.000	Min. 1st Qu Median Mean 3rd Qu Max. NA's Q4 Min. 1st Qu.	:1.0 i::1.0 i::2.0 :2.6 i::4.0 :7.0 :986 i::1.000 :1.000	Min. 1st Median Mean 3rd Max. NA's Q46 Min. 1st

```
## 3rd Qu.:2.00 3rd Qu.:5.000 3rd Qu.:1.000 3rd Qu.:2.000
                                                      3rd
Qu.:3.000
## Max. :7.00 Max. :8.000
                            Max. :7.000
                                         Max. :8.000
                                                      Max.
:7.000
## NA's :1781
               NA's :4375
                            NA's :1090
                                         NA's :4638
                                                      NA's
:483
  Q47
                                Q49
                Q48
##
                                             Q50
                Min. :1.000
## Min. :1.000
                             Min. :1.000
                                          Min. :1.000
## 1st Qu.:1.000
                1st Qu.:1.000
                             1st Qu.:1.000
                                          1st Qu.:1.000
                Median :1.000
                             Median :1.000
## Median :1.000
                                          Median :1.000
                Mean :1.501
                                          Mean :1.131
## Mean :2.516
                             Mean :1.112
## 3rd Qu.:5.000
                3rd Qu.:1.000
                             3rd Qu.:1.000
                                          3rd Qu.:1.000
                             Max. :6.000
## Max. :7.000
                Max. :6.000
                                          Max. :6.000
## NA's :427
                NA's :379
                             NA's :257
                                          NA's :2818
                Q52
## Q51
                            Q53
                                         Q54
                                                           Q55
                                         Min. :1.000
## Min. :1.000
                Min. :1.00
                            Min. :1.000
                                                      Min.
:1.000
## 1st Qu.:1.000
                1st Qu.:1.00
                            1st Qu.:1.000
                                         1st Qu.:1.000
                                                      1st
Ou.:1.000
## Median :1.000
                Median :1.00
                            Median :1.000
                                         Median :1.000
                                                      Median
:1.000
## Mean
                Mean :1.07
                            Mean :1.087
                                         Mean :1.133
                                                      Mean
        :1.058
:1.071
## 3rd Qu.:1.000
                3rd Ou.:1.00
                            3rd Qu.:1.000
                                         3rd Qu.:1.000
                                                      3rd
Ou.:1.000
## Max. :6.000 Max. :6.00
                            Max. :6.000
                                        Max. :6.000
                                                      Max.
:6.000
## NA's :385 NA's :387 NA's :414
                                        NA's :404
                                                     NA's
:2697
              Q57
## Q56
                            Q58
                                         Q59
                                                          060
                           Min. :1.000
                                        Min. :1.000
## Min. :1.0
              Min. :1.000
                                                      Min.
:1.000
## 1st Qu.:1.0
              1st Qu.:1.000
                           1st Qu.:2.000
                                         1st Qu.:1.000
                                                      1st
Ou.:1.000
## Median :1.0
              Median :1.000
                           Median :2.000
                                        Median :2.000
                                                      Median
:1.000
## Mean
              Mean :1.027
                           Mean :1.794
                                        Mean :1.608
        :1.3
                                                      Mean
:2.841
## 3rd Qu.:1.0
              3rd Qu.:1.000
                           3rd Qu.:2.000
                                         3rd Qu.:2.000
                                                      3rd
Ou.:5.000
## Max. :6.0
              Max. :3.000
                           Max. :2.000
                                        Max. :2.000
                                                      Max.
:8.000
## NA's :255
              NA's :442
                           NA's :317
                                        NA's :1505
                                                     NA's
:1560
## 061
                    062
                                 063
                                             064
## Min. :1.000
                Min. :1.000
                             Min. :1.000
                                          Min. :1.000
## 1st Qu.:1.000
                1st Qu.:1.000
                             1st Qu.:1.000 1st Qu.:1.000
## Median :1.000 Median :1.000 Median :1.000
                                          Median :1.000
##
  Mean :1.972
                Mean :1.811
                             Mean :1.715
                                          Mean :1.549
## 3rd Qu.:2.000 3rd Qu.:3.000 3rd Qu.:3.000 3rd Qu.:2.000
```

```
##
    Max.
            :7.000
                     Max.
                                       Max.
                             :8.000
                                               :3.000
                                                        Max.
                                                                :3.000
##
    NA's
            :1587
                     NA's
                             :1686
                                       NA's
                                               :1574
                                                        NA's
                                                                :1691
##
         Q65
                           Q66
                                            Q67
                                                              Q68
##
                                       Min.
    Min.
            :1.000
                             :1.000
                                               :1.000
                                                        Min.
                                                                :1.000
                     Min.
##
    1st Qu.:1.000
                     1st Qu.:1.000
                                       1st Qu.:1.000
                                                        1st Qu.:3.000
##
    Median :1.000
                     Median :2.000
                                       Median :1.000
                                                        Median :3.000
##
    Mean
            :2.186
                             :1.847
                                               :1.314
                                                                :3.173
                     Mean
                                       Mean
                                                        Mean
##
    3rd Qu.:4.000
                     3rd Qu.:3.000
                                       3rd Qu.:1.000
                                                        3rd Qu.:4.000
##
    Max.
            :8.000
                     Max.
                             :4.000
                                       Max.
                                               :4.000
                                                        Max.
                                                                :5.000
##
    NA's
            :1798
                     NA's
                             :3368
                                       NA's
                                               :657
                                                        NA's
                                                                :779
##
         Q69
                           Q70
                                            Q71
                                                              Q72
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                               :1.000
                                                        Min.
                                                                :1.000
                     1st Qu.:1.000
##
    1st Qu.:1.000
                                       1st Qu.:2.000
                                                        1st Qu.:1.000
##
    Median :2.000
                     Median :2.000
                                       Median :3.000
                                                        Median :2.000
##
    Mean
            :2.032
                             :2.551
                                                                :1.971
                     Mean
                                       Mean
                                               :3.142
                                                        Mean
##
    3rd Qu.:3.000
                      3rd Qu.:3.000
                                       3rd Qu.:4.000
                                                        3rd Qu.:2.000
##
    Max.
            :4.000
                     Max.
                             :7.000
                                       Max.
                                               :7.000
                                                        Max.
                                                                :7.000
##
    NA's
            :3224
                     NA's
                             :372
                                       NA's
                                               :376
                                                        NA's
                                                                :740
##
         Q73
                           Q74
                                            Q75
                                                              Q76
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                               :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:1.000
                     1st Qu.:1.000
                                       1st Qu.:2.000
                                                        1st Qu.:1.000
##
    Median :2.000
                     Median :1.000
                                       Median :2.000
                                                        Median :2.000
##
    Mean
            :1.969
                     Mean
                             :1.684
                                       Mean
                                               :2.637
                                                        Mean
                                                                :2.482
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:3.000
                                                        3rd Qu.:3.000
##
    Max.
            :7.000
                     Max.
                             :7.000
                                       Max.
                                               :7.000
                                                        Max.
                                                                :7.000
##
    NA's
            :738
                     NA's
                             :776
                                       NA's
                                               :830
                                                        NA's
                                                                :461
                           Q78
                                            Q79
##
         Q77
                                                              Q80
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                               :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:1.000
                     1st Qu.:3.000
                                       1st Qu.:3.000
                                                        1st Qu.:1.000
##
    Median :2.000
                     Median :5.000
                                       Median :5.000
                                                        Median :3.000
##
    Mean
            :2.745
                     Mean
                             :5.113
                                       Mean
                                               :4.763
                                                        Mean
                                                                :3.094
##
    3rd Qu.:4.000
                      3rd Qu.:8.000
                                       3rd Qu.:7.000
                                                        3rd Qu.:4.000
##
    Max.
            :7.000
                     Max.
                             :8.000
                                       Max.
                                               :8.000
                                                        Max.
                                                                :7.000
            :2905
                                       NA's
                                                        NA's
##
    NA's
                     NA's
                             :2847
                                               :527
                                                                :898
##
         Q81
                           Q82
                                            Q83
                                                             Q84
                                                                              Q85
##
                                                                         Min.
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                               :1.00
                                                       Min.
                                                               :1.000
:1.000
    1st Qu.:2.000
                     1st Qu.:1.000
                                       1st Qu.:1.00
                                                       1st Qu.:1.000
                                                                         1st
##
Qu.:2.000
## Median :4.000
                     Median :1.000
                                       Median :2.00
                                                       Median :1.000
                                                                         Median
:2.000
##
   Mean
            :3.997
                     Mean
                             :2.897
                                       Mean
                                               :1.93
                                                       Mean
                                                               :1.263
                                                                         Mean
:2.013
## 3rd Qu.:6.000
                     3rd Qu.:6.000
                                       3rd Qu.:3.00
                                                       3rd Qu.:1.000
                                                                         3rd
Qu.:2.000
## Max.
                     Max.
                             :6.000
                                               :4.00
                                                               :5.000
                                                                         Max.
            :7.000
                                       Max.
                                                       Max.
:3.000
                     NA's
                                       NA's
                                                                         NA's
## NA's
            :926
                             :614
                                               :3045
                                                       NA's
                                                               :628
:624
                           Q87
                                            Q88
                                                              Q89
                                                                              Q90
##
         Q86
```

```
## Min. :1.000
                    Min. :1.000
                                    Min. :1.000
                                                     Min. :1.0
                                                                    Min.
:1.000
## 1st Qu.:1.000
                    1st Qu.:2.000
                                     1st Qu.:3.000
                                                     1st Qu.:1.0
                                                                    1st
Qu.:1.000
                    Median :2.000
                                    Median :4.000
## Median :1.000
                                                     Median :2.0
                                                                    Median
:2.000
## Mean
                           :1.808
                                    Mean
                                            :3.539
           :1.541
                    Mean
                                                     Mean
                                                            :2.1
                                                                    Mean
:1.861
## 3rd Qu.:1.000
                    3rd Qu.:2.000
                                     3rd Qu.:4.000
                                                     3rd Qu.:3.0
                                                                     3rd
Qu.:2.000
## Max.
           :5.000
                    Max.
                           :3.000
                                     Max.
                                            :7.000
                                                     Max.
                                                            :7.0
                                                                    Max.
:6.000
## NA's
           :564
                    NA's
                           :940
                                     NA's
                                            :2954
                                                     NA's
                                                            :3091
                                                                    NA's
:3510
##
                         Q92
                                          Q93
                                                          Q94
         Q91
                    Min.
                                     Min.
                                                     Min.
##
   Min.
           :1.000
                           :1.000
                                            :1.000
                                                            :1.000
##
    1st Qu.:1.000
                    1st Qu.:1.000
                                     1st Qu.:3.000
                                                     1st Qu.:2.000
##
   Median :1.000
                    Median :2.000
                                     Median :6.000
                                                     Median :2.000
##
   Mean
          :1.121
                    Mean
                          :2.046
                                     Mean
                                          :5.069
                                                     Mean :1.958
##
    3rd Qu.:1.000
                    3rd Qu.:2.000
                                     3rd Qu.:7.000
                                                     3rd Qu.:2.000
##
   Max.
           :6.000
                    Max.
                           :7.000
                                    Max.
                                            :7.000
                                                     Max.
                                                            :3.000
##
    NA's
           :3891
                    NA's
                           :3877
                                     NA's
                                            :4067
                                                     NA's
                                                            :4061
##
         Q95
                         Q96
                                          Q97
                                                          Q98
##
    Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                            :1.000
                                                     Min.
                                                            :1.000
    1st Qu.:1.000
                    1st Qu.:1.000
                                     1st Qu.:1.000
                                                     1st Qu.:1.000
##
    Median :3.000
                    Median :1.000
                                    Median :2.000
                                                     Median :2.000
##
   Mean
           :3.806
                    Mean
                           :1.133
                                    Mean
                                           :2.359
                                                     Mean
                                                           :1.677
##
    3rd Qu.:6.000
                    3rd Qu.:1.000
                                     3rd Qu.:3.000
                                                     3rd Qu.:2.000
##
    Max.
           :8.000
                    Max.
                           :6.000
                                     Max.
                                            :6.000
                                                     Max.
                                                            :2.000
                                                            :4097
##
    NA's
           :4052
                    NA's
                           :1751
                                     NA's
                                            :4056
                                                     NA's
##
         Q99
                         QN8
                                         ON9
                                                          QN10
##
                           :1.000
                                            :1.000
    Min.
           :1.000
                    Min.
                                    Min.
                                                     Min.
                                                            :1.000
##
    1st Qu.:1.000
                    1st Qu.:2.000
                                     1st Qu.:2.000
                                                     1st Qu.:2.000
##
    Median :1.000
                    Median :2.000
                                     Median :2.000
                                                     Median :2.000
##
   Mean
           :1.196
                    Mean
                           :1.936
                                     Mean
                                            :1.835
                                                     Mean
                                                            :1.943
##
                    3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                     3rd Qu.:2.000
    3rd Qu.:1.000
##
   Max.
           :4.000
                    Max.
                           :2.000
                                     Max.
                                            :2.000
                                                     Max.
                                                            :2.000
##
    NA's
           :4054
                    NA's
                           :2891
                                     NA's
                                            :50
                                                     NA's
                                                            :6697
                                                                           ON15
##
         QN11
                         QN12
                                          QN13
                                                          QN14
## Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                           :1.000
                                                     Min.
                                                            :1.000
                                                                     Min.
:1.00
##
   1st Qu.:1.000
                    1st Ou.:2.000
                                     1st Ou.:2.000
                                                     1st Ou.:2.000
                                                                     1st
Qu.:2.00
## Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :2.000
                                                                     Median
:2.00
## Mean
                                    Mean
                                            :1.958
                                                            :1.949
                                                                     Mean
           :1.627
                    Mean
                           :1.854
                                                     Mean
:1.93
                    3rd Qu.:2.000
## 3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                     3rd Qu.:2.000
                                                                     3rd
Qu.:2.00
## Max. :2.000
                    Max. :2.000
                                    Max. :2.000
                                                     Max. :2.000
                                                                     Max.
```

:2.00				
## NA's :6595	NA's :3027	NA's :258	NA's :570	NA's
:2594				
## QN16 ## Min. :1.000	QN17	QN18	QN19	QN20
	Min. :1.000	Min. :1.00	Min. :1.000	Min.
:1.000				
## 1st Qu.:2.000	1st Qu.:2.000	1st Qu.:2.00	1st Qu.:2.000	1st
Qu.:2.000				
## Median :2.000	Median :2.000	Median :2.00	Median :2.000	Median
:2.000				
## Mean :1.936	Mean :1.766	Mean :1.91	Mean :1.923	Mean
:1.899				
## 3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.00	3rd Qu.:2.000	3rd
Qu.:2.000				
## Max. :2.000	Max. :2.000	Max. :2.00	Max. :2.000	Max.
:2.000				
## NA's :63	NA's :2708	NA's :287	NA's :325	NA's
:620				
## QN21	QN22	QN23	QN24	
## Min. :1.000		Min. :1.000		
## 1st Qu.:2.000	1st Qu.:2.000	1st Qu.:2.000	1st Qu.:2.000	
## Median :2.000	Median :2.000			
## Mean :1.932	Mean :1.912		Mean :1.855	
## 3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.000		
_	=	-	_	
## Max. :2.000	Max. :2.000	Max. :2.000	Max. :2.000	
	Max. :2.000 NA's :5212			
## NA's :5534	NA's :5212	NA's :159	NA's :170	ON29
## NA's :5534 ## QN25	NA's :5212 QN26	NA's :159 QN27	NA's :170 QN28	QN29 Min.
## NA's :5534 ## QN25 ## Min. :1.000	NA's :5212	NA's :159 QN27	NA's :170 QN28	
## NA's :5534 ## QN25 ## Min. :1.000 :1.000	NA's :5212 QN26 Min. :1.000	NA's :159 QN27 Min. :1.00	NA's :170 QN28 Min. :1.000	Min.
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000	NA's :5212 QN26 Min. :1.000	NA's :159 QN27	NA's :170 QN28 Min. :1.000	
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000	NA's :159 QN27 Min. :1.00 1st Qu.:2.00	NA's :170 QN28 Min. :1.000 1st Qu.:2.000	Min. 1st
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000	NA's :159 QN27 Min. :1.00 1st Qu.:2.00	NA's :170 QN28 Min. :1.000 1st Qu.:2.000	Min.
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000	Min. 1st Median
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000	Min. 1st Median
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922	Min. 1st Median Mean
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922	Min. 1st Median
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86 3rd Qu.:2.00	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000	Min. 1st Median Mean 3rd
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86 3rd Qu.:2.00	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922	Min. 1st Median Mean
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86 3rd Qu.:2.00 Max. :2.00	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000	Min. 1st Median Mean 3rd Max.
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86 3rd Qu.:2.00	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000	Min. 1st Median Mean 3rd
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238 :4145	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000 NA's :212	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86 3rd Qu.:2.00 Max. :2.00 NA's :224	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000 NA's :4079	Min. 1st Median Mean 3rd Max. NA's
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238 :4145 ## QN30	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000 NA's :212 QN31	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86 3rd Qu.:2.00 Max. :2.00 NA's :224	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000 NA's :4079 QN33	Min. 1st Median Mean 3rd Max. NA's
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238 :4145 ## QN30 ## Min. :1.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000 NA's :212	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86 3rd Qu.:2.00 Max. :2.00 NA's :224	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000 NA's :4079	Min. 1st Median Mean 3rd Max. NA's
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238 :4145 ## QN30 ## Min. :1.000 :1.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000 NA's :212 QN31 Min. :1.00	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86 3rd Qu.:2.00 Max. :2.00 NA's :224 QN32 Min. :1.000	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000 NA's :4079 QN33 Min. :1.000	Min. 1st Median Mean 3rd Max. NA's QN34 Min.
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238 :4145 ## QN30 ## Min. :1.000 :1.000 ## 1st Qu.:1.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000 NA's :212 QN31	NA's :159 QN27 Min. :1.00 1st Qu.:2.00 Median :2.00 Mean :1.86 3rd Qu.:2.00 Max. :2.00 NA's :224 QN32 Min. :1.000	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000 NA's :4079 QN33 Min. :1.000	Min. 1st Median Mean 3rd Max. NA's
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238 :4145 ## QN30 ## Min. :1.000 :1.000 ## 1st Qu.:1.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000 NA's :212 QN31 Min. :1.00 1st Qu.:2.00	NA's :159	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000 NA's :4079 QN33 Min. :1.000 1st Qu.:2.000	Min. 1st Median Mean 3rd Max. NA's QN34 Min. 1st
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238 :4145 ## QN30 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:1.000 ## Median :2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000 NA's :212 QN31 Min. :1.00	NA's :159	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000 NA's :4079 QN33 Min. :1.000	Min. 1st Median Mean 3rd Max. NA's QN34 Min.
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238 :4145 ## QN30 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:1.000 ## Median :2.000 :2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000 NA's :212 QN31 Min. :1.00 1st Qu.:2.00 Median :2.00	NA's :159	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000 NA's :4079 QN33 Min. :1.000 1st Qu.:2.000 Median :2.000	Min. 1st Median Mean 3rd Max. NA's QN34 Min. 1st Median
## NA's :5534 ## QN25 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:2.000 ## Median :2.000 :2.000 ## Mean :1.681 :1.973 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :238 :4145 ## QN30 ## Min. :1.000 :1.000 ## 1st Qu.:1.000 Qu.:1.000 ## Median :2.000	NA's :5212 QN26 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.823 3rd Qu.:2.000 Max. :2.000 NA's :212 QN31 Min. :1.00 1st Qu.:2.00	NA's :159	NA's :170 QN28 Min. :1.000 1st Qu.:2.000 Median :2.000 Mean :1.922 3rd Qu.:2.000 Max. :2.000 NA's :4079 QN33 Min. :1.000 1st Qu.:2.000	Min. 1st Median Mean 3rd Max. NA's QN34 Min. 1st

## 3rd Qu.:2.000 Qu.:2.000	3rd Qu.:2.00	3rd Qu.:2.000	3rd Qu.:2.000	3rd
## Max. :2.000 :2.000	Max. :2.00	Max. :2.000	Max. :2.000	Max.
## NA's :2853 :452	NA's :2851	NA's :358	NA's :13827	NA's
## QN35	ON36	0N37	UNIS	ON39
## Min. :1.00 :1.000		Min. :1.00	Min. :1.000	Min.
## 1st Qu.:2.00 Qu.:1.000	1st Qu.:2.000	1st Qu.:2.00	1st Qu.:2.000	1st
## Median :2.00	Median :2.000	Median :2.00	Median :2.000	Median
## Mean :1.87 :1.594	Mean :1.856	Mean :1.95	Mean :1.922	Mean
## 3rd Qu.:2.00 Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.00	3rd Qu.:2.000	3rd
=	Max. :2.000	Max. :2.00	Max. :2.000	Max.
## NA's :1921 :12378	NA's :13415	NA's :294	NA's :354	NA's
## QN40	ON41	ON42	0N43	QN44
## Min. :1.000				
## 1st Qu.:1.000 Qu.:2.00	1st Qu.:2.000	1st Qu.:1.00	1st Qu.:1.000	1st
## Median :1.000 :2.00	Median :2.000	Median :2.00	Median :2.000	Median
## Mean :1.401 :1.87	Mean :1.841	Mean :1.71	Mean :1.564	Mean
## 3rd Qu.:2.000 Qu.:2.00	3rd Qu.:2.000	3rd Qu.:2.00	3rd Qu.:2.000	3rd
## Max. :2.000 :2.00	Max. :2.000	Max. :2.00	Max. :2.000	Max.
## NA's :986 :1090	NA's :1159	NA's :1781	NA's :11822	NA's
## QN45	QN46	QN47	QN48	QN49
## Min. :1.000 :1.00		Min. :1.000	=	Min.
## 1st Qu.:2.000 Qu.:2.00	1st Qu.:1.000	1st Qu.:2.000	1st Qu.:2.000	1st
## Median :2.000 :2.00	Median :2.000	Median :2.000	Median :2.000	Median
## Mean :1.961 :1.95	Mean :1.641	Mean :1.931	Mean :1.801	Mean
## 3rd Qu.:2.000 Qu.:2.00	3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.000	3rd
## Max. :2.000 :2.00	Max. :2.000	Max. :2.000	Max. :2.000	Max.
## NA's :4638	NA's :483	NA's :427	NA's :379	NA's

:257				
## QN50	ONE1	ONE 2	ONE 3	ON54
## Min. :1.000				Min.
:1.000	MIII1.00	MIII1.000	riiii1.000	LITII.
## 1st Qu.:2.000	1st Qu.:2.00	1st Qu.:2.000	1c+ Ou •2 000	1st
Qu.:2.000	13t Qu2.00	13t Qu2.000	13t Qu2.000	130
## Median :2.000	Median :2.00	Median :2.000	Median :2.000	Median
:2.000	Median .2.00	Median .2.000	Median .2.000	пецтан
## Mean :1.937	Mean :1.98	Mean :1.973	Mean :1.959	Mean
:1.932	Mean .1.30	Mean .1.973	Mean .1.939	Mean
## 3rd Qu.:2.000	2nd Ou +2 00	2nd Ou +2 000	3rd Qu.:2.000	3rd
	31'u Qu2.00	31'u Qu2.000	31'u Qu2.000	31 u
Qu.:2.000	May .2.00	May .2 000	May .2 000	Max
## Max. :2.000	Max. :2.00	Max. :2.000	Max. :2.000	Max.
:2.000	NAI 205	NA.1207	NA 1	NIA I a
## NA's :2818	NA S :385	NA S :387	NA's :414	NA's
:404	ONEC	ONEZ	ONEO	ONEO
## QN55	_	=	_	-
## Min. :1.00	Min. :1.000	Min. :1.000	Min. :1.000	Min.
:1.000	1.4 0 2 000	1.4 0 2 000	1.4 0 2 000	1.4
## 1st Qu.:2.00	15t Qu.:2.000	15t Qu.:2.000	1st Qu.:2.000	1st
Qu.:1.000	Madian .2 000	Madia: .2 000	Madia: .2 000	M = d =
	Median :2.000	Median :2.000	Median :2.000	Median
:2.000	Maran 14 050	M 1 000	Maria 14 704	M
	Mean :1.859	Mean :1.982	Mean :1.794	Mean
:1.608	2-1 02 000	2-4 02 000	2-4 02 000	3 d
## 3rd Qu.:2.00	3ra Qu.:2.000	3ra Qu.:2.000	3ra Qu.:2.000	3rd
Qu.:2.000	Marr 12 000	Ma	Ma2 000	Mari
## Max. :2.00	Max. :2.000	Max. :2.000	Max. :2.000	Max.
:2.000	NAIOFF	NA.1442	NA.L 24.7	NA La
## NA's :2697	NA S :255	NA's :442	NA's :317	NA's
:1505	ONC1	ONGO	ONGO	
## QN60				
## Min. :1.000				
## 1st Qu.:2.000				
## Median :2.000				
## Mean :1.963	Mean :1.904	Mean :1.715	Mean :1.811	
## 3rd Qu.:2.000	3rd Qu.:2.000	_	=	
## Max. :2.000	Max. :2.000	Max. :2.000	Max. :2.000	
## NA's :1560	NA's :1587	NA's :1686	NA's :11055	
## QN64	QN65	QN68	QN69	
## Min. :1.000	Min. :1.000	Min. :1.000	Min. :1.000	
## 1st Qu.:1.000	1st Qu.:2.000	1st Qu.:1.000	1st Qu.:1.000	
## Median :1.000	Median :2.000	Median :2.000	Median :2.000	
## Mean :1.456	Mean :1.816	Mean :1.687	Mean :1.527	
## 3rd Qu.:2.000	3rd Qu.:2.000	-	3rd Qu.:2.000	
## Max. :2.000	Max. :2.000	Max. :2.000	Max. :2.000	
## NA's :11137	NA's :11228	NA's :779	NA's :3224	
## QN70	QN71	QN72	QN73	
## Min. :1.000	Min. :1.000	Min. :1.000		
## 1st Qu.:1.000	1st Qu.:2.000	1st Qu.:1.000	1st Qu.:1.000	

## Median :2.000				
## Mean :1.727	Mean :1.878	Mean :1.574	Mean :1.633	
## 3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.000	
## Max. :2.000	Max. :2.000	Max. :2.000	Max. :2.000	
## NA's :372		NA's :740		
## QN74		QN76		
## Min. :1.000		Min. :1.000		
## 1st Qu.:1.000				
## Median :1.000	_		~	
## Mean :1.436	Mean :1.805			
## 3rd Qu.:2.000	-	_	-	
## Max. :2.000				
## NA's :776		NA's :461		
## QN78				
## Min. :1.000	Min. :1.000	Min. :1.000	Min. :1.000	Min.
:1.00				
## 1st Qu.:2.000	1st Qu.:1.000	1st Qu.:2.000	1st Qu.:1.000	1st
Qu.:1.00	_	•	•	
## Median :2.000	Median :2.000	Median :2.000	Median :2.000	Median
:2.00				
## Mean :1.855	Mean •1 562	Mean :1.778	Mean :1.568	Mean
:1.52	110011 .1.502	11cuii .1.770	11can .1.500	ricari
## 3rd Qu.:2.000	2nd Ou +2 000	2nd Ou +2 000	2nd Ou +2 000	2nd
_	31'u Qu2.000	31'u Qu2.000	31'u Qu2.000	31 ⁻ u
Qu.:2.00	M 2 000	M 2 000	M 2 000	M
## Max. :2.000	Max. :2.000	Max. :2.000	Max. :2.000	Max.
:2.00				
## NA's :2847	NA's :527	NA's :898	NA's :926	NA's
:614				
## QN83				
## Min. :1.000	Min. :1.00	Min. :1.000	Min. :1.000	Min.
:1.000				
## 1st Qu.:1.000	1st Qu.:2.00	1st Qu.:2.000		
	1st Qu.:2.00	1st Qu.:2.000		
## 1st Qu.:1.000	-	-	1st Qu.:1.000	1st
## 1st Qu.:1.000 Qu.:2.000	-	-	1st Qu.:1.000	1st
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000	Median :2.00	Median :2.000	1st Qu.:1.000 Median :1.000	1st Median
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453	-	-	1st Qu.:1.000	1st
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766	Median :2.00 Mean :1.85	Median :2.000 Mean :1.893	1st Qu.:1.000 Median :1.000 Mean :1.248	1st Median Mean
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000	Median :2.00 Mean :1.85	Median :2.000 Mean :1.893	1st Qu.:1.000 Median :1.000	1st Median
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000	Median :2.00 Mean :1.85 3rd Qu.:2.00	Median :2.000 Mean :1.893 3rd Qu.:2.000	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000	1st Median Mean 3rd
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000	Median :2.00 Mean :1.85	Median :2.000 Mean :1.893	1st Qu.:1.000 Median :1.000 Mean :1.248	1st Median Mean
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00	Median :2.000 Mean :1.893 3rd Qu.:2.000 Max. :2.000	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000 Max. :2.000	1st Median Mean 3rd Max.
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :3045	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00	Median :2.000 Mean :1.893 3rd Qu.:2.000	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000	1st Median Mean 3rd
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :3045 :940	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00 NA's :628	Median :2.000 Mean :1.893 3rd Qu.:2.000 Max. :2.000 NA's :624	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000 Max. :2.000 NA's :564	1st Median Mean 3rd Max. NA's
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :3045 :940 ## QN88	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00 NA's :628 QN89	Median :2.000 Mean :1.893 3rd Qu.:2.000 Max. :2.000 NA's :624 QN90	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000 Max. :2.000 NA's :564 QN91	1st Median Mean 3rd Max. NA's
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :3045 :940 ## QN88 ## Min. :1.000	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00 NA's :628	Median :2.000 Mean :1.893 3rd Qu.:2.000 Max. :2.000 NA's :624	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000 Max. :2.000 NA's :564	1st Median Mean 3rd Max. NA's
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :3045 :940 ## QN88 ## Min. :1.000 :1.000	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00 NA's :628 QN89 Min. :1.00	Median :2.000 Mean :1.893 3rd Qu.:2.000 Max. :2.000 NA's :624 QN90 Min. :1.000	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000 Max. :2.000 NA's :564 QN91 Min. :1.000	1st Median Mean 3rd Max. NA's QN92 Min.
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :3045 :940 ## QN88 ## Min. :1.000 :1.000 ## 1st Qu.:2.000	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00 NA's :628 QN89 Min. :1.00	Median :2.000 Mean :1.893 3rd Qu.:2.000 Max. :2.000 NA's :624 QN90 Min. :1.000	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000 Max. :2.000 NA's :564 QN91 Min. :1.000	1st Median Mean 3rd Max. NA's
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :3045 :940 ## QN88 ## Min. :1.000 :1.000 ## 1st Qu.:2.000 Qu.:1.000	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00 NA's :628 QN89 Min. :1.00 1st Qu.:1.00	Median:2.000 Mean:1.893 3rd Qu:2.000 Max:2.000 NA's:624 QN90 Min:1.000 1st Qu:2.000	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000 Max. :2.000 NA's :564	1st Median Mean 3rd Max. NA's QN92 Min. 1st
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :3045 :940 ## QN88 ## Min. :1.000 :1.000 ## 1st Qu.:2.000	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00 NA's :628 QN89 Min. :1.00	Median:2.000 Mean:1.893 3rd Qu:2.000 Max:2.000 NA's:624 QN90 Min:1.000 1st Qu:2.000	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000 Max. :2.000 NA's :564 QN91 Min. :1.000	1st Median Mean 3rd Max. NA's QN92 Min.
## 1st Qu.:1.000 Qu.:2.000 ## Median :1.000 :2.000 ## Mean :1.453 :1.766 ## 3rd Qu.:2.000 Qu.:2.000 ## Max. :2.000 :2.000 ## NA's :3045 :940 ## QN88 ## Min. :1.000 :1.000 ## 1st Qu.:2.000 Qu.:1.000	Median :2.00 Mean :1.85 3rd Qu.:2.00 Max. :2.00 NA's :628 QN89 Min. :1.00 1st Qu.:1.00	Median:2.000 Mean:1.893 3rd Qu:2.000 Max:2.000 NA's:624 QN90 Min:1.000 1st Qu:2.000	1st Qu.:1.000 Median :1.000 Mean :1.248 3rd Qu.:1.000 Max. :2.000 NA's :564	1st Median Mean 3rd Max. NA's QN92 Min. 1st

```
## Mean
                    Mean :1.26
                                   Mean :1.865
           :1.752
                                                    Mean
                                                           :1.937
                                                                    Mean
:1.531
## 3rd Qu.:2.000
                    3rd Qu.:2.00
                                   3rd Qu.:2.000
                                                    3rd Qu.:2.000
                                                                    3rd
Qu.:2.000
## Max.
           :2.000
                    Max.
                           :2.00
                                   Max.
                                          :2.000
                                                    Max.
                                                           :2.000
                                                                    Max.
:2.000
## NA's
           :2954
                    NA's
                           :3091
                                   NA's
                                          :7606
                                                    NA's
                                                           :3891
                                                                    NA's
:3877
                         QN94
                                         QN95
                                                          QN96
##
         QN93
##
   Min.
           :1.000
                    Min.
                           :1.000
                                           :1.000
                                                            :1.000
                                    Min.
                                                     Min.
                                                     1st Qu.:2.000
##
    1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:1.000
                                                     Median :2.000
##
   Median :2.000
                    Median :2.000
                                    Median :2.000
##
           :1.956
                                           :1.503
   Mean
                    Mean
                          :1.847
                                    Mean
                                                     Mean :1.944
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
           :2.000
                           :2.000
                                           :2.000
    Max.
                    Max.
                                    Max.
                                                     Max.
                                                            :2.000
##
    NA's
           :4067
                    NA's
                           :4061
                                    NA's
                                            :4052
                                                     NA's
                                                         :1751
##
         QN97
                         QN98
                                         QN99
                                                         site
##
    Min.
                    Min.
                                           :1.000
                                                     Length: 14765
           :1.000
                           :1.000
                                    Min.
##
    1st Qu.:1.000
                    1st Qu.:1.000
                                    1st Qu.:1.000
                                                     Class :character
##
    Median :1.000
                    Median :2.000
                                    Median :1.000
                                                     Mode :character
##
           :1.482
                         :1.677
   Mean
                    Mean
                                    Mean
                                           :1.021
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:1.000
##
                           :2.000
    Max.
           :2.000
                    Max.
                                    Max.
                                            :2.000
##
    NA's
           :4056
                    NA's
                           :4097
                                    NA's
                                           :4054
                       qndaycig
##
                                                        antb3
      qnfrcig
                                        qntb2
##
   Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                           :1.000
                                                     Min. :1.000
##
    1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:2.000
                                                     1st Qu.:2.000
   Median :2.000
                                                     Median :2.000
                                    Median :2.000
##
                    Median :2.000
##
   Mean
           :1.977
                    Mean
                         :1.982
                                    Mean :1.881
                                                     Mean :1.867
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
           :2.000
                           :2.000
                                    Max.
                                           :2.000
    Max.
                    Max.
                                                     Max.
                                                           :2.000
##
    NA's
           :358
                    NA's
                           :358
                                    NA's :559
                                                     NA's :552
##
       antb4
                       gniudimp
                                       gnshparg
                                                        qnothhpl
##
          :1.000
                    Min. :1.000
    Min.
                                    Min. :1.000
                                                     Min. :1.00
##
    1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:2.000
                                                     1st Qu.:1.00
##
   Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :2.00
##
   Mean
          :1.807
                    Mean
                          :1.959
                                    Mean
                                            :1.955
                                                     Mean :1.73
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.00
##
   Max.
           :2.000
                    Max.
                           :2.000
                                    Max.
                                           :2.000
                                                     Max.
                                                            :2.00
    NA's
                    NA's
##
           :1881
                                    NA's
                           :11228
                                            :11228
                                                     NA's
                                                            :11228
##
       qndualbc
                       gnbcnone
                                        qnfr0
                                                         qnfr1
##
    Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                            :1.000
                                                     Min.
                                                            :1.000
##
    1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:2.000
                                                     1st Qu.:1.000
##
   Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :1.000
##
    Mean
                                    Mean
           :1.918
                    Mean
                         :1.847
                                           :1.938
                                                     Mean :1.411
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
    Max.
           :2.000
                    Max.
                           :2.000
                                    Max.
                                            :2.000
                                                     Max.
                                                            :2.000
    NA's
                    NA's
##
           :11249
                           :11228
                                    NA's
                                            :421
                                                     NA's
                                                            :421
##
       qnfr2
                        qnfr3
                                       qnveg0
                                                       qnveg1
                                                                       qnveg2
    Min. :1.000
                    Min. :1.00
                                   Min. :1.000
                                                    Min. :1.00
                                                                   Min.
```

```
:1.000
                 1st Qu.:2.00
                               1st Qu.:2.000
                                             1st Qu.:1.00
## 1st Qu.:1.000
                                                           1st
Qu.:1.000
                 Median :2.00
                               Median :2.000
                                             Median :1.00
## Median :2.000
                                                          Median
:2.000
                 Mean :1.81
                               Mean :1.918
## Mean
         :1.694
                                             Mean :1.42
                                                           Mean
:1.744
## 3rd Qu.:2.000
                 3rd Qu.:2.00
                               3rd Qu.:2.000
                                             3rd Ou.:2.00
                                                           3rd
Qu.:2.000
                               Max. :2.000
## Max.
        :2.000
                 Max. :2.00
                                             Max.
                                                   :2.00
                                                           Max.
:2.000
## NA's :421
                 NA's :421
                               NA's :932
                                             NA's
                                                   :932
                                                           NA's :932
## qnveg3
                  qnsoda1
                                qnsoda2
                                              gnsoda3
                                                           qnmilk1
## Min. :1.000
                 Min. :1.000
                                Min. :1.000
                                              Min. :1.00
                                                           Min.
:1.000
## 1st Qu.:2.000
                 1st Qu.:2.000
                                1st Qu.:2.000
                                              1st Qu.:2.00
                                                           1st
Qu.:1.000
## Median :2.000
                 Median :2.000
                                Median :2.000
                                              Median :2.00
                                                           Median
:2.000
## Mean
         :1.863
                 Mean :1.815
                                Mean :1.877
                                              Mean :1.93
                                                           Mean
:1.696
## 3rd Qu.:2.000
                 3rd Qu.:2.000
                                3rd Qu.:2.000
                                              3rd Qu.:2.00
                                                            3rd
Qu.:2.000
## Max.
         :2.000
                 Max. :2.000
                                Max. :2.000
                                              Max. :2.00
                                                           Max.
:2.000
## NA's :932
                 NA's :461
                                NA's :461
                                              NA's :461
                                                           NA's
:2905
                  gnmilk3
##
   gnmilk2
                                gnbk7day
                                              qnpa0day
## Min. :1.000
                 Min. :1.000
                                Min. :1.000
                                              Min. :1.000
## 1st Qu.:2.000
                 1st Qu.:2.000
                                1st Qu.:1.000
                                              1st Qu.:2.000
## Median :2.000
                 Median :2.000
                                Median :2.000
                                              Median :2.000
## Mean
        :1.829
                 Mean :1.921
                                Mean :1.653
                                              Mean :1.831
## 3rd Qu.:2.000
                 3rd Qu.:2.000
                                3rd Qu.:2.000
                                              3rd Qu.:2.000
                 Max. :2.000
## Max.
         :2.000
                                Max. :2.000
                                              Max. :2.000
## NA's
         :2905
                 NA's
                        :2905
                                NA's
                                      :2847
                                              NA's
                                                    :527
##
                  qndlype
                                  gnnodnt
                                               qnspdrk1
     qnpa7day
gnspdrk2
## Min.
         :1.000
                 Min.
                        :1.000
                                Min. :1.000
                                              Min.
                                                    :1.000
                                                            Min.
:1.00
## 1st Qu.:2.000
                 1st Qu.:1.000
                                1st Qu.:2.000
                                              1st Qu.:2.000
                                                            1st
Qu.:2.00
## Median :2.000
                 Median :2.000
                                Median :2.000
                                              Median :2.000
                                                            Median
:2.00
## Mean
         :1.758
                 Mean :1.732
                                Mean :1.984
                                              Mean :1.871
                                                            Mean
:1.92
## 3rd Qu.:2.000
                 3rd Qu.:2.000
                                3rd Qu.:2.000
                                              3rd Qu.:2.000
                                                            3rd
Qu.:2.00
## Max. :2.000
                 Max. :2.000
                                Max. :2.000
                                              Max. :2.000
                                                            Max.
:2.00
## NA's :527 NA's :614 NA's :564
                                              NA's :3877
                                                            NA's
```

```
:3877
      gnspdrk3
                     gnwater1
                                    gnwater2
                                                                qnobese
##
                                                   gnwater3
                  Min. :1.000
                                 Min. :1.00
                                                Min. :1.000
                                                               Min.
## Min. :1.000
:1.000
## 1st Qu.:2.000
                  1st Qu.:1.000
                                  1st Qu.:1.00
                                                1st Qu.:1.000
                                                               1st
Qu.:2.000
                  Median :1.000
                                 Median :1.00
                                                Median :1.000
## Median :2.000
                                                               Median
:2.000
## Mean
          :1.956
                  Mean :1.255
                                  Mean :1.34
                                                Mean :1.494
                                                               Mean
:1.852
## 3rd Qu.:2.000
                  3rd Qu.:2.000
                                  3rd Qu.:2.00
                                                3rd Qu.:2.000
                                                               3rd
Qu.:2.000
## Max.
          :2.000
                  Max. :2.000
                                 Max. :2.00
                                                Max.
                                                       :2.000
                                                               Max.
:2.000
## NA's
          :3877
                  NA's
                       :4067
                                  NA's :4067
                                                NA's
                                                       :4067
                                                               NA's
:1619
##
       gnowt
                      weight
                                     stratum
                                                       psu
## Min.
          :1.000
                  Min.
                         :0.0442
                                   Min. :101.0
                                                  Min.
                                                       : 11170
   1st Qu.:2.000
                  1st Qu.:0.3572
                                   1st Qu.:103.0
                                                  1st Qu.:160270
##
##
   Median :2.000
                  Median :0.7535
                                   Median :114.0
                                                  Median :240450
## Mean
         :1.837
                  Mean
                         :1.0000
                                   Mean :154.4
                                                  Mean
                                                       :273095
##
   3rd Qu.:2.000
                  3rd Qu.:1.3419
                                   3rd Qu.:211.0
                                                  3rd Qu.:401130
##
   Max.
          :2.000
                  Max. :4.6923
                                   Max. :214.0
                                                        :550790
                                                  Max.
##
   NA's
          :1619
##
       bmipct
                     raceeth
                                     q6orig
                                                     q7orig
                                                 Min. : 0.0
## Min.
         : 0.00
                  Min. :1.000
                                  Min. : 0.0
##
   1st Qu.:41.72
                  1st Qu.:4.000
                                  1st Qu.:503.0
                                                 1st Qu.:122.0
## Median :69.31
                  Median :5.000
                                 Median :506.0
                                                 Median :140.0
## Mean
          :63.52
                  Mean
                        :5.001
                                 Mean
                                       :513.8
                                                 Mean :149.5
                                                 3rd Qu.:167.0
                  3rd Qu.:6.000
                                  3rd Qu.:509.0
##
   3rd Qu.:89.46
## Max.
          :99.97
                  Max. :8.000
                                  Max. :711.0
                                                 Max.
                                                       :399.0
## NA's
          :1619
                  NA's
                         :337
                                  NA's :824
                                                 NA's :1208
##
      gndayevp
                     gnfrevp
                                    qndayskl
                                                   gnfrskl
qndaycgr
## Min.
                         :1.00
                                                       :1.000
         :1.000
                  Min.
                                 Min.
                                       :1.000
                                                Min.
                                                               Min.
:1.00
## 1st Qu.:2.000
                  1st Qu.:2.00
                                 1st Qu.:2.000
                                                1st Qu.:2.000
                                                               1st
Qu.:2.00
## Median :2.000
                  Median :2.00
                                 Median :2.000
                                                Median :2.000
                                                               Median
:2.00
## Mean
          :1.979
                  Mean :1.97
                                 Mean
                                       :1.986
                                                Mean
                                                       :1.982
                                                               Mean
:1.99
                  3rd Qu.:2.00
                                 3rd Qu.:2.000
                                                3rd Qu.:2.000
## 3rd Qu.:2.000
                                                               3rd
Qu.:2.00
## Max.
          :2.000
                  Max. :2.00
                                       :2.000
                                                       :2.000
                                                               Max.
                                 Max.
                                                Max.
:2.00
## NA's
          :1921
                  NA's
                         :1921
                                 NA's
                                       :294
                                                NA's
                                                       :294
                                                               NA's
:354
##
      qnfrcgr
## Min. :1.000
```

```
## 1st Qu.:2.000

## Median :2.000

## Mean :1.986

## 3rd Qu.:2.000

## Max. :2.000

## NA's :354
```

Importing .dat files into R for YRBS 2015

raw2015YRBS <- read_sav("C:/Users/acrom/Google Drive/ASU Files/ASU WORK
PRODUCT_CONHI Program/ASU-NUR CE Prep/YRBS Datasets/ADC Dissertation-YRBS
Data Sets/2015YRBS-SPSS.sav")
View(raw2015YRBS)</pre>

Print Head and Summary of 2015 YRBS Data Frame

```
print("Top 6 Entries of data frame:")
## [1] "Top 6 Entries of data frame:"
head(raw2015YRBS)
## # A tibble: 6 × 239
                           Q3
                                   Q4
                                            Q5
                                                     Q6
                                                            Q7 Q8
                                                                        Q9
##
     Q1
                   Q2
Q10
                  <dbl+l> <dbl+l> <dbl+l> <dbl+l> <dbl+l> <dbl+l> <dbl+l>
##
     <dbl+lbl>
<dbl+1>
## 1 5 [16 years... 2 [Mal... 3 [11t... 2 [No] " C" 1.73 54.4 2 [Nev... 5 [Alw... 5
## 2 5 [16 years... 1 [Fem... 3 [11t... 1 [Yes] " ... 1.5
                                                          51.3 2 [Nev... 5 [Alw... 1
[0 t...
## 3 6 [17 years... 2 [Mal... 4 [12t... 2 [No] "
                                                ... 1.9
                                                          66.7 1 [Did... 5 [Alw... 1
[0 t...
                                                ... NA
## 4 6 [17 years... 2 [Mal... 4 [12t... 2 [No] "
                                                          NA
                                                               2 [Nev... 5 [Alw... 1
[0 t...
## 5 5 [16 years... 1 [Fem... 3 [11t... 2 [No] "
                                                ... 1.63 68.5 1 [Did... 4 [Mos... 3
[2 o...
## 6 7 [18 years... 2 [Mal... 4 [12t... 2 [No] " ... 1.7
                                                          59.9 2 [Nev... 5 [Alw... 1
[0 t...
## # i 229 more variables: Q11 <dbl+lbl>, Q12 <dbl+lbl>, Q13 <dbl+lbl>,
       Q14 <dbl+lbl>, Q15 <dbl+lbl>, Q16 <dbl+lbl>, Q17 <dbl+lbl>, Q18
<dbl+lbl>,
       Q19 <dbl+lbl>, Q20 <dbl+lbl>, Q21 <dbl+lbl>, Q22 <dbl+lbl>, Q23
## #
<dbl+lbl>,
       Q24 <dbl+lbl>, Q25 <dbl+lbl>, Q26 <dbl+lbl>, Q27 <dbl+lbl>, Q28
## #
<dbl+lbl>,
       Q29 <dbl+lbl>, Q30 <dbl+lbl>, Q31 <dbl+lbl>, Q32 <dbl+lbl>, Q33
## #
<dbl+lbl>,
## # Q34 <dbl+lbl>, Q35 <dbl+lbl>, Q36 <dbl+lbl>, Q37 <dbl+lbl>, Q38
```

```
<dbl+lbl>,
       Q39 <dbl+lbl>, Q40 <dbl+lbl>, Q41 <dbl+lbl>, Q42 <dbl+lbl>, ...
print("summary:")
## [1] "summary:"
summary(raw2015YRBS)
##
          Q1
                           Q2
                                         Q3
                                                          Q4
                                                           :1.000
##
   Min.
           :1.000
                    Min.
                            :1.0
                                   Min.
                                           :1.000
                                                    Min.
    1st Qu.:4.000
                    1st Qu.:1.0
                                   1st Qu.:1.000
                                                    1st Qu.:1.000
##
##
    Median :5.000
                    Median :1.0
                                   Median :2.000
                                                    Median :2.000
    Mean
                            :1.5
                                   Mean
##
           :5.044
                    Mean
                                           :2.466
                                                    Mean
                                                           :1.667
##
    3rd Qu.:6.000
                    3rd Qu.:2.0
                                   3rd Qu.:3.000
                                                    3rd Qu.:2.000
##
           :7.000
                            :2.0
                                           :5.000
                                                           :2.000
    Max.
                    Max.
                                   Max.
                                                    Max.
##
    NA's
           :66
                    NA's
                            :118
                                   NA's
                                           :117
                                                    NA's
                                                           :245
##
         Q5
                              Q6
                                              Q7
                                                                Q8
                                        Min. : 33.57
                                                                 :1.000
##
    Length: 15624
                        Min.
                               :1.270
                                                          Min.
                        1st Qu.:1.600
##
    Class :character
                                        1st Qu.: 55.79
                                                          1st Qu.:1.000
##
    Mode :character
                        Median :1.680
                                        Median : 63.50
                                                          Median :2.000
##
                        Mean
                               :1.687
                                        Mean
                                               : 67.78
                                                          Mean
                                                                  :2.038
##
                                        3rd Qu.: 75.75
                        3rd Qu.:1.750
                                                          3rd Qu.:2.000
##
                        Max.
                               :2.110
                                        Max.
                                                :180.99
                                                          Max.
                                                                  :6.000
                               :1266
                                                :1266
##
                        NA's
                                        NA's
                                                          NA's
                                                                  :2462
##
          Q9
                         Q10
                                          Q11
                                                           Q12
##
    Min.
          :1.000
                          :1.000
                                     Min.
                                            :1.000
                                                      Min.
                                                             :1.000
                    Min.
                                     1st Qu.:1.000
##
    1st Qu.:4.000
                    1st Qu.:1.000
                                                      1st Qu.:1.000
##
    Median :5.000
                    Median :1.000
                                     Median :2.000
                                                      Median :2.000
   Mean
           :4.373
                    Mean
                            :1.452
                                     Mean
                                            :1.713
                                                      Mean
                                                            :2.344
##
    3rd Qu.:5.000
                    3rd Qu.:1.000
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
##
    Max.
           :5.000
                    Max.
                            :5.000
                                     Max.
                                             :6.000
                                                      Max.
                                                             :8.000
##
    NA's
           :1554
                    NA's
                            :69
                                     NA's
                                             :1709
                                                      NA's
                                                             :967
         Q13
                          Q14
                                          Q15
                                                                           Q17
##
                                                           Q16
## Min.
           :1.000
                    Min.
                            :1.000
                                     Min.
                                             :1.000
                                                      Min.
                                                             :1.00
                                                                      Min.
:1.000
## 1st Qu.:1.000
                    1st Qu.:1.000
                                     1st Qu.:1.000
                                                      1st Qu.:1.00
                                                                      1st
Qu.:1.000
## Median :1.000
                    Median :1.000
                                     Median :1.000
                                                      Median :1.00
                                                                      Median
:1.000
           :1.503
                    Mean
                                     Mean
                                             :1.125
                                                             :1.12
                                                                      Mean
## Mean
                            :1.128
                                                      Mean
:1.163
## 3rd Qu.:1.000
                    3rd Qu.:1.000
                                     3rd Qu.:1.000
                                                      3rd Qu.:1.00
                                                                      3rd
Qu.:1.000
## Max.
           :5.000
                            :5.000
                                             :5.000
                                                             :5.00
                    Max.
                                     Max.
                                                      Max.
                                                                      Max.
:8.000
## NA's
           :1201
                    NA's
                            :2361
                                     NA's
                                             :156
                                                      NA's
                                                              :61
                                                                      NA's
:631
                         Q19
                                           Q20
                                                           Q21
##
         018
                            :1.000
                                             :1.000
## Min.
           :1.000
                    Min.
                                     Min.
                                                      Min.
                                                              :1.000
                                     1st Qu.:1.000
## 1st Qu.:1.000
                    1st Qu.:1.000
                                                      1st Qu.:2.000
```

## Median :1.000 ## Mean :1.483 ## 3rd Qu.:1.000	Median :1.000 Mean :1.048 3rd Qu.:1.000	Mean :1.157 3rd Qu.:1.000	Median :2.000 Mean :1.925 3rd Qu.:2.000	
## Max. :8.000 ## NA's :2500	Max. :5.000 NA's :2284	Max. :8.000 NA's :292	Max. :2.000 NA's :728	
## Q22	Q23	Q24	Q25	Q26
## Min. :1.000 :1.00			Min. :1.000	Min.
## 1st Qu.:1.000 Qu.:1.00	1st Qu.:1.000	1st Qu.:2.000	1st Qu.:2.000	1st
## Median :2.000 :2.00	Median :2.000	Median :2.000	Median :2.000	Median
## Mean :1.842 :1.69	Mean :1.851	Mean :1.809	Mean :1.853	Mean
## 3rd Qu.:2.000 Qu.:2.00	3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.000	3rd
## Max. :6.000 :2.00	Max. :6.000	Max. :2.000	Max. :2.000	Max.
## NA's :540 :169	NA's :1075	NA's :176	NA's :159	NA's
## Q27	028	Q 29	030	Q31
## Min. :1.000 :1.000		Min. :1.000		Min.
## 1st Qu.:2.000 Qu.:1.000	1st Qu.:2.000	1st Qu.:1.000	1st Qu.:1.00	1st
## Median :2.000 :2.000	Median :2.000	Median :1.000	Median :1.00	Median
## Mean :1.818 :1.663	Mean :1.846	Mean :1.167	Mean :1.16	Mean
## 3rd Qu.:2.000 Qu.:2.000	3rd Qu.:2.000	3rd Qu.:1.000	3rd Qu.:1.00	3rd
## Max. :2.000 :2.000	Max. :2.000	Max. :5.000	Max. :3.00	Max.
## NA's :190 :1825	NA's :483	NA's :3057	NA's :3293	NA's
## Q32	Q33	Q34	Q35	
## Min. :1.000	Min. :1.000	Min. :1.000	Min. :1.000	
## 1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	
## Median :1.000	Median :1.000	Median :1.000	Median :1.000	
## Mean :1.985	Mean :1.337	Mean :1.277	Mean :1.388	
## 3rd Qu.:2.000	3rd Qu.:1.000	3rd Qu.:1.000	3rd Qu.:1.000	
## Max. :7.000	Max. :7.000	Max. :7.000	Max. :8.000	
## NA's :805	NA's :635	NA's :827	NA's :1198	
## Q36	Q37	Q38	Q39	Q40
## Min. :1.000 :1.000	Min. :1.000	Min. :1.000	Min. :1.00	Min.
## 1st Qu.:1.000 Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.00	1st
## Median :1.000 :1.000	Median :1.000	Median :1.000	Median :2.00	Median

```
## Mean
                    Mean :1.243
                                    Mean :1.241
                                                     Mean :1.53
                                                                    Mean
           :1.217
:1.604
## 3rd Qu.:1.000
                    3rd Qu.:1.000
                                    3rd Qu.:1.000
                                                     3rd Qu.:2.00
                                                                    3rd
Qu.:2.000
                           :7.000
## Max.
           :3.000
                    Max.
                                    Max.
                                            :7.000
                                                     Max.
                                                            :2.00
                                                                    Max.
:7.000
## NA's
           :2336
                    NA's
                           :478
                                    NA's
                                            :439
                                                     NA's
                                                            :533
                                                                    NA's
:306
                         Q42
                                         Q43
                                                         Q44
                                                                         Q45
##
         Q41
## Min.
           :1.000
                    Min.
                           :1.00
                                   Min. :1.000
                                                    Min.
                                                           :1.000
                                                                    Min.
:1.000
## 1st Qu.:1.000
                    1st Qu.:1.00
                                                    1st Qu.:1.000
                                    1st Qu.:1.000
                                                                    1st
Qu.:1.000
## Median :2.000
                    Median :4.00
                                   Median :1.000
                                                    Median :1.000
                                                                    Median
:1.000
## Mean
           :2.778
                    Mean
                           :3.42
                                   Mean
                                           :1.625
                                                    Mean
                                                           :1.405
                                                                    Mean
:2.084
## 3rd Qu.:4.000
                    3rd Qu.:5.00
                                   3rd Qu.:2.000
                                                    3rd Qu.:1.000
                                                                    3rd
Qu.:2.000
## Max.
           :7.000
                    Max.
                           :7.00
                                   Max.
                                           :7.000
                                                    Max.
                                                           :7.000
                                                                    Max.
:8.000
## NA's
                    NA's
                           :367
                                   NA's
                                           :1510
                                                    NA's
                                                                    NA's
           :575
                                                           :657
:4027
##
         Q46
                         Q47
                                          Q48
                                                          Q49
                           :1.000
                                            :1.000
                                                            :1.000
##
  Min.
           :1.000
                    Min.
                                    Min.
                                                     Min.
##
    1st Qu.:1.000
                    1st Qu.:1.000
                                    1st Qu.:1.000
                                                     1st Qu.:1.000
   Median :1.000
                    Median :1.000
                                    Median :1.000
                                                     Median :1.000
##
           :2.677
                                                            :1.577
##
   Mean
                    Mean
                          :2.366
                                    Mean
                                           :2.661
                                                     Mean
##
    3rd Qu.:5.000
                    3rd Qu.:3.000
                                    3rd Qu.:5.000
                                                     3rd Qu.:1.000
##
   Max.
           :8.000
                    Max.
                           :7.000
                                    Max.
                                           :7.000
                                                     Max.
                                                            :6.000
           :1819
                           :467
                                                            :374
##
    NA's
                    NA's
                                    NA's
                                            :426
                                                     NA's
##
         Q50
                         Q51
                                          Q52
                                                          Q53
##
   Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                            :1.000
                                                     Min.
                                                            :1.000
    1st Qu.:1.000
                    1st Qu.:1.000
                                    1st Qu.:1.000
##
                                                     1st Qu.:1.000
##
   Median :1.000
                    Median :1.000
                                    Median :1.000
                                                     Median :1.000
##
   Mean
           :1.135
                                    Mean
                                            :1.069
                                                     Mean
                    Mean
                           :1.154
                                                            :1.089
    3rd Qu.:1.000
                    3rd Qu.:1.000
                                     3rd Qu.:1.000
                                                     3rd Qu.:1.000
##
##
   Max.
           :6.000
                           :6.000
                                    Max.
                                            :6.000
                                                     Max.
                                                            :6.000
                    Max.
   NA's
           :192
                    NA's
                           :466
                                    NA's
                                            :200
                                                     NA's
                                                            :735
##
##
         Q54
                                                                          Q58
                         Q55
                                          Q56
                                                          Q57
## Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                           :1.000
                                                     Min.
                                                            :1.000
                                                                     Min.
:1.00
## 1st Qu.:1.000
                    1st Qu.:1.000
                                    1st Qu.:1.000
                                                     1st Qu.:1.000
                                                                     1st
Qu.:1.00
## Median :1.000
                    Median :1.000
                                    Median :1.000
                                                     Median :1.000
                                                                     Median
:1.00
## Mean
           :1.117
                    Mean
                           :1.202
                                    Mean
                                            :1.098
                                                     Mean
                                                            :1.404
                                                                     Mean
:1.03
## 3rd Qu.:1.000
                    3rd Qu.:1.000
                                    3rd Qu.:1.000
                                                     3rd Qu.:1.000
                                                                     3rd
Qu.:1.00
```

## Max.:	:6.000	Max.	:6.000	Max.	:6.000	Max.	:6.000	Max.
## NA's	:227	NA's	:174	NA's	:459	NA's	:257	NA's
:838	,	10/1 3	• = / .	1471 3	. 133	107.5	. 237	10.1 3
## Q	EΩ	0	50	,	161	C	162	
## M÷ \	ودر	V. M÷	.1 000	M÷	.1 000	M÷ ~	.1 000	
	:1.000		:1.000		:1.000		:1.000	
_	1.:2.000	_	.:1.000	_	1.:1.000	_	1.:1.000	
	:2.000		:2.000		1.000		:1.000	
	:1.764				:2.935		:2.105	
	1.:2.000	_		_	ı.:5.000	3rd Qu	1.:3.000	
## Max.	:2.000	Max.	:2.000	Max.	:8.000	Max.	:7.000	
## NA's	:828	NA's	:1636	NA's	:1692	NA's	:1714	
	63						266	
## Min.	:1.000	Min.	:1.000		:1.000	Min.	:1.000	
	1.:1.000		.:1.000		1.:1.000		1.:1.000	
_	:1.000		:1.000	_	1.000		1.000	
	:1.883		:1.766		:1.592		:2.287	
_	1.:3.000	_		_	1.:2.000		1.:4.000	
	:8.000				:3.000		:8.000	
	:1714	NA's	:2167	NA's	:1833	NA's	:1967	
## Q ## Min.	67	Q	68	Qe	59	Q7	'0	Q71
## Min.	:1.000	Min.	:1.00	Min.	:1.000	Min.	:1.000	Min.
:1.000								
## 1st Qu	.:1.000	1st Ou	.:1.00	1st Ou.	:3.000	1st Ou.	:1.000	1st
Qu.:2.000				•		•		
## Median		Median	:1.00	Median	:3.000	Median	.2 000	Median
:2.000	.2.000	ricaran	.1.00	ricatan	.3.000	ricatan	.2.000	ricatan
## Mean	·1 Q75	Moan	:1.25	Moan	:3.203	Mean	.2 021	Mean
	.1.0/3	Mean	.1.23	Mean	.3.203	nean	.2.031	riean
:2.667		24 0	.1.00	24 0	. 4. 000	24 0	. 2. 000	24
## 3rd Qu		3ra Qu	.:1.00	3ra Qu.	:4.000	3ra Qu.	:3.000	3rd
Qu.:3.000								
## Max.		Max.	:4.00	Max.	:5.000	Max.	:4.000	Max.
:7.000								
## NA's	:1229	NA's	:921	NA's	:304	NA's	:1780	NA's
:263								
## Q	72	Q.	73	Q7	7 4	Q7	' 5	Q76
## Min.		Min.	:1.00	Min.	:1.000	Min.	:1.000	Min.
:1.00		,						
	.:2.000	1s+ ∩u	.:1.00	1s+ ∩u	:1.000	1c+ ∩u	:1.000	1st
Qu.:2.00	1	13C Qu		ist Qu.	.1.000	ist Qu.	.1.000	130
_		Madian	. 2 . 00	Madian	. 2 . 000	Madian	.1 000	Madian
	:3.000	Median	:2.00	Median	:2.000	Median	:1.000	Median
:2.00								
## Mean	:3.185	Mean	:2.03	Mean	:2.041	Mean	:1.773	Mean
:2.64								
## 3rd Qu	.:4.000	3rd Qu	.:2.00	3rd Qu.	:2.000	3rd Qu.	:2.000	3rd
Qu.:3.00								
## Max.	:7.000	Max.	:7.00	Max.	:7.000	Max.	:7.000	Max.
:7.00		·						
## NA's	:290	NA's	:315	NA's	:291	NA's	:310	NA's
:319				,. 5	, _ , _		.510	5
. 515								

```
Q77
##
                         078
                                         079
                                                         080
                    Min.
                                    Min.
##
   Min.
           :1.000
                           :1.000
                                           :1.000
                                                    Min.
                                                           :1.000
##
    1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:3.000
                                                    1st Qu.:3.000
   Median :2.000
                    Median :3.000
                                    Median :5.000
                                                    Median:5.000
##
##
   Mean
         :2.656
                    Mean
                         :3.042
                                    Mean
                                         :5.125
                                                    Mean :4.897
                    3rd Qu.:4.000
##
    3rd Qu.:3.000
                                    3rd Qu.:8.000
                                                    3rd Qu.:8.000
    Max.
          :7.000
                    Max. :7.000
                                    Max. :8.000
                                                    Max. :8.000
##
##
    NA's
           :332
                    NA's
                           : 2409
                                    NA's
                                          :1768
                                                    NA's
                                                           :379
##
         Q81
                         Q82
                                         Q83
                                                         Q84
##
                    Min.
                           :1.000
                                           :1.000
    Min.
           :1.000
                                    Min.
                                                    Min.
                                                           :1.000
##
    1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:1.000
                                                    1st Qu.:1.000
   Median :3.000
                                    Median :2.000
                                                    Median :2.000
##
                    Median :4.000
##
           :3.358
    Mean
                    Mean
                           :4.017
                                    Mean
                                          :3.129
                                                    Mean
                                                           :1.932
##
    3rd Qu.:5.000
                    3rd Qu.:6.000
                                    3rd Qu.:6.000
                                                    3rd Qu.:3.000
##
           :7.000
                           :7.000
                                    Max.
    Max.
                    Max.
                                           :6.000
                                                    Max.
                                                           :4.000
##
    NA's
           :500
                    NA's
                           :446
                                    NA's
                                           :452
                                                    NA's
                                                         :2502
##
        Q85
                         086
                                         Q87
                                                         Q88
##
                    Min.
    Min.
           :1.000
                           :1.000
                                    Min.
                                          :1.000
                                                    Min. :1.000
##
    1st Qu.:2.000
                    1st Qu.:1.000
                                    1st Qu.:2.000
                                                    1st Qu.:3.000
##
   Median :2.000
                    Median :1.000
                                    Median :2.000
                                                    Median:4.000
##
           :2.006
                           :1.624
                                           :1.816
   Mean
                    Mean
                                    Mean
                                                    Mean
                                                         :3.656
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                    3rd Qu.:5.000
##
                           :5.000
   Max.
           :3.000
                    Max.
                                    Max.
                                           :3.000
                                                    Max.
                                                           :7.000
##
    NA's
           :728
                    NA's
                           :769
                                    NA's
                                          :1612
                                                    NA's
                                                          :1090
                         090
                                         091
                                                        092
                                                                        093
##
         089
## Min.
           :1.000
                    Min. :1.000
                                    Min. :1.00
                                                   Min. :1.000
                                                                   Min.
:1.000
## 1st Qu.:1.000
                    1st Qu.:1.000
                                    1st Qu.:1.00
                                                   1st Qu.:1.000
                                                                   1st
Qu.:3.000
                    Median :1.000
                                    Median :1.00
                                                   Median :2.000
## Median :2.000
                                                                   Median
:5.000
## Mean
                                                          :2.209
                                                                   Mean
           :2.215
                    Mean
                           :1.289
                                    Mean
                                           :1.13
                                                   Mean
:5.009
                    3rd Qu.:1.000
## 3rd Qu.:3.000
                                    3rd Qu.:1.00
                                                   3rd Qu.:3.000
                                                                   3rd
Qu.:7.000
## Max.
                                    Max. :6.00
           :7.000
                    Max. :6.000
                                                   Max.
                                                          :7.000
                                                                   Max.
:7.000
## NA's
           :855
                    NA's
                           :4478
                                    NA's
                                           :4212
                                                   NA's
                                                          :4319
                                                                   NA's
:4274
         Q94
                         Q95
                                        Q96
                                                        Q97
##
                                                                        Q98
## Min.
           :1.000
                    Min.
                           :1.00
                                   Min.
                                        :1.000
                                                   Min.
                                                          :1.000
                                                                   Min.
:1.000
## 1st Qu.:2.000
                    1st Qu.:1.00
                                   1st Qu.:1.000
                                                   1st Qu.:1.000
                                                                   1st
Qu.:1.000
## Median :2.000
                    Median :4.00
                                   Median :1.000
                                                   Median :2.000
                                                                   Median
:2.000
## Mean
           :1.951
                    Mean
                           :3.95
                                          :1.169
                                                          :2.319
                                                                   Mean
                                   Mean
                                                   Mean
:1.685
## 3rd Qu.:2.000
                    3rd Qu.:6.00
                                   3rd Qu.:1.000
                                                   3rd Qu.:3.000
                                                                   3rd
Qu.:2.000
```

## Max.										
14507		:3.000	Max.	:8.00	Max.	:6.000	Max.	:6.000	Max.	
## Min. :1.000 Min	## NA's	:4375	NA's	:4304	NA's	:4427	NA's	:4439	NA's	
## Min. :1.000										
## 1st Qu.:1.000	## Q	99	Q	N8		QN9		QN10		
## Median :1.000	## Min.	:1.000	Min.	:1.000	Min.	:1.000	Min.	:1.000		
## Median :1.000	## 1st Qu	.:1.000	1st Qu	.:1.000	1st Q	u.:2.000	1st Q	u.:2.000		
## Mean :1.202 Mean :1.153 Mean :1.938 Mean :1.781	## Median	:1.000	Median	:1.000	Media	n :2.000	Media	n :2.000		
## Max. :4.000 Max. :2.000 Max	## Mean	:1.202				:1.938	Mean	:1.781		
## Max. :4.000 Max. :2.000 Max										
## NA's :4411	## Max.	:4.000	_		_	•	_			
## Min. :1.000 Median :2.000 Media										
## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000										
## 1st Qu.:2.000						_				
## Median :2.000										
## Mean :1.911 Mean :1.607 Mean :1.825 Mean :1.946 ## 3rd Qu::2.000 3rd Qu::2.000 3rd Qu::2.000 ## Max. :2.000 Max. :2.000 Max. :2.000 Max. :2.000 ## Max. :7192 NA's :6836 NA's :1201 NA's :2361 ## QN15 QN16 QN17 QN18 QN19 ## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.00 Min. :1.00 ## St Qu::2.000 Median :2.000 Median :2.000 Median :2.00 Med	_		_		_		_			
## 3rd Qu.:2.000										
## Max. :2.000										
## NA's :7192	_						-			
## Min. :1.000 Median :2.000 Ist Qu.:2.000 Median :2.000 Min. :1.000										
## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.00 Min. :1.000 Median :2.000 Median :2.000 Median :2.00 Median :2.000 Med										ON19
:1.00 ## 1st Qu.:2.000	## Min	•1 000	Min	.1 000	Min	·1 000	Min	•1 00		-
## 1st Qu.:2.000		.1.000	11111	.1.000	11111	.1.000	11111	.1.00	11111	
Qu.:2.00 ## Median :2.000		.2 000	1c+ ∩u	. 2 000	1c+ ∩	•2 000	1c+ ∩	2 00	1c+	
## Median :2.000	_		ist Qu	2.000	13 C Q	u2.000	13t Q	u	130	
:2.00 ## Mean :1.954 Mean :1.937 Mean :1.937 Mean :1.78 Mean :1.97 ## 3rd Qu.:2.000 3rd Qu.:2.000 3rd Qu.:2.000 3rd Qu.:2.00 3rd Qu.:2.00 3rd Qu.:2.00 Max. :2.00 Median :2.000 Median :2.000 Median :2.000 Median :2.000 Median :2.000 Median :2.000 Max. :2.	_	.2 000	Modian	. 2 000	Modia	n • 2 000	Modia	n • 2 00	Modi	an
## Mean :1.954 Mean :1.937 Mean :1.937 Mean :1.78 Mean :1.97 ## 3rd Qu.:2.000		.2.000	ricutaii	.2.000	пецта	11 .2.000	пецта	11 .2.00	MEGI	all
:1.97 ## 3rd Qu.:2.000		.1 05/	Moan	•1 037	Moan	•1 037	Moan	•1 70	Moan	
## 3rd Qu.:2.000		.1.954	rican	.1.937	rican	.1.937	rican	.1.70	rican	
Qu.:2.00 ## Max. :2.000 Max. :2.000 Max. :2.000 Max. :2.00 Max. :2.00 Max. :2.00 ## NA's :156 NA's :61 NA's :631 NA's :2500 NA's :2284 ## QN20 QN21 QN22 QN23 ## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 Median :2.000 ## Median :2.000 Median :2.000 Median :2.000 Median :2.000 ## Mean :1.918 Mean :1.925 Mean :1.898 Mean :1.894 ## 3rd Qu.:2.000 3rd Qu.:2.000 3rd Qu.:2.000 3rd Qu.:2.000 ## Max. :2.000 Max. :2.000 Max. :2.000 Max. :2.000 ## NA's :292 NA's :728 NA's :5123 NA's :5444 ## QN24 QN25 QN26 QN27 QN28 ## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000 Ist Qu.:2.000 Ist Qu.:2.000 Ist Qu.:2.000 Ist Qu.:2.000 Median :2.000 Media		.2 000	3nd Ou	. 2 000	3nd 0	2 000	3nd 0	2 00	3nd	
## Max. :2.000 Max. :2.000 Max. :2.000 Max. :2.000 Max. :2.00 Max. :2.00 Max. :2.00 Max. :2.00 Max. :2.000 NA's :2284	_	2.000	Ji u Qu	2.000	Ji u Q	u2.000	Ji u Q	u2.00	Ji u	
:2.00 ## NA's :156	-	.2 000	May	. 2 000	May	.2 000	May	.2 00	May	
## NA's :156		.2.000	riax.	.2.000	riax.	.2.000	riax.	.2.00	riax.	
:2284 ## QN20 QN21 QN22 QN23 ## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 Median :2.000 ## Median :2.000 Median :2.000 Median :2.000 Median :2.000 ## Mean :1.918 Mean :1.925 Mean :1.898 Mean :1.894 ## 3rd Qu.:2.000 3rd Qu.:2.000 3rd Qu.:2.000 ## Max. :2.000 Max. :2.000 Max. :2.000 Max. :2.000 ## NA's :292 NA's :728 NA's :5123 NA's :5444 ## QN24 QN25 QN26 QN27 QN28 ## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 Ist Qu.:2.000 ## Median :2.000 Median :2.000 Median :2.000 Median :2.000 Median		.156	NA'c	. 61	NA'c	•621	NA'c	.2500	NA'c	
## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000 1st Qu.:2.000 Median :2.000 Median :2.000 Median :2.000 ## Mean :1.918 Mean :1.925 Mean :1.898 Mean :1.894 ## 3rd Qu.:2.000 3rd Qu.:2.000 3rd Qu.:2.000 ## Max. :2.000 Max. :2.000 Max. :2.000 ## NA's :292 NA's :728 NA's :5123 NA's :5444 ## QN24 QN25 QN26 QN27 QN28 ## Min. :1.000 Median :2.000 Med		.136	NA S	.01	NA S	.031	NA S	.2300	NA S	
## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000		MIZA	0	N) 21		ON22		UN 2 2		
## 1st Qu.:2.000	_	•	-			•		-		
## Median :2.000										
## Mean :1.918 Mean :1.925 Mean :1.898 Mean :1.894 ## 3rd Qu.:2.000 3rd Qu.:2.000 3rd Qu.:2.000 ## Max. :2.000 Max. :2.000 Max. :2.000 ## NA's :292 NA's :728 NA's :5123 NA's :5444 ## QN24 QN25 QN26 QN27 QN28 ## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 ## Median :2.000 Median :2.000 Median :2.000 Median	_									
## 3rd Qu.:2.000										
## Max. :2.000 Max. :2.000 Max. :2.000 Max. :2.000 ## NA's :292 NA's :728 NA's :5123 NA's :5444 ## QN24 QN25 QN26 QN27 QN28 ## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 ## Median :2.000 Median :2.000 Median :2.000 Median										
## NA's :292 NA's :728 NA's :5123 NA's :5444 ## QN24 QN25 QN26 QN27 QN28 ## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:1.00 1st Qu.:2.000 1st Qu.:2.000 ## Median :2.000 Median :2.000 Median :2.000 Median	_				_		_			
## QN24 QN25 QN26 QN27 QN28 ## Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 Min. :1.000 ## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:1.00 1st Qu.:2.000 1st Qu.:2.000 ## Median :2.000 Median :2.000 Median :2.000 Median										
## Min. :1.000 Min. :1.000 Min. :1.00 Min. :1.000 Min. :1.000 Hin. :1.000 ## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 ## Median :2.000 Median :2.000 Median :2.000 Median										01100
:1.000 ## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:1.00 1st Qu.:2.000 1st Qu.:2.000 ## Median :2.000 Median :2.000 Median :2.000 Median	~		_			•	_			QN28
## 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000 1st Qu.:2.000		:1.000	Min.	:1.000	Min.	:1.00	Min.	:1.000	Min.	
Qu.:2.000 ## Median :2.000 Median :2.000 Median :2.000 Median		2 222	4	2 222			4	2 222	4 .	
## Median :2.000 Median :2.000 Median :2.000 Median	_	.:2.000	1st Qu	.:2.000	1st Q	u.:1.00	1st Qu	.:2.000	1st	
	_									
:2.000		:2.000	Median	:2.000	Media	n :2.00	Median	:2.000	Media	an
	:2.000									

## Mean :	1.809	Mean	:1.853	Mean	:1.69	Mean	:1.818	Mean	
:1.846	1.005	rican	.1.055	rican	.1.05	rican	.1.010	rican	
## 3rd Qu.: Qu.:2.000	2.000	3rd Qu.	:2.000	3rd Qu	.:2.00	3rd Qu.	:2.000	3rd	
## Max. :	2.000	Max.	:2.000	Max.	:2.00	Max.	:2.000	Max.	
:2.000 ## NA's :	176	NA'c	.150	NA'c	.160	NA'c	:190	NA's	
:483	170	IVA 3	.139	IVA 3	.109	IVA 3	.190	IVA 3	
## QN2	9	QN	130	Q	N31	Ç	N32		QN33
## Min. :	1.000	Min.	:1.000	Min.	:1.000	Min.	:1.000	Min.	
:1.00									
## 1st Qu.:	2.000	1st Qu.	:2.000	1st Qu	.:1.000	1st Qu	ı.:2.000	1st	
Qu.:2.00									
## Median :	2.000	Median	:2.000	Median	:2.000	Mediar	1 :2.000	Medi	.an
:2.00									
## Mean :	1.904	Mean	:1.968	Mean	:1.663	Mean	:1.925	Mean	l
:1.89									
## 3rd Qu.:	2.000	3rd Qu.	:2.000	3rd Qu	.:2.000	3rd Qu	ı.:2.000	3rd	
Qu.:2.00	2 000	Maria	. 2. 000	M	. 2. 000	M	. 2 . 000	M	
## Max. :	2.000	Max.	:2.000	Max.	:2.000	Max.	:2.000	Max.	
:2.00	2057	NA ' c	• 2202	NA 'c	.1025	NA!c	.005	NA!	
## NA's : :635	3057	NA S	. 3293	INA S	.1025	IVA S	:805	NA's	•
## QN3	1	01	125	0	N26	(ากเวิว		
## Min. :									
							1.:2.000		
## 1st Qu.: ## Median :		Modian	:2.00	Modian	:2.000		12.000		
## Mean :			:1.87		:1.529		:1.926		
## 3rd Qu.:		_		•	.:2.000	_	1.:2.000		
## Max. :					:2.000		:2.000		
## NA's :					:14298		:478		01140
## QN3		ND	139	QN	40	Q١	∖41 :1.000		QN42
## Min. :	1.000	Min.	:1.00	Mın.	:1.000	Min.	:1.000	Min.	
:1.000	2 222	4 . 0	4 00	4 1 0	4 000	4	4 000		
## 1st Qu.: Qu.:2.000	2.000	ist Qu.	:1.00	ist Qu.	:1.000	ist Qu.	:1.000	1st	
## Median :	2 000	Median	:2.00	Median	.2 000	Madian	:1.000	Media	n
:2.000	2.000	ricutan	.2.00	пеатап	.2.000	Median	.1.000	пецта	
## Mean :	1 896	Mean	:1.53	Mean	·1 745	Mean	:1.359	Mean	
:1.815	1.050	rican	.1.55	rican	/	rican	.1.333	rican	
## 3rd Qu.:	2 000	3rd Ou	.2 00	3rd Ou	:2.000	3rd Ou	.2 000	3rd	
Qu.:2.000	2.000	Ji a Qa	.2.00	Ji u Qu.	.2.000	Ji u Qu.	.2.000	J. u	
_	2.000	Max.	.2.00	Max.	.2.000	Max.	.2.000	Max.	
:2.000		. 107.							
## NA's :	439	NA's	:533	NA's	:306	NA's	:575	NA's	
:367									
## QN4	.3	ON4	14	ON	45	ON	1 46		QN47
					:1.000		:1.000	Min.	Ç
:1.000									
## 1st Qu.:	1.00	1st Qu.:	2.000	1st Qu.	:2.000	1st Qu.	:1.000	1st	

```
Ou.:1.000
                 Median :2.000
                               Median :2.000
                                              Median :2.000
                                                            Median
## Median :2.00
:2.000
## Mean
                 Mean :1.818
                               Mean :1.954
                                              Mean :1.564
                                                            Mean
          :1.67
:1.601
## 3rd Qu.:2.00
                 3rd Qu.:2.000
                               3rd Qu.:2.000
                                              3rd Qu.:2.000
                                                            3rd
Ou.:2.000
## Max. :2.00
                 Max. :2.000
                               Max. :2.000
                                              Max. :2.000
                                                            Max.
:2.000
## NA's
          :1510
                 NA's :657
                               NA's :4027
                                              NA's
                                                    :11188
                                                            NA's
:467
##
       QN48
                      QN49
                                    QN50
                                                  QN51
                                                                 QN52
## Min. :1.000
                  Min. :1.00
                               Min. :1.000
                                              Min. :1.000
                                                            Min.
:1.000
## 1st Qu.:2.000
                  1st Qu.:2.00
                               1st Qu.:2.000
                                              1st Qu.:2.000
                                                            1st
Qu.:2.000
## Median :2.000
                  Median :2.00
                               Median :2.000
                                              Median :2.000
                                                            Median
:2.000
## Mean
                               Mean :1.941
                                              Mean :1.925
          :1.912
                  Mean :1.78
                                                            Mean
:1.976
## 3rd Qu.:2.000
                  3rd Qu.:2.00
                               3rd Qu.:2.000
                                              3rd Qu.:2.000
                                                            3rd
Qu.:2.000
## Max. :2.000
                  Max. :2.00
                               Max. :2.000
                                              Max. :2.000
                                                            Max.
:2.000
## NA's :426
                  NA's :374
                               NA's :192
                                                            NA's
                                              NA's :466
:200
##
       QN53
                   QN54
                                     QN55
                                                   QN56
## Min. :1.000
                  Min. :1.000
                                Min. :1.000
                                               Min. :1.000
   1st Qu.:2.000
                  1st Qu.:2.000
                                1st Qu.:2.000
##
                                               1st Qu.:2.000
##
  Median :2.000
                  Median :2.000
                                Median :2.000
                                               Median :2.000
                  Mean :1.944
                                Mean :1.899
                                               Mean :1.961
##
   Mean :1.966
##
   3rd Qu.:2.000
                  3rd Qu.:2.000
                                3rd Qu.:2.000
                                               3rd Qu.:2.000
##
   Max.
        :2.000
                  Max. :2.000
                                Max. :2.000
                                               Max. :2.000
   NA's :735
                  NA's :227
                                NA's :174
                                               NA's :459
##
   QN57
                  QN58
                                               QN60
##
                                QN59
   Min. :1.000
                  Min. :1.000
                                Min. :1.000
##
                                               Min. :1.000
   1st Qu.:2.000
                  1st Qu.:2.000
                                1st Qu.:2.000
                                               1st Qu.:1.000
##
##
   Median :2.000
                  Median :2.000
                                Median :2.000
                                               Median :2.000
##
   Mean :1.827
                  Mean :1.981
                                Mean :1.764
                                               Mean :1.574
##
   3rd Qu.:2.000
                  3rd Qu.:2.000
                                3rd Qu.:2.000
                                               3rd Qu.:2.000
##
   Max.
        :2.000
                  Max. :2.000
                                Max. :2.000
                                               Max. :2.000
                  NA's :838
                                NA's :828
                                               NA's :1636
##
   NA's
        :257
                  QN62
                                QN63
##
   QN61
                                               QN64
   Min. :1.000
                  Min. :1.000
                                Min. :1.000
                                               Min. :1.000
##
   1st Qu.:2.000
                  1st Qu.:2.000
                                1st Qu.:1.000
                                               1st Qu.:2.000
##
##
   Median :2.000
                  Median :2.000
                                Median :2.000
                                               Median :2.000
##
   Mean :1.953
                  Mean :1.885
                                Mean :1.691
                                               Mean :1.783
   3rd Qu.:2.000
                  3rd Qu.:2.000
                                3rd Qu.:2.000
                                               3rd Qu.:2.000
##
##
   Max. :2.000
                  Max. :2.000
                                Max. :2.000
                                               Max. :2.000
   NA's :1692
                  NA's :1714
                                NA's :1714
                                               NA's :11464
```

```
## ON65
                       QN66
                                      QN67
                                                     ON68
   Min. :1.000
                  Min. :1.000
                                 Min. :1.000
                                                Min. :1.000
##
   1st Qu.:1.000
                  1st Qu.:2.000
                                 1st Qu.:1.000
                                                1st Qu.:2.000
                                 Median :1.000
##
   Median :1.000
                  Median :2.000
                                                Median :2.000
##
   Mean
        :1.444
                  Mean :1.825
                                 Mean :1.447
                                                Mean :1.915
##
   3rd Qu.:2.000
                  3rd Qu.:2.000
                                 3rd Qu.:2.000
                                                3rd Qu.:2.000
   Max. :2.000
                  Max. :2.000
                                 Max. :2.000
                                                Max. :2.000
##
##
   NA's
        :11428
                  NA's :11553
                                 NA's :1229
                                                NA's :921
##
        QN69
                       QN70
                                      QN71
                                                    QN72
##
   Min. :1.000
                  Min. :1.000
                                 Min. :1.000
                                                Min. :1.000
##
   1st Qu.:1.000
                  1st Qu.:1.000
                                 1st Qu.:2.000
                                                1st Qu.:2.000
                                 Median :2.000
##
   Median :2.000
                  Median :2.000
                                                Median :2.000
##
   Mean
        :1.673
                  Mean :1.518
                                 Mean :1.762
                                                Mean :1.893
##
   3rd Qu.:2.000
                  3rd Qu.:2.000
                                 3rd Qu.:2.000
                                                3rd Qu.:2.000
##
          :2.000
   Max.
                  Max. :2.000
                                 Max. :2.000
                                                Max.
                                                      :2.000
##
   NA's
          :304
                  NA's :1780
                                 NA's :263
                                                NA's :290
##
    QN73
                  QN74
                                 QN75
                                                QN76
                  Min. :1.000
                                 Min. :1.000
##
   Min. :1.000
                                                Min. :1.000
##
   1st Qu.:1.000
                  1st Qu.:1.000
                                 1st Qu.:1.000
                                                1st Qu.:2.000
##
   Median :2.000
                  Median :2.000
                                 Median :1.000
                                                Median :2.000
##
        :1.598
                  Mean :1.666
                                 Mean :1.478
                                                Mean :1.797
   Mean
##
   3rd Qu.:2.000
                  3rd Qu.:2.000
                                 3rd Qu.:2.000
                                                3rd Qu.:2.000
##
                  Max. :2.000
   Max.
          :2.000
                                 Max. :2.000
                                                Max. :2.000
##
   NA's
          :315
                  NA's :291
                                 NA's :310
                                                NA's
                                                     :319
                  QN78
                                 QN79
##
   ON77
                                                    ON80
   Min. :1.000
                  Min. :1.000
                                 Min. :1.000
##
                                                Min. :1.000
##
   1st Qu.:2.000
                  1st Qu.:2.000
                                 1st Qu.:2.000
                                                1st Qu.:1.000
##
   Median :2.000
                  Median :2.000
                                 Median :2.000
                                                Median :2.000
##
   Mean
        :1.756
                  Mean :1.786
                                 Mean :1.859
                                                Mean :1.537
##
   3rd Qu.:2.000
                  3rd Qu.:2.000
                                 3rd Qu.:2.000
                                                3rd Qu.:2.000
##
   Max.
          :2.000
                  Max. :2.000
                                 Max. :2.000
                                                Max. :2.000
   NA's :332
                  NA's :2409
                                 NA's :1768
                                                NA's :379
##
                                                   QN84
##
        QN81
                       QN82
                                    QN83
                                                                  QN85
## Min. :1.000
                  Min. :1.00
                                Min. :1.000
                                               Min. :1.000
                                                              Min.
:1.000
## 1st Qu.:1.000
                  1st Qu.:1.00
                                               1st Qu.:1.000
                                1st Qu.:1.000
                                                              1st
Qu.:2.000
## Median :2.000
                  Median :2.00
                                Median :1.000
                                               Median :1.000
                                                              Median
:2.000
## Mean
          :1.734
                  Mean :1.57
                                Mean
                                       :1.476
                                               Mean
                                                     :1.465
                                                              Mean
:1.898
## 3rd Qu.:2.000
                  3rd Ou.:2.00
                                3rd Qu.:2.000
                                               3rd Ou.:2.000
                                                              3rd
Qu.:2.000
## Max.
                  Max. :2.00
          :2.000
                                Max.
                                       :2.000
                                               Max.
                                                     :2.000
                                                              Max.
:2.000
                                               NA's
## NA's
          :500
                  NA's
                         :446
                                NA's
                                       :452
                                                      :2502
                                                              NA's
:728
                                                    QN89
                                                                  QN90
                       QN87
                                     QN88
##
        QN86
## Min.
          :1.000
                  Min. :1.00
                                Min. :1.000
                                               Min. :1.000
                                                              Min.
:1.000
```

```
## 1st Ou.:1.000
                     1st Qu.:2.00
                                     1st Qu.:1.000
                                                      1st Ou.:1.000
                                                                       1st
Qu.:1.000
                     Median :2.00
                                     Median :2.000
                                                      Median :1.000
## Median :1.000
                                                                       Median
:1.000
## Mean
           :1.286
                     Mean
                             :1.77
                                     Mean
                                             :1.719
                                                      Mean
                                                              :1.301
                                                                       Mean
:1.098
## 3rd Qu.:2.000
                     3rd Qu.:2.00
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
                                                                       3rd
Qu.:1.000
## Max.
           :2.000
                     Max.
                            :2.00
                                     Max.
                                            :2.000
                                                      Max.
                                                              :2.000
                                                                       Max.
:2.000
   NA's
                     NA's
                                     NA's
                                                      NA's
                                                                       NA's
##
           :769
                            :1612
                                             :1090
                                                              :855
:12974
##
         QN91
                          QN92
                                           ON93
                                                            ON94
##
   Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                              :1.000
##
    1st Qu.:2.000
                     1st Qu.:1.000
                                      1st Qu.:2.000
                                                       1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
##
    Mean
           :1.933
                     Mean
                            :1.599
                                      Mean
                                              :1.964
                                                       Mean
                                                               :1.844
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
                                                               :2.000
##
    Max.
           :2.000
                     Max.
                             :2.000
                                      Max.
                                              :2.000
                                                       Max.
##
    NA's
           :4212
                     NA's
                             :4319
                                      NA's
                                              :4274
                                                       NA's
                                                               :4375
##
         QN95
                          QN96
                                           QN97
                                                            QN98
##
    Min.
           :1.000
                            :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                               :1.000
                     Min.
##
                     1st Qu.:2.000
    1st Qu.:1.000
                                      1st Qu.:1.000
                                                       1st Qu.:1.000
##
    Median :1.000
                     Median :2.000
                                      Median :1.000
                                                       Median :2.000
##
    Mean
           :1.474
                     Mean
                            :1.932
                                      Mean
                                             :1.482
                                                       Mean
                                                              :1.685
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
##
    Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                             :2.000
                                                       Max.
                                                              :2.000
##
    NA's
           :4304
                     NA's
                             :4427
                                      NA's
                                                       NA's
                                              :4439
                                                               :4507
##
         QN99
                                            qnfrcig
                                                              qndaycig
                         site
##
    Min.
           :1.000
                     Length: 15624
                                         Min.
                                                :1.000
                                                          Min.
                                                                 :1.000
##
    1st Qu.:1.000
                     Class :character
                                         1st Qu.:2.000
                                                          1st Qu.:2.000
##
    Median :1.000
                     Mode :character
                                         Median :2.000
                                                          Median :2.000
##
    Mean
           :1.019
                                         Mean
                                                 :1.967
                                                          Mean
                                                                  :1.976
    3rd Qu.:1.000
##
                                                          3rd Qu.:2.000
                                         3rd Qu.:2.000
##
    Max.
           :2.000
                                         Max.
                                                 :2.000
                                                          Max.
                                                                  :2.000
##
    NA's
           :4411
                                         NA's
                                                 :635
                                                          NA's
                                                                  :635
##
       qncigint
                         antob4
                                          qntob3
                                                           qntob2
##
    Min.
           :1.000
                            :1.000
                                              :1.000
                                                              :1.000
                     Min.
                                      Min.
                                                       Min.
    1st Qu.:2.000
##
                     1st Qu.:1.000
                                      1st Qu.:2.000
                                                       1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
##
    Mean
           :1.987
                     Mean
                            :1.672
                                      Mean
                                             :1.814
                                                       Mean
                                                              :1.841
                                                       3rd Qu.:2.000
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
##
    Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                              :2.000
                                                       Max.
                                                               :2.000
##
           :14426
                                      NA's
                                                               :758
    NA's
                     NA's
                            :592
                                             :741
                                                       NA's
##
       qnnotob4
                        qnnotob3
                                         qnnotob2
                                                          qniudimp
##
    Min.
           :1.000
                             :1.000
                                      Min.
                                              :1.000
                                                       Min.
                                                               :1.000
                     Min.
##
    1st Qu.:1.000
                     1st Qu.:1.000
                                      1st Qu.:1.000
                                                       1st Qu.:2.000
##
    Median :1.000
                     Median :1.000
                                      Median :1.000
                                                       Median :2.000
##
    Mean
           :1.302
                     Mean
                             :1.169
                                      Mean
                                              :1.145
                                                       Mean
                                                               :1.969
    3rd Qu.:2.000
                     3rd Qu.:1.000
                                      3rd Qu.:1.000
                                                       3rd Qu.:2.000
```

```
##
   Max. :2.000
                   Max.
                          :2.000
                                  Max.
                                         :2.000
                                                  Max. :2.000
##
   NA's
                   NA's
                          :1055
                                   NA's
                                         :1003
                                                  NA's
          :1138
                                                         :11553
##
      qnshparg
                      qnothhpl
                                     qndualbc
                                                    qnbcnone
##
                                   Min.
                                                  Min.
   Min.
          :1.000
                   Min.
                         :1.000
                                         :1.000
                                                         :1.00
##
   1st Qu.:2.000
                   1st Qu.:1.000
                                   1st Qu.:2.000
                                                  1st Qu.:2.00
##
   Median :2.000
                   Median :2.000
                                  Median :2.000
                                                  Median :2.00
##
   Mean
         :1.951
                   Mean
                        :1.745
                                  Mean :1.919
                                                  Mean :1.85
   3rd Qu.:2.000
                   3rd Qu.:2.000
                                   3rd Qu.:2.000
                                                  3rd Qu.:2.00
##
##
          :2.000
                          :2.000
                                  Max.
                                         :2.000
                                                  Max.
                                                         :2.00
   Max.
                   Max.
                                        :11580
##
   NA's
          :11553
                   NA's
                          :11553
                                  NA's
                                                  NA's
                                                         :11553
                       gnfr1
                                     gnfr2
##
       gnfr0
                                                     gnfr3
                                                                     qnveg0
## Min.
                   Min.
                         :1.00
                                        :1.000
          :1.000
                                  Min.
                                                 Min.
                                                        :1.000
                                                                 Min.
:1.000
## 1st Qu.:2.000
                   1st Qu.:1.00
                                  1st Qu.:1.000
                                                 1st Qu.:2.000
                                                                 1st
Qu.:2.000
## Median :2.000
                   Median :1.00
                                 Median :2.000
                                                 Median :2.000
                                                                 Median
:2.000
## Mean
          :1.944
                          :1.38
                                        :1.688
                                                        :1.797
                                                                 Mean
                   Mean
                                 Mean
                                                 Mean
:1.926
## 3rd Qu.:2.000
                   3rd Qu.:2.00
                                  3rd Qu.:2.000
                                                 3rd Qu.:2.000
                                                                 3rd
Qu.:2.000
## Max.
          :2.000
                   Max. :2.00
                                        :2.000
                                                        :2.000
                                 Max.
                                                 Max.
                                                                 Max.
:2.000
## NA's
          :323
                   NA's
                          :323
                                  NA's
                                        :323
                                                 NA's
                                                        :323
                                                                 NA's
:445
##
      qnveg1
                       gnveg2
                                      gnveg3
                                                     gnsoda1
## Min. :1.000
                   Min. :1.000
                                  Min. :1.000
                                                  Min.
                                                         :1.000
## 1st Qu.:1.000
                   1st Qu.:1.000
                                   1st Qu.:2.000
                                                  1st Qu.:2.000
##
   Median :1.000
                   Median :2.000
                                  Median :2.000
                                                  Median :2.000
## Mean
         :1.404
                   Mean
                        :1.728
                                  Mean :1.851
                                                  Mean :1.777
##
   3rd Qu.:2.000
                   3rd Qu.:2.000
                                   3rd Qu.:2.000
                                                  3rd Qu.:2.000
## Max.
          :2.000
                   Max.
                         :2.000
                                   Max.
                                         :2.000
                                                  Max.
                                                         :2.000
   NA's
##
          :445
                   NA's
                          :445
                                   NA's
                                         :445
                                                  NA's
                                                         :332
##
      qnsoda2
                      qnsoda3
                                     qnmilk1
                                                    qnmilk2
qnmilk3
## Min.
          :1.000
                   Min.
                          :1.000
                                  Min.
                                         :1.000
                                                  Min.
                                                         :1.000
                                                                  Min.
:1.0
                   1st Qu.:2.000
## 1st Qu.:2.000
                                   1st Qu.:1.000
                                                  1st Qu.:2.000
                                                                  1st
Qu.:2.0
## Median :2.000
                   Median :2.000
                                  Median :2.000
                                                  Median :2.000
                                                                  Median
:2.0
## Mean
          :1.853
                   Mean
                          :1.917
                                   Mean
                                        :1.632
                                                  Mean
                                                        :1.782
                                                                  Mean
:1.9
                   3rd Qu.:2.000
                                   3rd Qu.:2.000
## 3rd Qu.:2.000
                                                  3rd Qu.:2.000
                                                                  3rd
Ou.:2.0
## Max.
          :2.000
                   Max.
                          :2.000
                                  Max.
                                         :2.000
                                                  Max.
                                                         :2.000
                                                                  Max.
:2.0
## NA's
          :332
                   NA's
                          :332
                                  NA's
                                         :2409
                                                  NA's
                                                         :2409
                                                                  NA's
:2409
## qnbk7day qnpa0day qnpa7day qndlype
```

```
anspdrk1
## Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                               :1.000
                                                                        Min.
:1.00
## 1st Qu.:1.000
                     1st Qu.:2.000
                                      1st Qu.:1.000
                                                       1st Qu.:1.000
                                                                        1st
Qu.:2.00
## Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
                                                                        Median
:2.00
                                                               :1.694
## Mean
           :1.654
                     Mean
                            :1.846
                                      Mean
                                             :1.745
                                                       Mean
                                                                        Mean
:1.85
## 3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
                                                                        3rd
Qu.:2.00
## Max.
                            :2.000
                                             :2.000
           :2.000
                     Max.
                                      Max.
                                                       Max.
                                                               :2.000
                                                                        Max.
:2.00
## NA's
           :1768
                     NA's
                            :379
                                      NA's
                                             :379
                                                       NA's
                                                               :452
                                                                        NA's
:4319
                                         qnwater1
##
       gnspdrk2
                        qnspdrk3
                                                          gnwater2
##
   Min.
           :1.000
                     Min.
                            :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                               :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:1.000
                                                       1st Qu.:1.000
##
    Median :2.000
                     Median :2.000
                                      Median :1.000
                                                       Median :1.000
##
    Mean
           :1.907
                     Mean
                            :1.946
                                      Mean
                                             :1.277
                                                       Mean
                                                              :1.362
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
##
           :2.000
    Max.
                     Max.
                            :2.000
                                      Max.
                                             :2.000
                                                       Max.
                                                              :2.000
##
    NA's
           :4319
                     NA's
                            :4319
                                      NA's
                                             :4274
                                                       NA's
                                                               :4274
##
       gnwater3
                        qnobese
                                          qnowt
                                                           weight
##
                            :1.000
                                      Min.
    Min.
           :1.000
                     Min.
                                             :1.000
                                                       Min.
                                                              : 0.0450
                                                       1st Qu.: 0.3377
##
    1st Qu.:1.000
                     1st Qu.:2.000
                                      1st Qu.:2.000
##
    Median :2.000
                                      Median :2.000
                                                       Median : 0.6636
                     Median :2.000
##
                                                              : 1.0000
    Mean
           :1.506
                     Mean
                            :1.849
                                      Mean
                                             :1.835
                                                       Mean
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.: 1.2072
##
    Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                             :2.000
                                                       Max.
                                                              :10.6781
##
    NA's
           :4274
                     NA's
                            :1266
                                      NA's
                                             :1266
##
                                           bmipct
                                                           raceeth
       stratum
                          psu
##
    Min.
           :101.0
                     Min.
                            : 10530
                                       Min.
                                               : 0.00
                                                        Min.
                                                                :1.00
    1st Qu.:103.0
##
                                       1st Qu.:42.17
                     1st Qu.: 60730
                                                        1st Qu.:5.00
##
    Median :202.0
                     Median :240010
                                       Median :69.91
                                                        Median :5.00
##
    Mean
           :173.7
                     Mean
                            :230448
                                       Mean
                                               :63.97
                                                        Mean
                                                               :5.27
##
    3rd Qu.:212.0
                     3rd Qu.:361130
                                       3rd Qu.:89.68
                                                        3rd Qu.:6.00
##
    Max.
           :214.0
                     Max.
                            :540390
                                       Max.
                                               :99.95
                                                        Max.
                                                                :8.00
##
                                       NA's
                                                        NA's
                                               :1266
                                                               :358
##
        q6orig
                         q7orig
##
    Min.
                     Min. : 0
           : 0.0
##
    1st Qu.:503.0
                     1st Qu.:122
##
    Median:506.0
                     Median:140
##
           :512.9
                            :150
    Mean
                     Mean
##
    3rd Qu.:509.0
                     3rd Qu.:168
##
    Max.
           :711.0
                     Max.
                            :399
##
    NA's :539
                     NA's
                            :892
```

Importing .dat files into R for YRBS 2013

raw2013YRBS <- read_sav("C:/Users/acrom/Google Drive/ASU Files/ASU WORK
PRODUCT_CONHI Program/ASU-NUR CE Prep/YRBS Datasets/ADC Dissertation-YRBS
Data Sets/2013YRBS-SPSS.sav")
View(raw2013YRBS)</pre>

Print Head and Summary of 2013 YRBS Data Frame

```
print("Top 6 Entries of data frame:")
## [1] "Top 6 Entries of data frame:"
head(raw2013YRBS)
## # A tibble: 6 × 213
                           Q3
                                    Q4
                                            Q5
                                                      Q6
                                                            Q7 Q8
                                                                        Q9
##
     Q1
                   Q2
010
                   <dbl+1> <dbl+1> <dbl+1> <chr> <dbl> <dbl> <dbl+1> <dbl+1> <
##
     <dbl+lbl>
<dbl+1>
## 1 3 [14 years... 1 [Fem... 1 [9th... 2 [No]
                                             " C" NA
                                                          NA
                                                                2 [Nev... 5 [Alw... 5
## 2 3 [14 years... 1 [Fem... 1 [9th... 2 [No]
                                            " C" NA
                                                          NA
                                                                2 [Nev... 2 [Rar... 1
[0 t...
## 3 4 [15 years... 1 [Fem... 1 [9th... 1 [Yes] " ... 1.73 84.4 2 [Nev... 1 [Nev... 5
[6 o...
## 4 4 [15 years... 1 [Fem... 1 [9th... 2 [No] "
                                                          55.8 2 [Nev... 3 [Som... 1
                                                    1.6
[0 t...
## 5 4 [15 years... 1 [Fem... 1 [9th... 2 [No]
                                             " C"
                                                    1.5
                                                          46.7 1 [Did... 5 [Alw... 1
[0 t...
## 6 4 [15 years... 1 [Fem... 1 [9th... 2 [No] " C" 1.57 67.1 1 [Did... 5 [Alw... 2
[1 t...
## # i 203 more variables: Q11 <dbl+lbl>, Q12 <dbl+lbl>, Q13 <dbl+lbl>,
       Q14 <dbl+lbl>, Q15 <dbl+lbl>, Q16 <dbl+lbl>, Q17 <dbl+lbl>, Q18
<dbl+lbl>,
       Q19 <dbl+lbl>, Q20 <dbl+lbl>, Q21 <dbl+lbl>, Q22 <dbl+lbl>, Q23
## #
<dbl+lbl>,
       Q24 <dbl+lbl>, Q25 <dbl+lbl>, Q26 <dbl+lbl>, Q27 <dbl+lbl>, Q28
<dbl+lbl>,
       Q29 <dbl+lbl>, Q30 <dbl+lbl>, Q31 <dbl+lbl>, Q32 <dbl+lbl>, Q33
## #
<dbl+lbl>,
       Q34 <dbl+lbl>, Q35 <dbl+lbl>, Q36 <dbl+lbl>, Q37 <dbl+lbl>, Q38
## #
<dbl+lbl>,
       Q39 <dbl+lbl>, Q40 <dbl+lbl>, Q41 <dbl+lbl>, Q42 <dbl+lbl>, ...
print("summary:")
## [1] "summary:"
summary(raw2013YRBS)
```

```
##
          01
                            02
                                             03
                                                              04
                     Min.
##
    Min.
            :1.000
                             :1.000
                                      Min.
                                              :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:4.000
                     1st Qu.:1.000
                                       1st Qu.:1.000
                                                        1st Qu.:1.000
##
    Median :5.000
                     Median :2.000
                                      Median :3.000
                                                        Median :2.000
##
    Mean
           :5.157
                     Mean
                             :1.512
                                      Mean
                                              :2.502
                                                        Mean
                                                               :1.744
##
    3rd Qu.:6.000
                     3rd Qu.:2.000
                                       3rd Qu.:4.000
                                                        3rd Qu.:2.000
##
    Max.
           :7.000
                     Max.
                             :2.000
                                      Max.
                                              :5.000
                                                        Max.
                                                               :2.000
    NA's
                                      NA's
                                                        NA's
##
           :77
                     NA's
                             :12
                                              :79
                                                                :231
##
                                                                   80
         Q5
                               Q6
                                                Q7
                                                 : 29.94
##
    Length: 13583
                        Min.
                                :1.270
                                          Min.
                                                            Min.
                                                                    :1.000
                                                            1st Qu.:1.000
##
    Class :character
                        1st Qu.:1.600
                                          1st Qu.: 56.25
##
                        Median :1.680
                                          Median : 64.41
                                                            Median :2.000
    Mode :character
##
                                :1.691
                                          Mean
                                                 : 67.91
                                                            Mean
                        Mean
                                                                    :1.949
                        3rd Qu.:1.780
##
                                          3rd Qu.: 76.20
                                                            3rd Qu.:2.000
##
                                :2.110
                                          Max.
                                                  :180.99
                        Max.
                                                            Max.
                                                                    :6.000
##
                        NA's
                                :1004
                                          NA's
                                                 :1004
                                                            NA's
                                                                    :311
##
          Q9
                          Q10
                                            Q11
                                                             Q12
    Min.
##
            :1.000
                             :1.000
                                      Min.
                                              :1.000
                                                        Min.
                                                               :1.000
                     Min.
##
    1st Qu.:4.000
                     1st Qu.:1.000
                                       1st Qu.:1.000
                                                        1st Qu.:1.000
##
    Median :5.000
                     Median :1.000
                                      Median :2.000
                                                        Median :2.000
##
    Mean
           :4.245
                             :1.463
                                      Mean
                                              :1.748
                                                               :2.485
                     Mean
                                                        Mean
    3rd Qu.:5.000
##
                     3rd Qu.:1.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:3.000
##
    Max.
            :5.000
                             :5.000
                                                        Max.
                     Max.
                                      Max.
                                              :6.000
                                                               :8.000
##
    NA's
            :24
                     NA's
                             :38
                                      NA's
                                              :1088
                                                        NA's
                                                               :918
##
         013
                                                                              017
                          014
                                            015
                                                            Q16
##
   Min.
            :1.000
                     Min.
                             :1.000
                                      Min.
                                              :1.00
                                                       Min.
                                                              :1.000
                                                                        Min.
:1.000
##
    1st Qu.:1.000
                     1st Qu.:1.000
                                      1st Qu.:1.00
                                                       1st Qu.:1.000
                                                                        1st
Qu.:1.000
## Median :1.000
                     Median :1.000
                                      Median :1.00
                                                       Median :1.000
                                                                        Median
:1.000
## Mean
            :1.487
                     Mean
                             :1.138
                                      Mean
                                              :1.13
                                                              :1.143
                                                                        Mean
                                                       Mean
:1.194
    3rd Qu.:1.000
                     3rd Qu.:1.000
                                       3rd Qu.:1.00
                                                       3rd Qu.:1.000
                                                                        3rd
Qu.:1.000
## Max.
            :5.000
                             :5.000
                                              :5.00
                                                              :5.000
                     Max.
                                      Max.
                                                       Max.
                                                                        Max.
:8.000
##
    NA's
            :331
                     NA's
                             :275
                                      NA's
                                              :229
                                                       NA's
                                                              :29
                                                                        NA's
                                                                                :28
##
         Q18
                          Q19
                                            Q20
                                                             Q21
##
    Min.
                                              :1.000
                                                        Min.
           :1.000
                     Min.
                             :1.000
                                      Min.
                                                               :1.000
##
    1st Qu.:1.000
                     1st Qu.:1.000
                                       1st Qu.:1.000
                                                        1st Qu.:2.000
##
    Median :1.000
                     Median :1.000
                                      Median :1.000
                                                        Median :2.000
##
    Mean
           :1.607
                     Mean
                             :1.056
                                      Mean
                                              :1.172
                                                        Mean
                                                               :1.924
    3rd Qu.:2.000
                     3rd Qu.:1.000
                                       3rd Qu.:1.000
                                                        3rd Qu.:2.000
##
##
    Max.
           :8.000
                     Max.
                             :5.000
                                      Max.
                                              :8.000
                                                        Max.
                                                               :2.000
##
    NA's
            :251
                     NA's
                             :201
                                      NA's
                                              :231
                                                        NA's
                                                               :76
##
         Q22
                          Q23
                                            Q24
                                                             Q25
##
    Min.
            :1.000
                     Min.
                             :1.000
                                      Min.
                                              :1.000
                                                        Min.
                                                               :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                       1st Qu.:2.000
                                                        1st Qu.:2.000
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                        Median :2.000
##
```

"" 1 222				
_	3rd Qu.:2.000		3rd Qu.:2.000	
## Max. :6.000 ## NA's :441	NA's :468	NA's :68	NA's :82	020
## Q26 ## Min. :1.000 :1.000	Min. :1.000	Q28 Min. :1.000	Q29 Min. :1.00	Q30 Min.
## 1st Qu.:1.000 Qu.:1.000	1st Qu.:2.000	1st Qu.:2.000	1st Qu.:1.00	1st
## Median :2.000 :1.000	Median :2.000	Median :2.000	Median :1.00	Median
## Mean :1.697 :1.143	Mean :1.833	Mean :1.861	Mean :1.15	Mean
## 3rd Qu.:2.000 Qu.:1.000	3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:1.00	3rd
## Max. :2.000 :3.000	Max. :2.000	Max. :2.000	Max. :5.00	Max.
## NA's :88 :1833	NA's :92	NA's :98	NA's :1601	NA's
## Q31	032	033	034	Q35
## Min. :1.000	Min. :1.000	Min. :1.000	Min. :1.00	Min.
## 1st Qu.:1.000 Qu.:1.00	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.00	1st
## Median :2.000 :1.00	Median :1.000	Median :1.000	Median :1.00	Median
## Mean :1.594 :1.48	Mean :2.161	Mean :1.477	Mean :1.38	Mean
## 3rd Qu.:2.000 Qu.:1.00	3rd Qu.:3.000	3rd Qu.:1.000	3rd Qu.:1.00	3rd
## Max. :2.000 :8.00	Max. :7.000	Max. :7.000	Max. :7.00	Max.
## NA's :380 :1009	NA's :688	NA's :561	NA's :919	NA's
## Q36	037	Q38	Q 39	Q40
## Min. :1.000 :1.000	Min. :1.00		Min. :1.000	Min.
## 1st Qu.:1.000 Qu.:1.000	1st Qu.:2.00	1st Qu.:1.000	1st Qu.:1.000	1st
## Median :1.000 :1.000	Median :2.00	Median :1.000	Median :1.000	Median
## Mean :1.102 :1.308	Mean :1.92	Mean :1.337	Mean :1.263	Mean
## 3rd Qu.:1.000 Qu.:1.000	3rd Qu.:2.00	3rd Qu.:1.000	3rd Qu.:1.000	3rd
## Max. :7.000 :7.000	Max. :2.00	Max. :3.000	Max. :7.000	Max.
## NA's :541 :241	NA's :642	NA's :899	NA's :238	NA's
## Q41	Q42	Q43	Q44	

```
## Min. :1.000
                                                Min. :1.000
                  Min. :1.000
                                 Min. :1.000
  1st Qu.:1.000
                  1st Qu.:1.000
                                 1st Qu.:1.000
                                                1st Qu.:1.000
## Median :2.000
                  Median :4.000
                                 Median :1.000
                                                Median :1.000
##
   Mean :2.954
                  Mean :3.538
                                 Mean :1.688
                                                Mean :1.461
##
   3rd Qu.:4.000
                  3rd Qu.:5.000
                                 3rd Qu.:2.000
                                                3rd Qu.:1.000
##
   Max.
          :7.000
                  Max.
                         :7.000
                                 Max.
                                        :7.000
                                                Max.
                                                      :7.000
##
   NA's
          :479
                  NA's
                         :275
                                 NA's :1295
                                                NA's :523
##
        045
                      Q46
                                     047
                                                    Q48
                                                                   049
                  Min. :1.000
                                 Min. :1.000
                                                Min. :1.00
## Min. :1.000
                                                              Min.
:1.000
## 1st Qu.:1.000
                  1st Qu.:1.000
                                 1st Qu.:1.000
                                                1st Qu.:1.00
                                                              1st
Qu.:1.000
## Median :1.000
                  Median :1.000
                                 Median :1.000
                                                Median :1.00
                                                              Median
:1.000
## Mean
                         :2.786
                                 Mean :2.548
                                                      :2.83
          :2.178
                  Mean
                                                Mean
                                                              Mean
:1.667
## 3rd Qu.:2.000
                  3rd Qu.:6.000
                                 3rd Qu.:4.000
                                                3rd Qu.:5.00
                                                              3rd
Qu.:2.000
## Max.
          :8.000
                  Max. :8.000
                                 Max. :7.000
                                                Max. :7.00
                                                              Max.
:6.000
## NA's
          :1220
                  NA's :1264
                                 NA's :339
                                                NA's :280
                                                              NA's
:269
##
        Q50
                       Q51
                                      Q52
                                                    Q53
## Min. :1.000
                  Min. :1.000
                                 Min. :1.000
                                                Min. :1.000
## 1st Qu.:1.000
                  1st Qu.:1.000
                                 1st Qu.:1.000
                                                1st Qu.:1.000
## Median :1.000
                  Median :1.000
                                 Median :1.000
                                                Median :1.000
## Mean :1.133
                  Mean :1.185
                                 Mean :1.068
                                                Mean :1.086
## 3rd Qu.:1.000
                  3rd Qu.:1.000
                                 3rd Qu.:1.000
                                                3rd Qu.:1.000
## Max.
          :6.000
                  Max. :6.000
                                 Max. :6.000
                                                Max. :6.000
## NA's
          :126
                  NA's :214
                                 NA's :328
                                                NA's :226
       054
                      Q55
                                     Q56
                                                Q57
                                                                   Q58
##
## Min. :1.000
                  Min. :1.000
                                 Min. :1.00
                                               Min. :1.000
                                                              Min.
:1.000
## 1st Qu.:1.000
                  1st Qu.:1.000
                                 1st Qu.:1.00
                                               1st Qu.:1.000
                                                              1st
Qu.:2.000
## Median :1.000
                  Median :1.000
                                 Median :1.00
                                               Median :1.000
                                                              Median
:2.000
## Mean
                  Mean
                                 Mean :1.42
          :1.151
                         :1.087
                                               Mean
                                                     :1.029
                                                              Mean
:1.766
## 3rd Qu.:1.000
                  3rd Qu.:1.000
                                 3rd Qu.:1.00
                                               3rd Qu.:1.000
                                                              3rd
Qu.:2.000
## Max.
          :6.000
                  Max. :6.000
                                 Max. :6.00
                                               Max.
                                                     :3.000
                                                              Max.
:2.000
## NA's :229
                  NA's :129
                                 NA's :140
                                               NA's
                                                              NA's
                                                     :226
:163
##
        Q59
                       Q60
                                      Q61
                                                    Q62
## Min. :1.000
                  Min. :1.000
                                 Min. :1.000
                                                Min. :1.000
## 1st Qu.:1.000
                  1st Qu.:1.000
                                 1st Qu.:1.000
                                                1st Qu.:1.000
## Median :2.000
                  Median :1.000
                                 Median :1.000
                                                Median :1.000
                  Mean :3.197
                                 Mean :2.449
                                                Mean :2.069
## Mean :1.503
```

```
3rd Ou.:6.000
                                     3rd Qu.:3.000
    3rd Qu.:2.000
                                                      3rd Ou.:3.000
##
    Max.
           :2.000
                    Max.
                            :8.000
                                     Max.
                                            :7.000
                                                      Max.
                                                             :8.000
##
    NA's
           :669
                    NA's
                            :686
                                     NA's
                                            :725
                                                      NA's
                                                             :707
##
         Q63
                         Q64
                                          Q65
                                                           Q66
    Min.
##
           :1.000
                    Min.
                            :1.000
                                     Min.
                                            :1.000
                                                      Min.
                                                             :1.000
##
    1st Qu.:1.000
                    1st Qu.:1.000
                                     1st Qu.:1.000
                                                      1st Qu.:3.000
    Median :1.000
                    Median :1.000
                                     Median :1.000
                                                      Median :3.000
##
##
    Mean
           :1.895
                    Mean
                            :1.678
                                     Mean
                                            :2.507
                                                      Mean
                                                             :3.183
##
    3rd Qu.:3.000
                    3rd Qu.:2.000
                                     3rd Qu.:4.000
                                                      3rd Qu.:4.000
##
    Max.
           :3.000
                    Max.
                            :3.000
                                     Max.
                                            :8.000
                                                      Max.
                                                             :5.000
                    NA's
           :734
                                     NA's
                                            :995
                                                      NA's
##
    NA's
                            :822
                                                             :242
##
         Q67
                         Q68
                                          Q69
                                                           Q70
                                                                           Q71
##
   Min.
           :1.000
                    Min.
                           :1.000
                                            :1.000
                                                             :1.000
                                     Min.
                                                      Min.
                                                                      Min.
:1.00
   1st Qu.:1.000
                    1st Qu.:2.000
                                     1st Qu.:2.000
                                                      1st Qu.:2.000
##
                                                                      1st
Qu.:2.00
## Median :2.000
                    Median :2.000
                                     Median :2.000
                                                      Median :2.000
                                                                      Median
:2.00
## Mean
           :2.048
                    Mean
                            :1.867
                                     Mean
                                            :1.949
                                                      Mean
                                                             :1.958
                                                                      Mean
:2.86
## 3rd Qu.:3.000
                    3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
                                                                      3rd
Qu.:4.00
## Max.
           :4.000
                    Max.
                            :2.000
                                     Max.
                                            :2.000
                                                      Max.
                                                             :2.000
                                                                      Max.
:7.00
## NA's
                    NA's
                                     NA's
                                                                      NA's
           :259
                            :226
                                            :247
                                                      NA's
                                                             :299
:217
##
         Q72
                         Q73
                                          Q74
                                                           Q75
##
    Min.
           :1.000
                    Min.
                            :1.000
                                     Min.
                                            :1.000
                                                      Min.
                                                             :1.000
##
    1st Qu.:2.000
                    1st Qu.:1.000
                                     1st Qu.:1.000
                                                      1st Qu.:1.000
##
    Median :3.000
                    Median :2.000
                                     Median :2.000
                                                      Median :1.000
                           :2.073
##
    Mean
           :3.232
                    Mean
                                     Mean
                                            :2.061
                                                      Mean
                                                             :1.749
##
    3rd Qu.:4.000
                    3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
##
    Max.
           :7.000
                    Max.
                            :7.000
                                     Max.
                                            :7.000
                                                      Max.
                                                             :7.000
           :224
    NA's
                    NA's
                            :244
                                     NA's
                                            :234
                                                      NA's
##
                                                             :237
##
         Q76
                         Q77
                                          Q78
                                                           Q79
##
                    Min. :1.000
    Min.
           :1.000
                                     Min. :1.000
                                                      Min. :1.000
##
    1st Qu.:2.000
                    1st Qu.:2.000
                                     1st Qu.:2.000
                                                      1st Qu.:3.000
##
    Median :2.000
                    Median :2.000
                                     Median :3.000
                                                      Median:5.000
##
    Mean
           :2.709
                    Mean :2.884
                                     Mean
                                            :3.131
                                                      Mean :5.157
    3rd Qu.:3.000
                    3rd Qu.:4.000
                                     3rd Qu.:4.000
                                                      3rd Qu.:8.000
##
##
    Max.
           :7.000
                    Max.
                            :7.000
                                     Max.
                                            :7.000
                                                      Max.
                                                             :8.000
##
    NA's
           :250
                    NA's
                            :259
                                     NA's
                                            :303
                                                      NA's
                                                             :260
##
         080
                         Q81
                                          Q82
                                                           Q83
                                            :1.000
##
    Min.
           :1.000
                    Min.
                           :1.000
                                     Min.
                                                      Min.
                                                             :1.000
    1st Qu.:3.000
                    1st Qu.:2.000
                                     1st Qu.:2.000
##
                                                      1st Qu.:1.000
##
    Median :5.000
                    Median :4.000
                                     Median :4.000
                                                      Median :1.000
##
    Mean
           :4.903
                    Mean
                          :3.805
                                     Mean
                                            :4.066
                                                      Mean
                                                            :2.986
##
    3rd Qu.:8.000
                    3rd Qu.:5.000
                                     3rd Qu.:6.000
                                                      3rd Qu.:6.000
##
    Max.
           :8.000
                    Max.
                            :7.000
                                     Max.
                                            :7.000
                                                      Max.
                                                             :6.000
    NA's
                                                      NA's :355
##
           :273
                    NA's
                           :338
                                     NA's :328
```

```
084
                           085
                                            086
                                                              087
                                                                               880
## Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                                :1.000
                                                                         Min.
:1.00
## 1st Qu.:1.000
                     1st Qu.:1.000
                                       1st Qu.:2.000
                                                        1st Qu.:1.000
                                                                         1st
Qu.:1.00
                     Median :1.000
                                       Median :2.000
                                                        Median :1.000
                                                                         Median
## Median :2.000
:4.00
## Mean
            :1.919
                     Mean
                             :1.196
                                       Mean
                                              :1.833
                                                        Mean
                                                                :1.146
                                                                         Mean
:3.95
##
    3rd Qu.:3.000
                     3rd Qu.:1.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:1.000
                                                                          3rd
Qu.:6.00
## Max.
            :4.000
                     Max.
                             :3.000
                                       Max.
                                              :3.000
                                                        Max.
                                                                :6.000
                                                                         Max.
:8.00
##
   NA's
            :388
                     NA's
                             :360
                                       NA's
                                              :347
                                                        NA's
                                                                :1063
                                                                         NA's
:1176
##
         Q89
                           Q90
                                            Q91
                                                             Q92
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:2.000
                     1st Qu.:1.000
                                       1st Qu.:1.000
                                                        1st Qu.:3.000
    Median :2.000
##
                     Median :2.000
                                       Median :1.000
                                                        Median:4.000
##
    Mean
            :1.953
                     Mean
                             :1.896
                                       Mean
                                              :1.269
                                                        Mean
                                                                :3.729
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:1.000
                                                        3rd Qu.:5.000
##
    Max.
            :3.000
                     Max.
                             :5.000
                                       Max.
                                              :6.000
                                                        Max.
                                                                :7.000
            :1087
##
    NA's
                                              :994
                                                        NA's
                     NA's
                             :872
                                       NA's
                                                                :1248
##
         QN8
                           QN9
                                            QN10
                                                              QN11
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:1.000
                     1st Qu.:2.000
                                       1st Qu.:2.000
                                                        1st Qu.:2.000
##
    Median :1.000
                     Median :2.000
                                       Median :2.000
                                                        Median :2.000
##
    Mean
            :1.118
                     Mean
                             :1.922
                                       Mean
                                              :1.773
                                                        Mean
                                                                :1.903
                                       3rd Qu.:2.000
##
    3rd Qu.:1.000
                     3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
    Max.
            :2.000
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
            :4860
##
    NA's
                     NA's
                             :24
                                       NA's
                                              :38
                                                        NA's
                                                                :5725
##
                                            QN14
         QN12
                           QN13
                                                              QN15
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:1.000
                     1st Qu.:2.000
                                       1st Qu.:2.000
                                                        1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                       Median :2.000
                                                        Median :2.000
##
    Mean
            :1.598
                     Mean
                             :1.829
                                       Mean
                                              :1.945
                                                        Mean
                                                                :1.953
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
            :2.000
                             :2.000
                                              :2.000
                                                        Max.
    Max.
                     Max.
                                       Max.
                                                                :2.000
##
    NA's
            :5564
                     NA's
                             :331
                                       NA's
                                              :275
                                                        NA's
                                                                :229
##
         QN16
                           QN17
                                            QN18
                                                             QN19
##
                                       Min.
                                                        Min.
                                                                :1.000
    Min.
            :1.000
                     Min.
                             :1.000
                                              :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                       1st Qu.:1.000
                                                        1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                       Median :2.000
                                                        Median :2.000
##
    Mean
            :1.922
                     Mean
                             :1.926
                                       Mean
                                              :1.728
                                                        Mean
                                                                :1.965
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
    Max.
            :2.000
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
##
    NA's
            :29
                     NA's
                             :28
                                       NA's
                                              :251
                                                        NA's
                                                                :201
##
         QN20
                           QN21
                                            QN22
                                                             QN23
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                                :1.000
    1st Qu.:2.000
                     1st Qu.:2.000
                                       1st Qu.:2.000
                                                        1st Qu.:2.000
```

```
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                        Median :2.000
##
    Mean
           :1.906
                     Mean
                             :1.924
                                      Mean
                                              :1.893
                                                        Mean
                                                               :1.893
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
           :2.000
                             :2.000
    Max.
                     Max.
                                      Max.
                                              :2.000
                                                        Max.
                                                               :2.000
                     NA's
                                      NA's
##
    NA's
            :231
                             :76
                                              :3653
                                                        NA's
                                                               :3670
##
         QN24
                          QN25
                                            QN26
                                                             QN27
                                              :1.000
##
    Min.
            :1.000
                             :1.000
                                      Min.
                                                        Min.
                                                               :1.000
                     Min.
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:1.000
                                                        1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                        Median :2.000
##
    Mean
            :1.814
                     Mean
                             :1.861
                                      Mean
                                              :1.697
                                                        Mean
                                                               :1.833
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
    Max.
           :2.000
                     Max.
                             :2.000
                                      Max.
                                              :2.000
                                                        Max.
                                                               :2.000
##
                             :82
##
    NA's
            :68
                     NA's
                                      NA's
                                              :88
                                                        NA's
                                                               :92
##
         QN28
                          QN29
                                            QN30
                                                             QN31
##
                                                               :1.000
    Min.
            :1.000
                     Min.
                             :1.000
                                      Min.
                                              :1.000
                                                        Min.
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:2.000
                                                        1st Qu.:1.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                        Median :2.000
##
    Mean
                     Mean
                                      Mean
            :1.861
                             :1.915
                                              :1.972
                                                        Mean
                                                               :1.594
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
    Max.
            :2.000
                     Max.
                             :2.000
                                      Max.
                                              :2.000
                                                        Max.
                                                               :2.000
##
    NA's
            :98
                     NA's
                             :1601
                                      NA's
                                              :1833
                                                        NA's
                                                               :380
##
                          QN33
         QN32
                                            QN34
                                                             QN35
##
    Min.
            :1.000
                     Min.
                             :1.000
                                      Min.
                                              :1.00
                                                        Min.
                                                               :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:2.00
                                                        1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.00
                                                        Median :2.000
##
    Mean
            :1.914
                     Mean
                             :1.855
                                      Mean
                                              :1.92
                                                        Mean
                                                               :1.826
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.00
                                                        3rd Qu.:2.000
            :2.000
##
    Max.
                     Max.
                             :2.000
                                      Max.
                                              :2.00
                                                        Max.
                                                               :2.000
    NA's
            :688
                     NA's
                             :561
                                      NA's
                                                        NA's
                                                               :12239
##
                                              :11774
##
         QN36
                          QN37
                                           QN38
                                                            QN39
                                                                             ON40
                                                                        Min.
##
    Min.
            :1.000
                     Min.
                             :1.00
                                     Min.
                                             :1.00
                                                       Min.
                                                              :1.000
:1.000
##
    1st Qu.:2.000
                     1st Qu.:2.00
                                     1st Qu.:1.00
                                                       1st Qu.:2.000
                                                                        1st
Ou.:2.000
                                                                        Median
## Median :2.000
                     Median :2.00
                                     Median :1.00
                                                       Median :2.000
:2.000
## Mean
            :1.964
                     Mean
                             :1.92
                                     Mean
                                             :1.49
                                                       Mean
                                                              :1.924
                                                                        Mean
:1.874
                     3rd Qu.:2.00
                                     3rd Qu.:2.00
                                                       3rd Qu.:2.000
                                                                        3rd
## 3rd Qu.:2.000
Qu.:2.000
## Max.
            :2.000
                     Max.
                             :2.00
                                             :2.00
                                                              :2.000
                                                                        Max.
                                     Max.
                                                       Max.
:2.000
## NA's
            :541
                     NA's
                             :642
                                     NA's
                                             :11815
                                                       NA's
                                                              :238
                                                                        NA's
:241
##
         ON41
                          ON42
                                            ON43
                                                             ON44
##
    Min.
                     Min.
                             :1.000
                                      Min.
                                              :1.000
                                                        Min.
                                                               :1.000
            :1.000
##
    1st Qu.:1.000
                     1st Qu.:2.000
                                      1st Qu.:1.000
                                                        1st Qu.:2.000
##
    Median :1.000
                     Median :2.000
                                      Median :2.000
                                                        Median :2.000
##
    Mean
            :1.323
                     Mean
                             :1.803
                                      Mean
                                              :1.644
                                                        Mean
                                                               :1.799
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                        3rd Qu.:2.000
```

```
## Max. :2.000
                 Max. :2.000
                               Max. :2.000
                                             Max. :2.000
                 NA's :275
                               NA's :1295
## NA's
         :479
                                             NA's :523
                                                               QN49
##
       QN45
                  QN46
                               QN47
                                             QN48
                              Min. :1.000
## Min. :1.000
                 Min. :1.00
                                             Min. :1.000
                                                           Min.
:1.000
## 1st Qu.:2.000
                 1st Qu.:1.00
                               1st Qu.:1.000
                                             1st Qu.:2.000
                                                           1st
Ou.:1.000
## Median :2.000
                 Median :2.00
                              Median :2.000
                                             Median :2.000
                                                           Median
:2.000
## Mean :1.945
                 Mean :1.59
                              Mean :1.563
                                             Mean :1.908
                                                           Mean
:1.747
## 3rd Qu.:2.000
                 3rd Qu.:2.00
                               3rd Qu.:2.000
                                             3rd Qu.:2.000
                                                           3rd
Ou.:2.000
## Max.
         :2.000
                 Max. :2.00
                               Max. :2.000
                                             Max. :2.000
                                                           Max.
:2.000
## NA's :1220
                                             NA's :280
                                                           NA's
                 NA's :9344
                               NA's :339
:269
       QN50
                  QN51
                                                  QN53
                                    ON52
                                                                QN54
                 Min. :1.000
## Min. :1.000
                               Min. :1.000
                                             Min. :1.000
                                                            Min.
:1.00
## 1st Qu.:2.000
                 1st Qu.:2.000
                               1st Qu.:2.000
                                             1st Qu.:2.000
                                                            1st
Qu.:2.00
## Median :2.000
                 Median :2.000
                               Median :2.000
                                             Median :2.000
                                                            Median
:2.00
## Mean :1.944
                 Mean :1.912
                               Mean :1.977
                                             Mean :1.969
                                                            Mean
:1.93
## 3rd Qu.:2.000
                 3rd Qu.:2.000
                               3rd Qu.:2.000
                                              3rd Qu.:2.000
                                                            3rd
Qu.:2.00
## Max.
         :2.000
                 Max. :2.000
                               Max. :2.000
                                              Max. :2.000
                                                            Max.
:2.00
## NA's :126
                 NA's :214
                               NA's :328
                                             NA's :226
                                                            NA's
:229
## QN55
                      QN56
                                    QN57
                                                  ON58
                 Min. :1.000
                               Min. :1.000
## Min. :1.000
                                              Min. :1.000
## 1st Qu.:2.000
                 1st Qu.:2.000
                               1st Qu.:2.000
                                             1st Qu.:2.000
## Median :2.000
                 Median :2.000
                               Median :2.000
                                             Median :2.000
   Mean :1.969
                 Mean :1.825
                               Mean :1.982
                                             Mean :1.766
##
##
   3rd Qu.:2.000
                 3rd Qu.:2.000
                               3rd Qu.:2.000
                                              3rd Qu.:2.000
                               Max. :2.000
##
   Max. :2.000
                 Max. :2.000
                                              Max. :2.000
##
   NA's :129
                 NA's :140
                               NA's :226
                                              NA's :163
##
       QN59
                     QN60
                                    QN61
                                                  QN62
                 Min. :1.000
                               Min. :1.000
##
   Min. :1.000
                                             Min. :1.000
   1st Qu.:1.000
                 1st Qu.:2.000
                               1st Qu.:2.000
                                              1st Qu.:1.000
   Median :2.000
                 Median :2.000
                               Median :2.000
##
                                             Median :2.000
                 Mean :1.931
##
   Mean :1.503
                               Mean :1.832
                                             Mean :1.637
##
   3rd Qu.:2.000
                 3rd Qu.:2.000
                               3rd Qu.:2.000
                                              3rd Qu.:2.000
##
   Max. :2.000
                 Max. :2.000
                               Max. :2.000
                                              Max. :2.000
   NA's :669
                 NA's :686
                               NA's :725
                                             NA's :707
##
   QN63
##
                 QN64
                               QN65
                                                  QN66
                 Min. :1.000
                               Min. :1.000
   Min. :1.000
                                             Min. :1.000
```

```
1st Qu.:2.000
                    1st Ou.:1.000
                                     1st Qu.:2.000
                                                      1st Ou.:1.000
##
    Median :2.000
                    Median :1.000
                                     Median :2.000
                                                      Median :2.000
##
    Mean
           :1.776
                    Mean
                           :1.407
                                     Mean
                                            :1.832
                                                      Mean
                                                             :1.696
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
##
    Max.
           :2.000
                    Max.
                            :2.000
                                     Max.
                                             :2.000
                                                      Max.
                                                             :2.000
    NA's
           :8948
                    NA's
                            :9018
                                     NA's
                                             :9129
                                                      NA's
##
                                                             :242
##
         ON67
                          QN68
                                          ON69
                                                           ON70
##
    Min.
           :1.000
                    Min.
                           :1.000
                                     Min.
                                            :1.000
                                                      Min.
                                                             :1.000
    1st Qu.:1.000
                    1st Qu.:2.000
                                     1st Qu.:2.000
                                                      1st Qu.:2.000
##
    Median :2.000
                    Median :2.000
                                     Median :2.000
                                                      Median :2.000
##
    Mean
           :1.531
                    Mean
                           :1.867
                                     Mean
                                           :1.949
                                                      Mean
                                                            :1.958
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
##
           :2.000
                            :2.000
                                             :2.000
                                                             :2.000
    Max.
                    Max.
                                     Max.
                                                      Max.
##
    NA's
           :259
                    NA's
                            :226
                                     NA's :247
                                                      NA's
                                                           :299
##
         QN71
                          QN72
                                          QN73
                                                           QN74
    Min.
##
           :1.000
                    Min. :1.000
                                     Min.
                                            :1.000
                                                      Min.
                                                             :1.000
##
    1st Qu.:1.000
                    1st Qu.:1.000
                                     1st Qu.:1.000
                                                      1st Qu.:1.000
##
    Median :1.000
                    Median :1.000
                                     Median :1.000
                                                      Median :1.000
##
    Mean
           :1.221
                    Mean
                          :1.112
                                     Mean
                                            :1.397
                                                      Mean
                                                            :1.341
##
    3rd Qu.:1.000
                     3rd Qu.:1.000
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
##
    Max.
           :2.000
                    Max.
                            :2.000
                                             :2.000
                                                             :2.000
                                     Max.
                                                      Max.
                            :224
##
    NA's
           :217
                    NA's
                                     NA's
                                             :244
                                                      NA's
                                                             :234
                                                                           QN79
##
         QN75
                          QN76
                                         QN77
                                                          QN78
##
   Min.
           :1.000
                    Min. :1.00
                                    Min. :1.000
                                                     Min.
                                                            :1.000
                                                                     Min.
:1.000
   1st Qu.:1.000
                    1st Qu.:1.00
                                    1st Qu.:1.000
                                                     1st Qu.:2.000
                                                                      1st
Qu.:1.000
                    Median :1.00
                                    Median :2.000
## Median :2.000
                                                     Median :2.000
                                                                     Median
:2.000
## Mean
                    Mean
                            :1.19
                                            :1.731
                                                            :1.884
                                                                     Mean
           :1.546
                                    Mean
                                                     Mean
:1.634
## 3rd Qu.:2.000
                    3rd Qu.:1.00
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
                                                                      3rd
Qu.:2.000
                    Max.
## Max.
           :2.000
                            :2.00
                                    Max.
                                            :2.000
                                                     Max.
                                                            :2.000
                                                                     Max.
:2.000
## NA's
                    NA's
                            :250
                                    NA's
                                                     NA's
                                                                     NA's
           :237
                                            :259
                                                            :303
:260
##
         QN80
                          QN81
                                          QN82
                                                           QN83
                                           :1.000
                                                      Min. :1.000
##
   Min.
           :1.000
                    Min.
                            :1.000
                                     Min.
    1st Qu.:1.000
                                     1st Qu.:1.000
                                                      1st Qu.:1.000
##
                    1st Qu.:1.000
    Median :2.000
                    Median :2.000
                                     Median :2.000
                                                      Median :2.000
##
    Mean
           :1.535
                    Mean
                            :1.639
                                     Mean
                                             :1.572
                                                      Mean
                                                             :1.526
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
                                             :2.000
##
    Max.
           :2.000
                    Max.
                            :2.000
                                     Max.
                                                      Max.
                                                             :2.000
##
    NA's
           :273
                    NA's
                            :338
                                     NA's
                                           :328
                                                      NA's
                                                             :355
##
         QN84
                          QN85
                                         QN86
                                                          QN87
                                                                           QN88
##
   Min.
           :1.000
                    Min. :1.00
                                            :1.000
                                                     Min.
                                                            :1.000
                                    Min.
                                                                      Min.
:1.00
##
  1st Qu.:1.000
                    1st Qu.:1.00
                                    1st Qu.:2.000
                                                     1st Qu.:2.000
                                                                      1st
Qu.:1.00
```

```
## Median :1.000
                    Median :1.00
                                    Median :2.000
                                                    Median :2.000
                                                                     Median
:1.00
                            :1.15
## Mean
           :1.466
                    Mean
                                    Mean
                                           :1.786
                                                    Mean
                                                            :1.928
                                                                     Mean
:1.48
## 3rd Qu.:2.000
                    3rd Qu.:1.00
                                    3rd Qu.:2.000
                                                    3rd Qu.:2.000
                                                                     3rd
Qu.:2.00
## Max.
           :2.000
                    Max.
                           :2.00
                                    Max.
                                           :2.000
                                                    Max.
                                                            :2.000
                                                                     Max.
:2.00
## NA's
           :388
                    NA's
                           :360
                                    NA's
                                           :347
                                                    NA's
                                                            :1063
                                                                     NA's
:1176
##
         QN89
                         QN90
                                          QN91
                                                           QN92
## Min.
           :1.000
                    Min.
                            :1.000
                                            :1.000
                                                      Min.
                                                             :1.000
                                     Min.
    1st Qu.:2.000
##
                    1st Qu.:2.000
                                     1st Qu.:2.000
                                                      1st Qu.:1.000
##
   Median :2.000
                    Median :2.000
                                     Median :2.000
                                                      Median :2.000
##
   Mean
           :1.853
                    Mean
                            :1.906
                                     Mean
                                            :1.897
                                                      Mean
                                                             :1.694
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                      3rd Qu.:2.000
##
   Max.
           :2.000
                    Max.
                           :2.000
                                     Max.
                                            :2.000
                                                      Max.
                                                             :2.000
    NA's
                    NA's
                                     NA's
                                            :994
                                                      NA's
##
           :1087
                            :872
                                                             :1248
##
        site
                          qnfrcig
                                          qnanytob
                                                            anothh
##
    Length:13583
                       Min.
                               :1.00
                                       Min.
                                             :1.000
                                                        Min.
                                                               :1.000
##
   Class :character
                       1st Qu.:2.00
                                       1st Qu.:2.000
                                                        1st Qu.:2.000
##
   Mode :character
                       Median :2.00
                                       Median :2.000
                                                        Median :2.000
##
                               :1.95
                                              :1.792
                                                        Mean
                                                               :1.933
                       Mean
                                       Mean
##
                       3rd Qu.:2.00
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
                               :2.00
                                       Max.
                       Max.
                                              :2.000
                                                        Max.
                                                               :2.000
##
                       NA's
                               :561
                                       NA's
                                              :759
                                                        NA's
                                                               :9129
                       qndualbc
                                                                        qnfruit
##
       qnothhpl
                                       gnbcnone
                                                         qnfrvg
           :1.000
                           :1.00
## Min.
                    Min.
                                    Min.
                                           :1.000
                                                    Min.
                                                            :1.000
                                                                     Min.
:1.000
                                                    1st Qu.:2.000
## 1st Qu.:2.000
                    1st Qu.:2.00
                                    1st Qu.:2.000
                                                                     1st
Qu.:1.000
## Median :2.000
                    Median :2.00
                                    Median :2.000
                                                    Median :2.000
                                                                     Median
:2.000
## Mean
           :1.764
                    Mean
                            :1.92
                                    Mean
                                           :1.855
                                                    Mean
                                                            :1.758
                                                                     Mean
:1.649
## 3rd Qu.:2.000
                    3rd Qu.:2.00
                                                                     3rd
                                    3rd Qu.:2.000
                                                    3rd Qu.:2.000
Qu.:2.000
## Max.
           :2.000
                    Max.
                            :2.00
                                    Max.
                                           :2.000
                                                    Max.
                                                            :2.000
                                                                     Max.
:2.000
## NA's
           :9129
                    NA's
                            :9146
                                    NA's
                                           :9129
                                                    NA's
                                                            :407
                                                                     NA's
:261
##
        anfr0
                        anfr1
                                         anfr3
                                                         qnveg
                                                                         qnveg0
## Min.
           :1.000
                    Min.
                            :1.000
                                     Min.
                                            :1.00
                                                    Min.
                                                            :1.000
                                                                     Min.
:1.000
## 1st Qu.:2.000
                    1st Qu.:1.000
                                     1st Qu.:2.00
                                                    1st Qu.:2.000
                                                                     1st
Qu.:2.000
## Median :2.000
                    Median :1.000
                                     Median :2.00
                                                    Median :2.000
                                                                     Median
:2.000
## Mean
           :1.948
                    Mean
                            :1.365
                                     Mean
                                            :1.76
                                                    Mean
                                                            :1.837
                                                                     Mean
:1.929
```

```
## 3rd Qu.:2.000 3rd Qu.:2.000 3rd Qu.:2.00 3rd Qu.:2.000
                                                       3rd
Qu.:2.000
## Max. :2.000
                Max. :2.000 Max. :2.00
                                        Max. :2.000
                                                       Max.
:2.000
## NA's :261
                NA's :261
                            NA's :261 NA's :356
                                                       NA's
:356
                qnveg2
                                         qnsoda0
                                                      qnsoda2
                             qnfrvg2
## qnveg1
                             Min. :1.00
## Min. :1.000
                Min. :1.000
                                         Min. :1.000
                                                       Min.
:1.000
## 1st Qu.:1.000
                1st Qu.:1.000
                             1st Qu.:2.00
                                         1st Qu.:2.000
                                                       1st
Qu.:2.000
## Median :1.000
                Median :2.000 Median :2.00
                                         Median :2.000
                                                       Median
:2.000
## Mean :1.393
                Mean :1.714
                             Mean :1.88
                                         Mean :1.778
                                                       Mean
:1.806
## 3rd Qu.:2.000 3rd Qu.:2.000 3rd Qu.:2.00
                                         3rd Qu.:2.000
                                                       3rd
Ou.:2.000
## Max. :2.000 Max. :2.000 Max. :2.00
                                         Max. :2.000
                                                       Max.
:2.000
## NA's :356
                NA's :356 NA's :407 NA's :259
                                                       NA's
:259
## qnsoda3
               qnmilk0
                             gnmilk1
                                          gnmilk2
qnnobkft
               Min. :1.000
## Min. :1.00
                            Min. :1.000
                                         Min. :1.000
                                                       Min.
:1.000
## 1st Qu.:2.00
               1st Qu.:2.000
                            1st Qu.:1.000
                                         1st Qu.:2.000
                                                       1st
Qu.:2.000
## Median :2.00 Median :2.000
                            Median :2.000
                                         Median :2.000
                                                       Median
:2.000
## Mean :1.88 Mean :1.788
                            Mean :1.617
                                         Mean :1.757
                                                       Mean
:1.854
## 3rd Qu.:2.00
              3rd Qu.:2.000
                            3rd Qu.:2.000
                                         3rd Qu.:2.000
                                                       3rd
Qu.:2.000
## Max. :2.00 Max. :2.000
                            Max. :2.000
                                         Max. :2.000
                                                       Max.
:2.000
## NA's :259 NA's :303
                            NA's :303
                                         NA's :303 NA's
:260
## qndlype
               qnpa0day qnpa7day qnowt
## Min. :1.000 Min. :1.000 Min. :1.000
                                          Min. :1.000
## 1st Qu.:1.000
                1st Qu.:2.000
                             1st Qu.:1.000
                                          1st Qu.:2.000
## Median :2.000
                Median :2.000
                             Median :2.000
                                          Median :2.000
## Mean :1.698
                Mean :1.837
                             Mean :1.728
                                          Mean :1.836
## 3rd Qu.:2.000
                3rd Qu.:2.000
                             3rd Qu.:2.000
                                          3rd Qu.:2.000
## Max. :2.000
                Max. :2.000
                             Max. :2.000
                                          Max. :2.000
## NA's :355
                NA's :273
                             NA's :273
                                          NA's :1004
  qnobese
                weight stratum
##
                                             psu
## Min. :1.000
                Min. :0.0286
                              Min. :101
                                         Min. : 10970
## 1st Qu.:2.000
                1st Qu.:0.4470
                              1st Qu.:103
                                          1st Qu.: 60890
## Median :2.000
                Median :0.7927
                              Median :113
                                         Median :181470
## Mean :1.858 Mean :1.0000
                              Mean :154 Mean :219788
```

```
3rd Ou.:2.000
                    3rd Ou.:1.2222
                                     3rd Ou.:211
                                                   3rd Ou.:290770
##
   Max.
           :2.000
                    Max.
                           :9.2349
                                     Max.
                                          :214
                                                   Max.
                                                          :530330
##
    NA's
           :1004
##
        bmipct
                       raceeth
                                        q6orig
                                                        q7orig
##
   Min.
           : 0.00
                    Min.
                           :1.000
                                    Min. : 0.0
                                                    Min. : 0.0
##
    1st Qu.:42.53
                    1st Qu.:3.000
                                    1st Qu.:503.0
                                                    1st Qu.:124.0
   Median :69.16
                    Median :5.000
                                    Median :506.0
                                                    Median :142.0
##
##
   Mean
           :63.51
                    Mean
                           :4.926
                                    Mean
                                           :514.2
                                                    Mean
                                                           :149.9
                                    3rd Qu.:510.0
##
    3rd Qu.:88.95
                    3rd Qu.:6.000
                                                    3rd Qu.:168.0
##
           :99.95
                           :8.000
                                           :712.0
                                                    Max.
                                                           :399.0
   Max.
                    Max.
                                    Max.
                                    NA's :508
## NA's
           :1004
                    NA's
                           :318
                                                    NA's
                                                           :689
```

Importing .dat files into R for YRBS 2011

raw2011YRBS <- read_sav("C:/Users/acrom/Google Drive/ASU Files/ASU WORK
PRODUCT_CONHI Program/ASU-NUR CE Prep/YRBS Datasets/ADC Dissertation-YRBS
Data Sets/2011YRBS-SPSS.sav")
View(raw2011YRBS)</pre>

Print Head and Summary of 2011 YRBS Data Frame

```
print("Top 6 Entries of data frame:")
## [1] "Top 6 Entries of data frame:"
head(raw2011YRBS)
## # A tibble: 6 × 207
                                            Q5
                            Q3
                                     Q4
                                                      Q6
                                                             Q7 Q8
                                                                        Q9
##
                    Q2
Q10
                    <chr+l> <chr+l> <chr+> <chr> <dbl> <dbl> <chr+l> <chr+l>
##
     <chr+lbl>
<chr+l>
## 1 3 [14 years ... 1 [Fem... 1 [9th... 2 [No] " ... 1.68 52.2 1 [Did... 4 [Mos... 5
[6 o...
## 2 3 [14 years ... 1 [Fem... 1 [9th... 2 [No] " C"
                                                    1.63 49.9 1 [Did... 3 [Som... 1
[0 t...
## 3 4 [15 years ... 1 [Fem... 1 [9th... 2 [No] " C"
                                                    1.63 60.3 2 [Nev... 4 [Mos... 1
## 4 5 [16 years ... 1 [Fem... 1 [9th... 2 [No] "
                                               ... 1.6 108. 2 [Nev... 3 [Som... 1
[0 t...
## 5 4 [15 years ... 2 [Mal... 1 [9th... 2 [No] "
                                                ... 1.85 65.8 1 [Did... 5 [Alw... 1
[0 t...
## 6 4 [15 years ... 2 [Mal... 1 [9th... 2 [No] " ... 1.88 68.0 2 [Nev... 4 [Mos... 1
[0 t...
## # i 197 more variables: Q11 <chr+lbl>, Q12 <chr+lbl>, Q13 <chr+lbl>,
       Q14 <chr+lbl>, Q15 <chr+lbl>, Q16 <chr+lbl>, Q17 <chr+lbl>, Q18
<chr+lbl>,
       Q19 <chr+lbl>, Q20 <chr+lbl>, Q21 <chr+lbl>, Q22 <chr+lbl>, Q23
## #
<chr+lbl>,
       Q24 <chr+lbl>, Q25 <chr+lbl>, Q26 <chr+lbl>, Q27 <chr+lbl>, Q28
## #
```

```
<chr+lbl>,
       Q29 <chr+lbl>, Q30 <chr+lbl>, Q31 <chr+lbl>, Q32 <chr+lbl>, Q33
<chr+lbl>,
       Q34 <chr+lbl>, Q35 <chr+lbl>, Q36 <chr+lbl>, Q37 <chr+lbl>, Q38
<chr+lbl>,
       Q39 <chr+lbl>, Q40 <chr+lbl>, Q41 <chr+lbl>, Q42 <chr+lbl>, ...
print("summary:")
## [1] "summary:"
summary(raw2011YRBS)
##
         Q1
                             Q2
                                                 Q3
                                                                     04
##
    Length: 15425
                        Length: 15425
                                            Length: 15425
                                                                Length: 15425
    Class :character
                        Class :character
                                            Class :character
                                                                Class :character
                                           Mode :character
##
    Mode :character
                        Mode :character
                                                               Mode :character
##
##
##
##
                                              07
##
         Q5
                              Q6
                                                               80
##
    Length: 15425
                        Min.
                               :1.27
                                       Min.
                                              : 28.58
                                                         Length: 15425
                                       1st Qu.: 55.34
                                                         Class :character
##
    Class :character
                        1st Qu.:1.60
    Mode :character
                        Median :1.68
                                       Median : 63.50
                                                         Mode :character
##
##
                        Mean
                               :1.69
                                       Mean
                                             : 67.47
                        3rd Qu.:1.75
                                       3rd Qu.: 74.84
##
##
                        Max.
                               :2.11
                                       Max.
                                               :180.99
##
                        NA's
                               :1140
                                        NA's
                                               :1140
##
         Q9
                            Q10
                                                Q11
                                                                    Q12
    Length: 15425
##
                        Length: 15425
                                            Length: 15425
                                                                Length: 15425
##
    Class :character
                        Class :character
                                            Class :character
                                                                Class :character
##
    Mode :character
                        Mode :character
                                           Mode :character
                                                               Mode :character
##
##
##
##
##
        013
                            014
                                                015
                                                                    016
##
    Length: 15425
                        Length: 15425
                                            Length: 15425
                                                                Length: 15425
    Class :character
                        Class :character
                                            Class :character
                                                                Class :character
##
    Mode :character
                        Mode :character
                                           Mode :character
                                                               Mode :character
##
##
##
##
##
##
        Q17
                            Q18
                                                Q19
                                                                    Q20
##
    Length: 15425
                        Length: 15425
                                            Length: 15425
                                                                Length: 15425
    Class :character
                        Class :character
                                            Class :character
                                                                Class :character
##
    Mode :character
                        Mode :character
                                            Mode :character
                                                                Mode :character
##
##
```

##				
##				
##	021	Q22	Q23	Q24
	Q21		_	<u> </u>
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
##				
##	Q25	Q26	Q27	Q28
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	_		Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
	Mode .Character	Mode .Character	Mode .Character	Mode .Character
##				
##				
##				
##				
##	Q29	Q30	Q31	Q32
##	_	•	Length:15425	Length:15425
	Length:15425	Length:15425		
##	Class :character			Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
##	022	024	025	036
## ##	Q33	Q34	Q35	Q36
## ## ##	Length:15425	Length:15425	Length:15425	Length:15425
## ## ## ##	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character
## ## ##	Length:15425	Length:15425	Length:15425	Length:15425
## ## ## ##	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character
## ## ## ## ##	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character
## ## ## ## ##	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character
## ## ## ## ## ##	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character
## ## ## ## ## ## ##	Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character
## ## ## ## ## ## ##	Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character
## ## ## ## ## ##	Length:15425 Class :character Mode :character	Length:15425 Class:character Mode:character Q38 Length:15425	Length:15425 Class:character Mode:character Q39 Length:15425	Length:15425 Class :character Mode :character
## ## ## ## ## ## ##	Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character
## ## ## ## ## ## ## ##	Length:15425 Class :character Mode :character Q37 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character	Length:15425 Class :character Mode :character Q39 Length:15425 Class :character	Length:15425 Class :character Mode :character Q40 Length:15425 Class :character
## ## ## ## ## ## ## ## ## ## ## ## ##	Length:15425 Class :character Mode :character Q37 Length:15425	Length:15425 Class:character Mode:character Q38 Length:15425	Length:15425 Class:character Mode:character Q39 Length:15425	Length:15425 Class:character Mode:character Q40 Length:15425
######################################	Length:15425 Class :character Mode :character Q37 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character	Length:15425 Class :character Mode :character Q39 Length:15425 Class :character	Length:15425 Class :character Mode :character Q40 Length:15425 Class :character
## ## ## ## ## ## ## ## ##	Length:15425 Class :character Mode :character Q37 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character	Length:15425 Class :character Mode :character Q39 Length:15425 Class :character	Length:15425 Class :character Mode :character Q40 Length:15425 Class :character
######################################	Length:15425 Class :character Mode :character Q37 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character	Length:15425 Class :character Mode :character Q39 Length:15425 Class :character	Length:15425 Class :character Mode :character Q40 Length:15425 Class :character
####################	Length:15425 Class :character Mode :character Q37 Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character Q39 Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character Q40 Length:15425 Class :character Mode :character
######################################	Length:15425 Class :character Mode :character Q37 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character	Length:15425 Class :character Mode :character Q39 Length:15425 Class :character	Length:15425 Class :character Mode :character Q40 Length:15425 Class :character
####################	Length:15425 Class :character Mode :character Q37 Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character Q39 Length:15425 Class :character Mode :character	Length:15425 Class :character Mode :character Q40 Length:15425 Class :character Mode :character
#########################	Length:15425 Class :character Mode :character Q37 Length:15425 Class :character Mode :character Q41 Length:15425	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character Mode :character Q42 Length:15425	Q39 Length:15425 Class:character Mode:character Q39 Length:15425 Class:character Mode:character	Length:15425 Class :character Mode :character Q40 Length:15425 Class :character Mode :character Q44 Length:15425
###########################	Class :character Mode :character Q37 Length:15425 Class :character Mode :character Q41 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character Mode :character Q42 Length:15425 Class :character	Q39 Length:15425 Class :character Mode :character Q39 Length:15425 Class :character Mode :character Q43 Length:15425 Class :character	Q40 Length:15425 Class :character Q40 Length:15425 Class :character Mode :character Q44 Length:15425 Class :character
#############################	Length:15425 Class :character Mode :character Q37 Length:15425 Class :character Mode :character Q41 Length:15425	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character Mode :character Q42 Length:15425	Q39 Length:15425 Class:character Mode:character Q39 Length:15425 Class:character Mode:character	Length:15425 Class :character Mode :character Q40 Length:15425 Class :character Mode :character Q44 Length:15425
#############################	Class :character Mode :character Q37 Length:15425 Class :character Mode :character Q41 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character Mode :character Q42 Length:15425 Class :character	Q39 Length:15425 Class :character Mode :character Q39 Length:15425 Class :character Mode :character Q43 Length:15425 Class :character	Q40 Length:15425 Class :character Q40 Length:15425 Class :character Mode :character Q44 Length:15425 Class :character
#######################################	Class :character Mode :character Q37 Length:15425 Class :character Mode :character Q41 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character Mode :character Q42 Length:15425 Class :character	Q39 Length:15425 Class :character Mode :character Q39 Length:15425 Class :character Mode :character Q43 Length:15425 Class :character	Q40 Length:15425 Class :character Q40 Length:15425 Class :character Mode :character Q44 Length:15425 Class :character
###############################	Class :character Mode :character Q37 Length:15425 Class :character Mode :character Q41 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character Mode :character Q42 Length:15425 Class :character	Q39 Length:15425 Class :character Mode :character Q39 Length:15425 Class :character Mode :character Q43 Length:15425 Class :character	Q40 Length:15425 Class :character Q40 Length:15425 Class :character Mode :character Q44 Length:15425 Class :character
#######################################	Class :character Mode :character Q37 Length:15425 Class :character Mode :character Q41 Length:15425 Class :character	Length:15425 Class :character Mode :character Q38 Length:15425 Class :character Mode :character Q42 Length:15425 Class :character	Q39 Length:15425 Class :character Mode :character Q39 Length:15425 Class :character Mode :character Q43 Length:15425 Class :character	Q40 Length:15425 Class :character Q40 Length:15425 Class :character Mode :character Q44 Length:15425 Class :character

## ## ## ## ##	Q45 Length:15425 Class :character Mode :character	Q46 Length:15425 Class :character Mode :character	Q47 Length:15425 Class :character Mode :character	Q48 Length:15425 Class :character Mode :character
## ## ##	Q49	Q50	Q51	Q52
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
## ## ## ##	Mode :character	Mode :character	Mode :character	Mode :character
##	Q53	Q54	Q55	Q56
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##	Houe .character	Hode : character	Hode : character	House .character
##				
##				
##	057	050	OFO	060
##	Q57	Q58	Q59	Q60
##	Length: 15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
## ##				
##				
##				
##	Q61	Q62	Q63	Q64
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##	rioue . Character	Houe .character	Houe .character	Hode .character
##				
##				
##				
##	Q65	Q66	Q67	Q68
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
## ##				
##				
##				
##	Q69	Q70	Q71	Q72
##	Length:15425	Length:15425	Length:15425	Length:15425
				_

## ## ## ##	Class :character Mode :character	Class :character Mode :character	Class :character Mode :character	Class :character Mode :character
## ##	Q73	Q74	Q75	Q76
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
## ##				
##	Q77	Q78	Q79	Q80
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
## ##				
##				
##				
##	Q81	Q82	Q83	Q84
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
## ##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
##	Q85	Q86	Q87	Q88
## ##	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character	Length:15425 Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
## ##	Q89	Q90	Q91	Q92
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
## ##				
##				
##	Q93	Q94	Q95	Q96
##	Length:15425	Length:15425	Length:15425	Length:15425
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character

```
##
##
##
##
##
        Q97
                             QN8
                                               QN9
                                                               QN10
##
    Length: 15425
                        Min. :1.000
                                         Min. :1.000
                                                                  :1.000
                                                          Min.
    Class :character
                        1st Qu.:1.000
                                         1st Qu.:2.000
                                                          1st Qu.:1.000
##
##
    Mode :character
                        Median :1.000
                                         Median :2.000
                                                          Median :2.000
##
                        Mean
                               :1.114
                                         Mean
                                               :1.914
                                                          Mean
                                                                 :1.745
##
                        3rd Qu.:1.000
                                         3rd Qu.:2.000
                                                          3rd Qu.:2.000
##
                        Max.
                               :2.000
                                         Max.
                                                 :2.000
                                                          Max.
                                                                  :2.000
                                         NA's
                                                          NA's
##
                        NA's
                                :5899
                                                 :485
                                                                  :517
##
                          QN12
                                           QN13
                                                            QN14
         QN11
##
    Min.
           :1.000
                            :1.000
                                      Min.
                                             :1.000
                                                              :1.000
                     Min.
                                                       Min.
                                      1st Qu.:2.000
                                                       1st Qu.:2.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
##
    Mean
           :1.917
                     Mean
                            :1.837
                                      Mean
                                             :1.948
                                                       Mean
                                                              :1.949
##
    3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
                     3rd Qu.:2.000
                                             :2.000
##
    Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                                       Max.
                                                              :2.000
##
    NA's
           :335
                     NA's
                             :401
                                      NA's
                                             :918
                                                       NA's
                                                               :499
##
         QN15
                          QN16
                                           QN17
                                                            QN18
##
           :1.000
                            :1.000
                                             :1.000
                                                              :1.000
    Min.
                     Min.
                                      Min.
                                                       Min.
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:1.000
                                                       1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
##
    Mean
           :1.933
                     Mean
                            :1.924
                                      Mean
                                             :1.667
                                                       Mean
                                                             :1.957
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
##
    Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                             :2.000
                                                       Max.
                                                              :2.000
    NA's
##
           :105
                     NA's
                            :81
                                      NA's
                                             :319
                                                       NA's
                                                              :855
         QN19
                          QN20
                                           QN21
                                                            QN22
                                                                            QN23
##
##
   Min.
           :1.000
                            :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                              :1.00
                                                                       Min.
                     Min.
:1.000
    1st Qu.:2.000
                     1st Qu.:2.000
                                      1st Qu.:2.000
                                                       1st Qu.:2.00
##
                                                                       1st
Qu.:2.000
                     Median :2.000
                                      Median :2.000
## Median :2.000
                                                       Median :2.00
                                                                       Median
:2.000
## Mean
           :1.877
                     Mean
                            :1.895
                                      Mean
                                             :1.916
                                                       Mean
                                                               :1.82
                                                                       Mean
:1.851
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.00
                                                                       3rd
## 3rd Qu.:2.000
Qu.:2.000
## Max.
           :2.000
                     Max.
                            :2.000
                                      Max.
                                             :2.000
                                                       Max.
                                                              :2.00
                                                                       Max.
:2.000
##
   NA's
           :243
                     NA's
                            :155
                                      NA's
                                             :226
                                                       NA's
                                                               :730
                                                                       NA's
:1548
##
         QN24
                          QN25
                                           QN26
                                                            QN27
                            :1.000
                     Min.
##
   Min.
           :1.000
                                      Min.
                                             :1.000
                                                       Min.
                                                              :1.000
##
    1st Qu.:1.000
                     1st Qu.:2.000
                                      1st Qu.:2.000
                                                       1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                      Median :2.000
                                                       Median :2.000
##
    Mean
           :1.703
                     Mean
                            :1.841
                                      Mean
                                             :1.868
                                                       Mean
                                                              :1.913
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
    Max. :2.000
                     Max. :2.000
                                      Max. :2.000
                                                       Max. :2.000
```

## NA's :156			NA's :1911	
## QN28 ## Min. :1.000	QN29	QN30	QN31	QN32
## Min. :1.000 :1.000	Min. :1.00	Min. :1.000	Min. :1.000	Min.
## 1st Qu.:2.000	1st Qu.:1.00	1st Qu.:2.000	1st Qu.:2.000	1st
Qu.:2.000	13t Qu1.00	13t Qu2.000	13t Qu2.000	130
## Median :2.000	Median :2.00	Median :2.000	Median :2.000	Median
:2.000	ricaran .z.co	11041411 121000	11001011 12:000	ricazan
## Mean :1.973	Mean :1.54	Mean :1.897	Mean :1.828	Mean
:1.924				
## 3rd Qu.:2.000	3rd Qu.:2.00	3rd Qu.:2.000	3rd Qu.:2.000	3rd
Qu.:2.000				
## Max. :2.000	Max. :2.00	Max. :2.000	Max. :2.000	Max.
:2.000				
## NA's :2466	NA's :2066	NA's :580	NA's :682	NA's
:13035				
## QN33				
## Min. :1.000		Min. :1.000		
## 1st Qu.:2.000 ## Median :2.000	_	1st Qu.:2.000 Median :2.000		
## Median :2.000 ## Mean :1.855	Mean :1.953	Median :2.000 Mean :1.906		
## 3rd Qu.:2.000		3rd Qu.:2.000		
## Max. :2.000	Max. :2.000		_	
## NA's :13590				
## QN37				QN41
## Min. :1.000	Min. :1.000	Min. :1.000		Min.
:1.000				
## 1st Qu.:2.000	1st Qu.:2.000	1st Qu.:2.000	1st Qu.:1.00	1st
Qu.:2.000				
## Median :2.000	Median :2.000	Median :2.000	Median :1.00	Median
:2.000				
## Mean :1.933	Mean :1.958	Mean :1.868	Mean :1.29	Mean
:1.787	2 1 2 2 2 2 2	2 1 2 2 22	2 1 2 2 2	2 1
## 3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.00	3rd
Qu.:2.000 ## Max. :2.000	May •2 000	May +2 000	May •2 00	Max
## Max. :2.000 :2.000	Max. :2.000	Max. :2.000	Max. :2.00	Max.
## NA's :458	NΔ's ·1513	NA's :859	NA's :1257	NA's
:331	WA 3 .1313	IVA 5 .055	NA 5 .1257	IVA 3
## QN42	QN43	QN44	QN45	QN46
## Min. :1.00	Min. :1.000	Min. :1.000	Min. :1.000	Min.
:1.000				
## 1st Qu.:1.00	1st Qu.:2.000	1st Qu.:1.000	1st Qu.:2.000	1st
Qu.:1.000				
## Median :2.00	Median :2.000	Median :2.000	Median :2.000	Median
:2.000				
## Mean :1.61		M 1 FOC	Mann 11 012	Maan
	Mean :1.782	Mean :1.596	Mean :1.942	Mean
:1.583				
				3rd

## Max. :2.000	:2.00	Max.	:2.000	Max.	:2.000	Max.	:2.000	Max.	
## NA's	:1482	NA's	:469	NA's	:10433	NA's	:392	NA's	
:500									
## Q ## Min.	N47	QN	148	QI	N49	QI	N50		QN51
## Min.	:1.00	Min.	:1.000	Min.	:1.000	Min.	:1.000	Min.	
:1.000									
## 1st Qu	.:2.00	1st Ou.	:2.000	1st Ou	.:2.000	1st Ou	.:2.000	1st	
Qu.:2.000									
## Median		Modian	.2 000	Modian	:2.000	Modian	.2 000	Medi	an .
	.2.00	пецтан	.2.000	пецтан	.2.000	пецтан	.2.000	Media	all
:2.000									
## Mean	:1.91	Mean	:1.764	Mean	:1.935	Mean	:1.928	Mean	
:1.967									
## 3rd Qu	.:2.00	3rd Qu.	:2.000	3rd Qu	.:2.000	3rd Qu	.:2.000	3rd	
Qu.:2.000									
## Max.		Max.	:2.000	Max.	:2.000	Max.	:2.000	Max.	
:2.000		1.67.		11071		11071		11071	
## NA's	• 204	NA's	. 455	NA ' c	.707	NA ' c	. 207	NA ' c	
	:394	NA S	:455	NA S	:/8/	IVA S	:287	NA S	
:990									
## Q	N52	Q	N53	(2N54	(QN55		
## Min.	:1.000	Min.	:1.000	Min.	:1.000	Min.	:1.000		
## 1st Qu	.:2.000	1st Qu	.:2.000	1st Qu	ı.:2.000	1st Q	J.:2.000		
	:2.000				n :2.000		1 :2.000		
	:1.885		:1.971		:1.962		:1.914		
	.:2.000				J.:2.000		u.:2.000		
_		_		_		_			
	:2.000		:2.000		:2.000		:2.000		
	:869		:1356		:492		:1155		
					2N58		QN59		
## Min.	:1.000	Min.	:1.000	Min.	:1.000	Min.	:1.000		
## 1st Qu	.:2.000	1st Qu	.:2.000	1st Qu	ı.:2.000	1st Q	J.:1.000		
## Median	:2.000	Median	:2.000	Media	1 :2.000	Media	n :2.000		
	:1.963		:1.803		:1.976		:1.723		
					ı.:2.000		ı.:2.000		
_	:2.000	_	:2.000	_		_	:2.000		
_					:2.000				
## NA's	:601	NA's		NA's		NA's			
_	N60	_	N61	_	N62	_	N63		QN64
## Min.	:1.000	Min.	:1.00	Min.	:1.000	Min.	:1.000	Min.	
:1.000									
## 1st Qu	.:1.000	1st Qu	.:2.00	1st Qu	.:2.000	1st Qu	.:1.000	1st	
Qu.:2.000		•		_		_			
•	:1.000	Median	:2.00	Median	:2.000	Median	:2.000	Medi	an
:2.000	.1.000	псатап	.2.00	ricatan	.2.000	ricatan	.2.000	ricar	uii
	.1 405	M :-	.1 03	Masir	.1 025	Mass	.1 630	M	
## Mean	:1.495	Mean	:1.93	Mean	:1.835	Mean	:1.639	Mean	
:1.782									
## 3rd Qu	.:2.000	3rd Qu	.:2.00	3rd Qu	.:2.000	3rd Qu	.:2.000	3rd	
Qu.:2.000									
## Max.					0 000	Max	. 2 000	M	
11 11 11017	:2.000	Max.	:2.00	Max.	:2.000	Max.	:2.000	Max.	
	:2.000	Max.	:2.00	Max.	:2.000	Max.	:2.000	мах.	
:2.000									
	:2.000	Max. NA's	:2.00	Max. NA's		Max. NA's	:1129	Max. NA's	

## QN65	ONEE	ON67	ONES	ONEO
## Min. :1.000	Min. :1.000	Min. :1.0	Min. :1.000	Min.
## 1st Qu.:1.000 Qu.:2.000	1st Qu.:2.000	1st Qu.:1.0	1st Qu.:1.000	1st
## Median :1.000 :2.000	Median :2.000	Median :2.0	Median :2.000	Median
## Mean :1.398 :1.873	Mean :1.843	Mean :1.7	Mean :1.531	Mean
## 3rd Qu.:2.000 Qu.:2.000	3rd Qu.:2.000	3rd Qu.:2.0	3rd Qu.:2.000	3rd
## Max. :2.000 :2.000	Max. :2.000	Max. :2.0	Max. :2.000	Max.
## NA's :10390				
## QN70				
## Min. :1.000 :1.000	Min. :1.000	Min. :1.00	Min. :1.000	Min.
## 1st Qu.:2.000 Qu.:1.000	1st Qu.:2.000	1st Qu.:1.00	1st Qu.:1.000	1st
## Median :2.000 :1.000	Median :2.000	Median :1.00	Median :1.000	Median
## Mean :1.945 :1.402	Mean :1.953	Mean :1.19	Mean :1.127	Mean
## 3rd Qu.:2.000 Qu.:2.000	3rd Qu.:2.000	3rd Qu.:1.00	3rd Qu.:1.000	3rd
## Max. :2.000 :2.000	Max. :2.000	Max. :2.00	Max. :2.000	Max.
## NA's :289 :664	NA's :324	NA's :677	NA's :726	NA's
## QN75	0N76	ON77	ON78	ON79
## Min. :1.000				
:1.000				
## 1st Qu.:1.000 Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.00	1st
## Median :1.000 :2.000	Median :2.000	Median :1.000	Median :2.00	Median
## Mean :1.333 :1.536	Mean :1.539	Mean :1.191	Mean :1.72	Mean
## 3rd Qu.:2.000 Qu.:2.000	3rd Qu.:2.000	3rd Qu.:1.000	3rd Qu.:2.00	3rd
## Max. :2.000 :2.000	Max. :2.000	Max. :2.000	Max. :2.00	Max.
## NA's :913 :377	NA's :914	NA's :701	NA's :1121	NA's
	QN81	QN82	QN83	QN84
## Min. :1.000	_	_		_
## 1st Qu.:1.000 Qu.:1.000	1st Qu.:1.000	1st Qu.:1.000	1st Qu.:1.00	1st
## Median :2.000	Median :2.000	Median :2.000	Median :1.00	Median

```
:1.000
                    Mean
## Mean
           :1.643
                           :1.671
                                    Mean
                                            :1.501
                                                     Mean
                                                            :1.45
                                                                    Mean
:1.167
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.00
                                                                    3rd
## 3rd Qu.:2.000
Qu.:1.000
## Max.
           :2.000
                    Max.
                           :2.000
                                            :2.000
                                                            :2.00
                                                                    Max.
                                    Max.
                                                     Max.
:2.000
## NA's
                    NA's
           :415
                           :428
                                    NA's
                                            :529
                                                     NA's
                                                            :534
                                                                    NA's
:928
##
         QN85
                         QN86
                                          QN87
                                                          QN88
##
   Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                           :1.000
                                                     Min.
                                                            :1.000
    1st Qu.:2.000
                    1st Qu.:2.000
##
                                    1st Qu.:1.000
                                                     1st Qu.:1.000
##
   Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :2.000
##
   Mean
          :1.773
                    Mean
                          :1.886
                                    Mean
                                           :1.684
                                                     Mean :1.735
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
   Max.
           :2.000
                    Max.
                           :2.000
                                    Max.
                                           :2.000
                                                     Max.
                                                            :2.000
##
    NA's
           :1085
                    NA's
                           :1239
                                    NA's
                                            :2633
                                                     NA's
                                                            :3016
##
                         QN90
                                         QN91
                                                          QN92
         QN89
##
   Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                            :1.000
                                                     Min.
                                                            :1.000
##
    1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:1.000
                                                     1st Qu.:1.000
##
   Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :1.000
##
   Mean
           :1.918
                    Mean
                           :1.864
                                    Mean
                                            :1.635
                                                     Mean
                                                            :1.454
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
           :2.000
                           :2.000
                                            :2.000
                                                            :2.000
   Max.
                    Max.
                                    Max.
                                                     Max.
##
    NA's
           :3995
                    NA's
                           :3087
                                    NA's
                                            :3410
                                                     NA's
                                                            :3872
##
         QN93
                         QN94
                                         QN95
                                                          QN96
                                                                         QN97
                                           :1.000
##
           :1.000
                    Min.
                           :1.000
                                                     Min.
                                                            :1.00
   Min.
                                    Min.
                                                                    Min.
:1.000
##
   1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:2.000
                                                     1st Qu.:1.00
                                                                    1st
Ou.:1.000
## Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :2.00
                                                                    Median
:2.000
## Mean
           :1.851
                    Mean
                           :1.905
                                    Mean
                                            :1.888
                                                     Mean
                                                            :1.69
                                                                    Mean
:1.709
## 3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.00
                                                                    3rd
Ou.:2.000
## Max.
           :2.000
                    Max.
                           :2.000
                                    Max.
                                            :2.000
                                                     Max.
                                                            :2.00
                                                                    Max.
:2.000
           :4095
                    NA's
                           :3685
                                    NA's :4154
                                                     NA's
                                                                    NA's
## NA's
                                                            :3227
:3524
##
        site
                          qnfrcig
                                          qnanytob
                                                            qndepo
##
    Length: 15425
                       Min. :1.000
                                       Min. :1.000
                                                        Min.
                                                              :1.000
                       1st Qu.:2.000
                                        1st Qu.:2.000
    Class :character
                                                        1st Qu.:2.000
##
   Mode :character
                       Median :2.000
                                       Median :2.000
                                                        Median :2.000
##
                       Mean
                              :1.944
                                       Mean
                                             :1.778
                                                        Mean
                                                               :1.944
                                        3rd Qu.:2.000
##
                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
                              :2.000
                                               :2.000
                                                               :2.000
                       Max.
                                       Max.
                                                        Max.
##
                       NA's
                              :682
                                       NA's
                                               :1535
                                                        NA's
                                                               :10503
##
       qndepopl
                        qndual
                                        qnfrvg
                                                        qnfrvg2
                                                                       qnfruit
   Min. :1.000
                    Min. :1.000 Min. :1.000 Min. :1.00 Min.
```

```
:1.000
## 1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:2.000
                                                     1st Qu.:2.00
                                                                    1st
Qu.:1.000
                    Median :2.000
                                    Median :2.000
## Median :2.000
                                                     Median :2.00
                                                                    Median
:2.000
## Mean
           :1.787
                    Mean
                           :1.917
                                    Mean
                                            :1.771
                                                     Mean
                                                            :1.89
                                                                    Mean
:1.665
## 3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.00
                                                                    3rd
Qu.:2.000
## Max.
           :2.000
                    Max.
                           :2.000
                                    Max.
                                            :2.000
                                                            :2.00
                                                                    Max.
                                                     Max.
:2.000
                                                                    NA's
## NA's
                    NA's
                                    NA's
                                                     NA's
           :10503
                           :10527
                                            :1108
                                                            :1108
:771
##
        qnveg
                       qndlype
                                        qnpa0day
                                                        qnpa7day
                                                                        qnowt
## Min.
           :1.000
                                            :1.000
                    Min.
                           :1.000
                                    Min.
                                                     Min.
                                                            :1.00
                                                                    Min.
:1.000
## 1st Qu.:2.000
                    1st Qu.:1.000
                                     1st Qu.:2.000
                                                     1st Qu.:1.00
                                                                    1st
Qu.:2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :2.00
## Median :2.000
                                                                    Median
:2.000
## Mean
           :1.848
                    Mean
                           :1.708
                                    Mean
                                            :1.847
                                                     Mean
                                                            :1.73
                                                                    Mean
:1.842
## 3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.00
                                                                    3rd
Qu.:2.000
## Max.
           :2.000
                    Max.
                           :2.000
                                    Max.
                                            :2.000
                                                     Max.
                                                            :2.00
                                                                    Max.
:2.000
## NA's
                                                                    NA's
           :984
                    NA's
                           :529
                                    NA's
                                                     NA's
                                                            :377
                                            :377
:1140
##
                        weight
       qnobese
                                          stratum
                                                            psu
## Min.
           :1.000
                    Min.
                           : 0.0529
                                      Min.
                                              :101.0
                                                       Min.
                                                              : 10810
##
    1st Qu.:2.000
                    1st Qu.: 0.4155
                                      1st Qu.:103.0
                                                       1st Qu.:100010
##
   Median :2.000
                    Median : 0.7990
                                      Median :201.0
                                                       Median :201770
##
   Mean
           :1.863
                    Mean
                           : 1.0000
                                      Mean
                                              :158.9
                                                       Mean
                                                              :251655
                    3rd Qu.: 1.3600
    3rd Qu.:2.000
##
                                       3rd Qu.:211.0
                                                       3rd Qu.:421010
                           :10.4435
##
   Max.
           :2.000
                    Max.
                                      Max.
                                             :214.0
                                                       Max.
                                                              :551270
   NA's
##
           :1140
##
        bmipct
                      raceeth
##
   Min.
           : 0.00
                    Length:15425
## 1st Qu.:41.48
                    Class :character
##
   Median :68.28
                    Mode :character
##
   Mean
           :63.00
    3rd Ou.:88.31
##
##
   Max.
           :99.96
   NA's
           :1140
##
```

Importing .dat files into R for YRBS 2009

raw2009YRBS <- read_sav("C:/Users/acrom/Google Drive/ASU Files/ASU WORK
PRODUCT_CONHI Program/ASU-NUR CE Prep/YRBS Datasets/ADC Dissertation-YRBS</pre>

Print Head and Summary of 2009 YRBS Data Frame

```
print("Top 6 Entries of data frame:")
## [1] "Top 6 Entries of data frame:"
head(raw2009YRBS)
## # A tibble: 6 × 208
##
                           Q3
                                    04
                                            05
                                                      06
                                                            07 08
                                                                        09
                   02
Q10
                   <chr+l> <chr+l> <chr+l> <chr> <dbl> <dbl> <chr+l> <chr+l>
##
     <chr+lbl>
<chr+l>
## 1 5 [16 years... 2 [Mal... 3 [11t... 2 [No] "
                                                ... 1.83 72.6 2 [Nev... 3 [Som... 1
[0 t...
                                                ... 1.8
                                                          77.1 1 [Did... 5 [Alw... 1
## 2 7 [18 years... 2 [Mal... 3 [11t... 2 [No]
[0 t...
## 3 6 [17 years... 2 [Mal... 3 [11t... 2 [No]
                                                ... 1.93 95.3 2 [Nev... 2 [Rar... 1
[0 t...
## 4 6 [17 years... 2 [Mal... 3 [11t... 2 [No] "
                                                ... 1.73 70.3 1 [Did... 2 [Rar... 1
[0 t...
                                                ... 1.83 83.9 2 [Nev... 3 [Som... 1
## 5 6 [17 years... 2 [Mal... 3 [11t... 1 [Yes] "
[0 t...
## 6 6 [17 years... 2 [Mal... 3 [11t... 2 [No] "
                                                          87.5 2 [Nev... 3 [Som... 1
                                                ... 1.8
[0 t...
## # i 198 more variables: Q11 <chr+lbl>, Q12 <chr+lbl>, Q13 <chr+lbl>,
       Q14 <chr+lbl>, Q15 <chr+lbl>, Q16 <chr+lbl>, Q17 <chr+lbl>, Q18
<chr+lbl>,
       Q19 <chr+lbl>, Q20 <chr+lbl>, Q21 <chr+lbl>, Q22 <chr+lbl>, Q23
## #
<chr+lbl>,
       Q24 <chr+lbl>, Q25 <chr+lbl>, Q26 <chr+lbl>, Q27 <chr+lbl>, Q28
## #
<chr+lbl>,
       Q29 <chr+lbl>, Q30 <chr+lbl>, Q31 <chr+lbl>, Q32 <chr+lbl>, Q33
## #
<chr+lbl>,
       Q34 <chr+lbl>, Q35 <chr+lbl>, Q36 <chr+lbl>, Q37 <chr+lbl>, Q38
## #
<chr+lbl>,
       Q39 <chr+lbl>, Q40 <chr+lbl>, Q41 <chr+lbl>, Q42 <chr+lbl>, ...
## #
print("summary:")
## [1] "summary:"
summary(raw2009YRBS)
##
         Q1
                             Q2
                                                  Q3
                                                                      Q4
##
    Length: 16410
                        Length:16410
                                            Length:16410
                                                                 Length: 16410
## Class :character
                        Class :character
                                            Class :character
                                                                 Class :character
                                                                Mode :character
## Mode :character
                        Mode :character
                                            Mode :character
```

##				
##				
##				
##				
##	Q5	Q6	Q7	Q8
##	Length:16410		_	th:16410
##	Class :character	1st Qu.:1.630 1s	•	s :character
##	Mode :character	Median :1.680 Me	edian : 63.50 Mode	:character
##		Mean :1.692 Me	ean : 67.58	
##		3rd Qu.:1.750 3r	rd Qu.: 74.84	
##		Max. :2.110 Ma	ax. :180.99	
##		NA's :1232 NA	A's :1232	
##	Q 9	Q10	Q11	Q12
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	_	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
##				
##	Q13	Q14	Q15	Q1 6
##	Length:16410	Length:16410	Length:16410	Length:16410
##		Class :character		
##	Mode :character	Mode :character	Mode :character	Mode :character
##	riode Terrar de cer	riode rendraceer	rioue remaracee.	riode Tellar decel
##				
##				
##				
##	Q17	Q18	Q1 9	Q20
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##	riode . Cital decel	riouc .characcci	rioue : enar de cer	riode : character
##				
##				
##				
##	Q21	Q22	Q23	Q24
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##	Hode . Character	Houe .character	Houe .character	riode . Character
##				
## ##				
##	025	026	027	029
	Q25	Q26	Q27	Q28
##	Length:16410 Class :character	Length:16410 Class :character	Length:16410	Length:16410
##			Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				

######################################	Q29 Length:16410 Class :character Mode :character Q33 Length:16410 Class :character Mode :character	Q30 Length:16410 Class :character Mode :character Q34 Length:16410 Class :character Mode :character	Q31 Length:16410 Class :character Mode :character Q35 Length:16410 Class :character Mode :character	Q32 Length:16410 Class :character Mode :character Q36 Length:16410 Class :character Mode :character
## ## ## ## ## ##	Q37 Length:16410 Class :character Mode :character	Q38 Length:16410 Class :character Mode :character	Q39 Length:16410 Class :character Mode :character	Q40 Length:16410 Class :character Mode :character
##				
##	Q41	Q42	Q43	Q44
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
## ## ## ##	Mode :character	Mode :character	Mode :character	Mode :character
##	Q45	Q46	Q47	Q48
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
## ##				
##	Q49	Q50	Q51	Q52
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
## ## ## ##	Mode :character	Mode :character	Mode :character	Mode :character

## ## ## ##	Q53 Length:16410 Class :character Mode :character	Q54 Length:16410 Class :character Mode :character	Q55 Length:16410 Class :character Mode :character	Q56 Length:16410 Class :character Mode :character
## ## ## ##	Q57	Q58	Q59	Q60
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
## ## ##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##	0.64	0.50	0.50	2-1
##	Q61	Q62	Q63	Q64
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
##				
##	Q65	Q66	Q67	Q68
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
##				
##	Q69	Q70	Q71	Q72
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
##				
##	Q73	Q74	Q75	Q76
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
##				
##	Q77	Q78	Q79	Q80
##	Length:16410	Length:16410	Length:16410	Length:16410
	0	9	<u> </u>	J

## ## ## ##	Class :character Mode :character	Class :character Mode :character	Class :character Mode :character	Class :character Mode :character
##				
##				
##	Q81	Q82	Q83	Q84
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
##	005	006	007	000
## ##	Q85 Length:16410	Q86 Length:16410	Q87 Length:16410	Q88 Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##	riode rendraceer	riode .endraceer	riode . characeci	rioue renaraceer
##				
##				
##				
##	Q89	Q90	Q91	Q92
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
## ##				
##				
##				
##	Q93	Q94	Q95	Q 96
##	Length:16410	Length:16410	Length:16410	Length:16410
##	Class :character	Class :character	Class :character	Class :character
##	Mode :character	Mode :character	Mode :character	Mode :character
##				
##				
##				
## ##	007	Q98	ONO	QN9
##	Q97 Length:16410	Length:16410	QN8 Min. :1.00 Min	_
##	Class :character	Class :character		Qu.:2.000
##	Mode :character	Mode :character		lian :2.000
##			Mean :1.13 Mea	
##				Qu.:2.000
##			Max. :2.00 Max	. :2.000
##			NA's :5924 NA'	s :190
##	QN10	QN11	QN12 QN1	
##		n. :1.000 Min.		1.000
##	_		Qu.:2.000 1st Qu.:	
##	Median :2.000 Me	dian :2.000 Media	n :2.000 Median :	2.000

```
Mean :1.939
    Mean :1.702
                    Mean :1.901
                                    Mean :1.832
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
   Max.
           :2.000
                    Max.
                           :2.000
                                    Max.
                                            :2.000
                                                     Max.
                                                           :2.000
                                                            :746
##
    NA's
           :63
                    NA's
                           :289
                                    NA's
                                            :300
                                                     NA's
##
         QN14
                         QN15
                                         QN16
                                                          QN17
    Min.
                    Min.
##
           :1.000
                           :1.000
                                    Min.
                                            :1.000
                                                     Min.
                                                            :1.000
    1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:2.000
                                                     1st Qu.:1.000
##
##
   Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :2.000
    Mean
           :1.941
                    Mean
                         :1.942
                                    Mean
                                           :1.919
                                                     Mean :1.672
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
   Max.
           :2.000
                    Max.
                           :2.000
                                    Max.
                                            :2.000
                                                     Max.
                                                            :2.000
                    NA's
                                    NA's
##
   NA's
           :154
                           :39
                                            :43
                                                     NA's
                                                            :280
##
         QN18
                         QN19
                                         QN20
                                                          QN21
                                                                          ON22
## Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                           :1.000
                                                     Min.
                                                            :1.000
                                                                     Min.
:1.00
## 1st Qu.:2.000
                    1st Qu.:2.000
                                    1st Qu.:2.000
                                                     1st Qu.:2.000
                                                                     1st
Qu.:2.00
## Median :2.000
                    Median :2.000
                                                                     Median
                                    Median :2.000
                                                     Median :2.000
:2.00
## Mean
           :1.958
                    Mean
                           :1.881
                                    Mean
                                            :1.889
                                                     Mean
                                                            :1.918
                                                                     Mean
:1.81
## 3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
                                                                     3rd
Qu.:2.00
## Max.
           :2.000
                                                            :2.000
                    Max.
                           :2.000
                                    Max.
                                            :2.000
                                                     Max.
                                                                     Max.
:2.00
## NA's
           :661
                    NA's
                           :321
                                    NA's
                                           :193
                                                     NA's
                                                            :675
                                                                     NA's
:777
##
         QN23
                         QN24
                                         QN25
                                                          QN26
                    Min. :1.000
                                           :1.000
## Min.
         :1.000
                                    Min.
                                                     Min. :1.000
   1st Qu.:1.000
                    1st Qu.:2.000
                                    1st Qu.:2.000
                                                     1st Qu.:2.000
##
##
   Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :2.000
   Mean
##
         :1.721
                    Mean :1.855
                                    Mean :1.884
                                                     Mean :1.928
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
    Max.
           :2.000
                    Max.
                         :2.000
                                    Max.
                                           :2.000
                                                     Max.
                                                            :2.000
##
    NA's
           :178
                    NA's
                           :190
                                    NA's
                                           :197
                                                     NA's
                                                            :1801
##
         QN27
                         QN28
                                         ON29
                                                         QN30
           :1.000
##
   Min.
                    Min. :1.000
                                    Min.
                                           :1.000
                                                     Min.
                                                            :1.000
##
    1st Qu.:2.000
                    1st Qu.:1.000
                                    1st Qu.:2.000
                                                     1st Qu.:2.000
##
   Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :2.000
##
    Mean
           :1.977
                    Mean :1.522
                                    Mean :1.887
                                                     Mean :1.811
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
    Max.
           :2.000
                    Max.
                           :2.000
                                    Max.
                                            :2.000
                                                     Max.
                                                            :2.000
##
    NA's
           :1896
                    NA's
                           :522
                                    NA's
                                           :671
                                                     NA's
                                                            :648
        QN31
                         QN32
                                         QN33
                                                         QN34
##
##
                    Min. :1.000
    Min.
           :1.000
                                    Min.
                                           :1.000
                                                     Min.
                                                           :1.000
                    1st Qu.:2.000
##
    1st Qu.:2.000
                                    1st Qu.:2.000
                                                     1st Qu.:2.000
##
    Median :2.000
                    Median :2.000
                                    Median :2.000
                                                     Median :2.000
##
   Mean
         :1.918
                    Mean :1.861
                                    Mean :1.948
                                                     Mean :1.895
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                    3rd Qu.:2.000
                                                     3rd Qu.:2.000
                                                     Max. :2.000
    Max. :2.000
                    Max. :2.000
                                    Max. :2.000
```

```
NA's :13470
                   NA's :14144
                                  NA's :559
                                                 NA's :979
##
        QN35
                       QN36
                                       QN37
                                                      QN38
                   Min. :1.000
##
   Min. :1.000
                                  Min. :1.000
                                                 Min. :1.000
   1st Qu.:1.000
                   1st Qu.:2.000
                                  1st Qu.:2.000
                                                 1st Qu.:2.000
##
##
   Median :1.000
                   Median :2.000
                                  Median :2.000
                                                 Median :2.000
##
   Mean
          :1.496
                   Mean
                        :1.924
                                  Mean :1.953
                                                 Mean :1.861
    3rd Qu.:2.000
                   3rd Qu.:2.000
                                  3rd Qu.:2.000
                                                 3rd Qu.:2.000
##
##
   Max.
          :2.000
                   Max.
                         :2.000
                                  Max. :2.000
                                                 Max. :2.000
   NA's
                   NA's
                         :276
                                  NA's :436
                                                 NA's :739
          :13551
##
        QN39
                       QN40
                                       QN41
                                                     QN42
                                                                   QN43
##
   Min.
          :1.000
                   Min. :1.000
                                  Min. :1.00
                                                Min. :1.00
                                                              Min.
:1.000
## 1st Qu.:1.000
                   1st Qu.:2.000
                                  1st Qu.:1.00
                                                1st Qu.:2.00
                                                              1st
Qu.:1.000
## Median :1.000
                   Median :2.000
                                  Median :2.00
                                                Median :2.00
                                                               Median
:2.000
## Mean
          :1.261
                   Mean
                         :1.773
                                  Mean :1.58
                                                Mean
                                                       :1.76
                                                              Mean
:1.578
                   3rd Qu.:2.000
## 3rd Qu.:2.000
                                  3rd Qu.:2.00
                                                3rd Qu.:2.00
                                                               3rd
Qu.:2.000
## Max.
          :2.000
                         :2.000
                                        :2.00
                                                       :2.00
                   Max.
                                  Max.
                                                Max.
                                                               Max.
:2.000
## NA's
                   NA's
                                  NA's
                                                              NA's
          :457
                         :203
                                         :1546
                                                NA's
                                                       :401
:10289
        ON44
                      ON45
                                      0N46
                                                      ON47
##
                   Min. :1.000
                                  Min. :1.000
##
   Min. :1.000
                                                 Min. :1.000
   1st Qu.:2.000
                   1st Qu.:1.000
                                  1st Qu.:2.000
                                                 1st Qu.:2.000
##
   Median :2.000
                   Median :2.000
                                  Median :2.000
                                                 Median :2.000
                                  Mean :1.916
                                                 Mean :1.791
##
   Mean
         :1.947
                   Mean :1.617
##
   3rd Qu.:2.000
                   3rd Qu.:2.000
                                  3rd Qu.:2.000
                                                 3rd Qu.:2.000
          :2.000
                   Max. :2.000
                                  Max. :2.000
                                                 Max. :2.000
##
   Max.
##
   NA's :386
                   NA's :350
                                  NA's :276
                                                 NA's :298
                                       QN50
##
        QN48
                       QN49
                                                      QN51
                   Min. :1.000
##
                                  Min. :1.000
                                                 Min. :1.000
   Min. :1.000
##
   1st Qu.:2.000
                   1st Qu.:2.000
                                  1st Qu.:2.000
                                                 1st Qu.:2.000
   Median :2.000
##
                                  Median :2.000
                                                 Median :2.000
                   Median :2.000
                   Mean :1.927
                                  Mean :1.968
                                                 Mean :1.879
##
   Mean
         :1.948
##
    3rd Qu.:2.000
                   3rd Qu.:2.000
                                  3rd Qu.:2.000
                                                 3rd Qu.:2.000
##
   Max.
          :2.000
                   Max. :2.000
                                  Max. :2.000
                                                 Max. :2.000
         :324
    NA's
                   NA's :206
                                  NA's :853
                                                 NA's :117
##
##
        QN52
                       QN53
                                       QN54
                                                      QN55
##
   Min. :1.000
                   Min. :1.000
                                  Min. :1.000
                                                 Min. :1.000
                   1st Qu.:2.000
    1st Qu.:2.000
                                  1st Qu.:2.000
                                                 1st Qu.:2.000
##
   Median :2.000
                   Median :2.000
                                  Median :2.000
                                                 Median :2.000
                   Mean :1.956
                                  Mean :1.928
                                                 Mean :1.966
##
   Mean
          :1.973
                                  3rd Qu.:2.000
##
    3rd Qu.:2.000
                   3rd Qu.:2.000
                                                 3rd Qu.:2.000
##
   Max.
          :2.000
                   Max.
                         :2.000
                                  Max. :2.000
                                                 Max.
                                                        :2.000
                   NA's :121
                                  NA's :523
##
   NA's
          :679
                                                 NA's :90
        QN56
##
                       QN57
                                  QN58
                                                 QN59
                                                                    ON60
                   Min. :1.00
                                 Min. :1.000
                                                Min. :1.000
   Min. :1.000
```

```
:1.000
## 1st Qu.:2.000
                     1st Qu.:2.00
                                     1st Qu.:1.000
                                                       1st Qu.:2.000
                                                                        1st
Qu.:2.000
                     Median :2.00
                                     Median :1.000
                                                       Median :2.000
                                                                        Median
## Median :2.000
:2.000
## Mean
            :1.977
                     Mean
                             :1.76
                                     Mean
                                             :1.496
                                                       Mean
                                                               :1.932
                                                                        Mean
:1.843
                                                                        3rd
## 3rd Qu.:2.000
                     3rd Qu.:2.00
                                      3rd Qu.:2.000
                                                       3rd Qu.:2.000
Qu.:2.000
## Max.
                                             :2.000
                                                               :2.000
                                                                        Max.
            :2.000
                     Max.
                             :2.00
                                     Max.
                                                       Max.
:2.000
                     NA's
                                     NA's
                                                       NA's
                                                                        NA's
## NA's
            :270
                             :149
                                             :1345
                                                               :1364
:1423
##
         QN61
                           QN62
                                            QN63
                                                             ON64
##
    Min.
            :1.000
                             :1.000
                                                                :1.000
                     Min.
                                      Min.
                                              :1.000
                                                        Min.
##
    1st Qu.:1.000
                     1st Qu.:2.000
                                       1st Qu.:1.000
                                                        1st Qu.:2.000
##
    Median :2.000
                     Median :2.000
                                       Median :1.000
                                                        Median :2.000
##
    Mean
                                       Mean
            :1.629
                     Mean
                             :1.792
                                              :1.404
                                                        Mean
                                                               :1.834
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
##
    Max.
            :2.000
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
                                       NA's
##
    NA's
            :1393
                     NA's
                             :10862
                                              :10956
                                                        NA's
                                                                :11050
##
         QN65
                           QN66
                                            QN67
                                                             QN68
##
    Min.
            :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                                :1.000
##
    1st Qu.:1.000
                     1st Qu.:1.000
                                       1st Qu.:1.000
                                                        1st Qu.:1.000
##
    Median :2.000
                     Median :2.000
                                       Median :1.000
                                                        Median :2.000
##
    Mean
            :1.715
                     Mean
                             :1.543
                                       Mean
                                              :1.387
                                                        Mean
                                                                :1.609
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
            :2.000
##
    Max.
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
##
    NA's
            :287
                     NA's
                             :259
                                       NA's
                                              :301
                                                        NA's
                                                                :311
##
         QN69
                           QN70
                                            QN71
                                                             QN72
##
    Min.
           :1.000
                     Min.
                             :1.000
                                       Min.
                                              :1.000
                                                        Min.
                                                               :1.000
##
    1st Qu.:2.000
                     1st Qu.:2.000
                                       1st Qu.:2.000
                                                        1st Qu.:1.000
##
    Median :2.000
                     Median :2.000
                                       Median :2.000
                                                        Median :1.000
##
    Mean
           :1.889
                     Mean
                             :1.947
                                       Mean
                                              :1.956
                                                        Mean
                                                               :1.195
##
    3rd Qu.:2.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:1.000
##
            :2.000
    Max.
                     Max.
                             :2.000
                                       Max.
                                              :2.000
                                                        Max.
                                                                :2.000
    NA's
            :295
##
                     NA's
                             :290
                                       NA's
                                              :310
                                                        NA's
                                                                :243
##
         QN73
                           QN74
                                            QN75
                                                             QN76
                                              :1.000
                                                               :1.000
##
    Min.
           :1.000
                     Min.
                             :1.000
                                      Min.
                                                        Min.
    1st Qu.:1.000
                     1st Qu.:1.000
                                       1st Qu.:1.000
                                                        1st Qu.:1.000
##
##
    Median :1.000
                     Median :1.000
                                       Median :1.000
                                                        Median :2.000
##
    Mean
           :1.116
                     Mean
                             :1.389
                                       Mean
                                              :1.336
                                                        Mean
                                                               :1.538
##
    3rd Qu.:1.000
                     3rd Qu.:2.000
                                       3rd Qu.:2.000
                                                        3rd Qu.:2.000
                                              :2.000
                                                                :2.000
##
    Max.
            :2.000
                     Max.
                             :2.000
                                       Max.
                                                        Max.
##
    NA's
            :178
                     NA's
                             :190
                                       NA's
                                              :186
                                                        NA's
                                                                :187
##
         QN77
                           QN78
                                          QN79
                                                           QN80
                                                                             QN81
##
    Min.
            :1.000
                     Min.
                             :1.0
                                            :1.000
                                                      Min.
                                                             :1.000
                                                                       Min.
                                    Min.
:1.000
##
   1st Qu.:1.000
                     1st Qu.:1.0
                                    1st Qu.:2.000
                                                      1st Qu.:1.000
                                                                       1st
Qu.:1.000
```

```
## Median :1.000
                    Median :2.0
                                  Median :2.000
                                                   Median :2.000
                                                                    Median
:2.000
## Mean
           :1.188
                    Mean
                           :1.7
                                  Mean
                                          :1.871
                                                   Mean
                                                          :1.651
                                                                    Mean
:1.637
## 3rd Qu.:1.000
                    3rd Qu.:2.0
                                   3rd Qu.:2.000
                                                   3rd Qu.:2.000
                                                                    3rd
Qu.:2.000
## Max.
           :2.000
                           :2.0
                                          :2.000
                                                          :2.000
                    Max.
                                   Max.
                                                   Max.
                                                                    Max.
:2.000
   NA's
           :195
                    NA's
                           :222
                                   NA's
                                          :236
                                                   NA's
                                                                    NA's
                                                                           :284
##
                                                          :301
##
         QN82
                         QN83
                                         QN84
                                                         QN85
                                                                          QN86
                           :1.00
## Min.
           :1.000
                    Min.
                                    Min.
                                           :1.000
                                                    Min.
                                                           :1.000
                                                                     Min.
:1.000
## 1st Qu.:1.000
                    1st Qu.:1.00
                                    1st Qu.:1.000
                                                    1st Qu.:1.000
                                                                     1st
Qu.:2.000
## Median :2.000
                    Median :1.00
                                    Median :1.000
                                                    Median :1.000
                                                                     Median
:2.000
## Mean
           :1.747
                    Mean
                           :1.45
                                    Mean
                                           :1.438
                                                    Mean
                                                           :1.138
                                                                     Mean
:1.785
## 3rd Qu.:2.000
                    3rd Qu.:2.00
                                    3rd Qu.:2.000
                                                    3rd Qu.:1.000
                                                                     3rd
Qu.:2.000
## Max.
           :2.000
                           :2.00
                                           :2.000
                                                           :2.000
                    Max.
                                    Max.
                                                    Max.
                                                                     Max.
:2.000
## NA's
                    NA's
                                    NA's
                                                    NA's
                                                                     NA's
           :286
                           :832
                                           :848
                                                            :301
:321
         ON87
                         ON88
                                          ON89
                                                          ON90
##
##
   Min.
           :1.000
                    Min.
                           :1.000
                                     Min.
                                            :1.000
                                                     Min.
                                                            :1.000
##
    1st Qu.:2.000
                    1st Qu.:1.000
                                     1st Qu.:2.000
                                                     1st Qu.:2.000
   Median :2.000
                                                     Median :2.000
##
                    Median :2.000
                                    Median :2.000
##
   Mean
           :1.896
                    Mean
                          :1.633
                                     Mean
                                          :1.923
                                                     Mean
                                                           :1.805
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
           :2.000
    Max.
                    Max.
                           :2.000
                                     Max.
                                          :2.000
                                                     Max.
                                                            :2.000
##
    NA's
           :412
                    NA's
                           :12613
                                     NA's :1507
                                                     NA's :1393
##
         ON91
                         QN92
                                          QN93
                                                          0N94
##
                          :1.000
                                           :1.000
                                                            :1.000
    Min.
           :1.000
                    Min.
                                     Min.
                                                     Min.
##
    1st Qu.:1.000
                    1st Qu.:1.000
                                     1st Qu.:1.000
                                                     1st Qu.:2.000
##
   Median :1.000
                    Median :2.000
                                     Median :1.000
                                                     Median :2.000
##
   Mean
          :1.342
                    Mean
                          :1.723
                                     Mean
                                           :1.176
                                                     Mean
                                                           :1.857
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                     3rd Qu.:1.000
                                                     3rd Qu.:2.000
##
   Max.
           :2.000
                    Max.
                           :2.000
                                     Max.
                                            :2.000
                                                     Max.
                                                            :2.000
           :1629
                    NA's
                                            :7351
##
    NA's
                                     NA's
                                                     NA's
                           :1783
                                                            :1709
##
         QN95
                         QN96
                                          QN97
                                                          QN98
##
    Min.
           :1.000
                    Min.
                           :1.000
                                     Min.
                                            :1.000
                                                     Min.
                                                             :1.000
##
    1st Qu.:2.000
                    1st Qu.:2.000
                                     1st Qu.:1.000
                                                     1st Qu.:2.000
   Median :2.000
                                     Median :2.000
##
                    Median :2.000
                                                     Median :2.000
##
   Mean
                                                     Mean
           :1.911
                    Mean
                           :1.861
                                     Mean
                                           :1.685
                                                            :1.931
##
    3rd Qu.:2.000
                    3rd Qu.:2.000
                                     3rd Qu.:2.000
                                                     3rd Qu.:2.000
##
   Max.
           :2.000
                    Max.
                           :2.000
                                     Max.
                                            :2.000
                                                     Max.
                                                             :2.000
##
    NA's
                                                     NA's
           :1819
                    NA's
                           :1820
                                     NA's
                                            :1628
                                                             :1345
##
        site
                          qnfrcig
                                           qnanytob
                                                             qnfrvg
    Length:16410
                    Min. :1.000 Min. :1.000 Min. :1.000
```

```
## Class :character
                    1st Ou.:2.000
                                   1st Ou.:2.000
                                                  1st Ou.:2.000
## Mode :character
                    Median :2.000
                                   Median :2.000
                                                  Median :2.000
##
                           :1.934
                                   Mean :1.756
                                                  Mean :1.776
                     Mean
##
                     3rd Qu.:2.000
                                   3rd Qu.:2.000
                                                  3rd Qu.:2.000
                                   Max.
##
                           :2.000
                                         :2.000
                     Max.
                                                  Max.
                                                        :2.000
##
                     NA's
                           :648
                                   NA's :1413
                                                  NA's
                                                        :353
                                                                qnobese
      anfruit
                                  andlype
                                                  anowt
                     qnveg
                  Min. :1.00 Min. :1.000
## Min. :1.000
                                             Min. :1.000
                                                             Min.
:1.000
## 1st Qu.:1.000
                  1st Qu.:2.00
                               1st Qu.:1.000
                                              1st Qu.:2.000
                                                             1st
Qu.:2.000
                               Median :2.000
## Median :2.000
                  Median :2.00
                                              Median :2.000
                                                             Median
:2.000
## Mean
          :1.661
                  Mean :1.86
                                Mean :1.646
                                              Mean :1.835
                                                             Mean
:1.875
## 3rd Qu.:2.000
                  3rd Qu.:2.00
                                3rd Qu.:2.000
                                              3rd Qu.:2.000
                                                             3rd
Ou.:2.000
## Max.
         :2.000
                  Max. :2.00
                                      :2.000
                                                     :2.000
                                                             Max.
                                Max.
                                              Max.
:2.000
## NA's
          :269
                  NA's :250
                                NA's :832
                                              NA's
                                                     :1232
                                                             NA's
:1232
##
       qndepo
                    gndepopl
                                    qndual
                                                  qnpa0day
qnpa7day
## Min.
          :1.000
                  Min. :1.000
                                Min.
                                       :1.000
                                               Min.
                                                      :1.000
                                                              Min.
:1.00
## 1st Qu.:2.000
                  1st Qu.:2.000
                                 1st Qu.:2.000
                                               1st Qu.:2.000
                                                              1st
Qu.:2.00
## Median :2.000
                  Median :2.000
                                Median :2.000
                                               Median :2.000
                                                              Median
:2.00
## Mean
                  Mean :1.799
                                Mean :1.926
          :1.965
                                               Mean :1.751
                                                              Mean
:1.83
## 3rd Qu.:2.000
                  3rd Qu.:2.000
                                 3rd Qu.:2.000
                                               3rd Qu.:2.000
                                                              3rd
Qu.:2.00
## Max. :2.000
                  Max. :2.000
                                Max. :2.000
                                               Max. :2.000
                                                              Max.
:2.00
## NA's
                  NA's :11050
                                NA's :11081
                                               NA's :301
                                                              NA's
        :11050
:301
##
      weight
                      stratum
                                                      bmipct
                                       psu
## Min. : 0.0212
                   Min. :101.0
                                  Min. : 10490
                                                  Min. : 0.00
## 1st Qu.: 0.4358
                   1st Qu.:103.0
                                  1st Qu.: 60730
                                                  1st Qu.: 43.00
## Median : 0.7928 Median :201.0
                                  Median :200390
                                                  Median : 68.00
   Mean : 1.0000
##
                    Mean
                          :160.8
                                  Mean
                                        :245665
                                                  Mean : 63.46
                    3rd Qu.:211.0
                                                  3rd Qu.: 88.00
   3rd Qu.: 1.3375
                                  3rd Qu.:410470
## Max. :19.2828
                    Max. :214.0
                                  Max. :551050
                                                  Max. :100.00
                                                  NA's
##
                                                        :1232
##
     raceeth
##
   Length: 16410
## Class :character
## Mode :character
##
```

##

##

##